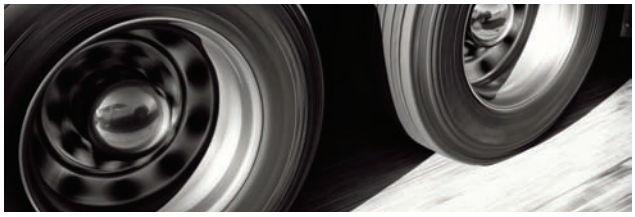
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BRAKE PADS, DISCS, LININGS, RIVETS, WEAR INDICATORS AND ACCESSORIES









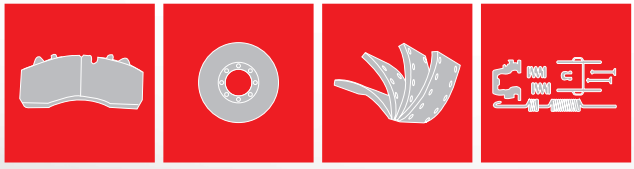
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FEDERAL MOGUL

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KEEP IT REAL:
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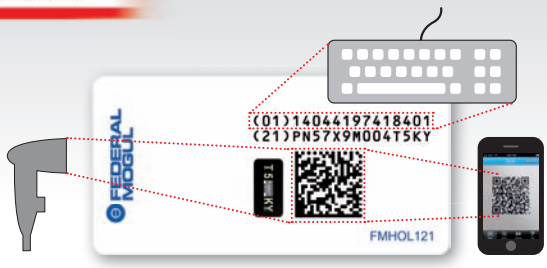
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HOW TO CHECK THE AUTHENTICITY OF YOUR FERODO PRODUCTS

1 CHECK IF THE PACKAGING IS CLOSED AND THE LABEL IS INTACT

2 VERIFY THE UNIQUE ALPHANUMERIC CODE AND DATA MATRIX CODE

- Type in the alphanumeric code at www.ferodo.com
  or
- Read the Data Matrix Code with a 2-D scanner
  or
- Read the Data Matrix Code on your smartphone with a barcode reader app



3 VERIFY THE UNIQUE SECURITY CODE ON THE PRIOSPOT® LABEL

- Different code on each packaging



- Code contains the last 4 digits of the alphanumeric code



- The code and the Federal-Mogul logo shimmer in rainbow colours only in direct light
- Only in direct light a digit, repeating the last digit of the security code, is visible. This digit will move up and down when you change the angle of the PrioSpot®



FEDERAL MOGUL

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We hereby confirm, that the Federal-Mogul products using the brand names AE®, ABEX®, BERAL®, CHAMPION®, DURON®, FERODO®, FP DIESEL®, GLYCO®, GOETZE®, MOOG®, NECTO®, NÜRAL®, PAYEN®, WAGNER™ sold in the European Aftermarket, fulfil the quality requirements applicable to the use of spare parts for repair or maintenance of motor vehicles by authorised repairers.

Date: 03/09/2012

Olivier Legrand
Vice President Aftermarket Europe
Federal-Mogul Corporation





INDEX

	I - XXVII
→	XXVIII - XXXI
→	2 - 17
→	18 - 161
→	162 - 201
→	202 - 279
→	280 - 285
→	286 - 425
→	426 - 434
→	435 - 468
→	469 - 523
→ FERODO	524 - 539
→ FERODO	540 - 564
→	566 - 569

FERODO®
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Brake **Page**
Ate **280**
Haldex **280**
Knorr-Bremse **280**
Meritor **282**
Wabco **284**

Bus
AEC **202**
Alexander PSV **202**
Autosan **202**
Ayats **202**
Bedford **202**
Berkhof PSV **204**
BMC **204**
Bogdan **204**
Bova **204**
Bristol **206**
Caetano PSV **206**
DAF **208**
Den Oudsen **214**
Dennis **214**
Ernst Auwärter **216**
Ford **216**
Heuliez See Irisbus
Ikarus **216**
Inbus **218**
Irisbus **218**
Iveco See Irisbus
Karosa See Irisbus
LAG **230**
LAZ **230**
MAN **230**
MCW **240**
Menarini **240**
Mercedes-Benz **242**
Moseley **248**
Neoplan **248**
Optare **254**
Pegaso **256**
Renault Bus **256**
Sanos **258**
Scania **258**
Sedon Atkinson **260**
Setra **260**
Solaris **270**
Sor **270**
Steyr **270**
Van Hool **272**
Volvo **276**

LCV
Ford **2**
Iveco **2**
Mercedes-Benz **8**
Multicar **12**
Nissan **12**
Renault **12**
Volkswagen **14**

Trailer & Axle
A.D.R. **162**
Acerbi **162**
Adige **162**
Austeras **162**
BAJ et Fond **162**
Bartoletti **164**
Battaglino **164**
Benalu **164**
Bertoja **164**
BPW **164**
Brockhouse **168**
Calabrese **168**
Cardi **168**
Carenzi **168**
Carrimore **168**
Castera **168**
Cazenave **170**
Coder **170**
Colaert **170**
Cometto **170**
Crane Fruehauf **170**
DAF **172**
Discos **172**
Dorsey **172**
Dyson **172**
Foden **172**
Fox **174**
Franchin **174**
Fromant **174**
Fromco **174**
Fruehauf/Benalu **174**
GFA (Gothaer Achsen) **176**
Gigant Group **176**
GKN FAD Axles **178**
Gorica **178**
Granning Lynx **178**
Hands **178**
Highway **178**
Hoynor **180**
Ilasa-Tmm **180**
Itas **180**
Kaiser **180**
Kässbohrer **180**
Kessler **182**
King **182**
Knott **182**
LAG **182**
Lecitrailer **182**
Lohr **184**
Maduraud **184**
Meritor **184**
Merriworth **186**
Multiwheel **186**
Murfitt **186**
Nicolas **186**
Northern **186**
Peak **186**
Peitz **186**
Perlini **186**
Perrot Bremsen (Wabco) **188**
Piacenza **190**
Pitt **190**
Prim-Ball **192**
Primrose **192**
Rockwell **192**
Rolfo **192**
S.A.E. See Gigant Group
SAF **192**
Samro **194**
Scammell **194**
Scania **196**
Seddon Atkinson **196**
Sisu **196**
SMB See Gigant Group
Titan **196**
Trabosa **196**
Trailor **198**
Trenkamp & Gehle See Gigant Group
Viberti **198**
Volvo **198**
Warsteiner **198**
York Trailers **200**
ZF **200**
Zorzi **200**

Truck
AEC **18**
Astra **18**
Avia-Daewoo (Czech) **18**
AWD **18**
Bedford **22**
DAF **22**
Dennis **38**
ERF **40**
Foden **48**
Ford **48**
Guy **54**
Hino **54**
Isuzu **54**
Iveco **54**
Jelcz **68**
Liaz **68**
MAN **68**
Mercedes-Benz **94**
Nissan **112**
Pegaso **112**
Renault Trucks **112**
Saurer **134**
Scammell **136**
Scania **136**
Seddon Atkinson **140**
Sisu See 'Trailer & Axle' Index section
Steyr **144**
Tam **144**
Tatra **146**
Volvo **146**
Yugo **160**
ZF See 'Trailer & Axle' Index section



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GLOSSARY

2 piston caliper 45mm dia.	2-Kolben-Bremssattel 45 mm Durchmesser	Etrier 2 pistons diam. 45	Pinza con 2 pistoni diam. 45mm
2 pistons	2-Kolben	2 pistons	2 pistoni
2WD Van/Wagon	2-Rad-Antrieb / Lieferwagen	2 roues motrices	2 ruote motrici Van/Wagon
3 axle model	3-Achs-Modelle	Modèle 3 essieux	modelli con 3 assali
3. axle	3. Achse	3ème essieu	3° assale
3rd axle fitted to	3. Achse ausgerüstet mit	3ème essieu equipé de	3° assale equipaggiato con
4 pistons	4-Kolben	4 pistons	4 pistoni
4 wheel trailer for BPW axle	4-Rad-Anhänger mit BPW-Achse	Remorque 4 roues avec essieu BPW	rimorchio con assale BPW
4x4 and tipper	4x4 und Kipper	4x4 & benne	4x4 e ribaltabile
ABS disc	Bremsscheibe für ABS	Disque ABS	Disco ABS
ABS disc	scheibe für ABS	Disque ABS	Disco ABS
Air brake	Druckluftbremse	Frein pneumatique	Freno pneumatico
Air suspension	Luftfederung	Suspension pneumatique	Sospensione pneumatica
Air/hydraulic system	Druckluft-/Hydraulik-System	Système pneumatique/hydraulique	Sistema pneumatico/idraulico
All types	alle Typen	Tous types	Tutti i tipi
And tipper	und Kipper	et bennes	E ribaltabile
Articulated bus	Gelenkbus	bus articulé	Bus Articolato
ate system	ATE-system	système ate	impianto ate
Auto Adj	automatische Nachstellung	Ajustement automatique	Autoregolatore
Auxiliary axle	Zusatzachse	Essieu auxiliaire	Assale ausiliario
Axial actuation	Axialantrieb	Mouvement axial	Movimento assiale
Axle	Achse	Essieu	Assale
Axle load	Achslast	Charge par essieu	Carico per assale
Axle models	Achsmodelle	Modèle d'essieu	Modelli assale
Axle trailers	Anhängerachsen	Essieu pour remorque	Assale per rimorchi
Axles with disc brakes	Achsen mit Scheibenbremsen	Essieux avec frein à disques	Assale con disco freno
Boogie axle	Boogie-Achse	essieu	assale
Brake	Bremse	Frein	Freno
Brake pads	Scheibenbremsbeläge	Plaquettes de frein	Pastiglie freno
Build	Bauart	Construit	Costruito
Cast iron brake shoes	Guß-Bremsbacke	Machoîres fonte	Ganasce freno in ghisa
ch. (Chassis)	Chassis/Fahrgestell	Châssis	Telaio
Conical drilling	konische Bohrung	Percage conique	Foratura conica
Coupling flange	Verbindungsflansch	Bride d'accouplement	Flangia di accoppiamento
Cylindrical drilling	zylindrische Bohrung	Percage cylindrique	Foratura cilindrica
Disc	Bremsscheibe	Disque	Disco
Double tyres	Doppelbereifung	Roues jumelées	Ruote gemellate
Drawbars	Zugfahrzeuge	Timons	Con rimorchio
Drum	Trommel	Tambour	Tamburo
Duplex brake	Duplex Bremse	Frein Duplex	Freno Duplex
eaton axle	Eaton-Achse	essieu eaton	assale eaton
Excl.	außer	Sauf	Eccetto
Excl. 4x4	außer 4x4	Sauf 4x4	Eccetto 4x4
For air suspension rear	hinten für Luftfederung	Pour suspension pneumatique arrière	Per sospensioni pneumatiche post
For pneum. wheel suspension	mit pneumatischer Radaufhängung	Pour suspension pneumatique	Per sospensioni pneumatiche
Full air system	Druckluftsystem	Système pneumatique	Sistema pneumatico
FWD (Front wheel drive)	Vorderradantrieb	Traction	Trazione anteriore
Heavy duty	Schwerlastbetrieb	usage sévère	Macchine movimento terra
Holes	Löcher	trous	Fori
Hydraulic brakes	hydraulische Bremsen	Freins hydrauliques	Freni idraulici
Independent wheel suspension	Einzel-Radaufhängung	Roue à suspension indépendante	Ruote a sospensione indipendente
Inner City Bus	Stadtbus	Bus urbain	Autobus urbano
Leading axle	Vorlaufachse	Essieu avant	Asse di trazione
Lift axle with single wheels	Liftachse mit Einzelbereifung	Essieu relevable avec roues simples	Assale rialzabile con ruote indipendenti
Lift axle with twin wheels	Liftachse mit Doppelbereifung	Essieu relevable avec roues jumelées	Assale rialzabile con ruote gemellate
Lightweight axle	Leichtbau-Achse	Essieu léger	Assale leggero
Low loader	Tieflader	Surbaissé	Autocarro a pianale ribassato
Man adj (Manual Adjustment)	manueller Nachsteller	réglage manuel	regolazione manuale
Model	Modell	Modèle	Modello
New version	neue Version/Ausführung	Nouvelle version	Nuova versione

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GLOSSAR - GLOSSAIRE - GLOSSARIO

Old version	alte Version/Ausführung	Ancienne version	Vecchia versione
Only	nur	uniquement	Solo
Opt	wahlweise	alternative	alternativa
Opt disc	alternative Bremsscheibe	Disque option	imp.alternativo a disco
Opt. heavy duty	wahlweise schwere Ausführung	opt. Usage sévère	Opzione macchine movimento terra
Opt. old version	wahlweise alte Version/Ausführung	Option ancienne version	Opzione vecchia versione
Opt/opt.	wahlweise	Option	Opzione
Oversize	Überstärke	surdimensionné	Maggiorazione
Pads	Scheibenbremsbeläge	Plaquettes de frein	Pastiglie
Pickup/Double Cab	Pickup/Doppelkabine	Pick Up / cabine double	Pickup/Double Cab
Platform	Plattform	Plateforme	Piattaforma
Range	Serie/Reihe	gamme	Gamma
Rigid axle	Starrachse	Essieu rigide	Assale rigido
Rigids & Tipper	Starrachsen & Kipper	Essieux rigides et bennes	Assale rigido e ribaltabile
RWD (Rear Wheel drive)	Hinterradantrieb	Propulsion	Trazione posteriore
S Cam	S-Nocken	S came	S Cam
S-Cam brake	S-Nocken-Bremse	Frein S-Came	Freno S-Cam
Second rear axle	2. Hinterachse	2ème essieu arrière	2° asse posteriore
Series	Serie	Série	Serie
Simplex brake	Simplex-Bremse	Frein simplex	Freno Simplex
Single rear wheel	hinten mit Einzelbereifung	Roue arrière simple	Ruota singola posteriore
Single wheel	Einzelrad	roue simple	Ruota singola
Single wheel base	Rahmen mit Einzelbereifung	Empattement unique	Ruota singola
Single wheels	Einzelbereifung	Roue simple	Ruote singole
Solid	unbelüftet	Plein	Pieno
Solid disc	unbelüftete Scheibe	Disque plein	Disco pieno
Steel brake shoes	Stahlbremsbacken	Machoire acier	Ganasce freno in acciaio
SWB (short wheel base)	kurzer Radstand	SWB	SWB
Tandem-axle	Tandem-Achse	Essieu Tandem	Assale Tandem
Thick	Dicke	epaisseur	Spessore
Tipper/Tippers	Kipper	Benne/Bennes	Ribaltabile
Ton./tonne/tonnes	to.	Tonne/Tonnes	Tonnellate
Tractors	Traktor	Tracteurs	Motrici
Trailer Axle	Anhängerachse	Essieu pour remorque	Assale per rimorchio
Trailers equipped with BPW axles	Anhänger mit BPW-Achsen ausgerüstet	Remorque avec essieu BPW	Rimorchio equipaggiato con assali BPW
Trailing axle	Nachläuferachse	Essieu trainé	Assale condotto
Twin rear wheel	hinten mit Doppelbereifung	Roues arrières jumellées	Ruote posteriori gemellate
Twin wheel	Doppelbereifung	Roues jumelées	Ruote gemellate
Twin wheel base	Rahmen mit Doppelbereifung	Roues jumelées	Ruote gemellate
Twinsteer tractors	Doppellenk-Zugmaschine	Tracteur à deux volants	Doppio assale sterzante
Underfloor-Series	Unterflur-Reihe	plancher bas	Serie Underfloor
Vacuum/hydraulic system	Vakuum-/Hydrauliksystem	système à depression / hydraulique	Depressore idraulico
Vented	belüftet	Ventilé	Ventilato
Ventilated disc	belüftete Scheibe	Disque ventilé	Disco ventilato
W.I. opt. (Wear Indicator optional)	Verschleißsensor wahlweise	T.U. Option	Opzione I.U.
W/Ind (Wear Indicator)	Verschleißsensor	Temoin d'usure	Indicatore d'usura
Wheel	Rad	Roue	Ruota
Wheel opt.	wahlweise Rad	Roue Option	Opzione ruota
Wheel set	Radsatz	Jeux de roues	Set ruota
Wheels/non standard disc	Räder/nicht Standard Scheibe	roues/disques non standards	Ruote/Disco non standard
With air brakes	mit Druckluftbremsen	Avec frein pneumatique	Con freno pneumatico
With air brakes opt.	wahlweise mit Druckluftbremsen	Option avec frein pneumatique	Opzione con freno pneumatico
With compressed air brakes	mit Druckluftbremsen	Avec frein pneumatique	Impianto frenante pneumatico
With hydraulic brakes	mit Hydraulikbremsen	Avec frein hydraulique	Con freno idraulico
With S-Cam brake	mit S-Nockenbremse	Avec frein S-came	Con freno S-Cam
With twin W/I	mit Doppel-Verschleißsensoren	Avec double T.U.	Con doppio I.U.
With W.I holes	mit Verschleißsensor-Bohrung	Avec trous T.U.	Con fori per I.U.
With W.I (wear indicator)	mit Verschleißanzeiger	Avec indicateur d'usure	Con indicatore d'usura
With wear indicator holes	mit Verschleißanzeigerbohrung	Avec trous pour temoins d'usure	Con fori per i.u.
Z-Cam brake	Z-Nocken-Bremse	Frein Z-came	Freno Z-Cam





GLOSSARY

2 piston caliper 45mm dia.	Pinza de 2 pistones de 45 mm de diámetro	Pinça de 2 pistões Ø 45mm	Remklauw 2 zuigers 45mm
2 pistons	2 pistones	2 pistões	2 zuigers
2WD Van/Wagon	Furgoneta/camioneta con tracción a dos ruedas	2x2 Van/Wagon	2WD
3 axle model	Modelo de 3 ejes	modelo com 3 eixos	Model met 3 assen
3. axle	3 ejes	3. eixo	3e as
3rd axle fitted to	3.º eje equipado en	3º eixo montado em	3e as uitgerust met
4 pistons	4 pistones	4 pistões	4 zuigers
4 wheel trailer for BPW axle	Remolque con tracción a las 4 ruedas para el eje BPW	Reboque de 4 rodas para eixo BPW	aanhanger met 4 wielen voor BPW as
4x4 and tipper	4x4 y volquete	4x4 e basculante	4x4 en kieper
ABS disc	Disco de ABS	Disco ABS	Remschijf ABS
Air brake	Freno neumático	Travão pneumático	Luchtdrukrem
Air suspension	Suspensión neumática	Suspensão pneumática	Luchtvering
Air/hydraulic system	Sistema hidráulico/neumático	Sistema pneumático/hidráulico	Luchtdruk-/hydraulisch systeem
All types	Todos los tipos	Todos os tipos	Alle types
And tipper	Y volquete	E basculante	En kieper
Articulated bus	Autobús articulado	Autocarro articulado	Harmonicabus
ate system	sistema ate	sistema ate	Ate systeem
Auto Adj	Ajuste automático	Autorregulação	Automatische nastelling
Auxiliary axle	Eje auxiliar	eixo auxiliar	Hulpas
Axial actuation	Actuación axial	Movimento axial	Axiale beweging
Axle	Eje	Eixo	As
Axle load	Carga del eje	Carga por eixo	Asbelasting
Axle models	Modelos de eje	Modelos de eixo	Asmodellen
Axle trailers	Remolques del eje	Eixos de reboques	Trailer assen
Axles with disc brakes	Ejes con frenos de disco	Eixos com travão de disco	Assen met remschijven
Boogie axle	Eje te boogie	Eixo Boogie	Boogie-as
Brake	Freno	Travão	Rem
Brake pads	Pastillas	Pastilhas de travão	Remblokken
Build	Construido	Construção	Bouwwijze
Cast iron brake shoes	Mordazas de freno de fundición	Maxilas em ferro fundido	Remschoenen gietijzer
ch. (Chassis)	ch. (Componentes de dirección y suspensión)	Chassis	Chassis
Conical drilling	Perforación cónica	Furação cónica	Conische boring
Coupling flange	Brida de acoplamiento	Falange de acoplamento	Koppelingsflens
Cylindrical drilling	Perforación cilíndrica	Furação cilíndrica	Cilindrische boring
Disc	Disco	Disco	Remschijf
Double tyres	Neumáticos dobles	Rodas gémeas	Dubbellucht
Drawbars	Barras de tiro	Com reboque	Trekstang
Drum	Tambor	Tambor	Remtrommel
Duplex brake	Freno doble	Travão Duplex	Duplex rem
eaton axle	Eje Eaton	eixo eaton	eaton as
Excl.	Excl.	Excepto	Excl.
Excl. 4x4	Excl. 4x4	Excepto 4x4	Excl. 4x4
For air suspension rear	Para suspensión neumática trasera	Para suspensão pneumática traseira	Voor luchtophanging achter
For pneum. wheel suspension	Para suspensión neumática	Para suspensão pneumática	Voor pneumatische ophanging
Full air system	Sistema neumático completo	Sistema completo de ar	Luchtdruksysteem
FWD (Front wheel drive)	Tracción a las 4 ruedas	Tração dianteira	Voorwielaandrijving
Heavy duty	Carga pesada	Comercial pesado	Heavy duty
Holes	Orificios	Furos	Gaten
Hydraulic brakes	Frenos hidráulicos	Travões hidráulicos	Hydraulische remmen
Independent wheel suspension	Suspensión independiente de las ruedas	Suspensão de rodas independente	Onafhankelijke ophanging
Inner City Bus	Autobús inter- ciudad	Autocarro citadino	Stadsbus
Leading axle	Eje principal	Eixo de tração	Aandrijfas
Lift axle with single wheels	Eje de elevación con ruedas sencillas	Eixo elevador com rodado simples	Liftas met enkel wiel
Lift axle with twin wheels	Eje de elevación con ruedas gemelas	Eixo elevador com rodado duplo	Liftas met dubbel wiel
Lightweight axle	Eje ligero	Eixo leve	Lichtgewicht as
Low loader	Cargador bajo	Autocarro rebaixado	Dieplader
Man adj (Manual Adjustment)	Ajuste manual	Regulação manual	Manuele nastelling
Model	Modelo	Modelo	Model
New version	Nueva versión	Versão nova	Nieuwe versie
Old version	Versión anterior	Versão antiga	Oude versie

GLOSARIO - GLOSSÁRIO - WOORDENLIJST

Only	Solo	Só	Enkel
Opt	Opcional	Opção	Optie
Opt disc	Disco opcional	Disco opc.	Opt. Remschijf
Opt. heavy duty	Carga pesada opcional	Opção comercial pesado	Opt. Heavy duty
Opt. old version	Versión antigua opcional	Opção versão antiga	Opt. Oude versie
Opt/opt.	Opcional	Opção	Optie
Oversize	Sobredimensionado	Sobre medida	Overmaat
Pads	Pastillas	Pastilhas	Remblokken
Pickup/Double Cab	Cabina doble/camioneta	Pick-up/Dupla cabine	Pickup/Dubbele cabine
Platform	Plataforma	Plataforma	Platform
Range	Gama	Gama	Gamma
Rigid axle	Eje rígido	Eixo rígido	Starre as
Rigids & Tipper	Rígidos y volquete	Rígido e basculante	Starre assen en kieper
RWD (Rear Wheel drive)	Tracción a las ruedas traseras	Tração traseira	Achterwielaandrijving
S Cam	S-Cam	S Cam	S-Nok
S-Cam brake	Freno S-Cam	Travão S-Cam	S-Nok rem
Second rear axle	Segundo eje trasero	2º eixo traseiro	2de achteras
Series	Serie	Séries	Serie
Simplex brake	Freno sencillo	Travão Simplex	Simplex rem
Single rear wheel	Rueda trasera sencilla	Roda simples traseira	Enkel achterwiel
Single wheel	Rueda sencilla	Roda simples	Enkel wiel
Single wheel base	Distancia entre ejes sencilla	Rodado simples	Enkel wiel
Single wheels	Ruedas sencillas	Rodas simples	Enkel wiel
Solid	Sólido	Sólido	Massief
Solid disc	Disco sólido	Disco sólido	Massieve remschijf
Steel brake shoes	Mordazas de acero	Maxilas em aço	Stalen remschoen
SWB (short wheel base)	Distancia entre ejes corta	Rodado curto	Korte wielbasis
Tandem-axle	Eje tándem	Eixo Tandem	Tandem as
Thick	Grueso	Espessura	Dik
Tipper/Tippers	Volquete/volquetes	Basculantes	Kipper
Ton./tonne/tonnes	Ton./tonelada/toneladas	Tonelada	Ton
Tractors	Tractores	Motrizes	Trekkers
Trailer Axle	Eje del remolque	Eixo do reboque	As trailer
Trailers equipped with BPW axles	Remolques equipados con ejes BPW	Reboques equipados com eixos BPW	Trailers met BWP as
Trailing axle	Eje del remolque	Eixo atrelado	Sleepas
Twin rear wheel	Rueda trasera gemela	Rodas duplas traseiras	Dubbel achterwiel
Twin wheel	Rueda gemela	Rodas duplas	Dubbel wiel
Twin wheel base	Rueda doble	Rodado duplo	Dubbel wiel
Twinsteer tractors	Tractores de dirección gemela	Eixo duplo	Trekker dubbele besturing
Underfloor-Series	Serie debajo del suelo	Série rebaixada	Ondervloer serie
Vacuum/hydraulic system	Sistema hidráulico/de vacío	Vácuo/hidráulico sistema	Vacuum/hydraulisch systeem
Vented	Con ventilación	Ventilado	Geventileerd
Ventilated disc	Disco de ventilación	Disco ventilado	Geventileerde remschijf
W.I. opt. (Wear Indicator optional)	Indicador de desgaste opcional	Opção com avisador de desgaste	Slijtage-indicator als optie
W/Ind (Wear Indicator)	Indicador de desgaste	avisador de desgaste	Slijtage-indicator
Wheel	Rueda	Roda	Wiel
Wheel opt.	Rueda opcional	Roda opcional	Wiel optie
Wheel set	Conjunto de rueda	Jogo de rodas	Set wielen
Wheels/non standard disc	Disco no estándar/ruedas	Rodas/não normalizadas	Wielen/niet standaard remschijf
With air brakes	Con frenos neumáticos	Com travões pneumáticos	Met luchtdrukremmen
With air brakes opt.	Con frenos neumáticos opcionales	Opção com travão pneumático	Met luchtdrukremmen optie
With compressed air brakes	Con frenos neumáticos comprimidos	Com travões a ar comprimido	Met luchtdrukremmen
With hydraulic brakes	Con frenos hidráulicos	Com travões hidráulicos	Met hydraulische remmen
With S-Cam brake	Con freno S-Cam	Com travão S-Cam	Met S-nok remmen
With twin W/I	Con indicador de desgaste gemelo	Com duplo avisador de desgaste	Met dubbele slijtageindicator
With W.I holes	Con orificios de indicador de desgaste	Com orificíos para avisadores	Met gaten voor slijtageindicator
With W.I (wear indicator)	Con indicador de desgaste	Com avisador de desgaste	Met slijtageindicator
With wear indicator holes	Con orificios de indicador de desgaste	Com orificíos para avisadores	Met gaten voor slijtageindicator
Z-Cam brake	Freno Z-Cam	Travão Z-Cam	Z-nok rem





GLOSSARY

2 piston caliper 45mm dia.	суппорт с 2 поршнями диаметром 45 мм	Zacisk dwutłokowy średnica 45 mm
2 pistons	2 поршня	2 tłoki
2WD Van/Wagon	фургон/универсал с 1 ведущей осью	2WD Van/Kombi
3 axle model	модель с 3 осями	model 3 osiowy
3. axle	3 оси	3 oś
3rd axle fitted to	3-я ось смонтирована на	trzecia oś zamocowana do
4 pistons	4 поршня	4 tłoki
4 wheel trailer for BPW axle	4-х колесный прицеп с осью BPW	czterokołowa przyczepa do osi BPW
4x4 and tipper	полноприводный автомобиль (4x4) и самосвал	4 x4 i wywrotki
ABS disc	диск для моделей с системой ABS	ABS tarcze
Air brake	пневматическая тормозная система	hamulec powietrzny
Air suspension	пневматическая подвеса	zawieszenie powietrzne
Air/hydraulic system	пневматическая/гидравлическая система	powietrzny/hydrauliczny system
All types	все типы	Wszystkie typy
And tipper	и самосвал	i wywrotki
Articulated bus	сочлененные автобусы	Autobus przegubowy
ate system	система ATE	system ate
Auto Adj	автоматическая регулировка	Automatyczna regulacja
Auxiliary axle	вспомогательная ось	Oś pomocnicza
Axial actuation	привод оси	Sterowanie osiowe
Axle	ось	Oś
Axle load	нагрузка на ось	Obciążenie osi
Axle models	модели осей	Typy osi
Axle trailers	осевые прицепы	Osie przyczepy
Axles with disc brakes	оси с дисковыми тормозами	Osie z hamulcami tarczowymi
Boogie axle	ось тележки прицепа	Oś Boogie
Brake	тормоза	Hamulec
Brake pads	тормозные колодки	Klocki hamulcowe
Build	сделано	Budowa
Cast iron brake shoes	чугунные тормозные башмаки	Żeliwne szczęki hamulcowe
ch. (Chassis)	шасси	nadwozie
Conical drilling	коническое сверление	Wiercenie stożkowe
Coupling flange	фланец муфты	Łącznik
Cylindrical drilling	цилиндрическое сверление	Wiercenie cylindryczne
Disc	диск	Tarcza
Double tyres	сдвоенные шины	Podwójne opony
Drawbars	сцепные устройства	Dyszle
Drum	барабан	Bęben
Duplex brake	дуплексный тормозной механизм	Hamulec Duplex
eaton axle	ось Eaton	Oś eaton
Excl.	исключение	Wyłączając
Excl. 4x4	за исключением 4x4	Wyłączając 4 x4
For air suspension rear	для задней оси с пневмоподвеской	Dla tylnego zawieszenia powietrznego
For pneum. wheel suspension	для колесной пневмоподвески	Dla pneumatycznego zawieszenia kół
Full air system	полностью пневматичекая система	Pełny system powietrzny
FWD (Front wheel drive)	FWD (Передний привод)	FWD (Napęd na przednią oś)
Heavy duty	тяжелонагруженный (Heavy Duty)	Heavy duty
Holes	отверстия	Otwory
Hydraulic brakes	гидравлическая тормозная система	Hamulce hydrauliczne
Independent wheel suspension	независимая система подвески колеса	Niezależne zawieszenie kół
Inner City Bus	городской автобус	Autobus miejski
Leading axle	ведущая ось	Oś prowadząca
Lift axle with single wheels	подъемная ось с одинарными колесами	Oś unoszona z pojedynczymi kołami
Lift axle with twin wheels	подъемная ось со спаренными колесами	Oś unoszona z podwójnymi kołami
Lightweight axle	легковесная ось	Oś lekka
Low loader	низкорамная платформа	Niskopodwoziowa
Man adj (Manual Adjustment)	ручная регулировка	Regulacja ręczna
Model	модель	Model
New version	новая версия	Nowa wersja
Old version	старая версия	Stara wersja
Only	только	Tylko

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ТЕРМИНОЛОГИЯ - SŁOWNIK

Opt	вспомогательный	Opcjonalnie
Opt disc	вспомогательный диск	Opcjonalnie tarcze
Opt. heavy duty	вспомогательная версия - тяжелонагруженный	Opcjonalnie heavy duty
Opt. old version	вспомогательная старая версия	Opcjonalnie stara wersja
Opt/opt.	вспомогательный	Opcjonalnie/Opcjonalnie
Oversize	ремонтный размер	Nadwymiar
Pads	колодки	Klocki
Pickup/Double Cab	пикап/с двойной кабиной	Pickup/Wydłużona kabina
Platform	платформа	Platforma
Range	диапазон	Zakres
Rigid axle	неразрезной мост	Oś sztywna
Rigids & Tipper	жесткорамный самосвал	Ciężarówki i wywrotki
RWD (Rear Wheel drive)	RWD (задний привод)	RWD (napęd na tylną oś)
S Cam	S-образный разжимной кулачок	S Cam
S-Cam brake	барабанный тормоз с S-образным разжимным кулачком	Hamulec S-Cam
Second rear axle	вторая задняя ось	Druga oś tylna
Series	серии	Seria
Simplex brake	симплексный тормоз	Hamulec Simplex
Single rear wheel	одинарное колесо задней оси	Pojedyncze tylne koła
Single wheel	одинарное колесо	Pojedyncze koła
Single wheel base	колесная база одинарных колес	Baza kół pojedynczych
Single wheels	одинарные колеса	Pojedyncze koła
Solid	невентилируемый	Pełny
Solid disc	невентилируемый диск	Tarcze niewentylowane
Steel brake shoes	стальные тормозные башмаки	Stalowe szczęki hamulcowe
SWB (short wheel base)	SWB (короткая колесная база)	SWB (krótki rozstaw osi)
Tandem-axle	тандемная ось	Oś tandem
Thick	толстый	Gruby
Tipper/Tippers	жесткорамный самосвал	Wywrotka/Wywrotki
Ton./tonne/tonnes	тонна/тонн	Ton
Tractors	седельный тягач	Traktory
Trailer Axle	ось прицепа	Oś przyczepy
Trailers equipped with BPW axles	прицепы, оснащенные осями BPW	Przyczepy wyposażone w osie BPW
Trailing axle	ось заднего моста	Oś wleczona
Twin rear wheel	спаренные задние колеса	Podwójne tylne koła
Twin wheel	спаренные колеса	Podwójne koła
Twin wheel base	колесная база спаренных колес	Baza kół podwójnych
Twinsteer tractors	Седельные тягачи Twinsteer (с синхронным управлением двумя разнесенными мостами)	Traktory twinsteer
Underfloor-Series	серии Underfloor (напольные)	Seria Underfloor
Vacuum/hydraulic system	ваккумная/гидравлическая система	Podciśnieniowy/Hydrauliczny system
Vented	вентилируемый	Wentylowany
Ventilated disc	вентилируемый тормозной диск	Tarcze wentylowane
W.I. opt. (Wear Indicator optional)	датчик износа - вспомогательное оборудование	Opcjonalnie czujnik zużycia
W/Ind (Wear Indicator)	датчик износа	Czujnik zużycia
Wheel	колесо	Koło
Wheel opt.	колесо - вспомогательное оборудование	Opcjonalnie koło
Wheel set	комплект колес	Zestaw koła
Wheels/non standard disc	колеса/нестандартный диск	Koła/ nie standardowe tarcze
With air brakes	с пневматической тормозной системой	Z hamulcami powietrznymi
With air brakes opt.	с пневатичекой тормозной системой в качестве опции	Opcjonalnie z hamulcami powietrznymi
With compressed air brakes	с пневатичекой тормозной системой	Z ciśnieniowymi hamulcami powietrznymi
With hydraulic brakes	с гидравлической тормозной системой	Z hamulcami hydraulicznymi
With S-Cam brake	с барабанным тормозом с S-образным разжимным кулачком	Z hamulcem S-Cam
With twin W/I	со спаренными датчиками износа	Z podwójnym czujnikiem zużycia
With W.I holes	с отверстиями для датчиков износа	Z otworami czujnika zużycia
With W.I (wear indicator)	с датчиками износа	Z czujnikiem zużycia
With wear indicator holes	с отверстиями для датчиков износа	Z otworami czujnika zużycia
Z-Cam brake	барабанный тормоз с Z-образным разжимным кулачком	Hamulec Z-Cam





OE AND OES HOMOLOGATIONS FOR THE EUROPEAN CV AFTERMARKET

The Ferodo range for commercial vehicles includes 240 pad references and 315 standard-size lining references, plus many oversizes. It covers almost every commercial vehicle in the European parc, and is complemented by all necessary brake accessories, 190 shapes of rotors and 55 wear indicators.

VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	FERODO	MATERIAL
ASTRA				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 200 mm	BM304, BM305	59234	K00392.0-F3652	3652
BOVA				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 220 mm	Bus	19699/19847/19848	K19847.0-F3539	1616 (F3539)
DAF				
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
Wabco 456 F-Ö	F-Series	29017	FCV376	3422
DENNIS Bus				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
360 x 170 mm	Dart Bus	19918 (19925)	K19918.0-F3653	3663
360 x 170 mm	Dart Bus	19503	K19503.0-F3653	3663
IRISBUS				
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
BREMBO bi-disc 22.5"	IVECO	29075/FCV801	FCV801	3450
BREMBO bi-disc 22.5"	IVECO	29186/FCV1614	FCV1614	3450
MERITOR D-LISA	Citelis E3	29090	FCV1813B	4567
IVECO				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
270 x 79 mm	Daily	15030/15742	K15742.0-F3549	7002
325 x 80 mm	OM series	15732/15733	K15732.0-F3653	3653
325 x 100 mm	Z-series	17924/17925	K17924.0-F3653	3653
325 x 120 mm	Z-series	17635/17636	K17635.0-F3653	3653
325 x 140mm	Z-series	17688	K17688.0-F3653	3653
360 x 170 mm	EuroCargo	19503	K19503.0-F3653	3653
360 x 170 mm	M-series	19918 (19225)	K19918.0-F3653	3653
381 x 177 mm	Twin-wedge brake	19384/19385	K19385.0-F3652	3652
400 x 100 mm	OM series	17372/17373	K00676.0-F3653	3653
410 x 180 mm	EuroTech	19555/19556	K19555.0-F3656	3656
410 x 180 mm	EuroTech (new version)	19556/19715/19714	K19714.0-F3656	3656
410 x 200 mm	EuroTech (new version)	19553/19717/19716	K19716.0-F3656	3656
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
BREMBO 2x68	EuroCargo	29256	FCV4254	3422
BENDIX ADB3700	EuroCargo	29032	FCV770	3475
BENDIX ADB4300	EuroCargo	29011	FCV773	3475
KNORR SB/SN6...	EuroCargo	29197	FCV1275BFE	4550
KNORR SB/SN7 ProTec S®	EuroTech (disc Ø 430 mm)	29253	FCV4296PTS	4550
	Stralis	29253	FCV4296PTS	4550
KNORR SB7600	EuroTech (disc Ø 436 mm)	29196	FCV1914FE	4550
	EuroStar	29196	FCV1914FE	4550
MERITOR 2x68	Z-Series	29067	FCV733	3475
WABCO 456 F-Ö	Z-Series	29017	FCV376	3422
WABCO PAN 17	EuroCargo	29088	FCV1354	4523

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OE UND OES FREIGABEN - HOMOLOGATIONS OE ET OES - OMOLOGAZIONI PER PRIMO IMPIANTO E RICAMBIO ORIGINALE - HOMOLOGACIONES DE EQUIPO Y RECAMBIO ORIGINAL - HOMOLOGAÇÕES OE E OES - OE EN OES HOMOLOGATIES - ОМОЛОГАЦИЯ НА КОНВЕЙЕРНУЮ КОМПЛЕКТАЦИЮ И ПОСТАВКУ ОРИГИНАЛЬНЫХ ЗАПЧАСТЕЙ - HOMOLOGACJE OE I OES

VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	FERODO	MATERIAL
MAN				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
325 x 97 mm	G-Series	15879	K15879.0-F3661	3661
360 x 143 mm	G-Series	17017	K17017.0-F3661	3661
325 x 150 mm	G-Series	17988	K17988.0-F3661	3661
360 x 163 mm	M90-Series	19177	K19177.0-F3661	3661
360 x 183 mm	M90-Series	19708	K19708.0-F3661	3661
410 x 140 mm	Schwere Klasse	17238	K17683.9-F3672	1561
410 x 183 mm	Schwere Klasse	19495	K19487.0-F3658	1561
410 x 223 mm	Schwere Klasse	19496	K19488.0-F3658	1561
410 x 160 mm	MAN Bus	19579/19706	K19579.0-F3539	1616 (F3539)
410 x 220 mm	MAN Bus	19581/19707	K19581.0-F3539	1616 (F3539)
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
KNORR SB/SN5...	TGL	29183/29148	FCV1277BFE	4550
KNORR SB/SN6...	M 2000	29197	FCV1792BFE	4568
	TGM	29197	FCV1792BFE	4568
KNORR SB/SN7... ProTec S®	TGA 07/2003 -> 8/2007	29253 (29179)	FCV4296PTS	4550
	TGX 09/2007 ->	29253 (29179)	FCV4296PTS	4550
	TGS 09/2007 ->	29253 (29179)	FCV4296PTS	4550
	Bus -> 80 km/h speed	29179	FCV1598BFE	4567
MERITOR D3/D-ELSA 1	Bus -> 80 km/h speed	29210 (29030)	FCV1579BFE	4567
	Bus -> 100 km/h speed	29210 (29030)	FCV1578BFE	4568
	M2000	29210 (29030)	FCV1578BFE	4568
	TGA	29210 (29030)	FCV1578BFE	4568
MERITOR D-ELSA 2	Bus -> 80 km/h speed	29156	FCV1656BFE	4567
	Bus -> 100 km/h speed	29156	FCV1404BFE	4568
MERITOR D-ELSA 2	F2000	29156	FCV1404BFE	4568
	TGA	29156	FCV1404BFE	4568
WABCO 1000V-G	L 2000 -> 96	29055	FCV987	4551
WABCO PAN 17	L 2000 97 ->	29088/29144	FCV4283	4568
	M 2000	29088/29144	FCV4283	4568
MERCEDES BENZ				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
260 x 54 mm	T 1 - Series	13020/13532	K13532.0-F3658	1530
300 x 87 mm	T 2 - Series	15059/15869	K15869.0-F3658	1530
304 x 120 mm	LK/LN2-Series	17280	K17928.3-F3658	1530
304 x 135 mm	LK/LN2-Series	17287	K17929.3-F3549	1530
360 x 130 mm	LK/LN2-Series	17949/17950	K17949.0-F3672	1530
300 x 102 mm	O 409 (6 to)	17350	K17973.0-F3658	1530
300 x 122 mm	O 409 (7,5 to)	17975/17351	K17975.0-F3549	1530
360 x 160 mm	LK/LN2-Series	19506/19844	K19844.0-F3658	1530
410 x 120 mm	MK	17682	K17682.9-F3672	1549 (F3672)
410 x 140 mm	SK	17238	K17683.9-F3672	1549 (F3672)
410 x 163 mm	SK	19494	K19486.0-F3672	1549 (F3672)
410 x 183 mm	SK	19495	K19487.0-F3672	1549 (F3672)
410 x 223 mm	SK	19496	K19488.0-F3672	1549 (F3672)
410 x 180 mm	Bus - all models	19579/19706	K19579.0-F3539	1616 (F3539)
410 x 220 mm	Bus - all models	19581/19707	K19581.0-F3539	1616 (F3539)



VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	FERODO	MATERIAL
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
KNORR SB/SN5...	Atego I	29183/29148	FCV1277BFE	4550
KNORR SB/SN6...	Atego I	29197	FCV1275BFE	4550
KNORR SB/SN7 ProTec S®	Actros	29253 (29179)	FCV4296PTS	4550
	Atego II	29253 (29179)	FCV4296PTS	4550
	Axor	29253 (29179)	FCV4296PTS	4550
	Econic	29253 (29179)	FCV4296PTS	4550
KNORR SM7 ProTec S®	F.A. Actros MPIII 10/2010->, MPIV 10/2011->	29246/29247	FCV4417PTS	MB 7121-0
KNORR SL7 ProTec S®	R.A. Actros MPIII 10/2010->, MPIV 10/2011->	29244/29245	FCV4418PTS	MB 7221-0
Meritor D3	O 404	29083	FCV760B	3422
	Tourismo O 350	29083	FCV760B	3422
NEOPLAN				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 220 mm	Bus - all models	19699/19847/19848	K19847.0-F3539	1616 (F3539)
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
KNORR SB/SN7...	Bus - all models	29179	FCV1598BFE	4567
NISSAN Trucks				
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
MERITOR C-LISA	Eco-T	29099	FCV1159B	4572
RENAULT Trucks				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
310 x 125 mm	Midliner/S Series	17350/17352	K00350.1-F3529	928 (F3529)
325 x 150 mm	Midliner/S Series	19709	K00351.0-F3529	928 (F3529)
360 x 170 mm	Midliner/M-S Series	19918	K19255.0-F3537	928 (F3537)
414 x 125 mm	Berliet	17530	K17530.0-F3529	928 (F3529)
414 x 150 mm	Magnum/Major/Manager/Midliner	19934	K19934.0-F3537	928 (F3537)
414 x 150 mm	Berliet	19049	K19049.1-F3529	928 (F3529)
414 x 175 mm	Magnum/Major/Manager/Midliner	19935	K19935.0-F3537	928 (F3537)
414 x 175 mm	Berliet	19657	K19657.0-F3529	962
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
MERITOR 2x68	Midliner	29067	FCV733	3475
MERITOR D3/D-ELSA 1	Magnum	29210 (29030)	FCV1585BFE	4572
	Premium	29210 (29030)	FCV1585BFE	4572
MERITOR D-ELSA 2	Magnum	29156 (29131)	FCV1653BFE	4572
	Premium	29156 (29131)	FCV1653BFE	4572
MERITOR D-LISA	Magnum	29090	FCV1047B	4572
	Premium	29090	FCV1047B	4572
SCANIA				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
413 x 178 mm		19931	K19931.0-F3653	932
413 x 178 mm		19075	K19075.0-F3658	932
413 x 203 mm		19932	K19932.0-F3653	932
413 x 254 mm		19933	K19933.0-F3653	932
413 x 254 mm		19647	K19647.0-F3532	932

FERODO®
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VEHICLE MANUFACTURER	MAIN APPLICATION	WVA	FERODO	MATERIAL
SETRA				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 160 mm	200 / 300 series	19634/19635	K19634.0-F3539	1616 (F3539)
410 x 180 mm	200 / 300 series	19558/19559	K19558.0-F3539	1616 (F3539)
410 x 220 mm	200 / 300 series	19699/19847/19848	K19847.0-F3539	1616 (F3539)
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
MERITOR D3/D-ELSA 1	Bus 300 Series	29210 (29030)	FCV1762BFE	4550
SISU				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 150 mm		19144/19145	K19144.0-F1561	1561
410 x 180 mm		19146/19147	K19146.0-F1561	1561
410 x 210 mm		19217/19218	K19217.0-F1561	1561
SOLARIS				
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
Knorr SB/SN7...	Urbino10-12-15-18	29179	FCV1598BFE	4567
TATRA				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
420 x 160 mm		19648	K19648.0-F3658	1549
van HOOL				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
410 x 180 mm	A300	19946/19947	K19946.0-F3537	1616
410 x 220 mm	AG300	19699/19847/19848	K19847.0-F3539	1616 (F3539)
VOLVO				
LININGS - TROMMELBREMSBELÄGE - GARNITURES - CEPPI - FORROS DE FRENO - CALÇOS - REMVOERINGEN - ТОРМОЗНЫЕ НАКЛАДКИ - OKŁADZINY				
394 x 203 mm	S-cam brake	19562	K19562.0-F3554	932 (F3554)
394 x 254 mm	S-cam brake (Bus B10 - B12)	19799	K19799.0-F3554	932 (F3554)
410 x 125 mm	Z-cam brake	17992	K17992.0-F3526	929 (F3526)
410 x 150 mm	Z-cam brake	19941	K19941.0-F3526	929 (F3526)
410 x 175 mm	Z-cam brake	19090	K19090.0-F3526	929 (F3526)
410 x 200 mm	Z-cam brake	19071	K19071.0-F3526	929 (F3526)
410 x 225 mm	Z-cam brake	19068	K19068.0-F3526	929 (F3526)
PADS - SCHEIBENBREMSBELÄGE - PLAQUETTES DE FREIN - PASTIGLIE - PASTILLAS - PASTILHAS - REMBLOKKEN - ТОРМОЗНЫЕ КОЛОДКИ - KLOCKI				
MERITOR 2x68	FL4, FL6 Serie	29039	FCV702	3422
MERITOR D Duco	CityBus	29125	FCV1962B	4567
MERITOR D Lisa	CityBus	29090	FCV1813B	4567
MERITOR Elsa 225-3	CityBus	29218	FCV4378BFE	4567



AXLE MANUFACTURER	WVA	FERODO	MATERIAL
BPW			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
300 x 150 mm (SN 3015)	19573	K19573.0-F3670	1517 (F3670)
300 x 200 mm (SN 3020)	19574	K19574.0-F3658	1517
360 x 160 mm (SN 3616)	19952/953	K19952.0-F3670	1517 (F3670)
360 x 200 mm (SN 3620)	19902/903	K19902.0-F3658	1517
400 x 120 mm	17016	K17016.0-F3670	1517 (F3670)
420 x 160 mm (SN 4216)	19200	K19200.0-F3670	1517 (F3670)
420 x 180 mm (SN 4218)	19032	K19032.0-F3658	1517
420 x 200 mm (SN 4220)	19094	K19094.0-F3658	1517
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
SN5	29183/29148	FCV1277BFE	4550
DISCOS			
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
KNORR SB/SN6...	29197	FCV1275BFE	4550
KNORR SB/SN7 ProTec S®	29253 (29179)	FCV4296PTS	4550
KNORR SK7	29158	FCV1657B	4550
FRUEHAUF/BENALU			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
311 x 203 mm	19608/19609	K19862.0-F3537	1561
419 x 178 mm	19036/19037	K19036.0-F3658	1561
419 x 178 mm	19613/19614	K00620.0-F3526	1561
419 x 203 mm	19365/19366	K19365.0-F3658	1561
419 x 203 mm	19557/19606	K00622.0-F3526	1561
GIGANT			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
300 x 200 mm (SAE)	19574	K19574.0-F3658	1561
305 x 80 mm (SAE)	15799	K15799.0-F3504	1541 (F3504)
305 x 150 mm (SAE)	19760/19761	K19760.0-F3658	1541
305 x 200 mm (SAE)	19762/19763	K19762.0-F3549	1541
355 x 150 mm (SAE)	19912/19913	K19912.0-F3504	1541 (F3504)
355 x 200 mm (SAE)	19892/19893	K19892.0-F3504	1541 (F3504)
360 x 200 mm (SAE)	19902	K19902.0-F3658	1561
420 x 200 mm (SAE)	19094	K19094.0-F3532	1561 (F3532)
311 x 203 mm (SMB)	19862	K19862.0-F3537	928 (F3537)
360 x 200 mm (SMB)	19718	K19718.0-F3526	929 (F3526)
419 x 178 mm (SMB)	19036	K19036.0-F3658	929
419 x 203 mm (SMB)	19557	K00622.0-F3526	929 (F3526)
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
HALDEX DB19 (SMB)	29207	FCV1815BFE	4581
HALDEX DB22 LT (SAE,SMB)	29195	FCV1814BFE	4581
HALDEX DB22 (SAE,SMB)	29120	FCV1901B	4550
HALDEX DB22 (SMB)	29143	FCV1367B	4550
KNORR SB/SN5 (SAE)	29183/29148	FCV1277BFE	4550
KNORR SB/SN6 (SAE)	29197	FCV1329BFE	4569
KNORR SB/SN6 (SMB)	29197	FCV1275BFE	4550
KNORR SB/SN7 (SMB) ProTec S®	29253 (29179)	FCV4296PTS	4550
HENDRICKSON			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
311 x 127 mm	17942	K17942.0-F3658	3658
335 x 210 mm	19700	K19700.0-F3658	3658
419 x 178 mm	19036	K19036.0-F3658	3658
419 x 219 mm	19369	K19369.0-F3658	3658
KAESSBOHRER			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
400 x 200 mm	19166/19167	K19166.0-F3670	1517
MECANIZACION			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
316 x 200 mm	19858	K19858.0TG	928
410 x 200 mm	19879	K19879.0TG	928

AXLE MANUFACTURER	WVA	FERODO	MATERIAL
RABA			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
420 x 180 mm	19722	K19722.0-F3532	1561 (F3532)
ROR			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
325 x 97 mm	15879	K15879.0-F3661	3661
325 x 150 mm	17988	K17988.0-F3661	3661
360 x 143 mm	17017	K17017.0-F3661	3661
360 x 170 mm	19503	K19503.0-F3653	3653
360 x 183 mm	19708	K19708.0-F3661	3661
381 x 178 mm	19385	K19385.0-F3652	384 (F3652)
400 x 100 mm	17372	K00676.0-F3653	3653
410 x 175 mm	19090	K19090.0-F3658	932
410 x 180 mm	19714	K19714.0-F3656	3656
410 x 200 mm	59234	K00392.0-F3652	3652
410 x 200 mm	19716	K19716.0-F3656	3656
410 x 200 mm	19071	K19071.0-F3526	929 (F3526)
410 x 255 mm	19068	K19068.0-F3526	929 (F3526)
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
MERITOR DX195	29155	FCV1857BFE	4550
MERITOR ELSA 195	29169	FCV1624B	4562
MERITOR D-ELSA2	29156	FCV1653BFE	4572
SAF			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
300 x 200 mm (SN)	19515/19516	K19515.0-F3658	1541
355 x 155 mm (SN)	19912/19913	K19912.0-F3504	1541 (F3504)
355 x 200 mm (SN)	19892/19893	K19892.0-F3504	1541 (F3504)
367 x 180 mm (SNK)	19479/19480	K19480.0-F3658	1561
420 x 180 mm (SNF)	19032	K19032.0-F3658	1541
420 x 180 mm (SNK)	19283/19284	K19283.0-F3658	1541
420 x 200 mm (SNF)	19094	K19094.0-F3658	1541
420 x 200 mm (SNK)	19477/19478	K19477.0-F3504	1541 (F3504)
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
KNORR SB/SN6...	29197	FCV1329BFE	4569
KNORR SB/SN7 ProTec S®	29253	FCV4344PTS	4569
S.A.E			
see GIGANT			
SCHMITZ CARGOBULL			
PADS – SCHEIBENBREMSBELÄGE – PLAQUETTES DE FREIN – PASTIGLIE – PASTILLAS – PASTILHAS – REMBLOKKEN – ТОРМОЗНЫЕ КОЛОДКИ – KLOCKI			
KNORR SB/SN7 ProTec S®	29253	FCV4344PTS	4569
SMB			
see GIGANT			
TRAILOR			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
300 x 200 mm	19967/19968	K19967.0-F3538	1541
355 x 150 mm	19912/19913	K19912.0-F3504	1541 (F3504)
419 x 178 mm	19036/19037	K19036.0-F3658	1541
419 x 203 mm	19365/19366	K19365.0-F3658	1541
WABCO Perrot			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
260 x 54 mm	13532	K13532.0-F3653	7002
270 x 79 mm	15742	K15742.0-F3549	1530/7002
325 x 97 mm	15817	K15817.0-F3652	3652
325 x 147 mm	17900	K17900.0-F3652	3652
360 x 170 mm	19503	K19503.0-F3653	3653
410 x 200 mm	19847	K19847.0-F3539	1537
ZF			
LININGS – TROMMELBREMSBELÄGE – GARNITURES – CEPPI – FORROS DE FRENO – CALÇOS – REMVOERINGEN – ТОРМОЗНЫЕ НАКЛАДКИ – OKŁADZINY			
410 x 160 mm	19849/19850	K19849.0-F3539	1616 (F3539)
410 x 220 mm	19699/19847/19848	K19847.0-F3539	1616 (F3539)



BRAKE SYSTEM MANUFACTURER	MAIN APPLICATION	WVA	FERODO	MATERIAL
BREMBO				
Disc 19,5"	RVI Bus R312	29072	FCV624	3538
Disc 22,5"	Irisbus 370	29075	FCV801	3450
Disc 22,5"	Irisbus 491	29186	FCV1614	3450
HALDEX				
DB19	Gigant	29207	FCV1815BFE	4581
DB22LT	Gigant, S.A.E., SMB	29195	FCV1814BFE	4581
DB22	Gigant Typ MK IV,MK V	29120	FCV1901B	4550
DB22	Gigant Typ MK II, MK III	29143	FCV1367B	4550
KNORR-BREMSE				
ADB 3700	Iveco	29032	FCV770	3475
ADB 4300	Iveco	29011	FCV773	3475
SB 7600	Iveco	29196	FCV1914FE	4550
SB/SN5	MAN, Mercedes Benz, BPW, SAE	29183/29148	FCV1277BFE	4550
SB/SN6	Iveco,Mercedes Benz, Discos, SMB	29197	FCV1275BFE	4550
SB/SN6	MAN	29197	FCV1792BFE	4568
SB/SN6	SAE, SAF	29197	FCV1329BFE	4569
SB/SN7 ProTec S®	Iveco,MAN, Mercedes Benz, Discos, SMB	29253	FCV4296PTS	4550
SB/SN7	MAN Bus bis 80 km/h, Neoplan	29179	FCV1598BFE	4567
SB/SN7 ProTec S®	SAE, SAF, Schmitz	29253	FCV4344PTS	4569
SK7	Discos	29158	FCV1657B	4550
SM7 ProTec S®	Mercedes Benz	29246/29247	FCV4417PTS	MB 7121-0
SL7 ProTec S®	Mercedes Benz	29244/29245	FCV4418PTS	MB 7221-0
MERITOR				
2x68	Volvo	29039	FCV702	3422
2x68	Iveco, RVI	29067	FCV733	3475
C-Lisa	Nissan	29099	FCV1159B	4572
D3	Mercedes Benz	29083	FCV760B	3422
D3	Setra	29210 (29030)	FCV1762BFE	4550
D3 / Elsa1	MAN Bus up to 80 km/h speed max	29210 (29030)	FCV1579BFE	4567
D3 / Elsa1	MAN,MAN Bus up to 100 km/h speed max	29210 (29030)	FCV1578BFE	4568
D3 / Elsa1	RVI	29210 (29030)	FCV1585BFE	4572
D-Duco	Volvo Bus	29125	FCV1962B	4567
D-Elsa2	MAN Bus up to 80 km/h speed max	29156 (29131)	FCV1656BFE	4567
D-Elsa2	MAN,MAN Bus up to 100 km/h speed max	29156 (29131)	FCV1404BFE	4568
D-Elsa2	RVI, ROR	29156 (29131)	FCV1653BFE	4572
D-Lisa	Irisbus, Volvo Bus	29090	FCV1813B	4567
D-Lisa	Dennis, RVI	29090	FCV1047B	4572
DX 195	ROR, Volvo	29155	FCV1857BFE	4550
Elsa 195	ROR	29169	FCV1624B	4562
Elsa 225-3	Volvo Bus	29218	FCV4378BFE	4567
WABCO				
456 F-Ö	DAF,Iveco	29017	FCV376	3422
1000 V-G	MAN	29055	FCV987	4551
1600 V-G	Iveco	29077	FCV1042	3475
PAN 17	Iveco	29088	FCV1354	4523
PAN 17	MAN	29088/29144	FCV4283	4568
PAN 19-1	Trailer	29159	FCV4043	4569
PAN 22-1	Trailer	29162	FCV1828	4569

FERODO®
YOU'RE IN CONTROL

BRAKE ADJUSTMENT: RUNNING CLEARANCE

BRAKE OVERHEATING

Brakes can overheat for a number of reasons. One of the most common, and most easily solved is due to incorrect setting of the running clearance between brake pad and disc.

Not testing or not setting this regularly and correctly, can have two results.

- When clearance is set too high, poor brake performance is likely to be the result with the pad not completely meeting the disc for full friction.
- When the clearance is set too low, the brake pad and disc meet, causing friction and so overheating the brake system – resulting in poor brake performance, brake judder, noise, and even permanent disc damage. This permanent damage happens when hot spots lead to plastic deformation of the disc due to the yielding point of the material being exceeded. During the re-cooling process, cracks in the disc occur at these hot spot locations.

CHECKING CLEARANCE

The running clearance should be checked regularly. As pads and discs wear, the running clearance steadily increases. All air disc brakes are fitted with an automatic adjuster which self-adjusts during brake applications to accommodate for brake pad and disc wear. However, they should be checked regularly to ensure they are maintaining proper push rod travel.

Once an adjuster has been properly installed, automatic adjusters should not need manual adjustment. Automatic adjusters should be checked by a mechanic at each brake pad change or in the case where the brake is running hot. If an automatic adjuster is found to stroke beyond the maximum allowed, this usually indicates that there are other brake problems and these should be analysed and solved.

Hereafter we will guide you through the brake adjuster check procedure and give you the recommended running clearances for several brake systems.

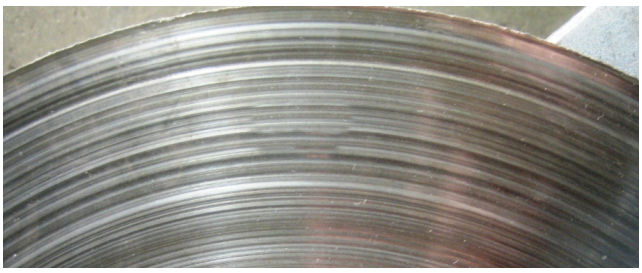
RECOMMENDED RUNNING CLEARANCES BY BRAKE SYSTEM

MANUFACTURER	TYPE	RUNNING CLEARANCE (MM)
KNORR-BREMSE	SN5000	0.6-1.1
	SB6000	0.6-1.0
	SN7000	0.6-1.1
	SN7000 for Scania	0.5-1.0
	SK7000	0.6-1.0
ARVINMERITOR	D-Elsa1	0.5-0.7
	D3	0.6-0.8
	D-Elsa2	0.6-0.8
HALDEX	DB19 with 10mm thrust plate	0.6-0.9
	DB19 with 6mm thrust plate	0.8-1.2
	DB22LT	0.6-1.2
	DB22 with 10mm thrust plate	0.6-0.9
	DB22 with 6mm thrust plate	0.8-1.2
WABCO	PAN17	0.6-0.9

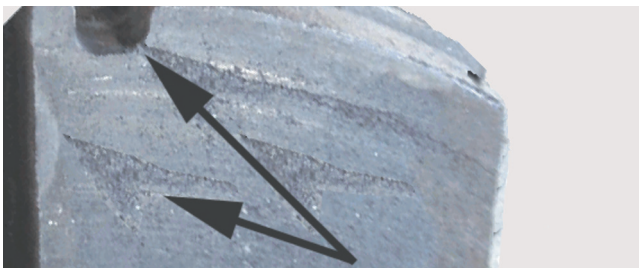




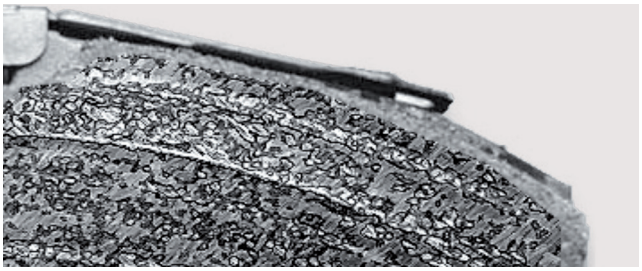
CV TROUBLE TRACER BRAKE PADS AND DISCS



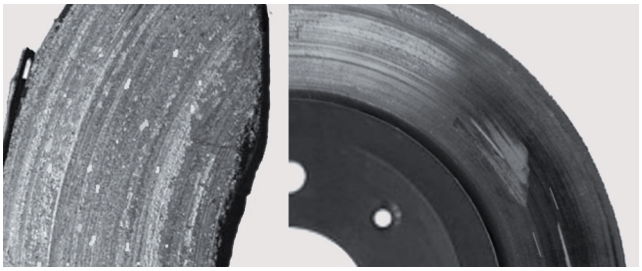
APPEARANCE	Disc featuring scored surface.
CAUSE	Pads fitted with friction material too harsh for the disc or new pads assembled on excessively worn out discs.
EFFECT	Reduction in braking performance and possible inbalance on the affected axle during braking.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. • If necessary, replace the disc. • Check for the quality of the spare parts used.



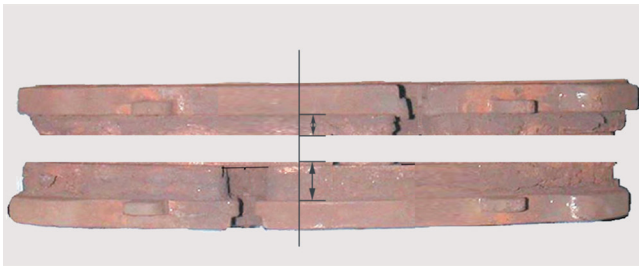
APPEARANCE	Excessively worn out discs and pads.
CAUSE	Possible contamination of the friction material by sand, mud or earth or incomplete return of the caliper gear.
EFFECT	Excessive wear of one or more brake pads, resulting in damage where the pad has not been fitted with a wear indicator.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



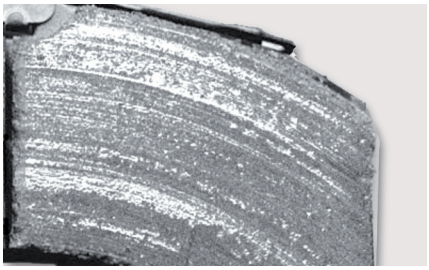
APPEARANCE	Contaminated pad friction material.
CAUSE	Contamination by an oily substance or solvent.
EFFECT	Reduction in braking performance and possible imbalance during braking.
REMEDY	• Replace the pads. • Check the discs on the axle. • Identify any fluid leaks from the hubs or other nearby components.



APPEARANCE	Friction includes metal pick-up.
CAUSE	High temperature generated between brake pad and disc in wet conditions.
EFFECT	Wear of the affected brake disc with typical metal rubbing noise during braking.
REMEDY	• Replace the pads. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.

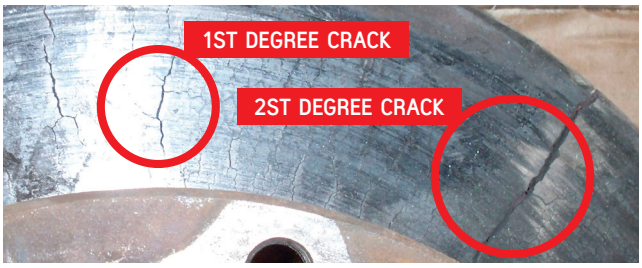


APPEARANCE	Uneven brake pad wear.
CAUSE	One of the calipers has become stuck or does not return correctly to the rest position.
EFFECT	Reduction in braking performance and possible inbalance on the involved axle, during braking.
REMEDY	• Replace the pads. • Brake calipers should be checked.

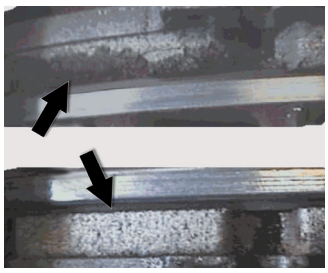


APPEARANCE	Glazed pad friction material.
CAUSE	Very low duty applied on the brakes, i.e. brake applications with low speed and low pressure.
EFFECT	Reduction in braking performance and typical noise (squeal) while braking.
REMEDY	• If glazing is not too heavy can try to recondition the surface by some mileage of medium/hard brake duty, otherwise replace the pads. • Check the disc condition and minimum thickness.

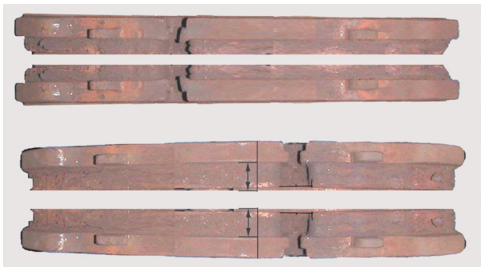
Periodic inspection of the braking system is essential. It is recommended that when it is necessary to replace brake discs it is safe practise to also replace brake pads. Both should always be replaced across the axle.



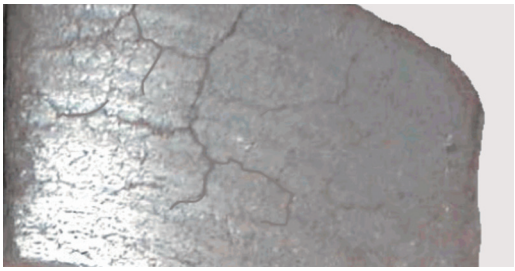
APPEARANCE	Disc surface features 1st and 2nd degree crack.
CAUSE	Too intensive use of brakes due to the track features or to the carried load.
EFFECT	Possible unexpected disc mechanical collapse, particularly with 2nd degree crack.
REMEDY	• Compulsory replacement of brake discs and pads, particularly with 2nd degree crack, when one of the cracks is travelling from OD to ID. • Brake calipers shall be checked.



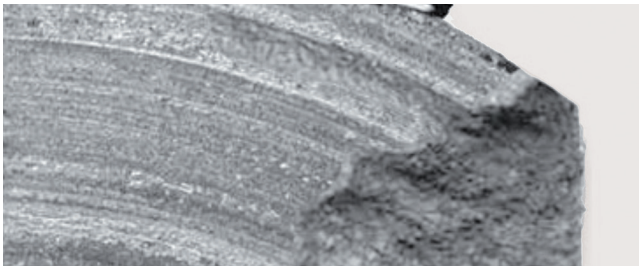
APPEARANCE	Damaged edges to the friction material (edge-crumbling).
CAUSE	Brake pad has become stuck in the caliper. The parts used do not comply with the correct sizes and specifications.
EFFECT	Early pad deterioration and uneven disc wear.
REMEDY	• Replace the pads. • Check for correct caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



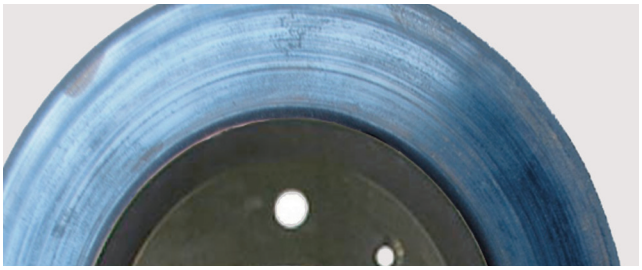
APPEARANCE	Pads on the same axle featuring uneven wear.
CAUSE	Incorrect return of one caliper on the same axle.
EFFECT	If the axle involved is the directional one, this fault may result in vehicle instability during brake release.
REMEDY	• Replace the pads. • Check for the proper caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



APPEARANCE	Pad with surface cracks.
CAUSE	Excessive load or high friction material temperature.
EFFECT	Possible detachment of friction material resulting in a reduction in braking performance.
REMEDY	• Replace the pads. • Check for correct caliper operation. • Check disc condition and minimum thickness. • If necessary, replace both discs on the axle.



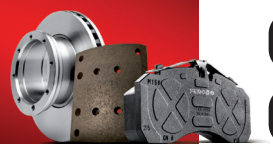
APPEARANCE	Detached friction material.
CAUSE	Possible excessive load or heavy braking, along with the choice of unsuitable parts.
EFFECT	Reduction in braking performance and typical noise (squeal) while braking.
REMEDY	• Replace the pads. • Check the disc condition and minimum thickness. • Despite having a wear indicator, it is necessary to check the pad condition every normal garage brake control visit and/or every six months.



APPEARANCE	Blue stripes on the disc indicating a physical change due to overheating.
CAUSE	Intensive use of brakes for prolonged braking or improper downhill braking.
EFFECT	Brake disc overheating which may result in contact surface distortion and cracks.
REMEDY	• Compulsory replacement of brake discs and pads. • During the first 250 km after replacement, sharp braking should be avoided in order to allow for the correct bedding-in of the newly fitted components.

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COMPETITOR TEST: COMPRESSIBILITY & HEAVY METALS

FERODO'S DURABILITY & SAFETY IS PROVEN ONCE AGAIN

Whether you run a fleet of commercial vehicles or just repair them, one of your biggest concerns is keeping them on the road, running smoothly without accidents or unnecessary downtime. Brake quality and brake performance are key in achieving this.

STABLE FRICTION COMPRESSIBILITY IS THE MOST VALID MEASURE OF BRAKE PAD QUALITY

The compressibility of a brake pad's friction material should be within certain limits. It should be hard enough to ensure good pedal feel, minimal wear and sufficient power transfer from the pads to the disc. And at the same time it should be elastic enough to ensure sufficient grip on different disc surfaces. This makes it arguably the most important indicator of manufacturing process quality.

Ideally, brake friction compressibility is constant throughout the pad. So the less variation in compressibility values, the better the durability, safety and quality you get. The variation is determined by many factors, including:

- the quality of the raw material ingredients in the friction material mix
- the way the friction material has been mixed
- the quality and consistency of the pressing process
- blistering during the press-curing process
- cracks in the friction material
- the bonding process between friction material and back plate

A DIRECT CORRELATION TO MAINTENANCE REQUIREMENTS AND POTENTIAL ON-ROAD ACCIDENTS

A high variation in brake friction compressibility can cause excessive brake wear. It can also decrease brake performance and consistency. Each of these issues can drastically shorten service intervals, and performance/consistency issues might even pose a threat to the driver's safety.

FERODO PADS HAVE SOME OF THE LOWEST COMPRESSIBILITY VARIATIONS YOU WILL FIND

We compared the compressibility of Ferodo pads to that of competitor pads, measuring the compressibility in multiple areas of the friction material. The table shows the range between the minimum and maximum compressibility values.

VARIABILITY TEST

Material		Ferodo FER 4550	Comp. 1	Comp. 2	Comp. 3	Comp. 4
Compressibility RT (5MPa) (µm)	Average	131	163	141	92	66
Range	Min / Max	111-157	131-206	106-183	78-113	54-82
	Variability Factor	**0.35**	**0.46**	**0.54**	**0.38**	**0.42**
Compressibility RT (8MPa) (µm)	[µm]	200	233	218	127	101
Range	Min / Max	171-231	196-285	169-276	111-154	85-118
	Variability Factor	**0.30**	**0.38**	**0.49**	**0.33**	**0.32**

The results prove that Ferodo offers some of the lowest – and therefore some of the best – variability factors on the market. We beat the competition at both 5MPa and 8MPa. This higher quality prevents the friction material from shearing off the back plate while driving. What's more, it ensures longer brake pad life with lower maintenance costs – which equals increased vehicle uptime.

FERODO IS CONCERNED ABOUT YOUR HEALTH AND OUR ENVIRONMENT

At Ferodo, we understand that heavy and toxic metals have a major impact on workshop and installer safety – not to mention they seriously pollute the environment. Many of the competitor pads currently in the market still contain dangerous metals in their friction materials. The table below shows the ecological rankings for non-exhaust emissions provided by the EU in its Protocol for Heavy Metals.

Grade		Friction Material is free from the following:
Grade 1	**ECO-1**	Free of lead (<1000ppm) / Cadmium ≤ 2ppm
Grade 2	**ECO-2**	As grade 1, & free of Antimony and its compounds
Grade 3	**ECO-3**	As grade 2, & free of Toxicological fibres
Grade 3E	**ECO-3E**	As grade 2, & free of Toxicological critical fibres (aramid fibres permissible)
Grade 4	**ECO-4**	As grade 3, & free of Copper, copper alloys and copper compounds
Grade 4E	**ECO-4E**	As grade 3, & free of Copper, copper alloys and copper compounds (<1000ppm)

Ferodo puts your safety first. We are one of the very first brake product manufacturers to exclude any dangerous metals such as antimony and lead, and have achieved a grading of ECO-3E. We use only safe raw materials that are of a higher quality and ensure improved compressibility and low wear.

COMPONENT TESTING

Main Constituents XRF		Ferodo FER 4550	Comp. 1	Comp. 2	Comp. 3	Comp. 4
Iron	Fe	x	x	x	x	x
Aluminium	Al	x	x		x	
Copper	Cu	x	x	x	x	x
Magnesium	Mg	x				
Chromium	Cr	x			x	x
Calcium	Ca	x				x
Tin	Sn	x			x	
Barium	Ba		x	x	x	x
Zinc	Zn			x	x	x
Silicon	Si			x		
Manganese	Mn				x	
Antimony	**Sb**		x	x		x
Lead	**Pb**					x
ECO-Rank		ECO-3E	ECO-1	ECO-1	ECO-2	Not ECO



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RECOMMENDED FRICTION MATERIALS

BRAKE MANUFACTURER	CALIPER	WVA REFERENCE	FRICTION MATERIAL	OE APPROVED MATERIAL	(PART NUMBER)	(PART NUMBER)
HALDEX	DB19	29207	4581		**FCV1815BFE**	
	DB19	29207	4581	YES		**FCV1815BFE**
	DB22	29120	4550	YES		**FCV1901B**
	DB22	29143	4550	YES		**FCV1367B**
	DB22LT	29195	4581	YES		**FCV1814BFE**
KNORR-BREMSE	SB/SN5	29183 (ex 29115)	4550	YES	**FCV1277BFE**	
	SB/SN5	29183 (ex 29115)	4550	YES		**FCV1277BFE**
	SB/SN6	29197 (ex 29094)	4550	YES	**FCV1275BFE**	
	SB/SN6	29197 (ex 29094)	4550	YES		**FCV1275BFE**
	SB/SN6	29197 (ex 29094)	4569			**FCV1329BFE**
	SB/SN6	29197 (ex 29094)	4568	YES	**FCV1792BFE**	
	SB3745T (SN6)	29165	4575			**FCV1678B**
	SB/SN7	29253 (ex 29179)	4550	YES	**FCV4296PTS***	
	SB/SN7	29253 (ex 29179)	4567		**FCV4345PTS***	
	SB/SN7	29179 (ex 29061)	7083		**FCV1373DFE**	
	SB/SN7	29253 (ex 29179)	4550	YES		**FCV4296PTS***
	SB/SN7	29253 (ex 29179)	4550			
	SB/SN7	29253 (ex 29179)	4569			**FCV4344BFE***
	SB/SN7	29179 (ex 29061)	4567	YES		
	SB4345T (SN7)	29167	4575			**FCV1677B**
	SK7000	29158	4550	YES		**FCV1657B**
	SB4309T (SK7)	29171	4575			**FCV1825B**
	SB7600	29196 (ex 29105)	4550	YES	**FCV1914FE**	
	SM7	29246/29247	MB 7121-0	YES	**FCV4417PTS**	
	SL7	29244/29245	MB 7221-0	YES	**FCV4418PTS**	
MERITOR	C-DUCO	29137	4562		**FCV1387B**	
	C-LISA	29099	4572	YES	**FCV1159B**	
	D-LISA	29090	4572	YES	**FCV1047B**	
	D-LISA	29090	4567	YES		
	D3/D-Elsa1	29210 (ex 29030)	4572	YES	**FCV1585BFE**	
	D3/D-Elsa1	29210 (ex 29030)	4568	YES	**FCV1578BFE**	
	D3/D-Elsa1	29210 (ex 29030)	4568	YES		
	D3/D-Elsa1	29210 (ex 29030)	4567	YES		
	D3/D-Elsa1	29210 (ex 29030)	4550	YES		
	D3/D-ELSA1	29083	3422	YES		
	D-Elsa2	29156 (ex 29131)	4572	YES	**FCV1653BFE**	
	D-Elsa2	29156 (ex 29131)	4572	YES		**FCV1653BFE**
	D-Elsa2	29156 (ex 29131)	4568	YES	**FCV1404BFE**	
	D-Elsa2	29156 (ex 29131)	4568	YES		
	D-Elsa2	29156 (ex 29131)	4567	YES		
	D-DUCO	29125	4562		**FCV1388B**	
	D-DUCO	29125	4562			**FCV1388B**
	D-DUCO	29125	4567	YES		
	DLE-DUCO	29151	4550			**FCV1952B**
	DX195	29155 (ex 29124)	4550	YES		**FCV1857BFE**
	DX225	29150	4567			
	DX225	29180	4562	YES		
	Elsa195	29169	4562	YES		**FCV1624B**
	Elsa225-1	29203	4567		**FCV4377B**	
	Elsa225-3	29218	4567		**FCV4378BFE**	
	Elsa225-3	29218 (ex 29219)	4567	YES		
	EX225H2	29187	4567			
	VGT195	29177	4572		**FCV4170B**	
WABCO	Pan17	29088/29144	4568	YES	**FCV4283**	
	Pan17	29088	4551		**FCV1279**	
	Pan17	29088	4523	YES	**FCV1354**	
	Pan19-1	29159	4568		**FCV1964**	
	Pan19-1	29159	4569	YES		**FCV4043**
	Pan19-1	29159	4567			
	PAN19-2	29141/29142	4572		**FCV1389**	
	Pan22	29154	4550			**FCV1366**
	Pan22-1	29162	4550	YES		**FCV1828**

FERODO®
YOU'RE IN CONTROL

EMPFOHLENES REIBMATERIAL (MATERIALMISCHUNG) - MATÉRIAUX DE FRICTION RECOMMANDÉS - MATERIALES DE FRICCIÓN RECOMENDADOS - MATERIALE FRENANTE RACCOMANDATO - MATERIAIS DE FRICÇÃO RECOMENDADOS - AANBEVOLEN FRICTIEMATERIALEN - РЕКОМЕНДОВАННЫЕ ФРИКЦИОННЫЕ МАТЕРИАЛЫ - REKOMENDOWANE MATERIAŁY CIERNE



(PART NUMBER)	TYPICAL APPLICATIONS	COMMENTS
	RENAULT Trucks/VOLVO	
	GIGANT	
	FRUEHAUF/GIGANT/SAF	MKII, MKIII
	FRUEHAUF/GIGANT/SAF	MKIV, MODUL-X
	GIGANT	
	MAN TGL, MB Atego	
	BPW, SAE	
	IVECO Eurocargo, MB Atego	
	DISCOS, SMB	
	BPW ->04/2003, GRANNING LYNX, SAE, SAF	
	MAN M2000, MAN TGM	
	BPW 05/2003-> disc Ø 370mm	Tangentially mounted
	IVECO Eurocargo, EuroStar, EuroTech, Stralis, MB Actros, MAN TGA, TGS, TGX	*ProTec S® version
	DAF Trucks	*ProTec S® version / HD option FCV1373BHD available
	SCANIA	Kit includes threaded forks
	DISCOS, SMB	*ProTec S® version
FCV4296PTS*	MAN COACHES	*ProTec S® version
	BPW ->04/2003, GRANNING LYNX, SAE, SAF, SCHMITZ	*ProTec S® version
FCV1598BFE	IVECO My Way, MAN Buses ->80km/h, MB Citaro, MB Integro, Neoplan All Mods	
	BPW 05/2003-> disc Ø 430mm	Tangentially mounted
	DISCOS, SAF	
	BPW	Tangentially mounted
	IVECO Eurocargo, EuroTech, EuroStar, EuroTrakker	Replace FCV1313
	New MB Actros 10/2010 onwards	ProTec S® Technology
	New MB Actros 10/2010 onwards	ProTec S® Technology
	VOLVO FL Series	
	NISSAN	
	DENNIS, RVI Magnum, Premium	
FCV1813B	VOLVO BUS	
	RENAULT Trucks Manager, Premium, Magnum	
	MAN F2000, M2000, F90, TGA	Oversize pad FCV1583B
FCV1578BFE	MAN BUS ->100 km/h	Oversize pad FCV1583B
FCV1579BFE	MAN BUS -> 80 km/h, DENNIS, KAROSA, IRISBUS (RVI)	Oversize pad FCV1584B
FCV1762BFE	SETRA BUS	Oversize pad FCV1763B
FCV760B	MB O404, MB Tourismo	Oversize pad FCV1086B
	RENAULT Trucks Premium, Magnum	
	ROR	
	ERF ECS/ECX, MAN TGA	
FCV1404BFE	MAN BUS ->100 km/h	
FCV1656BFE	MAN BUS -> 80 km/h, KAROSA, IRISBUS (RVI)	
	VOLVO FH Series, FL 618	
	ROR	
FCV1962B	VOLVO BUS	
	VOLVO	Lift axle
	ROR 19.5" & 22.5"	Replace FCV1314B
FCV1821B	IVECO CityClass, MENARINI	pad sizes 249x117,50x30
FCV4352B	Airport busses	pad sizes 235,5x109x29
	ROR 19.5" & 22.5" 2003 -->	
	VOLVO Trucks FL Series (05/06 ->) / RENAULT Trucks New Midlum Series 05/06->	Replace FCV1856B
	VOLVO new FM, FH, FE Series, RENAULT Trucks New Magnum Dxi and Premium	Replace FCV1989BFE
FCV4378BFE	VOLVO BUS	Replace FCV4115BFE
FCV4311B	Optare Tempo 2006->	
	RENAULT Magnum, Premium/VOLVO FH	Lift axle
	MAN	
	DAF, RENAULT TRUCKS	
	IVECO	
	DAF	
	SAF, SMB	
FCV1963	DENNIS BUS, SOR BUS	
	DAF, RENAULT TRUCKS	
	SMB	
	SMB, SAF	



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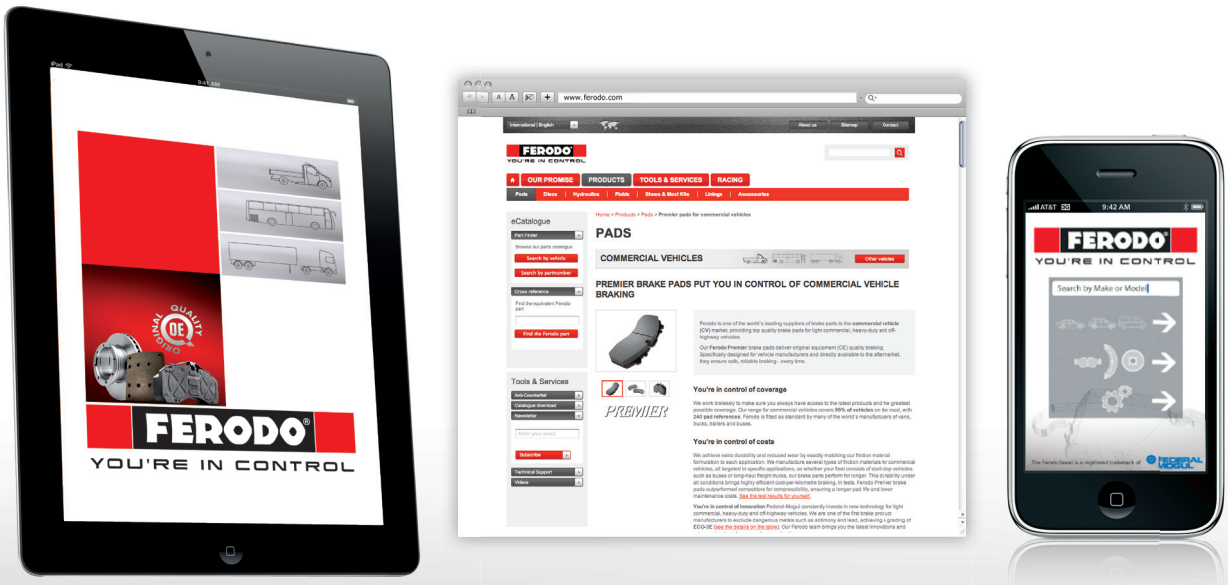
- THE LATEST UPDATES
- PRODUCT SPECIFICS FOR LV, CV AND HIGH PERFORMANCE PRODUCTS
- GENERAL TECHNICAL SUPPORT, TECHNICAL TIPS, VEHICLE SPECIFIC INSTALLATION GUIDES AND TROUBLE TRACERS
- MARKETING SUPPORT: PRODUCT RANGE PRESENTERS, GENERAL DOWNLOADS AND COMPETITOR BENCHMARKING
- CATALOGUE DOWNLOADS

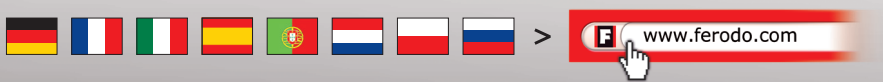
FACT

NEW & UPDATED WEBSITE AND ONLINE APPLICATIONS

Feel free to visit **www.ferodo.com** to discover our latest news and information. An all-new version of the site was launched in September with dedicated versions in French, German, Italian and Russian already operational. Other language versions will be introduced in the future. To enhance our digital presence even further, we are also developing different mobile applications. Our catalogue app is already proving popular.







FERODO®
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NEW TO RANGE

NEU IM PROGRAMM - NOUVEAUTÉS - NUOVI INSERIMENTI - NUEVO EN LA GAMA - NOVO NA GAMA - NIEUW IN HET GAMMA - НОВИНКИ - NOWOŚĆ W PROGRAMIE

Ferodo partnr	Material	R90 APPROVAL	WVA	OLD	Brake system	REMARKS
FCV1373BHD	FER4576	E1 90 R - 011142/203	29179		KNORR SB/SN7	Heavy-Duty version
FCV1373DFE	7083	E1 90 R – 011472/233	29179		KNORR SB/SN7	Scania version
FCV1814BFE	FER4581	E1 90 R – 011504/240	29195		HALDEX DB22LT	
FCV1815BFE	FER4581	E1 90 R-01818/217	29207		HALDEX DB19	
FCV1964	FER4568	E1 90 R – 01992/201	29159		WABCO PAN 19-1	accessories available separately
FCV4043	FER4569	E1 90 R – 011143/191	29159		WABCO PAN 19-1	accessories available separately
FCV4170B	FER4572		29177		ARM VGT195	
FCV4254	FER3422	E9 90R - 01177/2682	29256		BREMBO 2X68	
FCV4283	FER4568	E1 90 R – 01992/185	29088		WABCO PAN17	accessories available separately
FCV4296PTS	FER4550	E1 90 R – 011142/203	29253	29179	KNORR SB/SN7	ProTec S technology
FCV4311B	FER4567		29187		ARM EX225H2	Optare (DAF) Bus
FCV4344PTS	FER4569	E1 90 R – 01560/127	29253	29179	KNORR SB/SN7	ProTec S technology
FCV4345PTS	FER4567	E1 90 R - 01818/202	29253	29179	KNORR SB/SN7	ProTec S technology for DAF Trucks
FCV4352B	FER4562		29180		ARM DX225	Special applications
FCV4374BFE	FER4550	E1 90 R – 011142/203	29179		KNORR SB/SN7	Wear indicator for Bova included in the pad box
FCV4377B	FER4567	E1 90 R – 01818/229	29203		ARM Elsa225-1	
FCV4378BFE	FER4567	E1 90 R – 01818/228	29218		ARM Elsa225-3	
FCV4417PTS	MB 7121-0	E1 90 R - 011455/231	29246/29247		KNORR SM7	
FCV4418PTS	MB 7221-0	E1 90 R - 011331/211	29244/29245		KNORR SL7	
FCV4419	FER5200	E1 90 R – 011301/204	29279		WABCO NG22MAX	accessories available separately
FVR1761	FER4248	NOT REQUIRED	29208		-	
FVR1791	FER4020	E9 90R 01169/2079	29237		BRE	
FVR1876	FER4260	E11 90R 01202/5194	21592	FVR1045	ATE	
FVR1879	FER4020	E9 90R 01169/2020	29153	FVR1043	PER	
FVR4036	FER4371	E9 90R 01831/2176	29229		BRE	
FVR4037	FER4156	E9 90R 01215/2284	29232		BRE	
FVR4038	FER4020	E9 90R 01169/643	29122		BRE	
FVR4039	FER4156	E9 90R 01193/2500	29231		BRE	
FVR4053	FER4371	E9 90R 01831/2175	29230		BRE	
FVR4054	FER4020	E11 90R 01191/5328	23921		BRE	
FVR4140	FER4496	E11 90R 01373/7157	29123		BRE	
FVR4156	FER4401	E9 90R 01864/2280	29121		BRE	
FVR4248	FER4401	E9 90R 01864/2079	29160		BRE	
FVR4347	FER4020	E11 90R 01191/10586	25147/25165		BRE	
FVR4348	FER4020	E11 90R 02A0191/13699	-		BRE	
FVR4349	FER4431	E11 90R 01A0192/10819	25172/25173		BRE	
FCR313A					Brembo	
FCR314A					Brembo	
FCR315A					Brembo	
FCR316A					Brembo	
FCR317A					Brembo	
FCR318A					Knorr	
FCR319A					Knorr	
FCR320A					Brembo	
FCR321A					Brembo	
FCR322A						
FCR329A					Brembo	
FCR330A					Knorr	
FCR331A					Knorr	
FCR332A					Brembo	
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FCR341A						
FCR342A					Brembo	
FCR343A					Brembo	

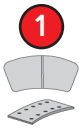




HOW TO USE

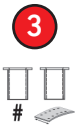










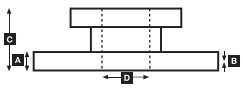








...MERCEDES-BENZ																		
Actros 2010																		
MP III	10/10→	F	FCV4417PTS	2	29246		244.6	113.7	35									
				2	29247		244.6	113.7	30									
		R	FCV4418PTS	2	29244	430	207.6	113.7	30									FCR145A
				2	29245	430	207.6	113.7	35									
Actros 2011																		
MP IV	10/11→	F	FCV4417PTS	2	29246		244.6	113.7	35									
				2	29247		244.6	113.7	30									
		R	FCV4418PTS	2	29244	430	207.6	113.7	35									FCR145A
				2	29245	430	207.6	113.7	30									
Atego I																		
712, 715, 812, 815, 817, 823 - models fitted with Knorr SB/SN5 Caliper 90-170kW	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34									FCR186A
		R	FCV1277BFE	4	29183	335	185	84	27/34									FCR187A
917, 923, 925, 1017, 1023 - models fitted	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34									FCR186A

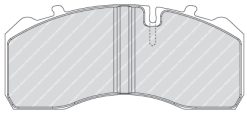
1	Disc pad and lining set	Bremsbelagsatz und Trommelbremsbeläge	Jeu de plaquettes Jeu de garnitures	Serie pastiglie e ceppi	Freno de disco y conjunto de forros
2	Comments	Kommentare	Commentaires	Note	Comentarios
3	Rivet reference	Nieten-Ref.	Référence de Rivet	Codice rivetto	Referencia de remache
4	Wear Indicator	Verschleissanzeiger	Témoin d'usure	Indicatore d'usura	Indicador de desgaste
5	Accessory Kit	Zubehörkit	Accessoires	Kit accessori	Kit de accesorios
6	Disc reference	Bremsscheiben-Ref.	Référence de Disque	Codice disco	Referencia del disco
7	Front/Rear Fitment	Vorder-/Hinterachse	Montage avant/arrière	Anteriore/posteriore	Ajuste trasero/delantero
8	Brake Pad quick reference image	Abbildungen Scheibenbremsbeläge	mini-dessin plaquette	Sagoma pastiglia	Imagen de referencia rápida de la pastilla de freno
9	Wear indicator image and dimensions	Abmasse und Zeichnungen Verschleissanzeiger	Image et dimensions témoin d'usure	Disegno e dimensioni indicatore d'usura	Dimensiones e imagen del indicador de desgaste
10	Disc Technical Guide	Scheibenindex	Guide technique disques	Tabella dischi	Guía técnico del disco
11					
12	Holes	Löcher	Trous	Fori	Orificios
13	Studs	Ansatzbolzen	Goujons	Colonnette	Tornillos
14	ABS	ABS	ABS	ABS	ABS

HINWEISE ZUR BENUTZUNG - COMMENT UTILISER CE CATALOGUE - LEGENDA - LEYENDA

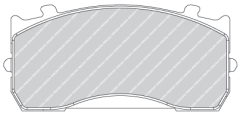
8

MERCEDES-BENZ

FCV1275BFE
4550 KNR SB/SN6...



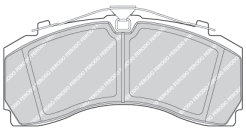
FCV1277BFE
4550 KNR SB/SN5...



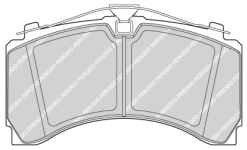
FCV4296PTS
4550 KNR SB/SN7



FCV4417PTS
7121 KNR SM7

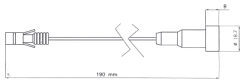


FCV4418PTS
7221 KNR SL7

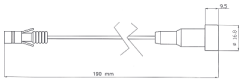


9

FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



10 11 12 13 14

	∅	A	B	C	D		Kg		ABS
FCR145A	430	45.0	37.0	132	211	10xM14	34.2		
FCR186A	335	34.0	31.0	102	91.5	10x14.5	15.0		
FCR187A	335	34.0	31.0	111	131	8xM12	16.0		
FCR188A	335	34.0	28.0	111	152	8xM12	15.2		
FCR189A	377	45.0	37.0	134	105.7	14x14.5	24.0		
FCR190A	377	45.0	37.0	138	176	8xM14	26.4		
FCR260A	377	45.0	37.0	138	169	8xM14	26.4		

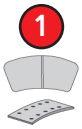




HOW TO USE













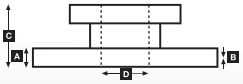






...MERCEDES-BENZ

		7													
Actros 2010															
MP III	10/10→	F	FCV4417PTS	2	29246		244.6	113.7	35						
				2	29247		244.6	113.7	30						
		R	FCV4418PTS	2	29244	430	207.6	113.7	30						FCR145A
				2	29245	430	207.6	113.7	35						
Actros 2011															
MP IV	10/11→	F	FCV4417PTS	2	29246		244.6	113.7	35						
				2	29247		244.6	113.7	30						
		R	FCV4418PTS	2	29244	430	207.6	113.7	35						FCR145A
				2	29245	430	207.6	113.7	30						
Atego I															
712, 715, 812, 815, 817, 823 - models fitted with Knorr SB/SN5 Caliper 90-170kW	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34						FCR186A
		R	FCV1277BFE	4	29183	335	185	84	27/34						FCR187A
917, 923, 925, 1017, 1023 - models fitted	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34						FCR186A

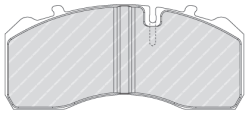
1	Pastilha de disco Jogo de calços	Remblokken en remvoeringenset	Комплект тормозных колодок/ накладок	Klocek hamulcowy i zestaw okładzin
2	Comentários	Opmerkingen	Комментарии	Uwagi
3	Refª. do rebite	Klinknagel referentie	Артикул заклепки	Nr referencyjny nita
4	Avisador de desgaste	Slijtage-indicator	Датчик износа	Czujnik zużycia
5	Jogo de acessórios	Accessoires	Установочный комплект	Zestaw akcesoriów
6	Refª. do disco	Remschijf referentie	Артикул диска	Nr referencyjny tarczy
7	Aplicação Dianteira/Traseira	Montage voor/achter	Местоположение - передняя/ задняя ось	Przednie/tylne mocowanie
8	Guia rápido das pastilhas de travão	Afbeeldingen remblokken	Трафарет и краткие характеристики тормозных колодок	Rysunek klocka do szybkiej identyfikacji
9	Imagem e dimenões do avisador	Afbeelding en afmetingen slijtage-indicator	Эскиз и размеры датчика износа	Rysunek i wymiary czujnika zużycia
10	Guia técnico do disco	Technische gids remschijven	Техническое руководство по тормозным дискам	Przewodnik techniczny tarczy
11				
12	Orifícios	Gaten	Отверстия	Otwory
13	Pernos	Bouten	Штифты	Śruby
14	ABS	ABS	ABS	ABS

LEYENDA - GEBRUIKSAANWIJZING - КАК ИСПОЛЬЗОВАТЬ - JAK KORZYSTAĆ Z KATALOGU

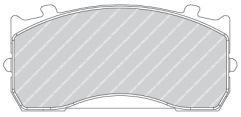
8

MERCEDES-BENZ

FCV1275BFE
4550 KNR SB/SN6...



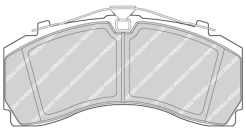
FCV1277BFE
4550 KNR SB/SN5...



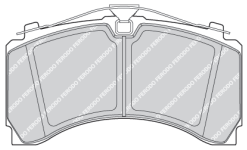
FCV4296PTS
4550 KNR SB/SN7



FCV4417PTS
7121 KNR SM7

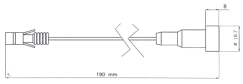


FCV4418PTS
7221 KNR SL7

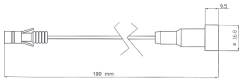


9

FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



10 11 12 13 14

		∅	A	B	C	D		Kg		ABS
FCR145A		430	45.0	37.0	132	211	10xM14	34.2		
FCR186A		335	34.0	31.0	102	91.5	10x14.5	15.0		
FCR187A		335	34.0	31.0	111	131	8xM12	16.0		
FCR188A		335	34.0	28.0	111	152	8xM12	15.2		
FCR189A		377	45.0	37.0	134	105.7	14x14.5	24.0		
FCR190A		377	45.0	37.0	138	176	8xM14	26.4		
FCR260A		377	45.0	37.0	138	169	8xM14	26.4		





FORD

Transit III



All Models	09/85→09/91	F	**FVR450**	4	21141	270	114	58	18	SWB/ dual tyre			FBA556	**DDF084**
			FVR833	4	20364	254	90	70	15	2 Piston Caliper			FBA420	**DDF138**
			FVR886	4	20359		102	75	18	4 Piston Caliper			FBA581	

Transit IV



All Models	09/91→06/94	F	**FVR700**	4	21470	254	139	65	18	14" Wheel			FBA514	**DDF848**
			FVR701	4	21469	254	137	74	18	15" Wheel			FBA514	**DDF138**

Transit V



All Models	06/94→03/00	F	**FVR700**	4	21470	254	139	65	18	→ 98, 14" Wheel			FBA514	**DDF848**
			FVR701	4	21469	270	137	74	18	→ 98, 15" Wheel			FBA514	**DDF849**
			FVR1338	4	21470	254	137	65	18	98→, 14" Wheel			FBA514	**DDF848**
			FVR1339	4	21469	270	137	74	18	98→, 15" Wheel			FBA514	**DDF849**

Transit VI



All Models	08/00→06/06	F	**FVR1381**	4	23434	276	169	63.5	18,7	RWD				**DDF1113**
			FVR1461	4	23840	294	169	62.5	18,7	FWD				**DDF1112**

Transit VII



All Models	07/06→	F	**FVR1928**	4	24484	300	164.9	66.6	18,8	RWD				**DDF1555**
			FVR1929	4	24485	280	164.9	65.1	18,8	FWD				**DDF1554**
		R	**FVR1930**	4	24486	280	122.9	53.6	17,2					**DDF1537**
			FVR1930	4		280				dual tyre				**DDF1573**

IVECO

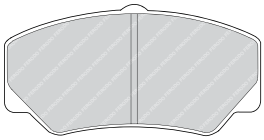
Daily



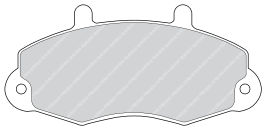
All Models 35.12 Turbo	1986→1996	R	**K15742.0**	2	15742	270	211	79	8,0		**52**	93038		
All Models 40.10 (Turbo)	1989→05/96			2	15039	270	244	79	8,0			93038		
All Models 45.10 (Turbo)	1985→													
All Models 49.10 (Turbo)	1985→1986													
	1986→1989													
All Models 49.10, 49.12 (Turbo)	1989→1996													
All Models 59.12 (Turbo)	1991→05/96	R	**K17096.0**	2	17313	310	236	100	12,9		**52**	93048		
				2	17318	310	280	100	12,9			93048		

FERODO

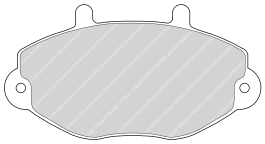
FVR450 4157 BDX



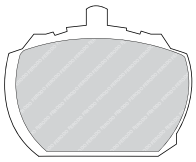
FVR700 4020 BDX



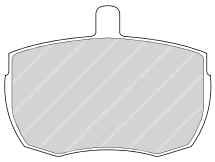
FVR701 4020 BDX



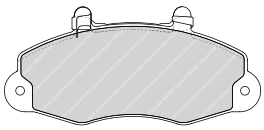
FVR833 4157 LKD



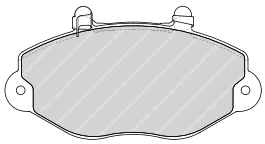
FVR886 3410 LKD



FVR1338 4020 BDX



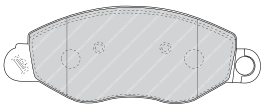
FVR1339 4020 BDX



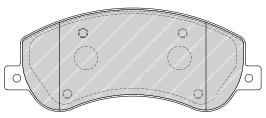
FVR1381 4020 BOS



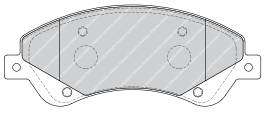
FVR1461 4020 BOS



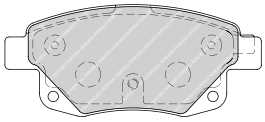
FVR1928 4020 BOS



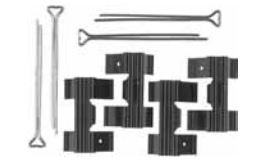
FVR1929 4020 BOS



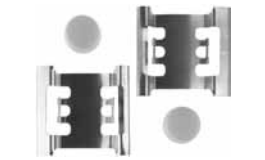
FVR1930 4156 BOS



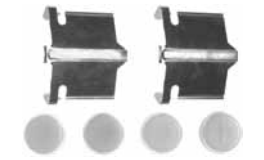
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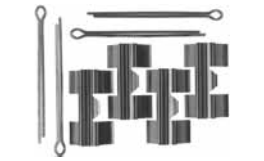
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FBA556



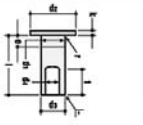
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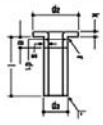
		∅	A	B	C	D		Kg		ABS
DDF084		270	14.3	12.9	71.2	78.5	5	11.31		
DDF138		254	14.3	12.9	31.5	78.5	5	10.11		
DDF848		254	24	22.2	43	78.5	5	11.70		
DDF849		270	24	22.2	43	78.5	5	13.28		
DDF1112		294	24.5	22.1	43	82	5	14.74		
DDF1113		276	24.5	22.1	43	82	5	12.44		
DDF1537		280	16	14.8	16.5	107.5	5	11.04		
DDF1554		280	28	25	54.5	93	5	14.64		
DDF1555		300	28	25	54.5	93	5	17.91		
DDF1573		280	16	14	69	96	5	16.95		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

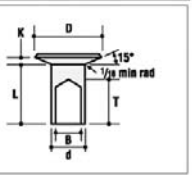
Type B – Semi-Tubular Rivet

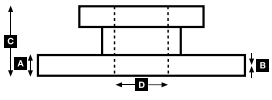


Type C – Tubular Rivet

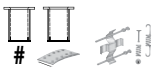


Type A – Semi Tubular Rivets









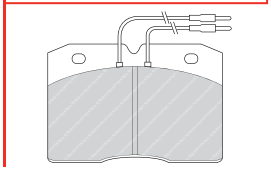

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Daily I 78→99

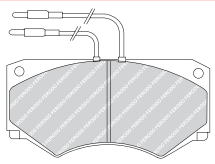
30-8		F	**FVR1102**	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR1353	4	29140	267	110	73	18,3	BRE 05/96→					**DDF089**
			FVR377	4	21048	267	110	74	18,3	BRE →04/86			FBA457		**DDF254**
			FVR511	4	21048	267	110	73	18,3	BRE 04/86→12/89			FBA457		**DDF089**
			FVR655	4	29041	267	110	73	18,3	BRE 01/90-05/96, Opt			FBA457		**DDF254**
			FVR656	4	21480		105	75	18	LKD 01/90→05/95, Opt			FBA581		
			FVR713	4	29038	267	110	73	18,3	BRE 01/90-05/96					**DDF089**
			FVR543	4	20653		102	75	18	LKD 04/86→12/89, Opt			FBA581		
			FVR839	4	20759		102	75	18	LKD →04/86					
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
30.9 i		F	**FVR1352**	4	29139		110	73	18,3	BRE					
35-8		F	**FVR1102**	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR377	4	21048	267	110	74	18,3	BRE →04/86			FBA457		**DDF254**
			FVR511	4	21048	267	110	73	18,3	BRE 04/86→12/89			FBA457		**DDF089**
			FVR655	4	29041	267	110	73	18,3	BRE 01/90-05/96, Opt			FBA457		**DDF254**
			FVR656	4	21480		105	75	18	LKD 01/90→05/95, Opt			FBA581		
			FVR543	4	20653		102	75	18	LKD 04/86→12/89, Opt			FBA581		
			FVR829	4	20359	280	102	75	18	LKD 01/85→12/89					**FCR104A**
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
35-10		F	**FVR1102**	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR1353	4	29140	267	110	73	18,3	BRE 05/96→					**DDF089**
			FVR511	4	21048	267	110	73	18,3	BRE 04/86→12/89			FBA457		**DDF089**
			FVR655	4	29041	267	110	73	18,3	BRE 01/90-05/96, Opt			FBA457		**DDF254**
			FVR656	4	21480		105	75	18	LKD 01/90→05/95, Opt			FBA581		
			FVR543	4	20653		102	75	18	LKD 04/86→12/89, Opt			FBA581		
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
35-12		F	**FVR1102**	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR1351	4	29138		149	69	18	BRE 05/96→					
			FVR655	4	29041	267	110	73	18,3	BRE 01/90-05/96, Opt			FBA457		**DDF254**
			FVR656	4	21480		105	75	18	LKD 01/90→05/95, Opt			FBA581		
			FVR709	4	20465	280	149	69	18	LKD →05/96, Turbo					**FCR104A**
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
40-8		F	**FVR377**	4	21048	267	110	74	18,3	→04/86			FBA457		**DDF089**
			FVR492	4	21006	280	149	69	18	→12/86, Turbo			FBA433		**FCR104A**
			FVR511	4	21048		110	73	18,3	05/86→12/89			FBA457		**DDF089**
			FVR516	4	29040	280	149	69	18	01/87→05/96, Turbo			FBA433		**FCR104A**
			FVR543	4	20653		102	75	18	05/86→12/89, Opt			FBA581		
			FVR655	4	29041	267	110	73	18,3	01/90→05/96			FBA457		**DDF089**
			FVR656	4	21480		105	75	18	01/90→05/96, Opt			FBA581		
			FVR829	4	20359	280	102	75	18	→04/86					**FCR104A**

FERODO

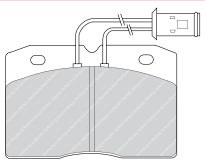
FVR377 4020 BRE



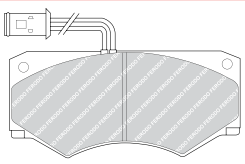
FVR492 3475 WAB



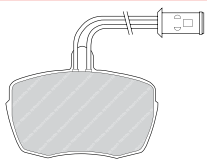
FVR511 4020 BRE



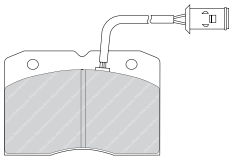
FVR516 3475 PER



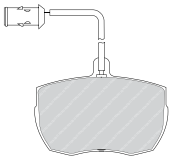
FVR543 4020 LKD



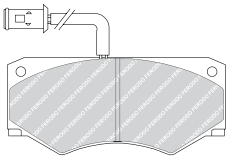
FVR655 4020 BRE



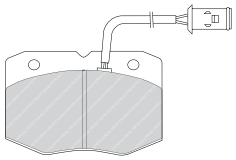
FVR656 4020 LKD



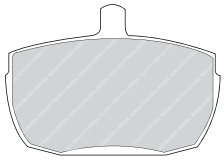
FVR709 3422 WAB



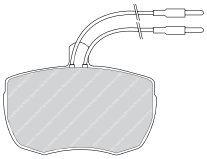
FVR713 4020 BRE



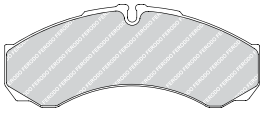
FVR829 3456 LKD



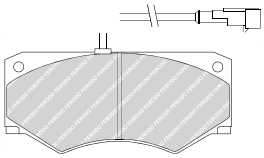
FVR839 4020 LKD



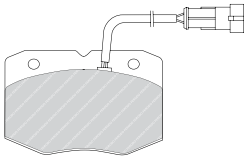
FVR1102 4020 BRE



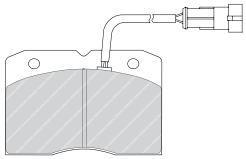
FVR1351 3422 WAB



FVR1352 4020 BRE



FVR1353 4020 BRE



FAI115 ↔ 295mm
2



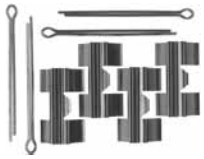
FBA433 ↔



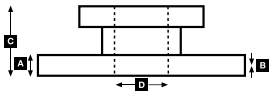
FBA457 ↔



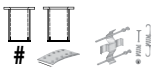
FBA581 ↔



		∅	A	B	C	D		Kg		ABS
DDF089		267	14.2	12.8	111	58.3	6	21.90		
DDF254		267	14.2	12.8	154	58	6	25.47		
FCR104A		280	16.0	13.0	142	105	6xM18 6x12.5 3xM6	13.4	6 M18x 1.5 44mm	
FCR139A		290	22.0	19.0	111	68	6xM18 6x12.4	15.0	6 M18x 1.5x34mm	
FCR140A		289	22.0	19.0	84	84	8x10.5	9.3		









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...Daily I 78→99

40-10		F	**FVR1351**	4	29138		149	69	18	01/97→					
			FVR492	4	21006	280	149	69	18	→12/96			FBA433		**FCR104A**
			FVR709	4	20465	280	149	69	18	LKD →12/96, Turbo					**FCR104A**
45-10		F	**FVR1351**	4	29138		149	69	18	05/96→					
			FVR492	4	21006	280	149	69	18	→12/96			FBA433		**FCR104A**
			FVR516	4	29040	280	149	69	18	01/87→05/96, Turbo			FBA433		**FCR104A**
			FVR709	4	20465	280	149	69	18	LKD →05/96, Turbo					**FCR104A**
45-12		F	**FVR1351**	4	29138		149	69	18	05/96→					
			FVR709	4	20465	280	149	69	18	LKD →04/96, Turbo					**FCR104A**
49-10		F	**FVR1351**	4	29138		149	69	18	05/96→					
			FVR492	4	21006	280	149	69	18	→12/96			FBA433		**FCR104A**
			FVR516	4	29040	280	149	69	18	01/87→05/96, Turbo			FBA433		**FCR104A**
			FVR1102	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR709	4	20465	280	149	69	18	LKD →05/96, Turbo					**FCR104A**
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
49-12		F	**FVR1351**	4	29138		149	69	18	05/96→					
			FVR1102	4	29121	290	165	66	20	BRE 05/96→				FAI115	**FCR139A**
			FVR709	4	20465	280	149	69	18	LKD →05/96, Turbo					**FCR104A**
		R	**FVR1102**	4	29121	289	165	66	20	BRE, 05/96→				FAI115	**FCR140A**
52-10, 52-12		F	**FVR709**	4	20465	280	149	69	18	LUC					**FCR104A**
59-12		F	**FVR852**	4	29001	290	174	69	20	→04/96					**FCR133A**
			FVR1350	4	29107	280	175	70	20	05/96→					**FCR104A**

Daily II 99→06

29L		F	**FVR1315**	4	29121	276	165	66	18					FAI115	**FCR194A**
		R	**FVR1405**	4	29123	276	107	61	20	single wheel (-) ABS				FWI304	**FCR195A**
			FVR1405	4	29123	425	107	61	20	single wheel (+) ABS				FWI304	**FCR136A**
35C, 35S, 50C, 65C 15		F	**FVR1102**	4	29121	290	165	66	20					FAI115	**FCR139A**
			FVR1315	4	29121	290	165	66	18					FAI115	**FCR313A**
		R	**FVR1102**	4	29121	289	165	66	20	twin wheels				FAI115	**FCR140A**
			FVR1405	4	29123	289	107	61	20	single wheel				FWI304	**FCR140A**
60C , 65C		F	**FVR1390**	4	29160	290	164	69	20						**FCR235A**
		R	**FVR1390**	4	29160	306	164	69	20						**FCR236A**

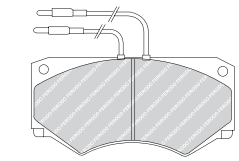
Daily III 06→

29L		F	**FVR4036**	4	29229	300	163.3	67.1	20,7					FWI303	**FCR314A**
		R	**FVR4037**	4	29232	296	141.3	72.5	20,7	(-) ABS Crown				FWI305	**FCR315A**
			FVR4140	4	29123	296	109.8	63.5	20	(+) ABS Crown				FWI305	**FCR316A**
35S		F	**FVR4036**	4	29229	300	163.3	67.1	20,7					FWI303	**FCR314A**
		R	**FVR4037**	4	29232	296	141.3	72.5	20,7	(-) ABS Crown				FWI305	**FCR315A**
			FVR4037	4	29232	296	141.3	72.5	20,7	(+) ABS Crown					**FCR316A**
35C, 40C, 50C		F	**FVR4036**	4	29229	290	163.3	67.1	20,7					FWI303	**FCR317A**
		R	**FVR4037**	4	29232	294	141.3	72.5	20,7	twin wheel				FWI305	**FCR320A**
			FVR4037	4	29232	294	141.3	72.5	20,7	twin rear wheel, (+) ABS Crown					**FCR321A**
60C, 65C		F	**FVR4038**	4	29122	301	174.8	85.5	22,1	BRE				FWI306	**FCR329A**
		R	**FVR4039**	4	29231	306	184.2	64.2	22,7	BRE				FWI303	**FCR332A**

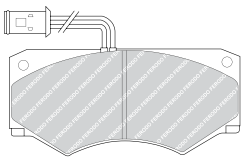
FERODO

IVECO

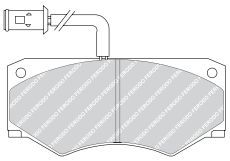
FVR492 3475 WAB



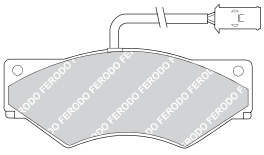
FVR516 3475 PER



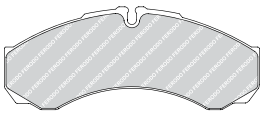
FVR709 3422 WAB



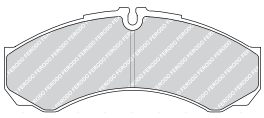
FVR852 3422 WAB



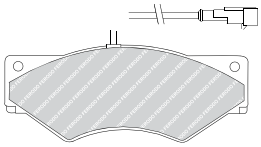
FVR1102 4020 BRE



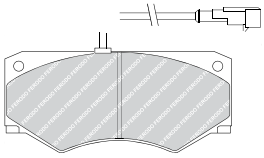
FVR1315 4020 BRE



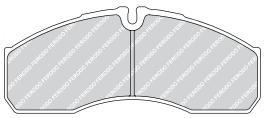
FVR1350 3422 PER



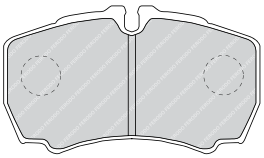
FVR1351 3422 WAB



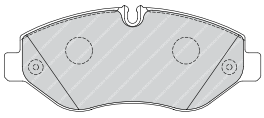
FVR1390 4401 BRE



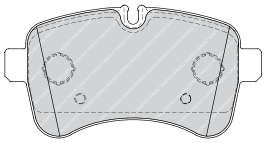
FVR1405 4401 BRE



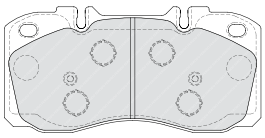
FVR4036 4371 BRE



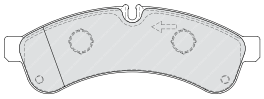
FVR4037 4156 BRE



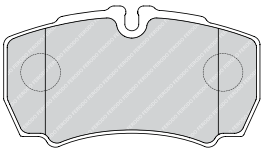
FVR4038 4020 BRE



FVR4039 4156 BRE



FVR4140 4495 BRE



FAI115 ↔ 295mm
2



FBA433 ↔



FWI303 ↔ 130mm
2



FWI304 ↔ 295mm
2



FWI305 ↔ 300mm
2

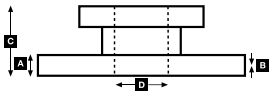


FWI306 ↔ 210mm
2



		∅	A	B	C	D		Kg		ABS
FCR104A		280	16.0	13.0	142	105	6xM18 6x12.5 3xM6	13.4	6 M18x 1.5 44mm	
FCR133A		290	25.0	23.0	160	120	6x12.5 6xM18	20.2	6 M18x 1.5x44mm	
FCR136A		425	45.0	41.0	170.5	285	10	43.6		
FCR139A		290	22.0	19.0	111	68	6xM18 6x12.4	15.0	6 M18x 1.5x34mm	
FCR140A		289	22.0	19.0	84	84	8x10.5	9.3		
FCR194A		276	22.0	20.4	72	73	5x15.7 2x8.7	8.0		
FCR195A		276	16.0	13.0	67	73	5x15.6 2x8.7	11.0		
FCR235A		290	26.0	23.0	53	80	9x12.5	7.4		

		∅	A	B	C	D		Kg		ABS
FCR236A		306	22.0	19.0	136	178	6xM10	13.7		
FCR313A		290	22.0	19.0	110.5	123	6	14.8	6xM18x1.5	
FCR314A		300	28.0	25.0	74.5	78	6	8.6		
FCR315A		296	16.0	13.0	69.5	76	6	7.6		
FCR316A		296	16.0	13.0	69.5	76	6	7.6		✓
FCR317A		290	28.0	25.0	46	64	9	8.5		
FCR320A		294	24.0	21.0	83.5	128	8	8.3		
FCR321A		294	24.0	21.0	87.5	128	8	8.7		✓
FCR329A		301	30.0	27.0	59	83	9	10.7		
FCR332A		306	28.0	25.0	132	178.2	6	13.3		



MERCEDES-BENZ

MB100

All Models	02/88→08/91	F	FVR752	4	20932	239	146	61	14				FBA521		DDF225
	09/91→02/96		FVR941	4	21573	239	146	61	14				FBA521		DDF225
	1996→		FVR1522	4	29835	238	175	85	22				FAC174	FAI103	FCR221A
		R	FVR1522	4	29835	238	175	85	22				FAC174	FAI103	FCR221A

MB140

MB140		F	FVR792	4	20984		167	62	17						

Sprinter (905)

616 Cdi	04/01→	F	FVR1791	4	29237	290	164.7	68.1	20,4						
		R	FVR501	4	29835	304	175.0	85.0	22,0				FAC174		

Sprinter 2-T (901, 902)

All Models	1995→05/06	F	FVR1038	4	21576	276	156	65	19					FWI246	FCR228A
		R	FVR1039	4	21621	272	141	49	17	2,5 ton				FWI278	FCR229A
			FVR1039	4	21621	258	141	49	17	3,5 ton				FWI278	FCR230A

Sprinter 3-T (903)

All Models	02/95→05/06	F	FVR1038	4	21576	276	156	65	19	ATE				FWI246	FCR228A
			FVR1304	4	23022	276	135	66	21	BOS				FWI246	FCR228A
		R	FVR1039	4	21621	272	141	49	17	2,5 ton				FWI278	FCR229A
			FVR1876	4	21592	272	156	55	19	ATE				FWI246	FCR229A
			FVR1306	4	23021	272	126	63	19	BOS				FWI246	FCR229A
All Models	05/00→05/06	R	FVR1039	4	21621	258	141	49	17	3,5 ton				FWI278	FCR230A

Sprinter 3-T (906)

All Models	06/06→	F	FVR1778	4	29192	300	163.2	66.9	20,8					FWI294	FCR310A
		R	FVR1780	4	29190	298	136.9	63.0	19,7					FWI311	FCR311A

Sprinter 4-T (904)

All Models	02/95→04/00	F	FVR1038	4	21576	276	156	65	19	ATE				FWI246	FCR228A
			FVR1304	4	23022	276	135	66	21	BOS				FWI246	FCR228A
		R	FVR1879	4	29153	285	165	73	19,7	PER				FWI278	FCR191A
			FVR1306	4	23021	272	126	63	19	BOS				FWI246	FCR229A
All Models	05/00→05/06	F	FVR1879	4	29153	276	165	73	19,7	PER				FWI278	FCR228A
			FVR1304	4	23022	276	135	66	21	BOS				FWI246	FCR228A
		R	FVR1879	4	29153	285	165	73	19,7	PER				FWI278	FCR191A
			FVR1306	4	23021	272	126	63	19	BOS				FWI246	FCR229A

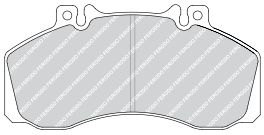
Sprinter 4-T (906)

All Models	06/06→	F	FVR1777		29200	300	169.3	73.5	20,7					FWI294	FCR310A
		R	FVR1779		29217	303	164.98	78.4	20,6	vented disc, BOS				FWI293	FCR312A
			FVR1780		29190	298	136.9	63	19,7	solid disc, BOS					FCR311A
			FVR1879		29153		164.6	73	19,7	vented disc, PER					

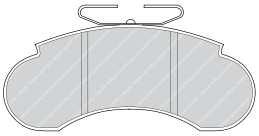
Sprinter 5-T (906)

All Models	06/06→	F	FVR1777	4	29200	300	169.3	73.5	20,7					FWI294	FCR310A
		R	FVR1779	4	29217	303	164.98	78.4	20,6	vented disc				FWI293	FCR312A
			FVR1780		29190	298	136.9	63	19,7	solid disc					FCR311A

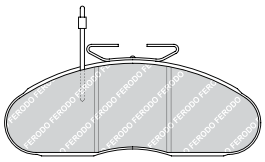
FVR501
3422 MER



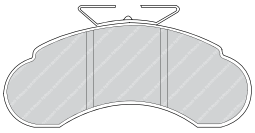
FVR752
4020 BDX



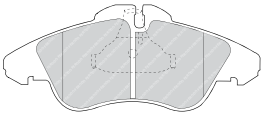
FVR792
3538 BDX



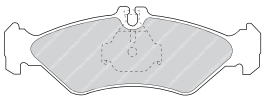
FVR941
4020 BDX



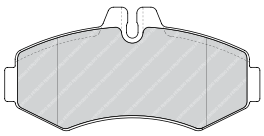
FVR1038
4020 ATE



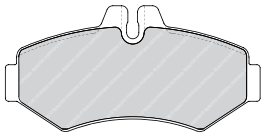
FVR1039
4801 ATE



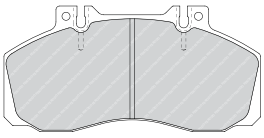
FVR1304
4801 BOS



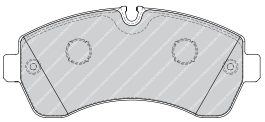
FVR1306
4801 BOS



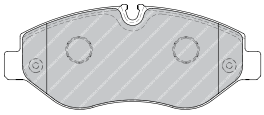
FVR1522
4027 MER



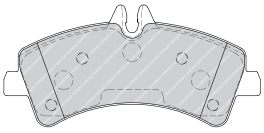
FVR1777
4020 BRE



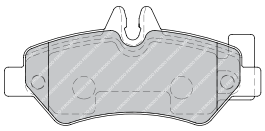
FVR1778
4020 BRE



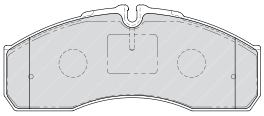
FVR1779
4156 BOS



FVR1780
4371 BOS



FVR1791
4020 BRE



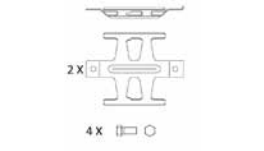
FVR1876
4260 ATE



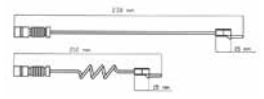
FVR1879
4020 PER



FAC174 ↔



FAI103 ↔ 238mm
2+2



FBA521 ↔



FWI246 ↔ 210mm
2

FWI278 ↔ 189mm
2



FWI293 ↔ 84mm
2



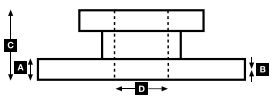
FWI294 ↔ 109mm
2



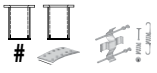
FWI311 ↔ 95mm
2



		∅	A	B	C	D		Kg		ABS
DDF225		239	16	14.5	79	102	5	12.62		
FCR191A		285	22.0	19.0	93	120	6x15.1	7.0		
FCR221A		238	16.0	14.5	79	102	5xM14	6.5	5xM14x 1.5 41.5mm	
FCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8		
FCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9		
FCR230A		258	12.0	10.0	96	85	5x15 1x9/17 1x16/23	6.2		
FCR310A		300	28.0	26.0	68.5	85	6x15 1x9	9.2		
FCR311A		298	16.0	14.8	71	85	6x15 1x9	7.3		
FCR312A		303	28.0	26.0	93	120	6x15	9.6		







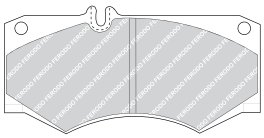


...MERCEDES-BENZ

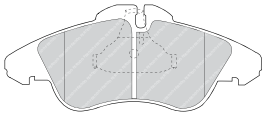
T 1 (601)															
All Models	04/77→02/96	F	**FVR239**	4	29784	280	149	74	18				FBA433	FAI102	**FCR116A**
T 1 (602)															
All Models	1982→02/96	F	**FVR239**	4	29784	280	149	74	18					FAI102	**FCR116A**
T 1/TN															
All Models	07/81→06/95	F	**FVR239**	4	29784	280	149	74	18					FAI102	**FCR116A**
			FVR239	4	29784	280	149	74	18					FAI102	**FCR117A**
T 1-Series:															
208, D	1977→09/82	R	**K11582.0**	2	11582	230	174	34	8,0		**42**	93021		FAI200	
209 D 65kW /88PS	09/82→1994			1	11019	230	207	34	8,0			93021		FAI200	
210 77kW /105PS	1982→1994			1	11025	230	207	34	8,0			93021		FAI200	
210 D 70kW /95PS															
308, D	1977→09/82	R	**K13532.0**	2	13532	260	201	54	8,0		**52**	93021		FAI200	
309 D 65kW /88PS	09/82→1994			2	13020	260	233	54	8,0			93021		FAI200	
310 77kW /105PS															
310 D 70kW /95PS															
409 65kW /88PS	1982→1994	R	**K15742.0**	2	15742	270	211	79	8,0		**52**	93038		FAI200	
410 70kW /95PS				2	15030	270	244	79	8,0			93038		FAI200	
508	1986→1994														
510															
T 2/L															
All Models	01/70→12/88	F	**FVR239**	4	29784	280	149	74	18					FAI102	**FCR117A**
T 2/LN1															
All Models	04/86→12/94	F	**FVR239**	4	29784	280	149	74	18					FAI102	**FCR117A**
			FVR1522	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**
			FVR1522			280							FAC174		**FCR116A**
			FVR1522			304							FAC174		**FCR118A**
T 2-Series:															
507 D, 508 D, 510 D (4, 6 to)	1986→08/96	R	**K15742.0**	2	15742	270	211	79	8,0		**52**	93038		FAI200	
				2	15030	270	244	79	8,0			93038		FAI200	
609 D (5,5 to) 66kW/90PS	1986→08/96	R	**K15869.0**	2	15869	300	237	87	9,3		**52**	93047		FAI201	
				2	15059	300	264	87	9,3			93047		FAI201	
709 D, 711 D (6,5 to)	1986→08/96	R	**K17973.0**	2	17973	300	237	102	9,3		**52**	93048		FAI201	
				2	17350	300	264	102	9,3			93048		FAI201	
809 D, 811 D, 814 D (7,5 to)		R	**K17975.0**	2	17975	300	237	122	9,3		**52**	93048		FAI201	
				2	17351	300	264	122	9,3			93048		FAI201	
Vario															
All Models	09/96→	F	**FVR1522**	4	29835	304	175	85	22				FAC174	FAI103	**FCR162A**
			FVR1522			324							FAC174		**FCR163A**
		R	**FVR1522**	4	29835	304	175	85	22				FAC174	FAI103	**FCR164A**
			FVR1522			324							FAC174		**FCR165A**
			FVR1522			304				16" wheels			FAC174		**FCR208A**
			FVR1522			324				17.5" wheels			FAC174		**FCR209A**
V-Class (638/2)															
All Models	02/97→	F	**FVR1038**	4	21576	276	156	65	19	→12/97				FWI246	**DDF860**
			FVR1304	4	23022		135	66	21	01/98→					
		R	**FVR1044**	4	21904	280	64	57	17	→12/97					**DDF861**
			FVR1305	4	23020		104	53	18	01/98→				FWI302	
Vito (638):															
All Models	02/96→	F	**FVR1038**	4	21576	276	156	65	19	ATE				FWI246	**DDF860**
			FVR1304	4	23022		135	66	21	BOS					
		R	**FVR1044**	4	21904	280	64	57	17	ATE					**DDF861**
			FVR1305	4	23020		104	53	18	BOS				FWI302	
Vito (639)															
All Models	09/03→	F	**FVR1493**	4	24007	300	162	60.7	21						**DDF1203**
		R	**FVR1494**	4	24008	296	99	48.8	18,5						**DDF1234**

MERCEDES-BENZ

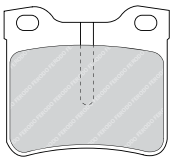
FVR239 3422 PER



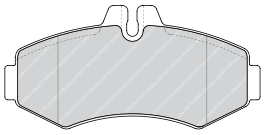
FVR1038 4020 ATE



FVR1044 4801 ATE



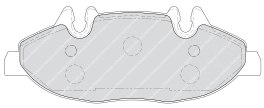
FVR1304 4801 BOS



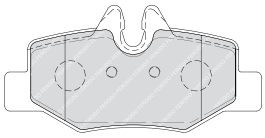
FVR1305 4801 BOS



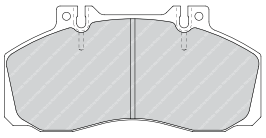
FVR1493 4307 BOS



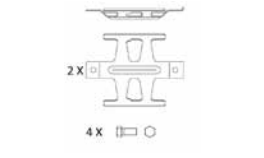
FVR1494 4307 BOS



FVR1522 4027 MER



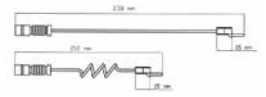
FAC174 ↔



FAI102 ↔ 95mm 4



FAI103 ↔ 238mm 2+2



FAI200 ↔ 225mm 4



FAI201 ↔ 260mm 4



FBA433 ↔



FWI246 ↔ 210mm 2



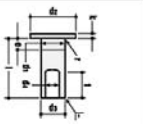
FWI302 ↔ 155mm 2

	∅	A	B	C	D		Kg		ABS
DDF860	276	22.0	19.0	60	67	5	12.70		
DDF861	280	10.0	8.0	63	67	5	8.85		
DDF1203	300	28	25	58.5	67	5	17.06		
DDF1234	296	10	8	53	67	5	9.86		
FCR116A	280	16.0	13.0	78.5	88	5x18 5x12.5	7.0		
FCR117A	280	22.0	19.0	78.5	88	5x18 5x12.5	8.7		
FCR118A	304	30.0	26.0	91	118	6xM12	10.5		

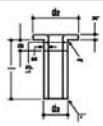
	∅	A	B	C	D		Kg		ABS
FCR119A	324	30.0	26.0	91	118	6xM12	11.0		
FCR162A	304	30.0	26.0	91	118	6xM12	10.5		
FCR163A	324	30.0	26.0	91	118	6xM12	11.0		
FCR164A	304	30.0	26.0	120	157	6xM12	11.4		
FCR165A	324	30.0	26.0	120	157	6xM12	12.2		
FCR208A	304	30.0	27.8	120	120	6xM12	14.0		
FCR209A	324	30.0	27.8	120	120	6xM12	15.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

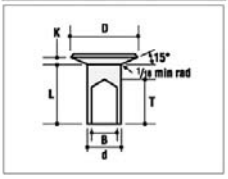
Type B – Semi-Tubular Rivet

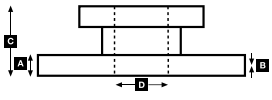


Type C – Tubular Rivet



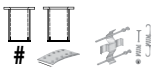
Type A – Semi Tubular Rivets













MULTICAR

Fumo

2.8, 3.0 78,107 KW	2001→	F	FVR1879	4	29153	164.6	164.6	73	19,7						FCR228A
		R	FVR1879	4	29153	164.6	164.6	73	19,7						FCR229A

M26

2.5, 2.8 62,78 kW	2001→	F	FVR1761	4	29208	150	150	56.1	17						

NISSAN

Cabstar E

90.32 66kW	10/98→	F	FVR792	4	20984	276	167	62	17						FCR261A
110.35	10/98→10/06	F	FVR1616	4	23434	290	169.0	64.5	17,9						FCR339A

Cabstar

28.11/35.13/35.15	10/06 →	F	FVR4053	4	29230		163.3	67.1	20,7						
		R	FVR4054	4	23921		109.8	50.0	20,5						
45.13/45.15	10/06 →	F	FVR4248	4	29160		164.8	68.0	20,0						
		R	FVR4156	4	29121		164.8	66.5	20,3						

Ebro

Wheel 17.5" Hydraulic brakes M90/150. Meritor 2x68	1992→	F	FCV702	4	29039		177	78	22					FAI104	
		R	FCV702	4	29039		177	78	22					FAI104	

Interstar

Dci 140 / 100 Kw	07/02→	F	FVR1452	4	23613		138	79.7	17,8						
		R	FVR1453	4	23669	305	116	51.4	18,8						DDF1272
Dci 80, Dci 140	07/02→	F	FVR1515	4	23099	305	145	62.3	18,1						DDF1204
		R	FVR1516	4	23980	280	95	57	17	w bearing					DDF1623

Primastar

All Models	09/02→	F	FVR1515	4	23099	305	145	62.3	18,1	w bearing					DDF1204
		R	FVR1516	4	23980	280	95	57	17	w bearing					DDF1623

RENAULT

Mascott

90 63-78kW	01/99→	F	FVR1102	4	29121	290	165	66	20					FAI155	FCR183A
		R	FVR1102	4	29121	290	165	66	20					FAI155	FCR184A
110, 120.55, 120.65, 130, 140, 160.55, 160.65 78-115kW	01/99→	F	FVR1390	4	29160	290	164.0	69.0	20					FAI155	FCR182A
		R	FVR1102	4	29121	290	165	66	20					FAI155	FCR184A

Maxity

110.35 / 130.35 / 150.35	03/07 →	F	FVR4053	4	29230		163.3	67.1	20,7						
		R	FVR4054	4	23921		109.8	50.0	20,5						
130.45 / 150.45	03/07 →	F	FVR4248	4	29160		164.8	68.0	20,0						
		R	FVR4156	4	29121		164.8	66.5	20,3						

Master I

All Models	11/97→	F	FVR1292	4	23302	280	139	66.5	17,8	11/97→			FBA523		DDF1067
	→10/97		FVR805	4	21110	278	122	71	15,5	→10/97			FBA523		DDF172

Master II

All Models		F	FVR1292	4	23302	280	139	66.5	17,8				FBA523		DDF1067
		R	FVR1453	4	23669	305	116	51.4	18,8						DDF1272

Master III

2.3 CDTi		F	FVR4347	4	25147		163.7	64.8	18,3						
2.3 CDTi - Single Wheels			FVR4348	4	-		128.7	59.5	18,2						
2.3 CDTi - Double Wheels			FVR4349	4	25172		163.6	62.9	18,1						

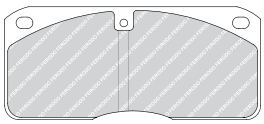
Trafic I

All Models	03/80→03/01	F	FVR791	4	29706	252	167	62	17	TRW					DDF160
			FVR179	4	20488		105	56	18,5	BDX					
			FVR414	4	20926		154	56	18,5	BDX					

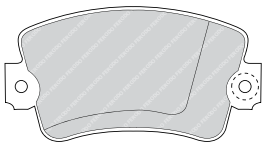
Trafic II

All Models	03/01→	F	FVR1515	4	23099	305	145	62.3	18,1						DDF1204
		R	FVR1516	4	23980	280	95	57	17	w bearing					DDF1623

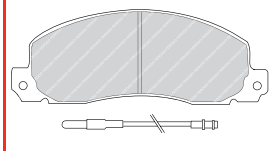
FCV702 3422 MER 2x68



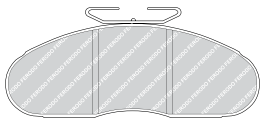
FVR179 4431 BDX



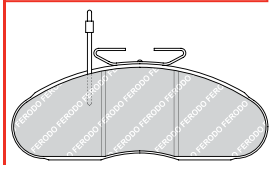
FVR414 4020 BDX



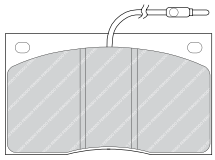
FVR791 3538 TRW



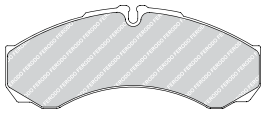
FVR792 3538 BDX



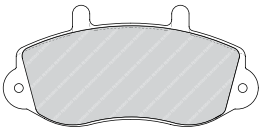
FVR805 4157 TRW



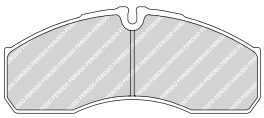
FVR1102 4020 BRE



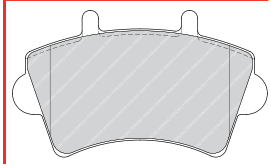
FVR1292 4801 BOS



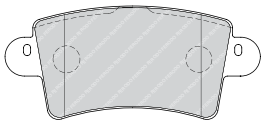
FVR1390 4401 BRE



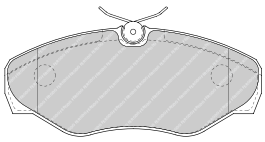
FVR1452 4020 BOS



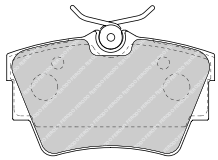
FVR1453 4431 BOS



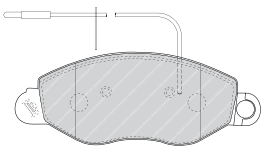
FVR1515 4431 TRW



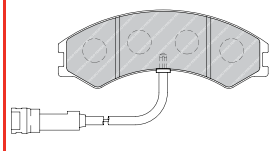
FVR1516 139 TRW



FVR1616 4020 BOS



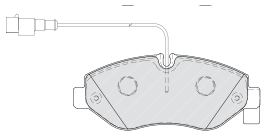
FVR1761 4248 -



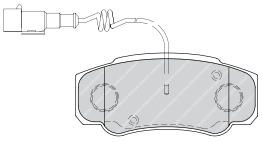
FVR1879 4020 PER



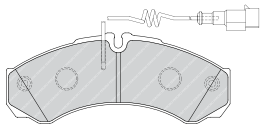
FVR4053 4371 BRE



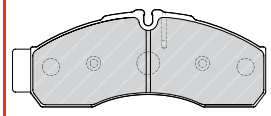
FVR4054 4020 BRE



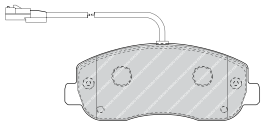
FVR4156 4401 BRE



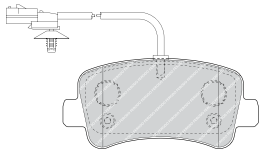
FVR4248 4401 BRE



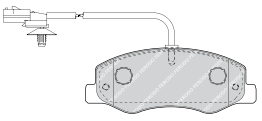
FVR4347 4020 BRE



FVR4348 4020 BRE



FVR4349 4431 BRE



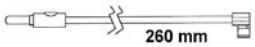
FAI104 ↔ 235mm

2

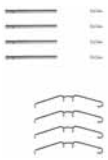


FAI155 ↔ 260mm

2

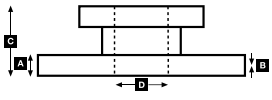


FBA523 ↔



		∅	A	B	C	D		Kg		ABS
DDF160		252	24	22	53.5	76	6	11.83		
DDF172		278	24	22	70	95	6	14.95		
DDF1067		280	24	21	61.5	79.5	6	14.90		
DDF1204		305	28	24	49.4	72	5	19.52		
DDF1272		305	12	10.5	66.7	90	5	13.71		
DDF1623		280	12	10	102	68	5	16.68		✓
FCR182A		290	26.0	24.0	43	102	10x10.5	7.0		

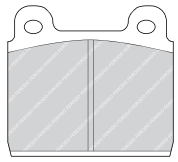
		∅	A	B	C	D		Kg		ABS
FCR183A		290	22.0	20.4	43	102	10x10.5	6.0		
FCR184A		290	22.0	20.4	78	150	8X11	8.0		
FCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8		
FCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9		
FCR261A		276	24.0	22.0	49.5	96	5	7.1		
FCR339A		290	26.0	23.0	53	96	6	8.4		



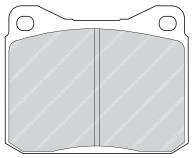
VOLKSWAGEN

Crafter 3 T															
2.5 TDI 65, 80, 100, 120kW	04/06→	F	**FVR1778**	4	29192	300	163.2	66.9	20,8					FWI294	**FCR310A**
		R	**FVR1780**	4	29190	298	136.9	63.0	19,7					FWI311	**FCR311A**
Crafter 5 T															
2.5 TDI 65, 80, 100, 120kW	06/06→	F	**FVR1777**	4	29200	300	169.3	73.5	20,7					FWI294	**FCR310A**
		R	**FVR1779**	4	29217	303	164.98	78.4	20,6					FWI293	**FCR312A**
LT I (281-363,291-512)															
All Models	04/75→1996	F	**FVR129**	4	20280		90.0	74.0	18,2	ATE			FBA418		
			FVR517	4	20979		130	56	20	TRW			FBA541		
LT II (2DX0FE)															
All Models	06/96→	F	**FVR1038**	4	21576	276	156	65	19	LT28/35				FWI246	**FCR228A**
			FVR1879	4	29153	276	165	73	19,7	LT46				FWI278	**FCR228A**
		R	**FVR1039**	4	21621	272	141	49	17	LT28				FWI278	**FCR229A**
			FVR1876	4	21592	258	156	55	19	LT35				FWI278	**FCR230A**
			FVR1306	4	23021	272	126	63	19	LT35, ch. 2DXH002120 →				FWI246	**FCR229A**
			FVR1879	4	29153	276	165	73	19,7	LT46				FWI278	**FCR228A**
LT Series (281-363):															
LT 35, Diesel, Double tyres	04/75→1996	R	**K15775.0***	4	15775	270	212	65	7,0	*use 15 775 07,00 60 4	**40**	93021			
Transpoter T3															
All Models	05/79→07/92	F	**FVR84**	4	20011	278	77	70	19	→ 08/85					**DDF057**
			FVR517	4	20979	258	130	56	20	09/85→			FBA541		**DDF424**

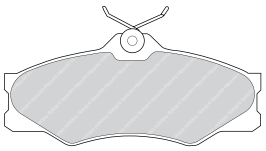
FVR84 4199 ATE



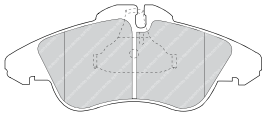
FVR129 4199 ATE



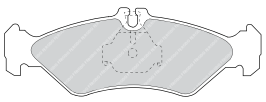
FVR517 3410 TRW



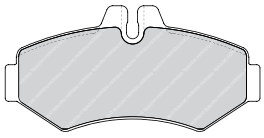
FVR1038 4020 ATE



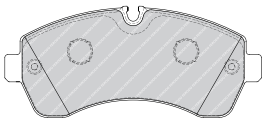
FVR1039 4801 ATE



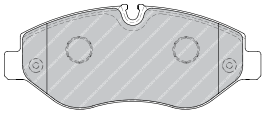
FVR1306 4801 BOS



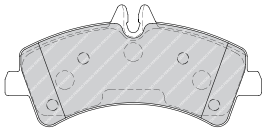
FVR1777 4020 BRE



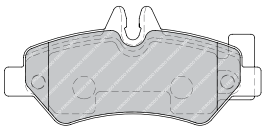
FVR1778 4020 BRE



FVR1779 4156 BOS



FVR1780 4371 BOS



FVR1876 4260 ATE



FVR1879 4020 PER



FBA418 ↔



FBA541 ↔



FWI246 ↔ 210mm
2



FWI278 ↔ 189mm
2



FWI293 ↔ 84mm
2



FWI294 ↔ 109mm
2



FWI311 ↔ 95mm
2

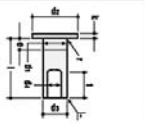


		∅	A	B	C	D		Kg	ABS
DDF057		278	13	11	118.6	45.2	5	18.09	
DDF424		258	16	13	57.5	67	5	11.08	
FCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8	
FCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9	

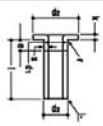
		∅	A	B	C	D		Kg	ABS
FCR230A		258	12.0	10.0	96	85	5x15 1x9/17 1x16/23	6.2	
FCR310A		300	28.0	26.0	68.5	85	6x15 1x9	9.2	
FCR311A		298	16.0	14.8	71	85	6x15 1x9	7.3	
FCR312A		303	28.0	26.0	93	120	6x15	9.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

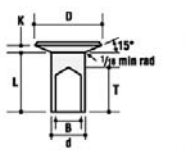
Type B – Semi-Tubular Rivet

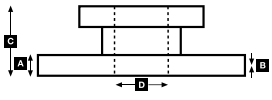


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









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Transporter T4



All Models	07/90→ 03/03	F	**FVR722**	4	20652	260	92	80	18,2	14" wheels					**DDF426**
			FVR785	4	20124	280	130	55	19	→ Ch.70T199000, 14"					**DDF427**
			FVR970	4	21479	282	130	66	19	→ Ch.70X250000, 15"					**DDF562**
			FVR1131	4	21635	282	91	81	18	→ Ch.70X250000, 15"					**DDF1011**
			FVR1163	4	21883	278	156	69	20	Ch.70T2000001→, 15"					**DDF1010**
			FVR1492	4	23176	280	91	81	18	Ch.70Y000001→, 14", TRW					**DDF427**
			FVR1518	4	21885	278	156	70	20	Ch.70Y000001→, 15", ATE					**DDF1010**
			FVR1519	4	23445	282	130	66	19	Ch.70Y000001→, 15", TRW					**DDF1011**
			FVR1484	4	23034	300	157	79	19	→ Ch.701000954, 16"					**DDF1559**
			FVR1497	4	23269	313	161	73/74	20	Ch.701000955→, 16"					**DDF1160**
		R	**FVR1132**	4	21882	294	95	57	17	Ch.70T200001 - 70X25000					**DDF1158**

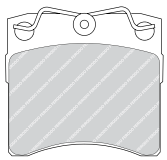
Transporter T5



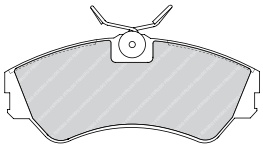
All Models	04/03→	F	**FVR1642**	4	23746	308	156	75	20	16" wheels					**DDF1253**
			FVR1643	4	23746	333	156	75	18	17" wheels					**DDF1254**
		R	**FVR1644**	4	23326	294	116	58.8	17,5	16" wheels					**DDF1286**
			FVR1647	4	24367	314	140,7/141,3	50,9/53.9	19,2	17" wheels					**DDF1698**

FERODO

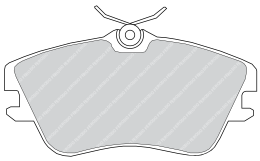
FVR722 4157 TRW



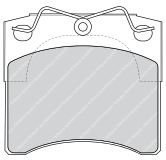
FVR785 4157 TRW



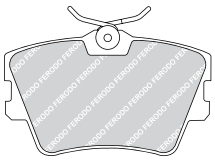
FVR970 4020 TRW



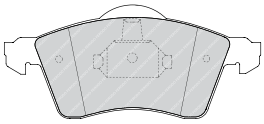
FVR1131 4020 TRW



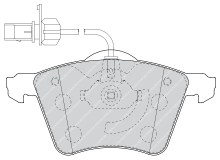
FVR1132 4020 TRW



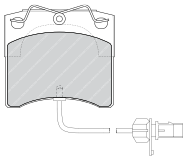
FVR1163 4020 ATE



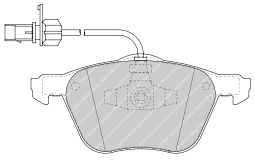
FVR1484 4020 ATE



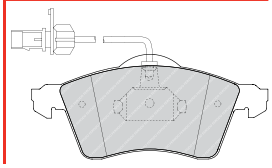
FVR1492 4020 TRW



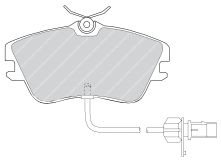
FVR1497 4020 ATE



FVR1518 4020 ATE



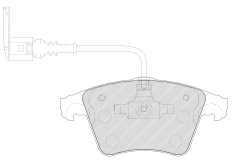
FVR1519 4020 TRW



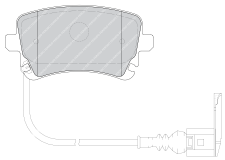
FVR1642 4157 ATE



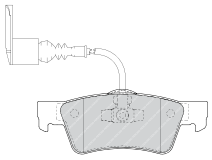
FVR1643 4157 ATE



FVR1644 139-60 TRW

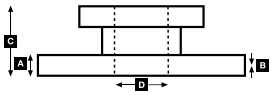


FVR1647 139 ATE



		∅	A	B	C	D		Kg		ABS
DDF426		260	16	13	64.2	68.1	5	11.24		
DDF427		280	24	20	64.7	68.1	5	13.75		
DDF562		282	18	15	64.7	68.1	5	14.85		
DDF1010		280	24	20	55.2	68.2	5	13.29		
DDF1011		282	18	15	55.2	68.2	5	14.60		
DDF1158		294	13.5	11.5	41	68	5	11.48		

		∅	A	B	C	D		Kg		ABS
DDF1160		313	26	22	56.2	68.2	5	18.78		
DDF1253		308	29.3	25.5	55.5	76	5	20.86		
DDF1254		333	32.5	28.5	55.5	76	5	24.04		
DDF1286		294	22	19.5	44.5	76.2	5	14.04		
DDF1559		300	26	22	56.3	68.2	5	17.66		
DDF1698		314	22	18	75.7	76	5	16.29		







AEC

Mammoth Minor & Major

691/760	1965→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Mandator

691/760 & V8.800	1966→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Marshall 2

6 Wheel	1972→1973	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
8 Wheel	1972→1975	F1	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Marshall Major & TGM6

All	1974→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Mercury

471/505	1965→1967	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Mercury 2

TGM4R	1971→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Monarch

505 TGM4L/RE	1966→1967 1971→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

TGM6, RT, RS

All	1964→1971	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

TGM8, RT, RS

All	1969→1975	F1	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

ASTRA

BM

BM304, BM305		F	**K00392.0**	8	59234	410	202	200	▶19,1		**128**	93686			
		R	**K00392.0**	8	59234	410	202	200	▶19,1		**128**	93686			

AVIA - DAEWOO (Czech)

A60, A75, A80

Wheel = 17.5" Hydraulic Brakes. Wabco 456F-0	01/97→	F	**FCV376**	4	29017	315	191	89	23						**FCR101A**

A60, A75, A80

		R	**K15817.0**	2	15817	325	301	97	12,1		**44**	93060			
				2	15823	325	251	97	12,1			93060			

D60, D75, D80, D95

Wheel = 17.5" 110kW	01/99→	F	**FCV376**	4	29017	315	191	89	23						**FCR101A**

D60, D75, D80, D95

		R	**K15817.0**	2	15817	325	301	97	12,1		**44**	93060			
				2	15823	325	251	97	12,1			93060			

AWD

4x4 Multi Purpose Units

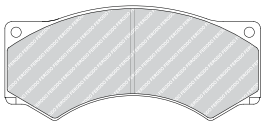
M 1120	1991→	F	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			
MT 12-16 MT 12-18	1991→06/92	R	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			

6x4 Rigids & Tippers

TL 24.27	1991→06/92	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R	**K19090.0**	8	19090	410	176	175	▶18,3		**96/104**	93683/93685			

FERODO

FCV376
3422 WAB 456 F-Ö

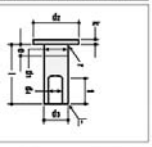




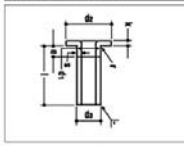
	∅	A	B	C	D		Kg		ABS
FCR101A	315	26.0	24.0	122	119	10xM12	13.1		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

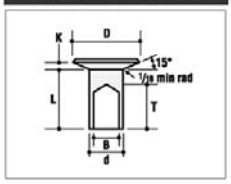
Type B – Semi-Tubular Rivet

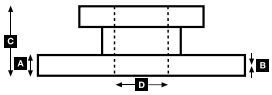


Type C – Tubular Rivet

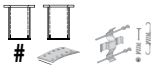


Type A – Semi Tubular Rivets











...AWD

6X6 Tank Transporters

TM 40	1988→	F	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		R1	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		R2	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			

8x6 Multi-Drives

MTL 33.27	1991→06/92	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

MTM 55

(8x6)	1988→	F1	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		F2	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		R1	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		R2	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			

TK, TK M Series

All	01/88→	F	**FVR511**	4	21188		110	73	18	01/86→12/88			FBA581		
			FVR655	4	29041		110	73	18	01/89→					
			FVR377	4	21048		110	74	18,3	01/82→12/85					
			FVR829	4	20359		102	75	18	01/78→12/81					
			FVR839	4	20759		102	75	18	01/82→12/85					
			FVR543	4	20653		102	75	18	01/86→12/88					
			FVR656	4	21480		105	75	18	01/89→					

TL Range:

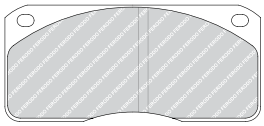
All	01/88→	F	**FVR511**	4	21188		110	73	18	01/86→12/88			FBA581		
			FVR655	4	29041		110	73	18	01/89→					
			FVR377	4	21048		110	74	18,3	01/82→12/85					
			FVR829	4	20359		102	75	18	01/78→12/81					
			FVR839	4	20759		102	75	18	01/82→12/85					
			FVR543	4	20653		102	75	18	01/86→12/88					
			FVR656	4	21480		105	75	18	01/89→					
TL 7.14, TL 8.14, TL 9.14	07/92→	F	**FCV523**	4	29302		176	80	22						
		R	**FCV523**	4	29302		176	80	22						

TL Range:

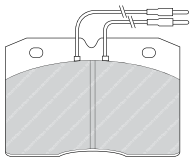
4x2 Tractors TL 18.16 4x2 Tractors TL 18.18 4x2 Tractors TL 20.16 4x2 Tractors TL 20.18 4x2 Tractors TL 21.16 4x2 Tractors TL 21.18 TL 10.14 TL 12.14 TL 12.16 TL 13.14 TL 13.16	1991→06/92	F	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			
		R	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			
TL 17.18	1988→06/92	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
		R	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
TL 17.27	1991→06/92	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

FERODO

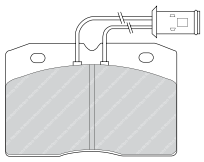
FCV523
3422 MER 2x68



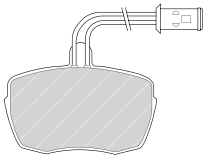
FVR377
4020 BRE



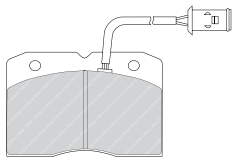
FVR511
4020 BRE



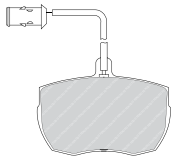
FVR543
4020 LKD



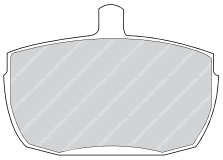
FVR655
4020 BRE



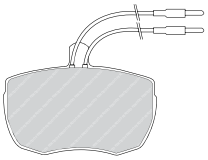
FVR656
4020 LKD



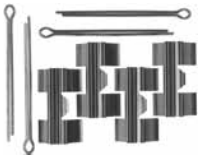
FVR829
3456 LKD



FVR839
4020 LKD

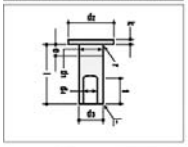


FBA581

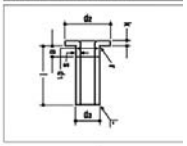


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

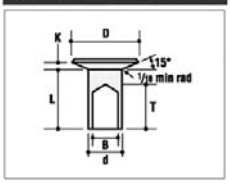
Type B – Semi-Tubular Rivet

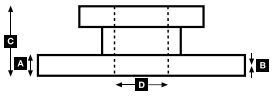


Type C – Tubular Rivet



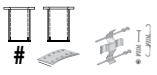
Type A – Semi Tubular Rivets













BEDFORD

All

KH (Rigid), TK 1470	1971→1987	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
TL 24-27	02/93→	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3		**96/104**	93683/93685			
		R2	**K19090.0**	8	19090	410	176	175	▶18,3		**96/104**	93683/93685			
TL 1470 DMY, DMT, DOT, SMT	1980→1987	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
		R	**K19622.0**	4	19622	394	354	152	12,7		**64**				
TM 2300	1977→1987	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

M Series:

MT 12-16	02/93→	F	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			
MT 12-18		R	**K19231.0**	8	19306	360	173	170	▶16,5		**96**	93683			

DAF

50 Series

FA 50.130 FA 50.150 FA 50.160 FA 50.180	1992→ 10/94→	F R	**K19503.0** **K19503.0**	4 4	19503 19503	360 360	316 316	170 170	16,0 16,0		**72** **72**	93058 93058			

50 Series Freighters:

FA 50.130 FA 50.160	1990→1992	F R	**K17217.0** **K17932.0**	4 2 2	17217 17933 17932	330 330 330	295 295 340	125 127 127	11,7 ▶8,5 ▶10	 Opt.	**48** **52** **52**	93684			
FA 50.150	1990→1992	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			

65 CF Series

FA 65.180, FA 65.220, FA 65.250 136-184kW	01/01→	F	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					
		R	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					

65 CF Series

FA 65 CF 180 133kW /181PS FA 65 CF 210 156kW /212PS FA 65 CF 240 177kW /241PS FAV 65 CF 180 (4x4) 133kW/181PS FAV 65 CF 210 156kW /212PS	02/98→	F R	**K19010.0** **K19063.0**	4 4 4 4	19011 19010 19063 19064	420 420 420 420	177 176 177 176	150 150 200 200	▶20,6 ▶20,8 ▶20,6 ▶20,8		**64** **128**	93686 93686 93685 93685			

75 CF-Series

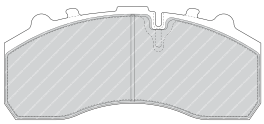
FA 75.250, FA 75.310, FA 75.360, FAG 75.250, FAG 75.310, FAG 75.360, FAR 75.250, FAR 75.310, FAR 75.360, FAT 75.250, FAT 75.310, FAT 75.360, FT 75.250, FT 75.310, FT 75.360 183-265kW	01/01→	F	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					
		R	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					

75 CF-Series

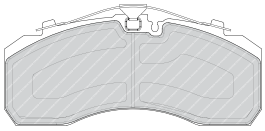
FA 75 CF 250 183kW /249PS FA 75 CF 290 212kW /288PS FAG, FAN 75 CF 2500 (6x2/4) 183kW/249PS FAG, FAN 75 CF 320 (6x2/4) FAR, FAS 75 CF 250 (6x2) FAR, FAS 75 CF 290 (6x2) FAR, FAS 75 CF 320 (6x2) FAT 75 CF 250 183kW /249PS FAT 75 CF 290 (6x4) 212kW/288PS FAT 75 CF 320 (6x4) 235kW/320PS FT 75 CF 250 (4x2) 183kW/249PS FT 75 CF 290 (4x2) 212kW/288PS FT 75 CF 320 (4x2) 235kW/320PS	02/98→	F R1 R2	**K19010.0** **K19063.0** **K19052.0**	4 4 4 4 4 4	19011 19010 19063 19064 19052 19055	420 420 420 420 420 420	177 176 177 176 177 176	150 150 200 200 175 175	▶20,6 ▶20,8 ▶20,6 ▶20,8 ▶20,6 ▶20,8	 6x2/6x4	**64** **128** **96**	93686 93686 93685 93685 93686 93686			

FERODO

FCV1373BHD
4576 KNR SB/SN7

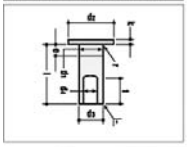


FCV4345PTS
4567 KNR SB/SN7

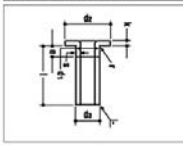


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

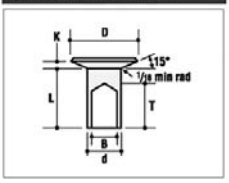
Type B – Semi-Tubular Rivet

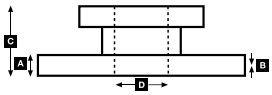


Type C – Tubular Rivet

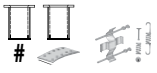


Type A – Semi Tubular Rivets









...DAF

80 Series

FAD 80.250 (8x4) FAD 80.260 (8x4) FAD 80.270 (8x4) FAD 80.300 (8x4) FAD 80.330 (8x4) FAT 80.260 (6x4)	1991→	F	**K19542.0**	8	19542	381	180	200	▶19,2		**96**	93684			
		R	**K19542.0**	8	19542	381	180	200	▶19,2		**96**	93684			
FT 80.300 FT 80.330	1990→1991	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
		R	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
FTG 80.330	1990→1991	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
		R2	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			

85 CF-Series

FA 85.340, FA 85.380, FA 85.430, FA 85.480, FAD, FAD 85.380, FAD 85.430, FAD 85.480, FAG 85.340, FAG 85.380, FAG 85.430, FAG 85.480, FAR 85.340, FAR 85.380, FAR 85.430, FAR 85.480, FAT 85.340, FAT 85.430, FAT 85.480, FT 85.340, FT 85.380, FT 85.430, FT 85	01/01→	F	**FCV4345PTS**	4	29253	432	248	109	30	ProTec S Version					
			FCV1373BHD	4	29179	432	248	109	30	Alternative HD option pad					
		R	**FCV4345PTS**	4	29253	432	248	109	30	ProTec S Version					
			FCV1373BHD	4	29179	432	248	109	30	Alternative HD option pad					

Blueline

Bear 22/24 ton GVW Bison 22t GVW Bison 22t GVW (BN50) Buffalo (16/32 ton rigid) Clydesdale Clydesdale CD40/CD41 Lynx LX50 (16 ton GVW rigid) Lynx LX50 (26/28 ton GVW tractor) Marathon MTL 38-28 Drawbar Reiver Super Buffalo 24t GVW Super Comet	1973→1975 1973→1984 1969→1982 1971→1981 1971→1982 1969→1980 1977→1981 1974→1982 1973→1981 1973→1975	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
Chieftain	1974→1982	F	**K17546.0**	4	17546	394	361	127	12,7		**48**				
		R	**K19172.0**	4	19172	394	324	152	11,6		**48**				
Octopus	1975→1981	F1	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Boxer

BX1425 BX1450	1969→1982 1975→1982	F	**K19622.0**	4	19622	394	354	152	12,7		**64**				
BX16 Tractive unit	1973→1982	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
		R	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684			
				2	17663	330	343	127	9,5			93684			
BX18	1973→1982	F	**K17134.0**	4	17134	387	360	108	9,5		**48**				
		R	**K19351.0**	4	19351	394	321	152	12,7		**48**				
BX1600	1971→1983	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

F 45 Series

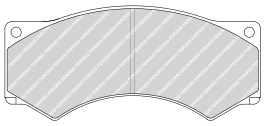
FA 45.120-035, FA 45.120-06, FA 45.130 B06, FA 45.130 C06, FA 45.150 B08,FA 45.150 C08, FA 45.150 B11, FA 45.150 C11, FA 45.150 C09, FA 45.150-10, FA 45.150 B10, FA 45.160 -10, FA 45.160 C08, FA 45.160 C09, FA 45.160 C11, FA 45.180, FA45.210 85-158kW	05/91→12/00	F	**FCV376**	4	29017	312	191	89	23						**FCR102A**
			FCV503	4	29024		191	89	23						

F 45 Series (10 & 11 ton)

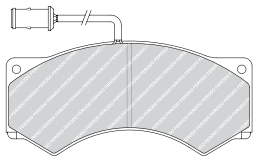
FA 45.150 C09 108kW /147PS FA 45.160 C09 119kW /162PS FA 45.160 C11 119kW /162PS FA 45.160-10 119kW /162PS FA 45.180 B10 133kW /181PS FA 45.180 B11 133kW /181PS FA 45.210 B11 158kW /215PS	05/91→2001	R	**K17900.0**	2	17900	325	301	147	12,1		**44**	93057			
				2	17901	325	251	147	12,1			93057			

FERODO

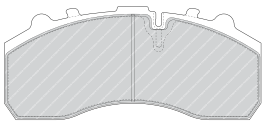
FCV376
3422 WAB 456 F-Ö



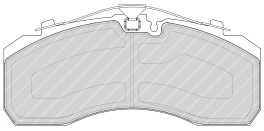
FCV503
3475 WAB 456 F-Ö



FCV1373BHD
4576 KNR SB/SN7



FCV4345PTS
4567 KNR SB/SN7



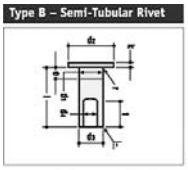


FCR102A

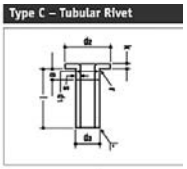
Ø	A	B	C	D		Kg		ABS
312	30.0	27.5	137	133	12xM12	14.6		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

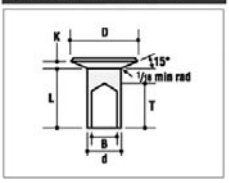
Type B – Semi-Tubular Rivet

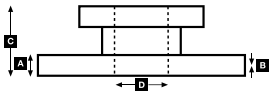


Type C – Tubular Rivet



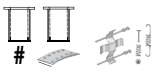
Type A – Semi Tubular Rivets













...DAF

F 45 Series (3,5-7,7 ton)

FA 45.130 B06, C06 97kW/132PS	05/91→2001	R	**K15817.0**	2	15817	325	301	97	12,1		**44**	93060			
FA 45.130 B08, C08				2	15823	325	251	97	12,1			93060			
FA 45.150 B08, C08 107kW/146PS															
FA 45.160 C08 119kW /162PS															
FA 45.180 B08 133kW /181PS	05/95→2001														
FA 45.210 B08 158kW /215PS	1996→2001														

F 50 Series

FA 50 Wheel = 19,5" Air Brake Wabco 1600 V-G	→05/95	F	**FCV1042**	4	29077	375	205	106	27						**FCR151A**

F 55 Series

FA 55.150 B13, FA 55.180 B13, FA 55.180 B15, FA 55.210 B13, FA 55.210 B15, FA 55.230 B13, FA 55.230 B15, FAG 55.210 B 21 107-173kW	11/95→12/00	F	**FCV1042**	4	29077	375	205	106	27						**FCR151A**

F 55 Series

FA 55.180 B13 Wabco 1600 V-G 133kW /182PS	11/95→2001	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058			
FA 55.180 B15 Wabco 1600 V-G 133kW /182PS															
FA 55.210 B13 Wabco 1600 V-G 158kW /215PS															
FA 55.210 B15 Wabco 1600 V-G 158kW /215PS															
FA 55.230 B13 Wabco 1600 V-G 173kW /235PS															
FA 55.230 B15 Wabco 1600 V-G 173kW /235PS															
FAG 55.210 B21 158kW/215PS															

F 65 Series

FA 65.180 (4x2) 133kW/181PS	03/93→02/98	F	**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
FA 65.210 156kW /212PS				4	19010	420	176	150	▶20,8			93686			
FA 65.240 177kW /240PS	05/96→02/98	R	**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
FAV 65.180 (4x4) 133kW/181PS	03/93→02/98			4	19064	420	176	200	▶20,8			93685			
FAV 65.210 156kW /212PS															

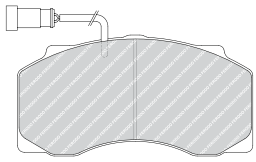
F 75 Series

FA 75.240 ATi (4x2) 180kW/245PS	07/92→02/98	F	**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
FA 75.270 ATi (4x2) 200kW/272PS				4	19010	420	176	150	▶20,8			93686			
FA 75.300 (4x2) 222kW/302PS		R1	**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
FAG 75.240 ATi (6x2/4) 180kW/245PS				4	19064	420	176	200	▶20,8			93685			
FAG 75.270, FAN 75.270 (6x2/4) 200kW/272PS		R2	**K19052.0**	4	19052	420	177	175	▶20,6	6x2/6x4	**96**	93686			
FAG 75.300, FAN 75.300 (6x2/4) 222kW/302PS				4	19055	420	176	175	▶20,8			93686			
FAN 75.240 (6x2/4) 180kW/245PS															
FAR 75.240 (6x2) 180kW/245PS															
FAR 75.270, FAS 75.270 (6x2) 200kW/272PS															
FAR 75.300 (6x2) 222kW/302PS															
FAS 75.240 (6x2) 180kW/245PS															
FAS 75.300 (6x2) 222kW/302PS															
FAT 75.270 (6x4) 200kW/272PS															
FAV 75.240 (4x4) 180kW/245PS															
FAV 75.270 (4x4) 200kW/272PS															
FT 75.240 ATi (4x2) 180kW/245PS															
FT 75.270 (4x2) 200kW/272PS															
FT 75.300 (4x2) 222kW/302PS															

F 85 Series

FA 85.330 ATi (4x2) 242kW/330PS	07/92→02/98	F	**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
FA 85.360 ATi (4x2) 268kW/365PS				4	19010	420	176	150	▶20,8			93686			
FA 85.400 ATi (4x2) 295kW/401PS	03/95→02/98	R	**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
FT 85.330 ATi (4x2) 242kW/330PS	07/92→02/98			4	19064	420	176	200	▶20,8			93685			
FT 85.360 ATi (4x2) 268kW/365PS															
FT 85.400 ATi (4x2) 295kW/401PS	03/95→02/98														
FAD 85.330 ATi (8x4) 242kW/330PS	07/92→02/98	F1	**K19052.0**	4	19052	420	177	175	▶20,6		**96**	93686			
FAD 85.360 ATi (8x4) 268kW/365PS				4	19055	420	176	175	▶20,8			93686			
FAD 85.400 ATi (8x4) 295kW/401PS	03/95→02/98	F2	**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
				4	19010	420	176	150	▶20,8			93686			
		R1	**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
				4	19064	420	176	200	▶20,8			93685			
		R2	**K19052.0**	4	19052	420	177	175	▶20,6		**96**	93686			
				4	19055	420	176	175	▶20,8			93686			

FCV1042
3475 WAB 1600 V-G

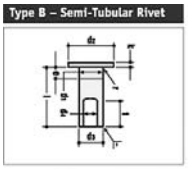




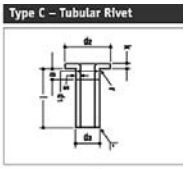
	∅	A	B	C	D		Kg	ABS
FCR151A	375	44.0	37.0	128	154	10xM14	25.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

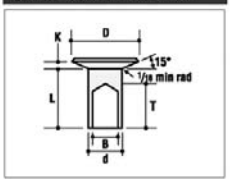
Type B – Semi-Tubular Rivet

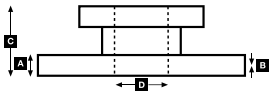


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...DAF

...F 85 Series

FAG 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98	F	K19052.0	4	19052	420	177	175	▶20,6		96	93686			
FAG 85.360 (6x2/2/4) 268kW/365PS				4	19055	420	176	175	▶20,8			93686			
FAG 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98	R1	K19010.0	4	19011	420	177	150	▶20,6		64	93686			
FAR 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98			4	19010	420	176	150	▶20,8			93686			
FAR 85.360 (6x2/2/4) 268kW/365PS		R2	K19063.0	4	19063	420	177	200	▶20,6		128	93685			
FAR 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98			4	19064	420	176	200	▶20,8			93685			
FAS 85.330 (6x2/2/4) 242kW/330PS	07/92→02/98														
FAS 85.360 (6x2/2/4) 268kW/365PS															
FAS 85.400 (6x2/2/4) 295kW/401PS	03/95→02/98														
FTG 85.330 (6x2/4) 242kW/330PS	07/92→02/98														
FTG 85.360 (6x2/4) 268kW/365PS															
FTG 85.400 (6x2/4) 295kW/401PS	03/95→02/98														
FAT 85.330 ATi (6x4) 242kW/330PS	07/92→02/98	F	K19052.0	4	19052	420	177	175	▶20,6		96	93686			
FAT 85.360 ATi (6x4) 268kW/365PS				4	19055	420	176	175	▶20,8			93686			
FAT 85.400 ATi (6x4) 295kW/401PS	03/95→02/98	R1	K19063.0	4	19063	420	177	200	▶20,6		128	93685			
FTT 85.330 (6x4) 242kW/330PS	07/92→02/98			4	19064	420	176	200	▶20,8			93685			
FTT 85.360 ATi (6x4) 268kW/365PS		R2	K19063.0	4	19063	420	177	200	▶20,6		128	93685			
FTT 85.400 ATi (6x4) 295kW/401PS	03/95→02/98			4	19064	420	176	200	▶20,8			93685			

F 85 CF Series

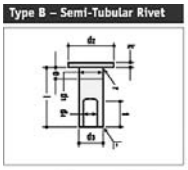
FA 85 CF 340 (4x2) 250kW/340PS	02/98→	F	K19010.0	4	19011	420	177	150	▶20,6		64	93686			
FA 85 CF 380 (4x2) 280kW/381PS				4	19010	420	176	150	▶20,8			93686			
FT 85 CF 340 (4x2) 250kW/340PS		R	K19063.0	4	19063	420	177	200	▶20,6		128	93685			
FT 85 CF 380 (4x2) 280kW/381PS				4	19064	420	176	200	▶20,8			93685			
FAC 85 CF 430 (8x2) 315kW/428PS															
FAD 85 CF 340 (8x4/4) 250kW/340PS															
FAD 85 CF 380 (8x4/4) 280kW/381PS															
FAD 85 CF 430 (8x4/4) 315kW/428PS															
FAG 85 CF 340 (6x2/4) 250kW/340PS															
FAG 85 CF 380 (6x2/4) 280kW/381PS															
FAG 85 CF 430 (6x2/4) 315kW/428PS															
FAN 85 CF 340 (6x2/4) 250kW/340PS															
FAN 85 CF 380 (6x2/4) 280kW/381PS															
FAN 85 CF 430 (6x2/4) 315kW/428PS															
FAR 85 CF 340 (6x2) 250kW/340PS															
FAR 85 CF 380 (6x2) 280kW/381PS															
FAR 85 CF 430 (6x2) 315kW/428PS															
FAS 85 CF 340 250kW/340PS															
FAS 85 CF 380 280kW/381PS															
FAS 85 CF 430 315kW/428PS															
FAT 85 CF 340 (6x4) 250kW/340PS															
FAT 85 CF 380 (6x4) 280kW/381PS															
FAT 85 CF 430 (6x4) 315kW/428PS															
FTG 85 CF 340 (6x2/4) 250kW/340PS															
FTG 85 CF 380 (6x2/4) 280kW/381PS															
FTG 85 CF 430 315kW /428PS															
FTT 85 CF 340 (6x4) 250kW/340PS															
FTT 85 CF 430 (6x4) 315kW/428PS															

F 95 / 95 XF Series

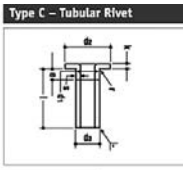
All types (306-507 PS) 420 x 150mm:	09/87→1989	F	K19900.0	4	19900	420	177	150	▶19,1		64	93686			
				4	19901	420	179	150	▶18,5			93686			
		R	K19900.0	4	19900	420	177	150	▶19,1	Trailing axle	64	93686			
				4	19901	420	179	150	▶18,5			93686			
		R2	K19900.0	4	19900	420	177	150	▶19,1		64	93686			
				4	19901	420	179	150	▶18,5			93686			
All types (306-507 PS) 420 x 175mm:	09/87→1989	F	K19888.0*	4	19888	420	177	175	▶18,5	*use 19 888 18,50 60 6	96	93686			
				4	19889	420	179	175	▶19,1			93686			
		R	K19888.0*	4	19888	420	177	175	▶18,5	*use 19 888 18,50 60 6	96	93686			
				4	19889	420	179	175	▶19,1			93686			
All types (306-507 PS) 420 x 200mm:	09/87→1989	R	K19890.0	4	19891	420	179	200	▶19,1		128	93685			
				4	19890	420	177	200	▶18,5			93685			
		R2	K19890.0	4	19891	420	179	200	▶19,1		128	93685			
				4	19890	420	177	200	▶18,5			93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

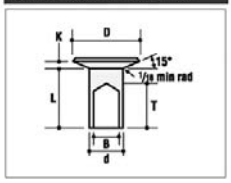
Type B – Semi-Tubular Rivet

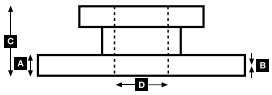


Type C – Tubular Rivet

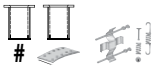


Type A – Semi Tubular Rivets









...DAF

...F 95 / 95 XF Series

All types (306-507 PS) 420 x 240mm:		R	**K19914.0**	4	19914	420	179	240	19,1/13,4		**128**				
				4	19915	420	177	240	19,7/17,4						
All types with S-Cam brake 419 x 127mm:	1990→09/02		**17 012 21,55 60 6**	4	17013	419	209	127	▶21,55		**80**	93686			
				4	17012	419	220	127	▶21,55			93686			
All types with S-Cam brake 419 x 152mm:	1990→09/02		**K19024.0**	4	19024	419	209	152	▶20,6		**80**	93686			
				4	19031	419	220	152	▶20,8			93686			
All types with S-Cam brake 420 x 150mm:	1990→09/02		**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
				4	19010	420	176	150	▶20,8			93686			
All types with S-Cam brake 420 x 175mm:	1990→09/02		**K19052.0**	4	19052	420	177	175	▶20,6		**96**	93686			
				4	19055	420	176	175	▶20,8			93686			
All types with S-Cam brake 420 x 200mm:	1990→09/02		**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
				4	19064	420	176	200	▶20,8			93685			

F 600

FA 600 CD 85kW	12/86→12/92	F	**FCV376**	4	29017	315	191	89	23						**FCR101A**

F 800 Series

FA 800 CB, FA 800 CN 96-108kW	12/86→08/91	F	**FCV376**	4	29017	315	191	89	23						**FCR101A**

F 800 Series

FA 800 CB, FA 800 CN 96-108kW	12/86→08/91	R	**K15817.0**	2	15817	325	301	97	12,1		**44**	93060			
				2	15823	325	251	97	12,1			93060			

F 1000

FA 1000 CB, FA 1000 CN 96-108kW	12/86→12/92		**FCV376**	4	29017	312	191	89	23						**FCR102A**

Freighter

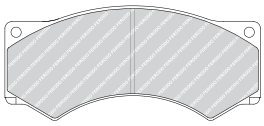
11.11, 13, 14, 15	1983→1990	F	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684			
				2	17663	330	343	127	9,5			93684			
		F	**K17217.0**	4	17217	330	295	125	11,7	Opt.	**48**	93684			
		R	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684			
				2	17663	330	343	127	9,5			93684			
		R	**K17932.0**	2	17933	330	295	127	▶8,5	Opt.	**52**				
				2	17932	330	340	127	▶10		**52**				
13.11, 13, 14, 16	1982→1990	R	**K17316.0**	4	17316	394	321	127	12,7	Opt.	**48**	93683			
15.11, 14	1983→1990	F	**K17217.0**	4	17217	330	295	125	11,7	7" brake	**48**	93684			
16.13, 15	1981→1984		**K19072.0**	4	19072	394	360	152	12,7	Opt.	**48**	93684			
16.14	1983→1990														

F-Series

2100		F	**K17263.0***	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6	**80**	93685			
F 2000, 2005 FA/FT 121kW/165PS	1972→1989			4	17264	419	216	127	▶18,8			93685			
F 2200, 2205 FA/FAS/FAT/FM/FT 159kW/216PS		R	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
3200 (for Air Brakes)	→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
FA 2100 150kW /204PS	1977→1989			4	19151	419	216	152	▶18,8			93685			
FA 2105 DHR 150kW /204PS	1978→1989	R	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
FA 2105 DM	1980→1989			4	19151	419	216	152	▶18,8			93685			
FAD 2205	1974→1989														
FAD 2305 DHU	1980→1986														
FAS 2105 DHR	1980→1989														
FAT 2305 DHRE	1980→1986														
FT 2100, 2105 DHR 150kW/204PS	1983→1989														
FT 2105 DHTD, DHT															
FTS, FTT 2200															
F 500	1978→1986	F	**K17829.0***	2	17829	310	245	100	10,0	* use J1228928	**56**	93038			
F 700 (6-7, 5 to) 57kW/78PS	1975→1986			2	17830	310	209	100	10,0			93038			
		R	**K17831.0***	2	17832	310	245	125	10,0	* use J1229928	**64**	93038			
				2	17831	310	209	125	10,0			93038			
F 800	1975→1986	F	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	**60**				
F 900 (8-10 to)				2	17828	325	210	120	12,5						
FA 900 DE, DD	1983→1986	R	**K19620.0**	2	19621	325	251	150	12,5		**64**				
FA 900 DF, DT				2	19620	325	210	150	12,5						
FA 1100 DNTD 96kW/130PS	1987→1990														
FA 1100 DT 110kW/150PS	1978→1986														
FT 1100	1987→1990														

FERODO

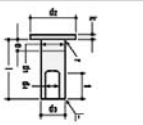
FCV376
3422 WAB 456 F-Ö



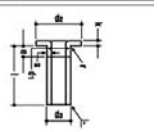
		∅	A	B	C	D		Kg		ABS
FCR101A		315	26.0	24.0	122	119	10xM12	13.1		
FCR102A		312	30.0	27.5	137	133	12xM12	14.6		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

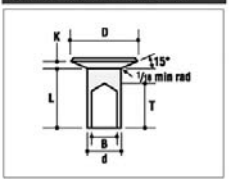
Type B – Semi-Tubular Rivet

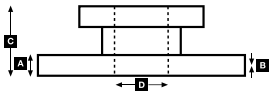


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...DAF

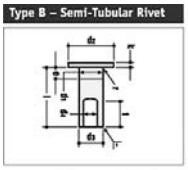
...F-Series

F 1100	1978→1986	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1228928	64				
F 1300 (G110)	1976→1986	R	**K19622.0**	4	19622	394	354	152	12,7		64				
F 1400 (G130)															
FA 1500	1978→1986														
F 2500 DHS, Turbo Intercooler 184kW/250PS	1981→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
FA 2805 DKSE 206kW/280PS	1984→1989			4	19151	419	216	152	▶18,8			93685			
FAD 2525 DHS (8x4) 184kW/250PS	1983→1989	R1	**K19256.0**	4	19256	419	208	178	▶18,3		112	93685			
FAR 2500 DHS (6x2) 184kW/250PS	1982→1989			4	19260	419	216	178	▶18,8			93685			
FAT 2305 DHU, FT 2500	1977→1989	R2	**K19256.0**	4	19256	419	208	178	▶18,3		112	93685			
FAT 2525 DHS (6x4) 184kW/250PS	1983→1989			4	19260	419	216	178	▶18,8			93685			
FT & FA 2500 DHS 195kW/265PS															
FT 2500 DHS	1986→1989														
N 2800 (6x4)	1982→1989														
F 2800 ATi	1986→1989	F1	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
F 3200 ATi				4	19151	419	216	152	▶18,8			93685			
		F2	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R1	**K19890.0**	4	19891	420	179	200	▶19,1		128	93685			
				4	19890	420	177	200	▶18,5			93685			
		R2	**K19256.0**	4	19256	419	208	178	▶18,3	6x4	112	93685			
				4	19260	419	216	178	▶18,8			93685			
		R2	**K19150.0**	4	19150	419	209	152	▶18,3	Trailing axle	80	93685			
				4	19151	419	216	152	▶18,8			93685			
F 3300 DKX Turbo Intercooler 243kW/330PS	1981→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
FA 3305 DKX 243kW/330PS	1984→1989			4	19151	419	216	152	▶18,8			93685			
FAG 2305 DHT (6x2) 162kW/220PS	1982→1989	R1	**K19256.0**	4	19256	419	208	178	▶18,3		112	93685			
FAR, FTR 3300 DKX (6x2)				4	19260	419	216	178	▶18,8			93685			
FAR, FTR 3300 DKX (6x2) 243kW/330PS	1984→1989	R2	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
FTR 3300 DKSE (6x2) 206kW/280PS	1983→1989			4	19151	419	216	152	▶18,8			93685			
FTR 3300 DKX (6x2) 243kW/330PS	1982→1989														
FA 600/800 Wabco 465 F-O	1987→1991	R	**K15817.0**	2	15817	325	301	97	12,1		44	93060			
				2	15823	325	251	97	12,1			93060			
FA 1005 (17, 5") Wabco 465 F-O	1987→	R	**K17900.0**	2	17900	325	301	147	12,1		44	93057			
				2	17901	325	251	147	12,1			93057			
FA 1300 DNT 132kW /180PS	1987→1989	F	**K19923.0***	4	19923	360	351	170	▶16,5	* use B2063927	88	93683			
		R	**K19923.0***	4	19923	360	351	170	▶16,5	* use B2063927	88	93683			
FA 1700 DNT	1987→1995	F	**K19923.0***	4	19923	360	351	170	▶16,5	* use B2063927	88	93683			
			K19231.0	8	19306	360	173	170	▶16,5	1/90→	96	93683			
		R	**K19923.0***	4	19923	360	351	170	▶16,5	* use B2063927	88	93683			
			K19231.0	8	19306	360	173	170	▶16,5	1/90→	96	93683			
FA 1900	11/89→09/93	F	**K19010.0**	4	19011	420	177	150	▶20,6		64	93686			
FA 1905				4	19010	420	176	150	▶20,8			93686			
FT 1900		R	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	112	93685			
				4	19260	419	216	178	▶18,8			93685			
		R	**K19052.0**	4	19052	420	177	175	▶20,6		96	93686			
				4	19055	420	176	175	▶20,8			93686			
FA 1900 DNS, Topsleeper 156kW/212PS	1987→1989	F	**K19900.0**	4	19900	420	177	150	▶19,1		64	93686			
FA 1900 DNT				4	19901	420	179	150	▶18,5			93686			
FA 1905, FT 1905		R	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	112	93685			
FA 2100, FAR 2100				4	19260	419	216	178	▶18,8			93685			
FA 2500, FAR 2500	1987→	R	**K19888.0***	4	19888	420	177	175	▶18,5	*use 19 888 18,50 60 6	96	93686			
FAD 2500, FAS 2500				4	19889	420	179	175	▶19,1			93686			
FAS 2100, FAT 2100	1987→1989														
FD 2100															
FD 2800	1987→														
FT 2500															
FA 2100 DH, DHTD, DHT	1983→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
FA 2105 DH, DHTD	1984→1989			4	19151	419	216	152	▶18,8			93685			
FA 2505 DHS 184kW/250PS		R	**K19256.0**	4	19256	419	208	178	▶18,3		112	93685			
FT 2100 DHT	1986→1989			4	19260	419	216	178	▶18,8			93685			

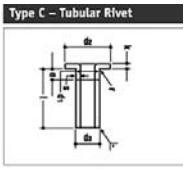
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

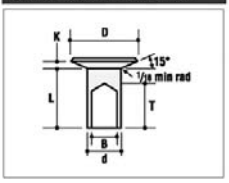
Type B – Semi-Tubular Rivet

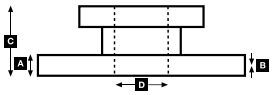


Type C – Tubular Rivet

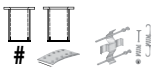


Type A – Semi Tubular Rivets










...DAF

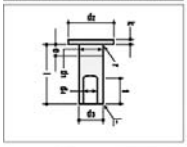
...F-Series

FA 2105 FA 2505	11/89→	F	**K19024.0**	4 4	19024 19031	419 419	209 220	152 152	▶20,6 ▶20,8		**80**	93686 93686			
		R	**K19052.0**	4 4	19052 19055	420 420	177 176	175 175	▶20,6 ▶20,8		**96**	93686 93686			
FA 2300 FA, FT 2700 FA, FT 2900	11/89→	F	**K19024.0**	4 4	19024 19031	419 419	209 220	152 152	▶20,6 ▶20,8		**80**	93686 93686			
		R	**K19063.0**	4 4	19063 19064	420 420	177 176	200 200	▶20,6 ▶20,8		**128**	93685 93685			
FA 2300 DHT 162kW/220PS	1983→1989	F	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
FA 2300 DHT 162kW/228PS	1983→1989	R1	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
		R2	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
FA 2500	11/89→	F	**17 012 21,55 60 6**	4 4	17013 17012	419 419	209 220	127 127	▶21,55 ▶21,55		**80**	93686 93686			
		F	**K19024.0**	4 4	19024 19031	419 419	209 220	152 152	▶20,6 ▶20,8	Opt.	**80**	93686 93686			
		R	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
		R	**K19052.0**	4 4	19052 19055	420 420	177 176	175 175	▶20,6 ▶20,8	Opt.	**96**	93686 93686			
FA 2605 DK (4x2) 156kW/212PS FA 2605 DKA (4x2) 169kW/230PS FAS 2600 DK (6x2) 156kW/212PS FAS 2600 DKH (6x2) 169kW/230PS FAT 2600 DKA (6x4) 169kW/230PS FT 2605 DK (4x2) 156kW/212PS FT 2605 DKA (4x2) 169kW/230PS FTS 2600 DK (6x2) 156kW/212PS FTS 2600 DKA (6x2) 169kW/230PS FTT 2600 DKA (6x4) 169kW/230PS	1972→1989	F	**K17263.0***	4 4	17263 17264	419 419	209 216	127 127	▶18,3 ▶18,8	*use 17 263 18,30 60 6	**80**	93685 93685			
		R	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
FA 2800 DKS (4x2) FMD 2825 DKTD (8x4) 188kW/256PS	1974→1989 1982→1989	F1	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
FT 2800 DKS (4x2) FT 2800 DKT (4x2) FT 2800 DKTD (4x2) FTT 2805 DKS (6x4) MAG 2800 DKTL (6x2) 185kW/252PS	1974→1989 1982→1989	F2	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8	6x2 & 8x4	**80**	93685 93685			
		R1	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
		R2	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
FA 2800 DKV, Topsleeper FT 2800 DKV	1986→1989	F	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
		R	**K19618.0***	4 4	19618 19617	419 419	219 210	203 203	▶18,5 ▶18,5	*use 19 617 18,50 60 6	**160**	93686 93686			
FAD 2825 DKV FAT 2825 DKV (6x4/8x4)	→1987 1986→1989	F1	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
		F2	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8	6x4	**112**	93685 93685			
		F2	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8	8x4	**80**	93685 93685			
		R1	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
		R2	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
FAD 3325 DKX (8x4) FAD 3325 DKX-ATI (8x4) FAT 3325 DKX (6x4) FTT 3325 DKX (6x4)	1986→1989 1982→1989	F1	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
		F2	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8	8x4	**80**	93685 93685			
		R1	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8		**112**	93685 93685			
		R2	**K19256.0**	4 4	19256 19260	419 419	208 216	178 178	▶18,3 ▶18,8	6x4	**112**	93685 93685			

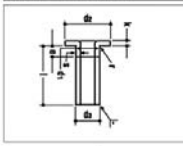
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

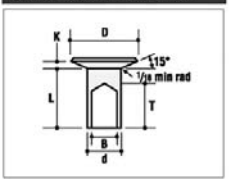
Type B – Semi-Tubular Rivet

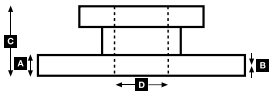


Type C – Tubular Rivet

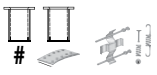


Type A – Semi Tubular Rivets








...DAF

...F-Series

FAG 2505 DHS 195kW/265PS	1983→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R1	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R2	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
FAG 3300 (6x2) FT 3600 DKZ	1986→1989	F1	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		F2	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19150.0**	4	19150	419	209	152	▶18,3	Trailing axle	**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
FAR 3300 (6x2)	1986→1989	F1	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		F2	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19150.0**	4	19150	419	209	152	▶18,3	Trailing axle	**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
FAT 2525 DKS (6x4) 184kW/250PS	1982→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R1	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
		R2	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R2	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
FT 2100 DHR FT 2105 DHR	1980→1983	R	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
FT 2805 DKV	1986→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
FT 3200 KS 238kW/324PS	01/90→10/93	F	**K19900.0**	4	19900	420	177	150	▶19,1		**64**	93686			
				4	19901	420	179	150	▶18,5			93686			
		R	**K19890.0**	4	19891	420	179	200	▶19,1		**128**	93685			
				4	19890	420	177	200	▶18,5			93685			

Laird

1160/1200LR (16/9" w/b)	1969→1971	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			

LF 45

45.220, FA 45.150, FA 45.170, FA 45.180, FA 45.220 110-162kW	01/01→	F	**FCV1279**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI152	**FCR255A**
						330	176	83	26	12 ton axle					**FCR256A**
		R	**FCV1279**	4	29088	330	176	83	26	7 ton axle, FAC173 (SPRINGS)/ FAC169 (FORKS)			FAC173/FAC169	FAI152	**FCR226A**

LF 55

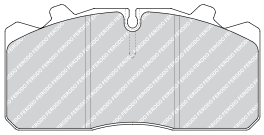
FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	01/01→	F	**FCV4345PTS**	4	29253	432	248	109	30	ProTec S Version, 6x2 Opt					
			FCV1373BHD	4	29179	432	248	109	30	Alternative HD option pad					
		R	**FCV4345PTS**	4	29253	432	248	109	30	ProTec S Version, 6x2 Opt					
			FCV1373BHD	4	29179	432	248	109	30	Alternative HD option pad					
FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	→02/03	F	**FCV1389**	4	29142	375	204.6	99.6	30	FAC168 (SPRINGS)/FAC170 (FORKS)			FAC168/FAC170	FAI166	**FCR257A**
		R	**FCV1389**	4	29142	375	204.6	99.6	30	FAC168 (SPRINGS)/FAC170 (FORKS)			FAC168/FAC170	FAI166	**FCR258A**
FA 55.170, FA 55.180, FA 55.220, FA 55.250, FA LF.180, FT 55.180, FT 55.220, FT 55.250 123kW	03/03→	F	**FCV1964**	4	29159		211	93	30	FAC166(SPRINGS)/FAC170(FORKS)			FAC166/FAC170	FAI168	
		R	**FCV1964**	4	29159		211	93	30	FAC166(SPRINGS)/FAC170(FORKS)			FAC166/FAC170	FAI168	

Mastiff

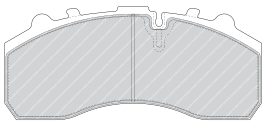
MS1600 MS2400 MS2600 MS2600, 2800 (tractor)	1969→1983 1969→1979 1969→1970 1970→1982	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

FERODO

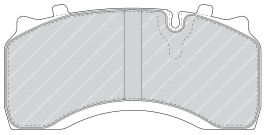
FCV1279
4551 WAB PAN 17



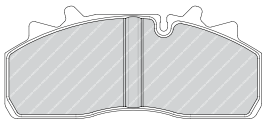
FCV1373BHD
4576 KNR SB/SN7



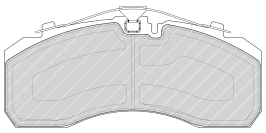
FCV1389
4572 WAB PAN 19-2



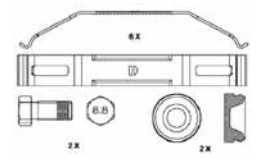
FCV1964
4568 WAB PAN 19-1



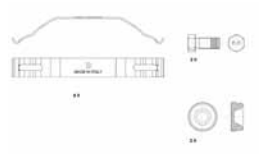
FCV4345PTS
4567 KNR SB/SN7



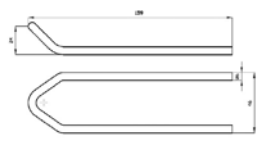
FAC166



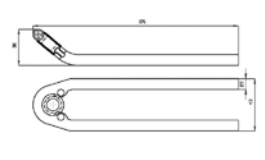
FAC168



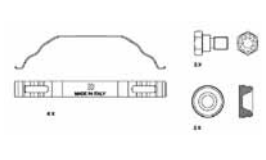
FAC169



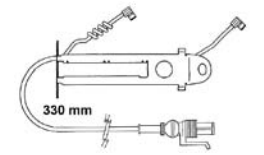
FAC170



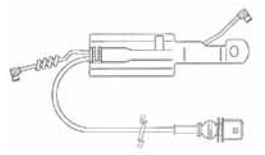
FAC173



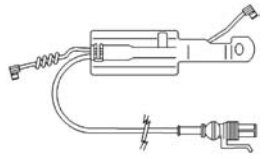
FAI152
330mm
2



FAI166
450mm
2



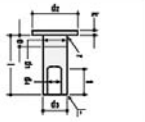
FAI168
380mm
2



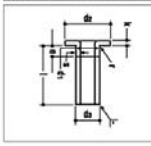
	∅	A	B	C	D		Kg		ABS
FCR226A	330	34.0	30.0	119	150	12xM12x1.175	18.0		✓
FCR255A	330	34.0	30.0	123	117	12xM12x1.75	18.0		✓
FCR256A	330	34.0	30.0	143	133	16xM12x1.75	19.3		✓
FCR257A	375	45.0	43.0	99	117	10x15 2xM14x2	23.4		
FCR258A	375	45.0	37.0	146	179	10xM14	29.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

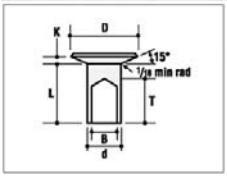
Type B – Semi-Tubular Rivet

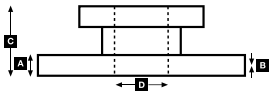


Type C – Tubular Rivet



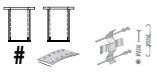
Type A – Semi Tubular Rivets













...DAF

Redline

1160FJ (16/9" w/b) 1700/1800FJT (16/9" w/b) FJK140, 340, 360 (16/9" w/b)	1968→1969 1965→1967	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			

Roadrunner

6.10, 12, 13, 15, 8.10, 12, 13, 15	01/86→12/91	F	**FCV376** **FCV503**	4 4	29017 29024	315	191 191	89 89	23 23						**FCR101A**
10.12, 13, 15	01/86→12/91	F	**FCV503**	4	29024	312	191	89	23						**FCR102A**

Roadrunner

6.10, 12, 13, 15, 8.10, 12, 13, 15	01/86→12/91	R	**K15817.0**	2 2	15817 15823	325 325	301 251	97 97	12,1 12,1		**44**	93060 93060			
10.12, 13, 15	01/86→12/91	R	**K17900.0**	2 2	17900 17901	325 325	301 251	147 147	12,1 12,1		**44**	93057 93057			

Roadtrain

16.25, 28, 29	1980→1990	F	**K19921.0**	8	19921	394	191	200	▶19,3	Opt.	**128**	93683			
17.25, 27, 28, 29 17.30, 32, 34, 35 19.28	1982→1990 1984→1990 1982→1990	R	**K19921.0**	8	19921	394	191	200	▶19,3	Opt.	**128**	93683			
20.29, 32 (6x2 tractor)	1988→1990	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
20.33, 35 (6x2 tractor)		R2	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			

Terrier

TR650, TR738 TR750	1970→1984 1970→1971	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
TR850 TR950	1970→1984 1970→1971	F R	**K17555.0** **K17662.0**	4 2 2	17555 17662 17663	330 330 330	299 300 343	101 127 127	9,5 9,5 9,5		**48** **52**	 93684 93684			

XF 95

FA 95.380, FA 95.430, FA 95.480, FA 95.530, FT 315, FT 355, FT 95.380, FT 95.530, FTG 95.380 250-390kW	09/02→	F	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					
		R	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					

XF105

XF 105.410, XF 105.460, XF 105.510	10/05→	F	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					
		R	**FCV4345PTS** **FCV1373BHD**	4 4	29253 29179	432 432	248 248	109 109	30 30	ProTec S Version Alternative HD option pad					

DENNIS

Eagle

Refuse Wagon	1994→	F	**FCV1047B**	4	29090	438	250	114	28					FAI116	**FCR192A**
		R	**FCV1047B**	4	29090	438	250	114	28					FAI116	**FCR192A**

Elite

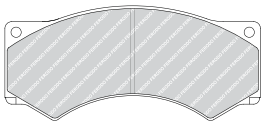
Elite	01/00→	F	**FCV1047B**	4	29090	438	250	114	28					FAI116	**FCR286A**

Elite

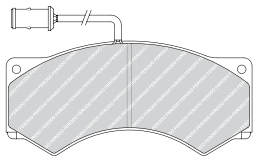
Elite	2000→	R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
1721MD, MS, P 1725MD, MS XM11, XM13	1994→	F R	**K19090.0** **K19090.0**	8 8	19090 19090	410 410	176 176	175 175	▶18,3 ▶18,3		**96/104** **96/104**	93683/93685 93683/93685			
2221MD, MS, Linksteer 2225MD, MS, Linksteer 2421MD, MS, Linksteer 2425MD, MS, Linksteer 2521MD, MS 2525MD, MS 2621MD, MS, Linksteer 2625MD, MS, Linksteer XM15, XM17	1994→	F R1 R2	**K19090.0** **K19090.0** **K19090.0**	8 8 8	19090 19090 19090	410 410 410	176 176 176	175 175 175	▶18,3 ▶18,3 ▶18,3		**96/104** **96/104** **96/104**	93683/93685 93683/93685 93683/93685			

FERODO

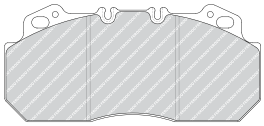
FCV376
3422 WAB 456 F-Ö



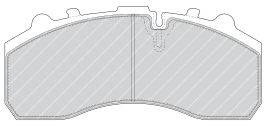
FCV503
3475 WAB 456 F-Ö



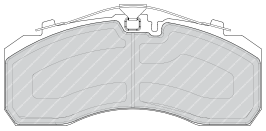
FCV1047B
4572 MER D-LISA



FCV1373BHD
4576 KNR SB/SN7



FCV4345PTS
4567 KNR SB/SN7



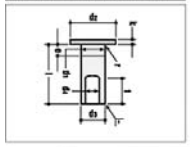
FAI116 ↔ 226mm
2



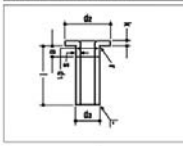
		∅	A	B	C	D		Kg		ABS
FCR101A		315	26.0	24.0	122	119	10xM12	13.1		
FCR102A		312	30.0	27.5	137	133	12xM12	14.6		
FCR192A		438	45.0	38.0	127	195	10xM16	35.0		
FCR286A		438	45.0	38.0	130	136	10x17.2	35.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

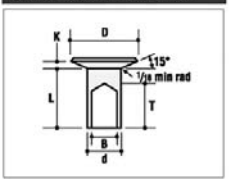
Type B – Semi-Tubular Rivet

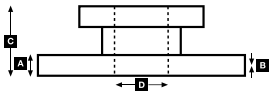


Type C – Tubular Rivet



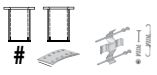
Type A – Semi Tubular Rivets













...DENNIS

Fire Engines

Dagger		F	FCV1277BFE	4	29183		185	84	27/34						
		R	FCV1277BFE	4	29183		185	84	27/34						
Rapier (22, 5") SEE 2x67	09/91→	F	FCV668	4	29013	354	183	87	21						FCR126A
Sabre (22, 5") Meritor D LISA	1995→	F	FCV1047B	4	29090	438	250	114	28					FAI116	FCR192A

Fire Engines

F type S type	1976→	F	K19072.0	4	19072	394	360	152	12,7		48	93684			
Rapier (22, 5") SEE 2x67		R	K19503.0	4	19503	360	316	170	16,0		72	93058			
			K19918.0	4	19225	360	318	170	14,0		72	93059			
Sabre		R	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/104	93683/93685			

Maxim (4 wheel)

All	1965→1970	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

Maxim (6 wheel)

All	1965→1967	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

Refuse Collectors

Phoenix	1985→	F	K19090.0	8	19090	410	176	175	▶18,3		96/104	93683/93685			
		R1	K19090.0	8	19090	410	176	175	▶18,3		96/104	93683/93685			
		R2	K19090.0	8	19090	410	176	175	▶18,3		96/104	93683/93685			

Self Steer 20 ton

All	1970→	R1	K19072.0	4	19072	394	360	152	12,7		48	93684			

ERF

A Series

LAC/LAG303, 304	1974→1980	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

ECS/ECT/ECX

4x2, 6x2	→2001	F	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
		R	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
4x2, 6x2	2002→03/03	F	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
			FCV4296PTS	4	29253		248	108	30	SB7					
		R	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
			FCV4296PTS	4	29253		248	108	30	SB7					
4x2, 6x2	04/03→	F	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
			FCV1404BFE	4	29156	434	250	118	30	D-Elsa2 - No ABS					FCR289A
			FCV4296PTS	4	29253		248	108	30	SB7					
		R	FCV1578BFE	4	29210	432	250	118	28	D3/D-Elsa 1					FCR215A
			FCV1404BFE	4	29156	434	250	118	30	D-Elsa2 - No ABS					FCR290A
			FCV4296PTS	4	29253		248	108	30	SB7					

Pre-1974 range

64G tractor 24 ton 66CU tractor 32/48 ton 84PV	1968→1973 1968→1969	F	K19072.0	4	19072	394	360	152	12,7		48	93684			
68GX 24/26 ton	1968→1973	F1	K19072.0	4	19072	394	360	152	12,7		48	93684			
		F2	K19072.0	4	19072	394	360	152	12,7		48	93684			

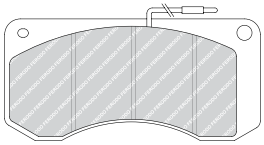
Series C:

C 36, C 40 C 38	1982→1986 1984→1986	F	K19922.0*	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8 / Light weight axle	96	93685			
		R	K19922.0*	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8 / Light weight axle	96	93685			

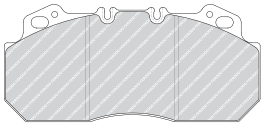
Series CP:

CP 28/32.250 (4x2) Tractors	1984→1986	F	K19922.0*	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	96	93685			
CP 32.290 (4x2) Tractors		R	K19922.0*	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	96	93685			

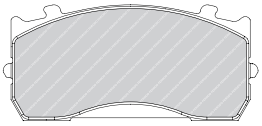
FCV668
4550 S.E.E. 2 x 67



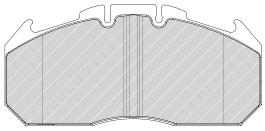
FCV1047B
4572 MER D-LISA



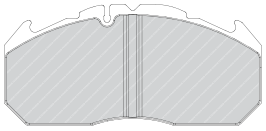
FCV1277BFE
4550 KNR SB/SN5…



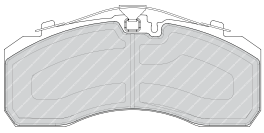
FCV1404BFE
4568 MER D-ELSA2



FCV1578BFE
4568 MER D3/D-ELSA 1



FCV4296PTS
4550 KNR SB/SN7



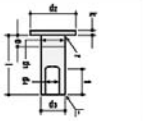
FAI116 ↔ 226mm
2



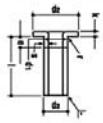
		∅	A	B	C	D		Kg		ABS
FCR126A		354	30.0	26.0	82	128	10x12.4	14.2		
FCR192A		438	45.0	38.0	127	195	10xM16	35.0		
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		
FCR289A		434	45.0	37.0	145.5	210	12xM16	38.3		
FCR290A		434	45.0	38.0	149	210	12xM16	38.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

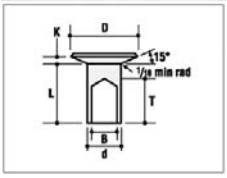
Type B – Semi-Tubular Rivet

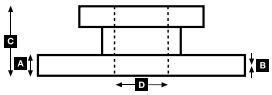


Type C – Tubular Rivet

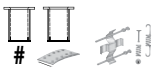


Type A – Semi Tubular Rivets











...ERF

Series E:

E 6.18	1991→09/93	F	**K19553.0**	6	19553	410	180	200	▶20,4	Old version.	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version.	**96/104**	93683/93685			
		F	**K19716.0**	4	19553	410	180	200	▶20,4	New version.	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R	**K19553.0**	6	19553	410	180	200	▶20,4	Old version.	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version.	**96/104**	93683/93685			
		R	**K19716.0**	4	19553	410	180	200	▶20,4	New version.	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
E 6.21 ES 6.18 ES 6.18 Dropframe ES 6.18 (EURO1) ES 6.21 (EURO2)	1991→09/93 09/93→	F	**K19553.0**	6	19553	410	180	200	▶20,4	Old version.	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version.	**96/104**	93683/93685			
		F	**K19716.0**	4	19553	410	180	200	▶20,4	New version.	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R	**K19553.0**	6	19553	410	180	200	▶20,4	Old version.	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version.	**96/104**	93683/93685			
		R	**K19716.0**	4	19553	410	180	200	▶20,4	New version.	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
E 8.26, E 8.27 E 10.25, E 10.27, E 10.32 E 12.32 ST, E 12.37 ST E 12.40 ST, E 14.32 ST E 14.36 ST, E 14.41 ST E 14.46 ST	1991→09/93	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
E 10.25R, E 10.29R	1986→1990	R	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			

Series E: 4x2 Drawbars & Tractors

All	1986→1990		**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			

Series E: 4x2 Rigids & Tippers

ES 6.19	1989→09/93	F	**K19090.0**	8	19090	410	176	175	▶18,3	7" brake	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	8" brake	**96/104**	93683/93685			
		R	**K19090.0**	8	19090	410	176	175	▶18,3	7" brake	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	8" brake	**96/104**	93683/93685			

Series E: 6x2 Rigids & Tippers

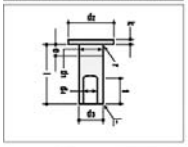
All	1986→1990		**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			

Series E: 6x2 Tractors

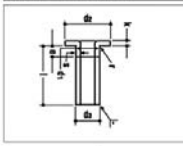
E 10.32 TT (Twinsteer) E 12.32 TT (Twinsteer)	1991→09/93	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
E 12.37 TT (Twinsteer) E 12.40 TT (Twinsteer)		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
E 14.32 TT (Twinsteer) E 14.36 TT (Twinsteer)		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

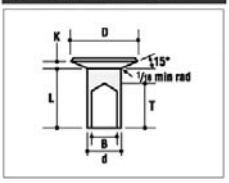
Type B – Semi-Tubular Rivet

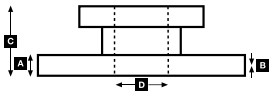


Type C – Tubular Rivet

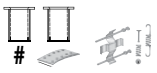


Type A – Semi Tubular Rivets









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Series E: 6x4 Rigids

E 8.26 Drawbar E 8.27 E 10.25 E 10.27 ES 8.21 ES 8.27	1991→09/93	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Series E: 6x4 Rigids & Tippers

ES 8.24 (EURO1) ES 8.27 (EURO1)	09/93→	F	**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4	19553	410	180	200	▶20,4	New version. 5/96→	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R	**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4	19553	410	180	200	▶20,4	New version. 5/96→	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			

Series E: 6x4 Tractors

E 10.32 DT E 14.41 DT E 14.46 DT	1991→09/93	F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Series E: 8x4 Rigids

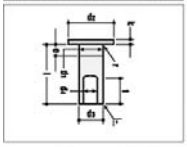
E 8.27 E 10.25 E 10.27 E 10.32 E 12.30 E 12.32	1991→09/93	F2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Series EC, EC11:

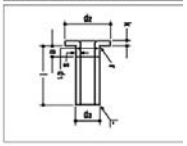
EC 6.21 4x2 Rigids ES 6.18 4x2 Rigids EC 11.305 EC 11.340 EC 11.380	09/93→ 1995→ 09/95→	F	**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4	19553	410	180	200	▶20,4	New version. 5/96→	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R	**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4	19553	410	180	200	▶20,4	New version. 5/96→	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

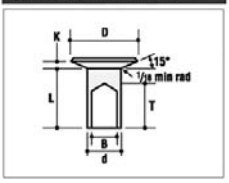
Type B – Semi-Tubular Rivet

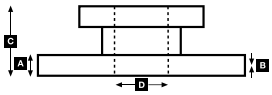


Type C – Tubular Rivet



Type A – Semi Tubular Rivets








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Series EC: 4x2 Tractors & Drawbars:

EC 10.30, EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52	09/93→	F	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
EC 6.18, EC 6.21 EC 8.24, EC 8.27	1995→ 09/93→	F	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			
		R	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			

Series EC: 6x2 Twinsteer Tractors:

EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52	05/93→	F	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			
		R	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			

Series EC: 6x2/6x4 Tractors:

EC 10.32, EC 10.35 EC 12.33, EC 12.37, EC 12.40 EC 14.34, EC 14.38, EC 14.41 EC 14.50, EC 14.52	05/93→	F	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			
		R	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			

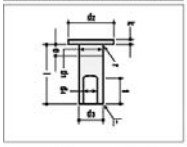
Series EC: 6x4 Rigids & Drawbars:

EC 10.30, EC 10.32, EC 10.35 EC 8.24, EC 8.27 ES 8.24, ES 8.27	09/93→ 1995→	F	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			
		R	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			

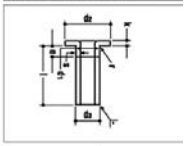
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

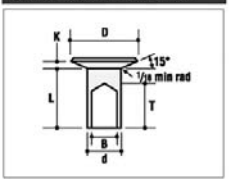
Type B – Semi-Tubular Rivet

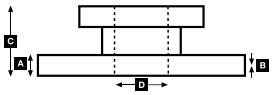


Type C – Tubular Rivet

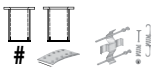


Type A – Semi Tubular Rivets









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Series EC: 8x4 Rigids:

EC 10.30, EC 10.32, EC 10.35 EC 12.33 EC 8.27	09/93→ 1995→	F	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		F	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			
		R	**K19553.0**	6 2	19553 19554	410 410	180 180	200 200	▶20,4 ▶20,4	Old version. →4/96	**96**	93058 93058			
			K19071.0	8	19071	410	176	200	▶18,3	Opt Old version. →4/96	**96/104**	93683/93685			
		R	**K19716.0**	4 2 2	19553 19717 19716	410 410 410	180 196 196	200 200 200	▶20,4 ▶21,9 ▶22,2	New version. 5/96→	**96**	93058 93058 93058			

FODEN

All

Haulmaster, Fleetmaster	1979→1983	F	**K19365.0**	4 4	19366 19365	419 419	189 192	203 203	▶19,3 ▶18,7	Opt.	**96**	93685 93685			
		R	**K19365.0**	4 4	19366 19365	419 419	189 192	203 203	▶19,3 ▶18,7	Opt.	**96**	93685 93685			
S104, 106, 108	1983→1987	F	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683			
		R	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683			

Alpha

KNR SB7000 Tractor Units 4x2, 6x2, KNR SB7000 Tippers & Rigids	05/01→	F	**FCV4296PTS**	4	29253		248	108	30						
		R	**FCV4296PTS**	4	29253		248	108	30						

FORD

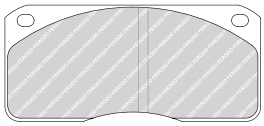
Cargo:

1713, 1714, 1717, 1720, 1724, 1728 0 608, 0 609, 0 611, 0 708, 0 709, 0 711, 0 712, 0 713, 0 813 (4 wheel Rigids), 0 813 (for Brake pads), 0 815 0 808, 0 809, 0 811, 0 812	01/81→	F	**FCV523**	4	29302	322	176	80	22						**FCR112A**
		R	**FCV523**	4	29302	322	176	80	22						**FCR112A**

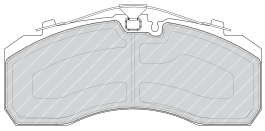
Cargo:

1011, 1013	1987→	F	**K17217.0**	4	17217	330	295	125	11,7	Opt.	**48**	93684			
			K17134.0	4	17134	387	360	108	9,5	20" wheels	**48**				
0 911, 0 913, 0 915	1987→	R	**K17932.0**	2 2	17933 17932	330 330	295 340	127 127	▶8,5 ▶10	Opt.	**52**				
1111, 1113, 1115	1987→	F	**K17546.0**	4	17546	394	361	127	12,7		**48**				
		R	**K17557.0**	4	17557	387	321	107	9,5		**56**				
1117 C (V8)	1987→	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
1117 P (V8) 1211, 1213, 1215, 1218 1311, 1312, 1314, 1317 C, 1311, 1312, 1314, 1317, 1311, 1313, 1315, 1317 C 1315 1317 C, 1317 P 1317 P 1317 P (4 Wheel Tippers) 1318 R	1987→1989 1988→ 1987→ 1981→1986 1987→1988 1981→1986 1987→	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			
1411, 1413, 1415, 1417 C 1417 P 1418 C, 1513, 1515, 1512, 1514, 1517 C, 1517 P 1517 C, 1517 P	1987→ 1987→1988 1981→1986 1987→	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			

FCV523
3422 MER 2x68



FCV4296PTS
4550 KNR SB/SN7



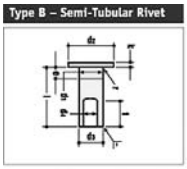


FCR112A

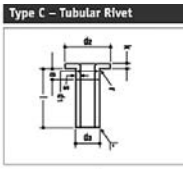
∅	A	B	C	D		Kg	ABS
322	30.0	27.8	126	148	6x21 3xM8	14.6	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

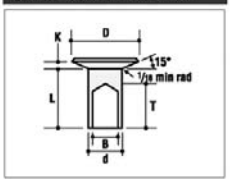
Type B – Semi-Tubular Rivet

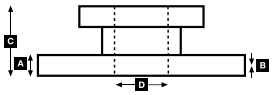


Type C – Tubular Rivet



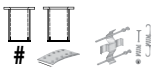
Type A – Semi Tubular Rivets













...FORD

...Cargo:

2118 C	1989→	F	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
2517 C	1987→	R	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
2517 P, 2817 P	1987→1989														
2521 C, 2817 C	1987→														
2820 D, P															
2824	1987→1989														
2921 C	1989→														
3224	1984→														
3224 C	1987→														
3424	1984→														
4x2 Rigid 15,000 kgs GVW	1982→														
4x2 Rigid 17,500 kgs GVW															
4x2 Tipper 15,000 & 16,250 kgs GVW															
4x2 Tractor 15,000 & 17,500 kgs GVW															
1620, 1624	1987→	F	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
1713, 1715	1988→														
1718, 1721															
1724 C, 1728 C															
2417	1987→														
2424															
1720, 1724, 1728	1987→	R	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
1824, 1924	1984→1986	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
3220	1987→1988	R1	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
3824 C, 3828 C	1987→	R2	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
2424 C	1987→	F	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
		R1	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
		R2	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
2428 C	1989→	F	**K19921.0**	8	19921	394	191	200	▶19,3		**128**	93683			
		R1	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
		R2	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
0 813 (4 wheel Rigids)	1981→1986	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
		R	**K17932.0**	2	17933	330	295	127	▶8,5	Opt.	**52**				
				2	17932	330	340	127	▶10						
0 911, 0 913, 0 915	1987→	F	**K17217.0**	4	17217	330	295	125	11,7	Opt.	**48**				
			K17134.0	4	17134	387	360	108	9,5	20" wheels	**48**				
		R	**K17557.0**	4	17557	387	321	107	9,5	Opt.	**56**				
			K17932.0	2	17933	330	295	127	▶8,5	Opt.	**52**				
				2	17932	330	340	127	▶10						

Cargo: 4 Wheel Rigids:

1117 C, 1117 P (V 8)	1981→1986	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
2014, 2114															
2014, 2114 (Tractive Units)															
2015, 2115	1987→														
2517 C, 2517 P	1981→1986														
2517 C, 2517 P Tractive Units															
2817 C, 2817 P															
2817 C, 2817 P Tractive Units															

Cargo: 4 Wheel Tractors:

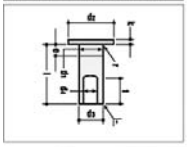
1713, 1913	1987→	F	**K17134.0**	4	17134	387	360	108	9,5		**48**				
		R	**K17557.0**	4	17557	387	321	107	9,5		**56**				

Cargo: with Meritor-Stopmaster-Brake:

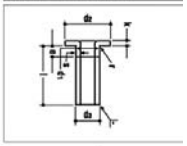
1624	1984→	F	**K19887.0***	8	19887	394	178	178	▶19,3	*use 19 887 19,30 60 8	**128**	93683			
4x2 Rigid 13, 300 kgs GVW	1982→														
4x2 Rigid 16, 250 kgs GVW															
4x2 Tipper 13, 300 kgs GVW															
4x2 Tipper 16, 250 kgs GVW															
6x2 Rigid 24, 500 kgs GVW															
6x2 Tipper 24, 500 kgs GVW															
6x4 Rigid 24, 500 kgs GVW															
6x4 Tipper 24, 500 kgs GVW															

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

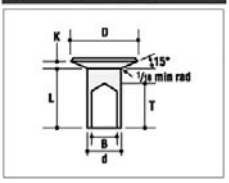
Type B – Semi-Tubular Rivet

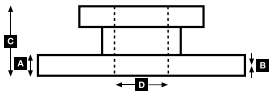


Type C – Tubular Rivet



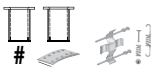
Type A – Semi Tubular Rivets













...FORD

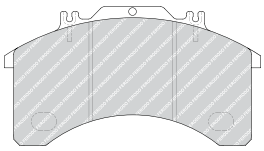
Ford D Series

D200	1970→1972	F	**K15789.0**	4	15789	300	300	76	9		48				
D300	1970→1971	F	**K17555.0**	4	17555	330	299	101	9,5	Opt.	48				
D400	1965→1971														
			K15789.0	4	15789	300	300	76	9		48				
D500, D550	1965→1971	F	**K17555.0**	4	17555	330	299	101	9,5		48				
D600	1965→1971	F	**K17555.0**	4	17555	330	299	101	9,5		48				
D1010	1972→1978	R	**K17316.0**	4	17316	394	321	127	12,7	Opt.	48	93683			
DA1610	1972→1981														
D750, 800/Turbo	1965→1971	F	**K17546.0**	4	17546	394	361	127	12,7	Heavy Duty	48				
			K17134.0	4	17134	387	360	108	9,5		48				
		R	**K19351.0**	4	19351	394	321	152	12,7	Heavy Duty	48				
			K17316.0	4	17316	394	321	127	12,7		48				
D700	1965→1971	F	**K17134.0**	4	17134	387	360	108	9,5		48				
D750, 800/Turbo		R	**K17316.0**	4	17316	394	321	127	12,7		48	93683			
D1110, 1111, 1114	1972→1980														
D1210	1972→1981														
DA1007															
DA1710, 1911															
DA2011, 2114															
D900	1970→1971	F	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
D1000 15ton GVW	1967→1971	R	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
D1000 tractor 28 ton GVW															
DA2817, 2818	1972→1981														
D0607, 0610	1972→1981	F	**K15789.0**	4	15789	300	300	76	9		48				
	1978→1981		**K17555.0**	4	17555	330	299	101	9,5	Opt heavy duty	48				
		R	**K15837.0**	2	15838	308	278	76	6/5		52				
				2	15837	308	318	76	9,9/8,5						
			K17556.0	2	17558	308	280	101	7,9		48				
				2	17556	308	321	101	7,9						
D0610, 0707, 0710	1972→1978	F	**K15789.0**	4	15789	300	300	76	9		48				
			K17555.0	4	17555	330	299	101	9,5	Opt heavy duty	48				
		R	**K17556.0**	2	17558	308	280	101	7,9		48				
				2	17556	308	321	101	7,9						
D0707, 0710	1978→1981	F	**K15789.0**	4	15789	300	300	76	9		48				
			K17555.0	4	17555	330	299	101	9,5	Opt heavy duty	48				
D0807, 0810	1978→1980	F	**K17555.0**	4	17555	330	299	101	9,5		48				
D0907, 0910		R	**K17932.0**	2	17933	330	295	127	▶8,5		52				
			K17932.0	2	17932	330	340	127	▶10						
D1010, 1011															
D0807, 0810, 0907, 0910	1972→1978	F	**K17555.0**	4	17555	330	299	101	9,5		48				
		R	**K17662.0**	2	17662	330	300	127	9,5		52	93684			
				2	17663	330	343	127	9,5			93684			
D1000 16ton GVW	1967→1971	F	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
D1614, 1617, 1618	1972→1981														
D1616	1972→1973														
D1000 24ton GVW	1967→1971	R	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
D1010	1978→1981	F	**K17555.0**	4	17555	330	299	101	9,5	20" wheels	48				
		R	**K17557.0**	4	17557	387	321	107	9,5	Opt.	56				
DA2417, 2418	1972→1981	F	**K19072.0**	4	19072	394	360	152	12,7	Opt.	48	93684			
		R	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
DT800	1965→1969	R1	**K17316.0**	4	17316	394	321	127	12,7		48	93683			
DT1400	1969→1971	R2	**K17316.0**	4	17316	394	321	127	12,7		48	93683			
DT1711, 2014	1972→1981														
DT1500, 1700	1969→1971	R1	**K19072.0**	4	19072	394	360	152	12,7		48	93684			
DT2414, 2417, 2418	1972→1981	R2	**K19072.0**	4	19072	394	360	152	12,7		48	93684			

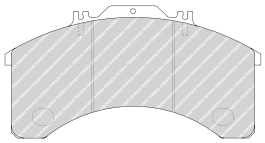
Supercargo

Wheel = 19,5" Air Brake 110E - 140E Models. 150E, 210E to 280E & 320E Models. Knorr ADB37…	01/91→12/98	F	**FCV770**	4	29032	370	206	107	25						**FCR110A**
Wheel = 22,5" Air Brake 170E to 190E & 320E to 390E. Knorr ADB430…	10/96→06/98	F	**FCV773**	4	29011	370	241	125	25						**FCR111A**

FCV770
3475 KNR ADB 3700



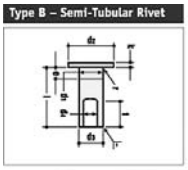
FCV773
3475 KNR ADB 4300



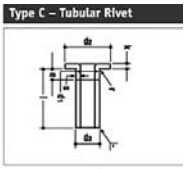
	∅	A	B	C	D		Kg		ABS
FCR110A	370	45.0	41.0	150	215	8x20 2xM10	31.0	8 M20x 1.5 59mm L	
FCR111A	370	45.0	41.0	181.5	215	8x22.15 2xM10	32.0	8 M22x 1.5 59mm L	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

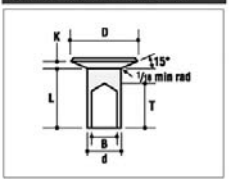
Type B – Semi-Tubular Rivet

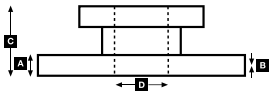


Type C – Tubular Rivet

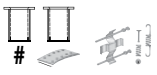


Type A – Semi Tubular Rivets









...FORD

Supercargo

Wheel = 19,5" Air Brake 150E, 210E to 280E & 320E Models.	1991→1998	R	**K19385.0**	6 2	19384 19385	381 381	188 188	178 178	▶18,15 ▶18,15		**96**	93684 93684			

GUY

Big

J4, J4T,J4T 24-28 ton GTW, J6, J6T.	1964→1979	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
J8	1964→1970	F1	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
J8	1971→1978	F1	**K19072.0**	4	19072	394	360	152	12,7	Opt.	**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7	Opt.	**48**	93684			

HINO

All

		F	**K17338.0**	4 4	17341 17338	406 406	196 196	127 127	15,5 15,5		**80**				

ISUZU

Trucks

Chassis NQR70P, NQR75		F	**FCV1853**	4	29258	310	206	80	20						

IVECO

Cargo Plus

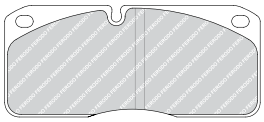
7,5t, 18t	02/02→	F	**FCV733** **FCV1126**	4 4	29067 29122		176 175	79 86	22 22						
		R	**FCV733** **FCV1126**	4 4	29067 29122		176 175	79 86	22 22						

EuroCargo

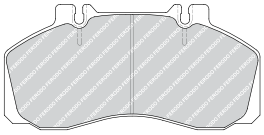
60E10, 60E12, 60E14, 65E10, 75E12, 75E14, 75E15 75-110kW	01/91→12/96	F	**FCV879**	4	29065	304 304	175	86	22	 Opt 65mm studs				FAI106/FAI113	**FCR105A** **FCR233A**
		R	**FCV879**	4	29065	304 304	175	86	22	 Opt 75mm studs				FAI106/FAI113	**FCR105A** **FCR157A**
65E12, 65E14 75-110kW	01/91→	F	**FCV879**	4	29065	304 304	175	86	22	 Opt 65mm studs				FAI106/FAI113	**FCR105A** **FCR233A**
	 01/06→ 01/91→	R	**FCV879**	4	29065	304 304 304	175	86	22	 ABS Opt 75mm studs				FAI106/FAI113	**FCR105A** **FCR322A** **FCR157A**
75E12, 75E14, 75E15 85-105kW	01/97→	F	**FCV1126**	4	29122	304 304	175	86	22	 Opt 65mm studs				FAI106/FAI113 FAI119/FAI176	**FCR105A** **FCR233A**
	 01/06→ 01/97→	R	**FCV1126**	4	29122	304 304 304	175	86	22	 ABS/w.i.option from 1997 onwards Opt 75mm studs				FAI106/FAI113 FAI119/FAI176 FAI106/FAI113	**FCR105A** **FCR322A** **FCR157A**
75E14, 75E16, 75E18,80E18	08→	F	**FCV4254**	4	29256	330	175.4	95	27				FAC164	FAI177	**FCR338A**
		R	**FCV4254**	4	29256	330	175.4	95	27				FAC164	FAI177	**FCR342A**
80E15, 80E18, 80E21, 100E15, 100E18,100E21, 180E21 T 105-152kW	01/91→	F	**FCV733**	4	29067	322 322	176	79	22	 Opt					**FCR106A** **FCR232A**
		R	**FCV733**	4	29067	322 322	176	79	22	 Opt				FAI106/FAI113	**FCR106A** **FCR231A**
95E15 W, 95E21 W 105-152kW	11/93→	F	**FCV879**	4	29065	304 304	175	86	22	→1996 →1996, Opt				FAI106/FAI113	**FCR105A** **FCR233A**
		F	**FCV733**	4	29067	322 322	176	79	22	1997→ Opt				FAI119/FAI176	**FCR106A** **FCR232A**
		R	**FCV879**	4	29065	322 304	175	86	22	→1996 1997→				FAI106/FAI113 FAI119/FAI176	**FCR106A** **FCR105A**
		R	**FCV733**	4	29067	304 322	176	79	22	1997→, Opt Opt				FAI119/FAI176	**FCR157A** **FCR231A**

FERODO

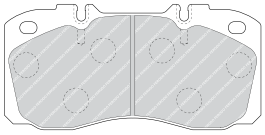
FCV733
3475 MER 2x68



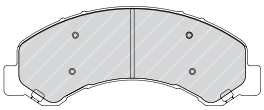
FCV879
3475 MER 2x60



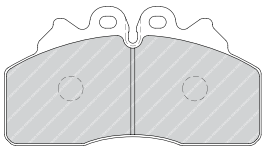
FCV1126
3475 BRE 2 x 68



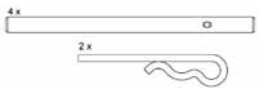
FCV1853
FM2045EE AKE



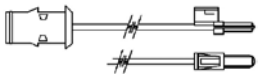
FCV4254
3422 BRE 2X68



FAC164 ↔
2



FAI106 ↔ 495mm
2



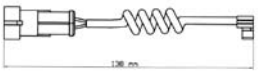
FAI113 ↔ 495mm
2



FAI119 ↔ 475mm
2



FAI176 ↔ 150mm
2



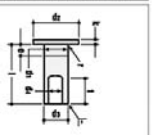
FAI177 ↔ 220mm
2



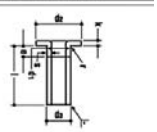
		∅	A	B	C	D		Kg		ABS
FCR105A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9		
FCR106A		322	30.0	27.8	134	215	8x20.15 2xM10	18.0		
FCR157A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x75mm	
FCR231A		322	30.0	27.0	134	215	8x20.15 2xm10	20.1	86mm	
FCR232A		322	30.0	27.0	134	215	8x20.15 2xm10	17.6	79mm	
FCR233A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x65mm	
FCR322A		304	30.0	27.8	128.5	165	6	14.1		
FCR338A		330	32.0	29.0	129.5	185	6	17.9		
FCR342A		330	32.0	29.0	129.5	185	6	19.1		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

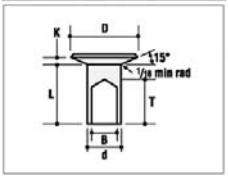
Type B – Semi-Tubular Rivet

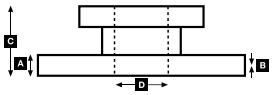


Type C – Tubular Rivet



Type A – Semi Tubular Rivets










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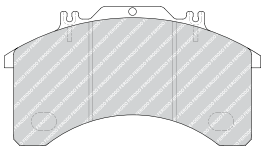
110-120EL-17, 5" Wheel Wabco Pan17	1999→	F	**FCV1354**	4	29088	330	176	83	26	FAC173(SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI126	**FCR237A**
		R	**FCV1354**	4	29088	330	176	83	26	FAC173(SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI126	**FCR237A**
110E15, 110E18, 110E23, 120E15, 120E18, 120E23, 130E15, 130E18, 130E23, 140E15, 140E18, 140E23, 140E27	01/91→	F	**FCV770**	4	29032	370	206	107	25	→03/02				FAI105/FAI110	**FCR110A**
						370				Opt					**FCR111A**
		F	**FCV1275BFE**	4	29197	377	211	93	30	04/02→				FAI160+FAI173	**FCR238A**
						377				ABS					**FCR240A**
		R	**FCV1275BFE**	4	29197	377	211	93	30	06/03→				FAI160+FAI173	**FCR307A**
135E18 W, 135E18 WR, 135E23 W, 135E23 WR	01/93→	F	**FCV770**	4	29032	370	206	107	25	→03/02				FAI105/FAI110	**FCR110A**
						370				Opt					**FCR111A**
		F	**FCV1275BFE**	4	29197	377	211	93	30	04/02→				FAI160+FAI173	**FCR238A**
						377				ABS					**FCR240A**
		R	**FCV1275BFE**	4	29197	377	211	93	30	06/03→				FAI160+FAI173	**FCR307A**
150E15, 150E18, 150E23, 150E27 R 105-196kW	01/92→	F	**FCV770**	4	29032	370	206	107	25	→06/98				FAI105/FAI110	**FCR110A**
						370				Opt					**FCR111A**
		F	**FCV1914FE**	4	29196	436	248	108	30	07/98→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
170E18, 170E23, 170E27, 175E24, 175E27	01/94→	F	**FCV770**	4	29032	370	206	107	25	→06/98				FAI105/FAI110	**FCR110A**
			FCV773	4	29011	430	241	125	25	→06/98, Opt				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	07/98→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
176E30, 176E34, 179E24, 179E27, 179E30, 325E27, 390E30	1991→	F	**FCV773**	4	29011	430	241	125	25	→06/98				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	07/98→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
180E27, 390E34	1991→	F	**FCV773**	4	29011	430	241	125	25					FAI105/FAI110	**FCR132A**
						430				Opt studs					**FCR251A**
210E23, 250E23, 280E23 T 105-167kW	09/91→	F	**FCV770**	4	29032	370	206	107	25	→03/02				FAI105/FAI110	**FCR110A**
			FCV1275BFE	4	29197	377	211	93	30	04/02→				FAI160+FAI173	**FCR239A**
						377				ABS					**FCR241A**
260E23	09/91→	F	**FCV770**	4	29032	370	206	107	25					FAI105/FAI110	**FCR110A**
320E23, 320E27	07/98→	F	**FCV1914FE**	4	29196	436	248	108	30	→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**

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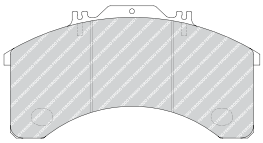
110E15 E18, E23 120E15, E18, E23 130E15, E18, E23 135E18 130kW /177PS 135E23 167kW /227PS 140E15, E18, E23, E27 210E23 250E23 260E23 167kW /227PS 280E23 167kW /227PS	01/91→05/03 01/93→ 01/91→05/03 01/91→03/02 09/91→03/02 09/91→ 09/91→03/02	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058		FAI209	
150E15, E18, E23, E27	01/92→	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058		FAI209	
			K19385.0	6	19384	381	188	178	▶18,15	Opt.	**96**	93684		FAI211	
				2	19385	381	188	178	▶18,15			93684			
170E18, E23, E27 175E24, E27	01/94→	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058		FAI209	
176E30, E34 179E24, E27, E30 325E27 196kW/266PS 390E30 221kW/300PS	1991→06/98 1991→	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684		FAI211	
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684		FAI211	
				2	19385	381	188	178	▶18,15			93684			
210E23 250E23 280E23	04/02→05/03	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058		FAI209	
320E23, E27 196kW /267PS	07/98→03/02	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058		FAI209	
			K19385.0	6	19384	381	188	178	▶18,15	Opt.	**96**	93684		FAI211	
				2	19385	381	188	178	▶18,15			93684			

FERODO

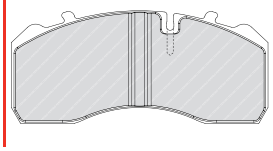
FCV770
3475 KNR ADB 3700



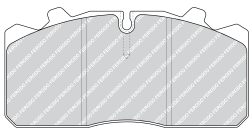
FCV773
3475 KNR ADB 4300



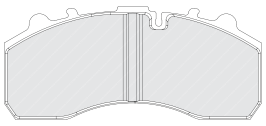
FCV1275BFE
4550 KNR SB/SN6...



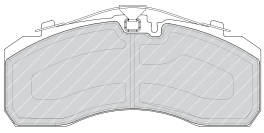
FCV1354
4523 WAB PAN 17



FCV1914FE
4550 KNR SB7600



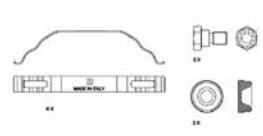
FCV4296PTS
4550 KNR SB/SN7



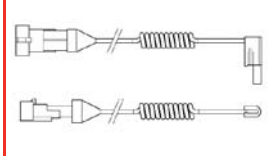
FAC169 ↔
2



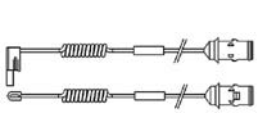
FAC173 ↔
2



FAI105 ↔ 250mm
2



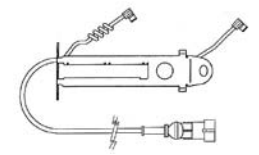
FAI110 ↔ 400mm
2



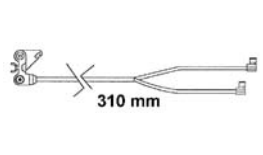
FAI125 ↔ 285mm
2



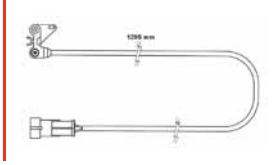
FAI126 ↔ 365mm
2



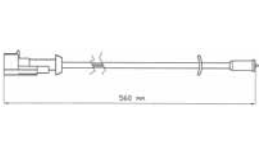
FAI160 ↔ 310mm
2



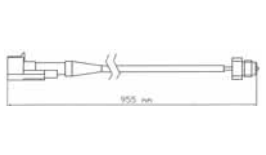
FAI173 ↔ 1285mm
2



FAI209 ↔ 560mm
2



FAI211 ↔ 955mm
2

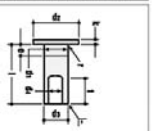


		∅	A	B	C	D		Kg		ABS
FCR110A		370	45.0	41.0	150	215	8x20 2xM10	31.0	8 M20x 1.5 59mm L	
FCR111A		370	45.0	41.0	181.5	215	8x22.15 2xM10	32.0	8 M22x 1.5 59mm L	
FCR132A		430	50.0	46.0	102	170	12xM16	35.0		
FCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
FCR237A		330	34.0	28.0	141	215	8x20 2xM10	23.2		✓
FCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	8xM20x 1.5 85mm	
FCR239A		377	45.0	37.0	151	215	8xM22 2xM10	32.6	8xM22x 1.5 87mm	

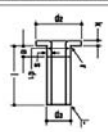
		∅	A	B	C	D		Kg		ABS
FCR240A		377	45.0	37.0	151	225	8xM20 2xM10	31.0	M20x 1.5 85mm	✓
FCR241A		377	45.0	37.0	151	225	8xM22 2xM10	31.0	M22x 1.5 87mm	✓
FCR251A		430	50.0	46.0	102	170	12	34.6	M16	
FCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
FCR307A		377	45.0	37.0	151	225	8xM20 2xM10	33.6	72mm	✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

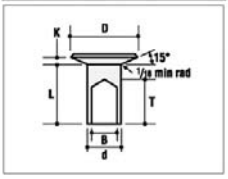
Type B – Semi-Tubular Rivet

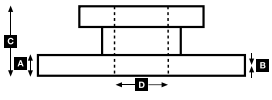


Type C – Tubular Rivet

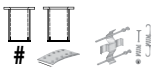


Type A – Semi Tubular Rivets











...IVECO

EuroCargo Tector

65, 75, 80, 90 Series	09/00→	F	**FCV1126**	4	29122	304	175	86	22					FAI106/FAI113	**FCR105A**
						304				Opt 65mm studs/Opt wear indicators				FAI119/FAI176	**FCR233A**
		R	**FCV1126**	4	29122	304	175	86	22					FAI106/FAI113	**FCR105A**
	01/06→					304				ABS					**FCR322A**
						304				Opt 75mm studs/Opt wear indicators				FAI119/FAI176	**FCR157A**
100 Series	09/00→	F	**FCV733**	4	29067	322	176	79	22					FAI106/FAI113	**FCR232A**
		R	**FCV733**	4	29067	322	176	79	22					FAI106/FAI113	**FCR231A**
	01/06→					322				ABS					**FCR341A**
120 Series	09/00→	F	**FCV1354**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI126	**FCR237A**
		R	**FCV1354**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI126	**FCR237A**
130, 150 Series	09/00→	F	**FCV1275BFE**	4	29197	377	211	93	30					FAI160+FAI173	**FCR238A**
						377				ABS					**FCR240A**
	07/05→					377									**FCR319A**
		R	**FCV1275BFE**	4	29197	377	211	93	30					FAI160+FAI173	**FCR307A**
320 Series	09/00→	F	**FCV1275BFE**	4	29197	377	211	93	30					FAI160+FAI173	**FCR239A**
						377				ABS					**FCR241A**
		R	**FCV1275BFE**	4	29197	377	211	93	30					FAI160+FAI173	**FCR308A**
180, 260 Series	09/00→	F	**FCV4296PTS**	4	29253	432	248	108	30					FAI160+FAI173	**FCR254A**
		R	**FCV4296PTS**	4	29253	432	248	108	30					FAI160+FAI173	**FCR254A**

EuroCargo Tector

130, 150 Series		R	**K19503.0**	4	19503	360	316	170	16,0	Opt.	**72**	93058		FAI209	

EuroStar

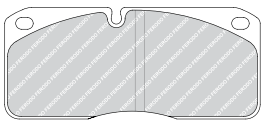
All Models fitted with Bendix 4300 brake	01/93→	F	**FCV773**	4	29011	430	241	125	25	→Ch.043134				FAI105/FAI110	**FCR132A**
		R	**FCV773**	4	29011	430	241	125	25	→Ch.043134				FAI105/FAI110	**FCR132A**
	01/93→					430				Opt studs					**FCR251A**
All Models fitted with Knorr SB76 Brake	→03/02	F	**FCV1914FE**	4	29196	436	248	108	30	Ch.043135→				FAI125+FAI173	**FCR173A**
		R	**FCV1914FE**	4	29196	436	248	108	30	Ch.043135→				FAI125+FAI173	**FCR173A**
All Models fitted with Knorr SB/SN7 Brake	04/02→	F	**FCV4296PTS**	4	29253	432	248	108	30					FAI160+FAI173	**FCR254A**
		R	**FCV4296PTS**	4	29253	432	248	108	30					FAI160+FAI173	**FCR254A**

EuroStar

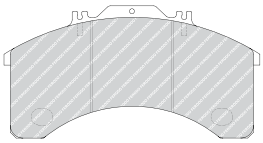
Meritor brake with 5° pressure plate (old version)	→04/96	R	**K19553.0**	6	19553	410	180	200	▶20,4		**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
		R2	**K19555.0**	6	19556	410	180	180	▶20,4		**96**	93058			
				2	19555	410	180	180	▶20,4			93058			
Meritor brake with 15° pressure plate (new version)	05/96→08/98	R	**K19716.0**	4	19553	410	180	200	▶20,4		**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R2	**K19714.0**	4	19556	410	180	180	▶20,4		**96**	93058			
				2	19715	410	196	180	▶21,9			93058			
				2	19714	410	196	180	▶22,2			93058			
Perrot brake with 60mm pitch	09/98→04/99	R1	**K19263.0**	2	19343	410	201	200	▶19,8	Ch.053915 - Ch.063808	**112**	93060		FAI208	
				6	19263	410	201	200	▶19,8			93060			
		R2	**K19262.0**	6	19262	410	201	180	▶19,8	Ch.053915 - Ch.063808	**112**	93060		FAI208	
				2	19342	410	201	180	▶19,8			93060			
Perrot brake with 65mm pitch	05/99→	R1	**K19091.0**	6	19098	410	204	202	▶21,5	Ch.063809→	**96**	93060			
				2	19091	410	204	202	▶21,5			93060			
		R2	**K19099.0**	6	19100	410	204	180	▶21,5	Ch.063809→	**96**	93060			
				2	19099	410	204	180	▶21,5			93060			

FERODO

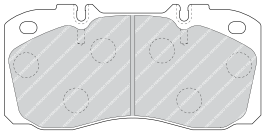
FCV733
3475 MER 2x68



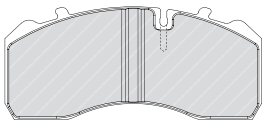
FCV773
3475 KNR ADB 4300



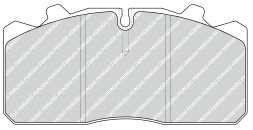
FCV1126
3475 BRE 2 x 68



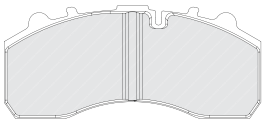
FCV1275BFE
4550 KNR SB/SN6...



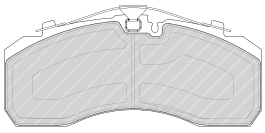
FCV1354
4523 WAB PAN 17



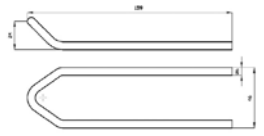
FCV1914FE
4550 KNR SB7600



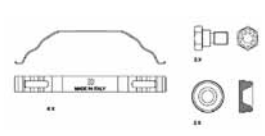
FCV4296PTS
4550 KNR SB/SN7



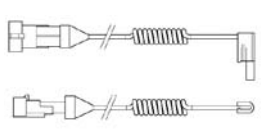
FAC169 ↔
2



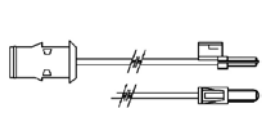
FAC173 ↔
2



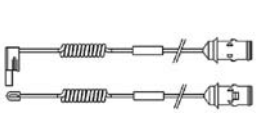
FAI105 ↔ 250mm
2



FAI106 ↔ 495mm
2



FAI110 ↔ 400mm
2



FAI113 ↔ 495mm
2



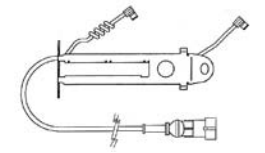
FAI119 ↔ 475mm
2



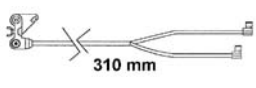
FAI125 ↔ 285mm
2



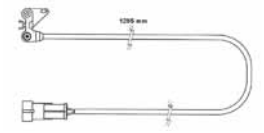
FAI126 ↔ 365mm
2



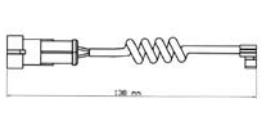
FAI160 ↔ 310mm
2



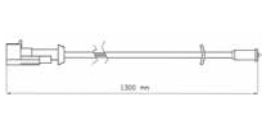
FAI173 ↔ 1285mm
2



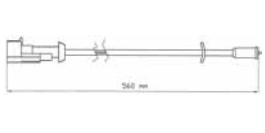
FAI176 ↔ 150mm
2



FAI208 ↔ 1300mm
2



FAI209 ↔ 560mm
2

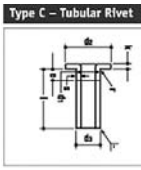


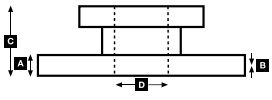
		∅	A	B	C	D		Kg		ABS
FCR105A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9		
FCR132A		430	50.0	46.0	102	170	12xM16	35.0		
FCR157A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x75mm	
FCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
FCR231A		322	30.0	27.0	134	215	8x20.15 2xm10	20.1	86mm	
FCR232A		322	30.0	27.0	134	215	8x20.15 2xm10	17.6	79mm	
FCR233A		304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x65mm	
FCR237A		330	34.0	28.0	141	215	8x20 2xM10	23.2		✓
FCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	8xM20x 1.5 85mm	
FCR239A		377	45.0	37.0	151	215	8xM22 2xM10	32.6	8xM22x 1.5 87mm	

		∅	A	B	C	D		Kg		ABS
FCR240A		377	45.0	37.0	151	225	8xM20 2xM10	31.0	M20x 1.5 85mm	✓
FCR241A		377	45.0	37.0	151	225	8xM22 2xM10	31.0	M22x 1.5 87mm	✓
FCR251A		430	50.0	46.0	102	170	12	34.6	M16	
FCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
FCR307A		377	45.0	37.0	151	225	8xM20 2xM10	33.6	72mm	✓
FCR308A		377	45.0	37.0	151	225	8xM22 2xM10	34.1	72mm	✓
FCR319A		377	45.0	37.0	107	168	14	24.9		
FCR322A		304	30.0	27.8	128.5	165	6	14.1		
FCR341A		322	30.0	27.8	134	215	8	17.9		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

Type C – Tubular Rivet





...IVECO

EuroTech

Meritor brake with 5° pressure plate (old version)	→04/96	R	**K19553.0**	6	19553	410	180	200	▶20,4		**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
		R2	**K19555.0**	6	19556	410	180	180	▶20,4		**96**	93058			
				2	19555	410	180	180	▶20,4			93058			
Meritor brake with 15° pressure plate (new version)	05/96→08/98	R	**K19716.0**	4	19553	410	180	200	▶20,4		**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
		R2	**K19714.0**	4	19556	410	180	180	▶20,4		**96**	93058			
				2	19715	410	196	180	▶21,9			93058			
				2	19714	410	196	180	▶22,2			93058			
Perrot brake with 60mm pitch	09/98→04/99	R	**K19263.0**	2	19343	410	201	200	▶19,8	Ch.4206701-Ch.4215282	**112**	93060		FAI208	
				6	19263	410	201	200	▶19,8			93060			
		R2	**K19262.0**	6	19262	410	201	180	▶19,8	Ch.4206701-Ch.4215282	**112**	93060		FAI208	
				2	19342	410	201	180	▶19,8			93060			
Perrot brake with 65mm pitch	05/99→	R	**K19091.0**	6	19098	410	204	202	▶21,5	Ch.4215283→	**96**	93060			
				2	19091	410	204	202	▶21,5			93060			
		R2	**K19099.0**	6	19100	410	204	180	▶21,5	Ch.4215283→	**96**	93060			
				2	19099	410	204	180	▶21,5			93060			

EuroTech MH

190E24, 190E27, 190E31, 190E35, 260E24 Y/P, 260E27 Y/P, 260E31 Y/P, 260E35 Y/P, 400E31 TP, 400E35 TP 180-259kW	09/98→	F	**FCV773**	4	29011	430	241	125	25	→Ch.4196434				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	Ch.4196435→				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
						430				Opt studs					**FCR251A**
		R	**FCV773**	4	29011	430	241	125	25	→Ch.4196434				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	Ch.4196435→				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
						430				Opt studs					**FCR251A**

EuroTech MP

180E34, 180E42, 190E34, 190E38,190E39 /P, 190E40 /P, 190E42, 190E43, 240E30 PS, 240E34, 240E38, 240E42, 260E38 P, 260E39 Y/P, 260E40 Y/P, 260E42, 260E43 Y/P, 400E34 T, 400E38 T, 400E38 TXP, 400E42 T, 440E38 TZ 221-316kW	01/92→	F	**FCV773**	4	29011	430	241	125	25	→Ch.4196434				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	Ch.4196435→				FAI125+FAI173	**FCR173A**
						430				Opt studs					**FCR251A**

EuroTech MT

180E24, 180E27, 180E30 R, 180E34 R, 190E24, 190E27, 190E30, 400E30 T, 400E34 T, 400E30 T, 400E34 T 176-254kW	01/92→08/98	F	**FCV773**	4	29011	430	241	125	25	→Ch.4196434				FAI105/FAI110	**FCR132A**
			FCV1914FE	4	29196	436	248	108	30	Ch.4196435→				FAI125+FAI173	**FCR173A**
						430				Opt studs					**FCR251A**

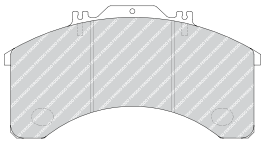
EuroTrakker

Meritor brake with 5° pressure plate (old version)	07/98→	All	**K19553.0**	6	19553	410	180	200	▶20,4	Ch.050897 →	**96**	93058			
				2	19554	410	180	200	▶20,4			93058			
Meritor brake with 15° pressure plate (new version)	07/98→	All	**K19716.0**	4	19553	410	180	200	▶20,4	Ch.050897 →	**96**	93058			
				2	19717	410	196	200	▶21,9			93058			
				2	19716	410	196	200	▶22,2			93058			
Wabco/Perrot 410x20 Brake	01/93→06/98	All	**K19263.0**	2	19343	410	201	200	▶19,8		**112**	93060			
				6	19263	410	201	200	▶19,8			93060			

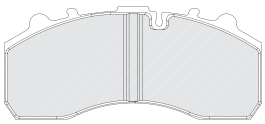
EuroTrakker/EuroTrakker Cursor

MP190, MP190E30 H, MP190E30 W, MP190E31 H Cursor, MP190E31 W Cursor, MP190E34 H, MP190E34 W, MP190E35 H Cursor, MP190E35 W Cursor, MP190E37 H, MP190E37 W, MP190E38 W, MP190E42 H, MP190E42 W, MP190E44 W Cursor, MP 221-345kW	09/99→	F	**FCV1914FE**	4	29196	436	248	108	30	→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**
		R	**FCV1914FE**	4	29196	436	248	108	30	→03/02				FAI125+FAI173	**FCR173A**
			FCV4296PTS	4	29253	432	248	108	30	04/02→				FAI160+FAI173	**FCR254A**

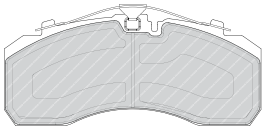
FCV773
3475 KNR ADB 4300



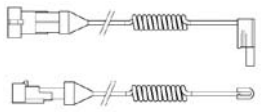
FCV1914FE
4550 KNR SB7600



FCV4296PTS
4550 KNR SB/SN7



FAI105 ↔ 250mm
2



FAI110 ↔ 400mm
2



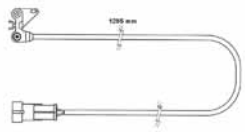
FAI125 ↔ 285mm
2



FAI160 ↔ 310mm
2



FAI173 ↔ 1285mm
2



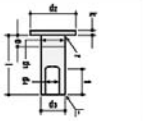
FAI208 ↔ 1300mm
2



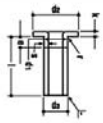
		∅	A	B	C	D		Kg		ABS
FCR132A		430	50.0	46.0	102	170	12xM16	35.0		
FCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
FCR251A		430	50.0	46.0	102	170	12	34.6	M16	
FCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

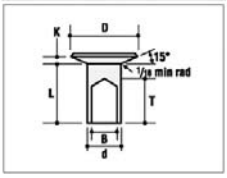
Type B – Semi-Tubular Rivet

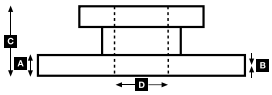


Type C – Tubular Rivet

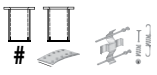


Type A – Semi Tubular Rivets









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EuroTrakker/EuroTrakker Cursor

MP 190 E 30 H; MP 190 E 30 W; MP 190 E 34 H;	06/03→	F	**K19109.9**	4	19109	410	195.5	180	21,7		**96**	93058		FAI207	
MP 190 E 34 W; MP 190 E 37 H; MP 190 E 37 W;				4	19110	410	195.5	180	21,7			93058			
MP 190 E 42 H; MP 190 E 42 W; MP 260 E 30 H;			**K19116.9**	4	19116	410	195.5	200	21,7		**96**	93058		FAI207	
MP 260 E 34 H; MP 260 E 34 W; MP 260 E 37 H;				4	19119	410	195.5	200	21,7			93058			
MP 260 E 37 W; MP 260 E 42 H; MP 260 E 42 W;		R	**K19109.9**	4	19109	410	195.5	180	21,7		**96**	93058		FAI207	
MP 340 E 34 H; MP 340 E 37 H; MP 340 E 42 H;				4	19110	410	195.5	180	21,7			93058			
MP 380 E 34 H; MP 380 E 37 H; MP 380 E 37 W;			**K19116.9**	4	19116	410	195.5	200	21,7		**96**	93058		FAI207	
MP 380 E 42 H; MP 380 E 42 H; MP 380 E 42 W;				4	19119	410	195.5	200	21,7			93058			
MP 400 E 34 HT; MP 400 E 37 HT; MP 400 E 37 WT;															
MP 400 E 42 HT; MP 400 E 42 WT; MP 410 E 37 H;															
MP 410 E 42 H; MP 410 E 42 W; MP 440 E 34 HT;															
MP 440 E 37 HT; MP 440 E 42 HT; MP 720 E 37 HT;															
MP 720 E 37 WT; MP 720 E 42 HT; MP 720 E 42 WT;															
MP 720 E 47 HT; MP 440 E 37 HT; MP 440 E 42 HT;															
MP 720 E 37 HT; MP 720 E 37 WT; MP 720 E 42 HT;															
MP 720 E 42 WT; MP 720 E 47 HT															

Loadstar

175.17, 24	1987→1992	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			

Maggie

300.25, 30	1987→	F1	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
300.32, 32 mixer				2	19385	381	188	178	▶18,15			93684			
300.34, 34 mixer		F2	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R1	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R2	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			

M-Series

115.14/17 Turbo	1983→12/91	F	**K19918.0**	4	19225	360	318	170	14,0		**72**	93059			
135.14/17		R	**K19918.0**	4	19225	360	318	170	14,0		**72**	93059			
145.17															
120 F 13, F 13 P	1979→1990	F	**K17885.0**	8	17885	420	211	135	12,5		**64**	93060			
120 F 14, F 14 R, F 14 T		R	**K17885.0**	8	17885	420	211	135	12,5		**64**	93060			
120 NC & 140 NC															
140 F 14, F 20, F 20 R-T															
150 F 14, 150 F 17															
150 NC 17, NC 20	1978→1990														
150 NR 20, NT 20															
168.14															
120 PC 17 (4x2, 4x4)		R	**K19622.0**	4	19622	394	354	152	12,7		**64**				
110-130 NC, NR, NT	1973→	F	**K17481.0**	4	17481	420	421	125	12,0	Eaton axle	**64**	93058			
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
130 NT/14 & NT/20	1978→	F	**K17481.0**	4	17481	420	421	125	12,0		**64**	93058			
		R	**K19072.0**	4	19072	394	360	152	12,7	Eaton axle	**48**	93684			
135.14 (4x2)	1984→	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
150.16 AN Turbo, ANW Turbo	1987→			2	19385	381	188	178	▶18,15			93684			
159.17 (4x2)	1984→1990	R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
159.2	1980→1990			2	19385	381	188	178	▶18,15			93684			
159.20 R, 159.20 T															
165.24															
175.17 (4x2)	1987→1992														
175.24 (4x2)															

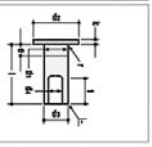
FAI207 ↔ 1310mm

2

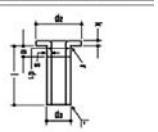


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

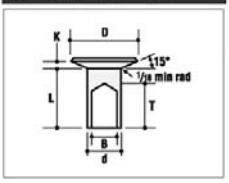
Type B – Semi-Tubular Rivet

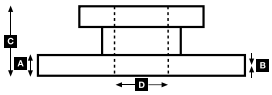


Type C – Tubular Rivet

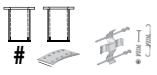


Type A – Semi Tubular Rivets









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MK-Series

80.13 80.16 90.13	01/83→12/91	F	**K17827.0***	2 2	17827 17828	325 325	251 210	120 120	12,5 12,5	* use J1227928	**60**				
		R	**K19620.0**	2 2	19621 19620	325 325	251 210	150 150	12,5 12,5		**64**				
110.13 110.16 110-130.13 130.16	01/83→12/91	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
		R	**K19622.0**	4	19622	394	354	152	12,7		**64**				

Old Models Fiat OM

160 NC - 697		F	**K17482.0**	4	17482	420	397	125	12,0		**96**	93058			
180NC		F	**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93059			
Brake 325x100 Range 60/75NC			**K17408.0**	2 2	17793 17408	325 325	296 296	100 100	8,0 8,0		**52**	93048 93048			
Range 100NC			**K15558.0**	4	15558	420	422	90	12		**64**				
Range 80 4x4			**K00676.0**	4 4	17372 17373	400 400	215 158	100 100	8,7 8,7		**64**				
Brake 325x80 Range 40/55NC			**K15732.0**	2 2	15733 15732	325 325	256 298	80 80	7,0 7,0		**56**	93048 93048			
Brake 420x125			**K17482.0**	4	17482	420	397	125	12,0		**96**	93058			
Brake 420x180			**K15494.0**	4	15494	420	397	90	12,0	Wheel set	**64**	93060			
Brake 420x90			**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93059			
Range 80/90NC		F	**K17094.0**	4	17094	400	333	100	10		**48**				
		R	**K17792.0**	2 2	17792 17794	400 400	318 368	100 100	8 8		**32**				
Range 160/180NC - 697		R	**K15494.0**	4	15494	420	397	90	12,0	Wheel set	**64**	93060			

Stralis

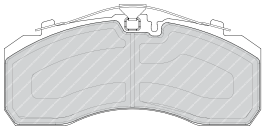
AS 260S40/PS, AS 260S43/PS,AS 260S48/PS, AS 260S54/PS, AS 440S40 T/P, AS 440S40 TX/P, AS 440S43 T/P, AS 440S43 TX/P, AS 440S48 T/P, AS 440S48 TX/P, AS 440S54 T/P 294-397kW	04/02→	F	**FCV4296PTS**	4	29253	432	248	108	30	Ch.4334465→ (2007→), W.I. not required w.i. cable extension				FAI160→06 FAI173→06	**FCR254A**
		R	**FCV4296PTS**	4	29253	432 432	248	108	30	Ch.4334465→ (2007→), W.I. not required w.i. cable extension ABS				FAI160→06 FAI173→06	**FCR254A** **FCR318A**

T / P / PA-Series

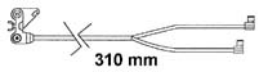
160 NC, NT	1978→1991	F	**K17482.0**	4	17482	420	397	125	12,0		**96**	93058			
170 F 26, T 26, F 35, F 35 T 170 F 30 Turbo 190 F 26, FT 26, F 35, F 35T for pneum. wheel suspension	1981→1991 →1991 1979→1991	F	**K19385.0**	6 2	19384 19385	381 381	188 188	178 178	▶18,15 ▶18,15		**96**	93684 93684			
190 F 30, F 30 T	→1991	F	**K17869.0**	8	17869	420	197	140	12,5		**64**	93060			
190 F 35, F 35 T		R	**K19694.0**	8	19694	420	197	180	12,5		**128**	93060			

FERODO

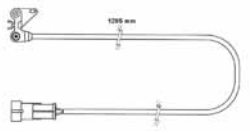
FCV4296PTS
4550 KNR SB/SN7



FAI160 ↔ 310mm
2



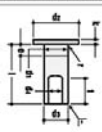
FAI173 ↔ 1285mm
2



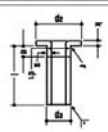
		∅	A	B	C	D		Kg		ABS
FCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		
FCR318A		432	45.0	37.0	154	210	12	38.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

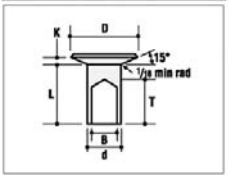
Type B – Semi-Tubular Rivet

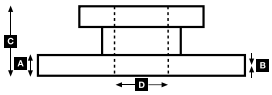


Type C – Tubular Rivet

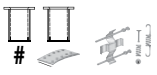


Type A – Semi Tubular Rivets









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...T / P / PA-Series

190 PAC 20 & 26	1978→1991	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
190 PAT 26	→1991			2	19385	381	188	178	▶18,15			93684			
190 PC 26 (4x2), PT 26 (4x2)		R1	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
190 PC 26 (4x4)				2	19385	381	188	178	▶18,15			93684			
190 PC 35, PT 35 (4x2)		R2	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
190.25 (4x2)	1987→1991			2	19385	381	188	178	▶18,15			93684			
190.29 Turbo (4x2)	1982→1991														
190.30 Turbo (6x2, 6x4)	1982→1992														
190.30 Turbo, T Turbo 224kW/304PS															
190.32 (4x2)	1989→1992														
190.33 T TurboStar 243kW/330PS	1984→1992														
190.36 TurboStar	1987→1992														
190.38 Turbo, T Turbo 280kW/381PS	1982→1991														
190.42 T TurboStar 309kW/420PS	1984→1992														
190.44 T, TurboStar 324kW/440PS	1986→1992														
190.48 TurboStar	1989→1992														
220 F 35 T (6x2, 6x4) 259kW/352PS	1979→1991														
220.30 Turbo (6x2, 6x4)	1982→1991														
220.32 (6x2)	1989→1992														
220.36 (6x2)	1987→1992														
220.38 P (6x2x4)	1982→1991														
220.38 T Turbo	1986→1991														
240 F 26 191kW /260PS	1978→1991														
240 F 35 259kW /352PS															
240.30/38 Turbo	→1991														
240.38 P (6x2)	1982→1992														
260 F 26 191kW /260PS	1978→1991														
260 F 35 259kW /352PS															
260 PAC 26															
260 PC 26 (6x6)	→1991														
260 PC 26, PT 26 (6x4)															
260 PC 35 (6x6)															
260 PC 35, PT 35 (6x4) 259kW/352PS	1979→1991														
260.25 AN (6x4)	→1991														
260.48	1987→1992														
330 F 26	→1991														
330 F 35 P, PT (6x4) 259kW/352PS	1979→1991														
330 PC 26, 35 (6x4)	→1991														
330 PT 35 (6x4), PC 35 (6x6)															
300.23 (8x4)	1984→	F1	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
300.25 (8x4)	1986→			2	19385	381	188	178	▶18,15			93684			
300.30 (8x4)	1987→	F2	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
300.32 (8x4)	1989→			2	19385	381	188	178	▶18,15			93684			
300.34 (8x4)		R1	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R2	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			

Z-Series:

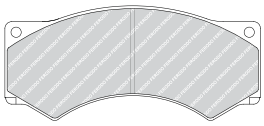
65-12, 79-10, 79-12, 79-13, 79-14 85-101kW	1987→1990	F	**FCV503**	4	29024	315	191	89	23					FAI106/FAI113	**FCR108A**
			FCV733	4	29067	322	176	79	22	Opt					**FCR107A**
79-12, 79-14 99kW	1983→1987	F	**FCV376**	4	29017	315	191	89	23						**FCR108A**
79-14 99kW	02/92→10/92		**FCV952**	4	29029	315	191	87	23						**FCR108A**
95-14, 109-14 101kW	1988→1990	F	**FCV733**	4	29067	322	176	79	22					FAI106/FAI113	**FCR107A**

Z-Series:

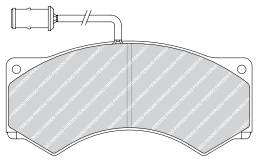
50-10	02/82→1990	F	**K17924.0**	2	17924	325	249	100	12,5		**52**	93048			
50-8				2	17925	325	288	100	12,5			93048			
50-9		R	**K17924.0**	2	17924	325	249	100	12,5		**52**	93048			
55-10				2	17925	325	288	100	12,5			93048			
55-8															
55-9															
60-10															
65-10															
70-10															
75-10															
79-10	1983→1987														

FERODO

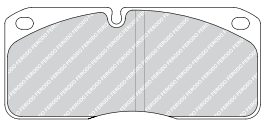
FCV376
3422 WAB 456 F-Ö



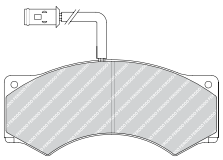
FCV503
3475 WAB 456 F-Ö



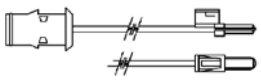
FCV733
3475 MER 2x68



FCV952
3475 WAB 456 F-Ö



FAI106
↔ 495mm
2



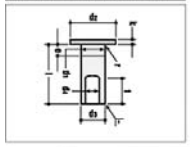
FAI113
↔ 495mm
2



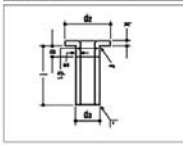
	∅	A	B	C	D		Kg		ABS
FCR107A	322	30.0	27.8	129	220	8x20.15 2xM10	19.4	8 M20x 1.25X58mm	
FCR108A	315	26.0	23.0	118.5	160	6x18.05 2xM10	13.7	6 M18x 1.5x46mm	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

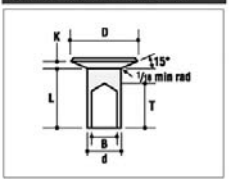
Type B – Semi-Tubular Rivet

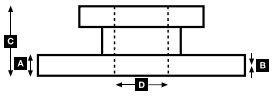


Type C – Tubular Rivet



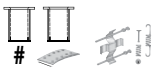
Type A – Semi Tubular Rivets













...IVECO

...Z-Series:

65-12, 79-10, 79-12, 79-13, 79-14 85-101kW	1987→1990	R	**K17635.0**	2	17635	325	249	120	12,0		52	93048			
				2	17636	325	288	120	12,0			93048			
79.13 79.14	1987→1990	R	**K17635.0**	2	17635	325	249	120	12,0		52	93048			
				2	17636	325	288	120	12,0			93048			
79.14 102kW /138PS	1983→1987	R	**K17635.0**	2	17635	325	249	120	12,0		52	93048			
				2	17636	325	288	120	12,0			93048			
100.13	1981→1990	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	64				
		R	**K19622.0**	4	19622	394	354	152	12,7		64				
109.14 102kW /138PS	1983→1988	F	**K19821.0**	2	19822	325	249	160	12,0		52	93049			
				2	19821	325	288	160	12,0			93049			
		R	**K19821.0**	2	19822	325	249	160	12,0		52	93049			
				2	19821	325	288	160	12,0			93049			

JELCZ

All

422, 423, 424, 425, 442, 622, 623	1991→	F	**19 245 15,00 60 8**	8	19245	420	186	160	15,0		64	93067			
		R	**19 245 15,00 60 8**	8	19245	420	186	160	15,0		64	93067			

LIAZ

100

100	1973→1996	F	**K17184.0**	8	17184	420	182	120	18		64				
		R	**K19361.0**	8	19361	420	182	180	18		64				

200,300

200,300		F	**K19410.0**	8	19410	420	182	150	18		64				
		R	**K19361.0**	8	19361	420	182	180	18		64				
			K19553.0	6	19553	410	180	200	20,4	Opt.	96	93058			
				2	19554	410	180	200	20,4			93058			

400

400	01/98→12/01	F	**FCV4296PTS**	4	29253	430	248	108	30						**FCR198A**

All

		F	**K19410.0**	8	19410	420	182	150	18		64				
		R	**K19361.0**	8	19361	420	182	180	18		64				
			K19553.0	6	19553	410	180	200	20,4	Opt.	96	93058			
				2	19554	410	180	200	20,4			93058			

MAN

14 to-Series:

14.192 141kW /192PS	1977→1988	F	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
14.220 162kW /220PS	02/82→1989	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
14.240 177kW /240PS	04/78→1990	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

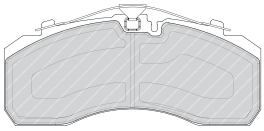
15 to-Series:

15.168 124kW /168PS	1983→1989	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
15.220 162kW /220PS	02/82→1989	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
15.240 177kW /240PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

16 to-Series:

16.240 177kW /240PS	01/82→1989	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
16.280 206kW /280PS	02/79→1989	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
16.291 214kW /291PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
16.360	08/86→1989														
16.331 244kW /331PS	05/81→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
16.332 244kW /332PS	08/86→1989	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
16.362 266kW /362PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

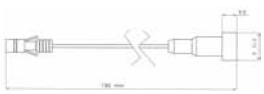
FCV4296PTS
4550 KNR SB/SN7



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2



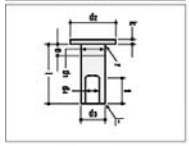


FCR198A

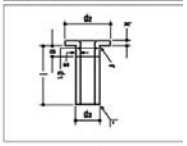
∅	A	B	C	D		Kg	ABS
430	45.0	37.0	132	203	10xM14	34.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

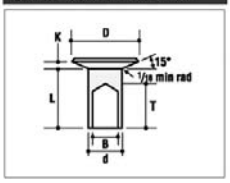
Type B – Semi-Tubular Rivet

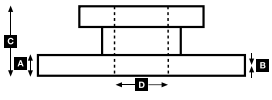


Type C – Tubular Rivet



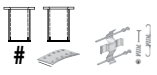
Type A – Semi Tubular Rivets












...MAN

17 to-Series:

17.136 100kW /136PS	04/84→1989	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
17.170 125kW /170PS	02/84→1989	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
17.192 141kW /192PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
17.232 161kW /230PS	08/87→1989														
17.240 177kW /240PS	08/79→1988														
17.152 112kW /152PS	08/87→1989	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
17.182 134kW /182PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
17.222 163kW /222PS															
17.220 162kW /220PS	06/81→1990	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

19 to-Series:

19.240 177kW /240PS	01/79→1990	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
19.281 207kW /281PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.291 214kW /291PS															
19.321 236kW /321PS															
19.331 244kW /331PS															
19.361 266kW /361PS															

20/22 to-Series:

20.24		F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
20.280 206kW /280PS	05/78→1990	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
22.331 244kW /331PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

24 to-Series:

24.192 141kW /192PS	02/80→1990	F1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
24.240 177kW /240PS		F2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
24.291 214kW /291PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.331 244kW /331PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
24.361 266kW /362PS															
24.220 162kW /220PS	01/80→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
24.240 177kW /240PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.291 214kW /291PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
24.331 244kW /331PS			**K19486.9**	8	19494	410	175	163	▶17,0	Trailing axle/ FAI206 Opt for	64	93059		FAI205	
24.361 266kW /361PS										19,1 version					

26 to-Series:

26.240 177kW /240PS	08/79→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
26.281 207kW /280PS		R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
26.291 214kW /290PS															
26.321 235kW /320PS															
26.331 244kW /330PS															
26.361 266kW /360PS															

30 to-Series:

30.291 214kW /291PS	02/84→1986	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
30.331 244kW /331PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

32/33 to-Series:

32.240 177kW /240PS	08/79→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
32.281 207kW /280PS		R1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.291 214kW /290PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
32.321 236kW /320PS		R2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.331 244kW /330PS			**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
32.361 266kW /360PS															
33.291 214kW /291PS	03/82→1988														
33.320 DF, DA 236kW /320PS	1977→1988														
33.331 244kW /330PS	03/82→1988														

38 to-Series:

38.320 DFAS, DFAK, DFS, DFK, DF, DA 236kW /320PS	1975→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	

FAI205 ↔ 210mm
2

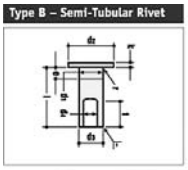


FAI206 ↔ 210mm
2

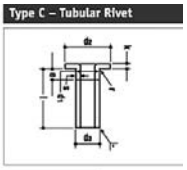


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

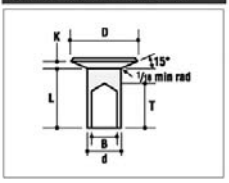
Type B – Semi-Tubular Rivet

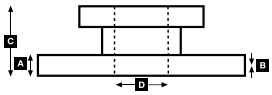


Type C – Tubular Rivet



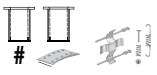
Type A – Semi Tubular Rivets













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40 to-Series:

40.365 269kW /365PS	→1987	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
40.400 294kW /400PS	1982→1988	R1	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
40.440 324kW /440PS		R2	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

41 to-Series:

41.361 266kW /361PS	03/82→1987	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	

F90-Series

19t, 24t, 25t	1990→1996	F	**FCV1578BFE**	4	29210	432	250	118	28					FAI161	**FCR161A**
			FCV1583B	4	29053		250	118	30	over size				FAI161	
26t, 27t, 33t, 48t	01/89→	F	**FCV1578BFE**	4	29210	432	250	118	28					FAI161	**FCR161A**
			FCV1583B	4	29053		250	118	30	over size				FAI161	

F90-Series (19 to):

19.242 F, FL, FLL 177kW/241PS	01/88→02/89	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
19.242 FS, FLS, FK 177kW/241PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.262 F, FL, FLL 191kW/260PS	01/88→02/90														
19.262 FS, FLS, FK 191kW/260PS															
19.272 F, FL, FLL 198kW/270PS	02/90→05/95														
19.272 FS, FLS, FK 198kW/270PS															
19.292 F, FL, FLL 213kW/290PS	07/86→02/90														
19.292 FS, FLS, FK 213kW/290PS															
19.322 F, FL, FLL 235kW/320PS	02/90→05/95														
19.322 FS, FLS, FK 235kW/320PS															
19.322 U, ULL 235kW/320PS	02/90→05/94														
19.332 F, FL, FLL 243kW/330PS	07/86→02/90														
19.332 FS, FLS, FK 243kW/330PS															
19.332 U, ULL 243kW/330PS															
19.342 F, FL, FLL 250kW/340PS	05/94→05/95														
19.342 FS, FLS, FK 250kW/340PS															
19.362 F, FK, FL, FLL 265kW/360PS	07/86→02/90														
19.362 FS, FLS, U, ULL 265kW/360PS	07/86→01/91														
19.372 F, FL, FLL, U, ULL 272kW/370PS	02/90→05/95														
19.402 F, FL, FLL 294kW/400PS	05/94→05/95														
19.402 FS, FLS, FK 294kW/400PS															
19.422 F, FL, FLL 309kW/420PS	02/90→05/95														
19.422 FS, FLS, FK, U, ULL 309kW/420PS															
19.462 F, FL, FS, FLS, FK 338kW/460PS	05/87→02/90														
19.502 FK 368kW/500PS	08/89→														
19.502 F,FL, FLL 368kW/500PS	02/90→06/96	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
19.502 FS,FLS, 368kW/500PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

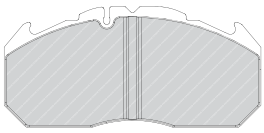
F90-Series (19 to): 4x4

19.262 FA, FAK, FAS 191kW/260PS	02/89→02/90	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
19.272 FA, FAK, FAS 198kW/269PS	02/90→05/95	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.292 FA, FAK, FAS 213kW/290PS	05/88→02/90														
19.322 FA, FAK, FAS 235kW/320PS	02/90→06/96														
19.332 FA, FAK, FAS 243kW/330PS	05/88→02/90														
19.342 FA, FAK, FAS 250kW/340PS	05/94→06/96														
19.362 FA, FAK, FAS 265kW/360PS	05/88→02/90														
19.372 FA, FAK, FAS 272kW/370PS	02/90→06/96														
19.402 FA, FAK, FAS 294kW/400PS	05/94→06/96														
19.422 FA, FAK, FAS 309kW/420PS	02/90→06/96														

F90-Series (23 to):

23.272 FNL 198kW /270PS	09/86→1994	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
23.322 FNL 235kW /320PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
23.372 FNL 272kW /370PS			**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
23.422 FNL 309kW /420PS															

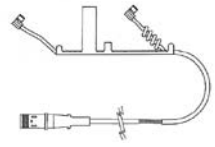
FCV1578BFE
4568 MER D3/D-ELSA 1



FCV1583B
4568 MER D3/D-ELSA 1



FAI161 ↔ 385mm
2



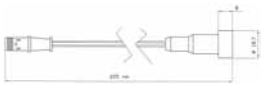
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2



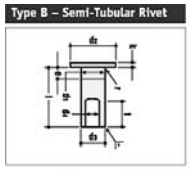


FCR161A

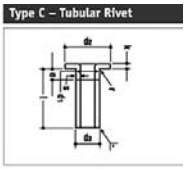
∅	A	B	C	D		Kg		ABS
432	45.0	37.0	135	208	10xM16	35.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

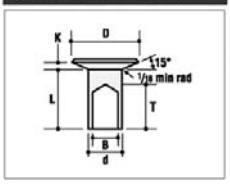
Type B – Semi-Tubular Rivet

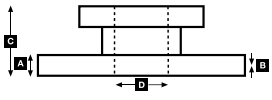


Type C – Tubular Rivet

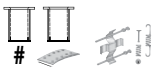


Type A – Semi Tubular Rivets








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F90-Series (24 to):

24.242 DF, DFS, DFK 177kW/241PS	01/88→07/89	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.262 DF, DFS, DFLS, DFK 190kW/260PS	01/88→02/90	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
24.272 DF, DFS, DFLS, DFK 198kW/269PS	02/90→12/90														
24.292 DF, DFS, DFLS, DFK 213kW/290PS	04/87→02/90														
24.302 DF, DFS, DFLS, DFK 220kW/299PS	05/90→04/95														
24.322 DF, DFS, DFLS, DFK 235kW/320PS	02/90→12/90														
24.332 DF, DFS, DFLS, DFK 243kW/330PS	04/87→02/90														
24.362 DF, DFS, DFLS, DFK 265kW/360PS															
24.372 DF, DFS, DFLS, DFK 272kW/370PS	02/90→04/95														
24.422 DF, DFS, DFLS, DFK 309kW/420PS	02/90→12/90														
24.462 DF, DFS, DFLS, DFK 338kW/460PS	02/89→02/90														
24.242 FNL, FNLL 177kW/241PS	01/88→02/90	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.262 FNL, FNLL 191kW/260PS	01/88→06/96	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
24.272 FNL, FNLL 198kW/269PS	02/90→05/95		**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
24.272 FNLS, FVLS 198kW/269PS															
24.292 FNL, FNLL 213kW/290PS	10/86→02/90														
24.292 FNLS, FVLS 213kW/290PS															
24.302 FNL, FNLL 220kW/299PS	05/90→10/90														
24.322 FNL, FNLL 235kW/320PS	02/90→05/95														
24.322 FNLS, FLS 235kW/320PS															
24.322 UNL, UNLL 235kW/320PS	02/90→12/90														
24.332 FNL, FNLL 243kW/330PS	10/86→02/90														
24.332 FNLS, FVLS 243kW/330PS															
24.332 UNL, UNLL 243kW/330PS															
24.342 FNL, FNLL 250kW/340PS	05/94→05/95														
24.362 FNL, FNLL 265kW/360PS	10/86→02/90														
24.362 FNLS, FVLS 265kW/360PS															
24.362 UNL, UNLL 265kW/360PS															
24.372 FNL, FNLL 272kW/370PS	02/90→05/95														
24.372 FNLS, FVLS 272kW/370PS															
24.372 FVL, FVLS 249kW/339PS	05/90→12/90														
24.372 UNL, UNLL 272kW/370PS	02/90→12/90														
24.402 FNL, FNLL 294kW/400PS	05/94→05/95														
24.422 FNL, FNLL 309kW/420PS	02/90→05/95														
24.422 UNL, UNLL 309kW/420PS	02/90→12/90														
24.462 FNL 338kW/460PS	04/89→02/90														
24.462 FVLS 338kW/460PS	05/87→07/87														
24.502 DF, DFS, DFK 368kW/500PS	02/90→12/90	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
24.502 FNL 368kW/500PS	02/90→12/90	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	

F90-Series (25 to):

25.272 DF, DFS, DFLS, DFK 198kW/270PS	09/90→12/92	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
25.302 DF, DFS, DFLS, DFK 220kW/299PS	09/90→12/91	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
25.322 DF, DFS, DFLS, DFK 235kW/320PS	09/90→12/92														
25.322 UNL, UNLL 235kW/320PS															
25.372 DF, DFS, DFLS, DFK 272kW/370PS															
25.372 UNL, UNLL 272kW/370PS															
25.422 DF, DFS, DFLS, DFK 309kW/420PS															
25.422 UNL, UNLL 309kW/420PS															
25.272 FNL, FNLL 198kW/270PS	09/90→10/93	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
25.302 FNL, FNLL 220kW/299PS	09/90→12/91	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
25.302 FNLS, FVLS 220kW/299PS			**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
25.322 FNL, FNLL 235kW/320PS	09/90→12/92														
25.322 FNLS, FVLS 235kW/320PS															
25.372 FNLS, FVLS 272kW/370PS	09/90→10/93														
25.372 FVLS, FNL, FNLL 272kW/370PS															
25.422 FNL, FNLL 309kW/420PS	09/90→12/92														
25.422 FNLS, FVLS 309kW/420PS															
25.502 FNL 368kW/500PS															
25.502 DF, DFS 368kW/500PS	09/90→12/92	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

FERODO

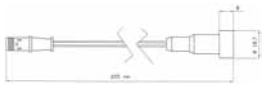
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2

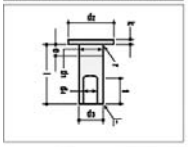


FAI206 ↔ 210mm
2

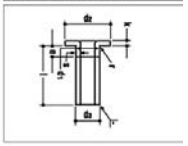


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

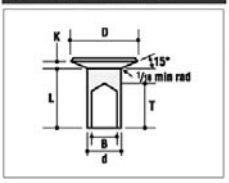
Type B – Semi-Tubular Rivet

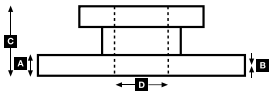


Type C – Tubular Rivet



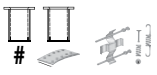
Type A – Semi Tubular Rivets













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F90-Series (26 to):

26.242 DF, DFS, DFK 177kW/241PS	01/88→07/89	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
26.242 DFAK 177kW/241PS	02/89→07/89	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.262 DF, DFS, DFK 191kW/260PS	01/88→02/90														
26.262 DFA, DFAS, DFAK 191kW/260PS	02/89→02/90														
26.272 DF, DFS, DFLS, DFK 198kW/269PS	02/90→06/96														
26.272 DFA, DFAS, DFAK 198kW/269PS	02/90→12/92														
26.292 DF, DFS, DFK 213kW/290PS	09/87→02/90														
26.292 DFA, DFAS, DFAK 213kW/290PS	05/88→02/90														
26.302 DF, DFS, DFK 220kW/299PS	05/90→12/91														
26.302 DFA, DFAS, DFAK 220kW/299PS															
26.322 DF, DFS, DFLS, DFK 235kW/320PS	02/90→06/96														
26.322 DFA, DFAS, DFAK 235kW/320PS	02/90→12/92														
26.322 UNL, 26.322 UNLL 235kW/320PS	09/90→05/94														
26.332 DF, DFS, DFK 243kW/330PS	09/87→02/90														
26.332 DFA, DFAS, DFAK 243kW/330PS	05/88→02/90														
26.342 DF, DFL, DFS, DFK, DFLK 250kW/340PS	04/94→06/96														
26.362 DFA, DFAS, DFAK	05/88→02/90														
26.362 DF, DFL, DFS, DFK	02/87→02/90														
26.372 DF, DFS, DFK 272kW/370PS	01/89→1994														
26.372 DFA, DFAK, DFAS 272kW/370PS															
26.402 DF, DFL, DFS, DFK, DFLK	05/94→06/96														
26.422 DF, DFS, DFK, DFL 390kW/420PS	01/89→1994														
26.422 DFA, DFAK, DFAS 390kW/420PS															
26.462 DF, DFS	02/89→02/90														
26.462 DFA, DFAS	08/89→02/90														
26.502 DFA, DFAS 368kW/500PS	01/89→12/92														
26.272 FNL, FNLL, FNLS, FVLS 198kW/270PS	09/90→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
26.302 FNL, FNLL, FNLS, FVLS 220kW/299PS	09/90→12/91	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.322 FNL, FNLL, FNLS, FVLS 235kW/320PS	09/90→12/95		**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for	64	93058		FAI202	
26.372 DFN, FVL, FVLS, FNL, FN	01/89→1994									19,1 version					
26.422 DFN, FVL, FVLS, FNL, FN 390kW/420PS															
26.502 DF, DFS, DFLS 368kW/500PS	01/89→06/96	F	**K19486.9**	8	19494	410	175	163	▶17,0	Opt./ FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.502 FNL, FNLL 368kW/500PS	01/89→06/96	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for	64	93058		FAI202	
										19,1 version					

F90-Series (27 to):

27.272 198kW /270PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
27.322 235kW /320PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
27.372 272kW /370PS															
27.422 309kW /420PS															
27.502 DFA, DFAS 368kW/500PS	01/89→														
27.502 DF, DFS 368kW/500PS	01/89→	F	**K19486.9**	8	19494	410	175	163	▶17,0	Opt./ FAI206 Opt for 19,1 version	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

F90-Series (30 to):

30.292 215kW /292PS	1988→1994	F1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
		F2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
		R1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
		R2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
30.332 VFNL (8x2) 244kW/332PS	1988→1994	F1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
		F2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
		R1	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
		R2	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

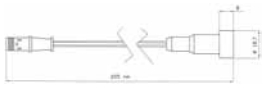
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2

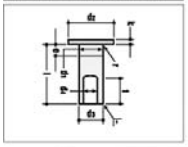


FAI206 ↔ 210mm
2

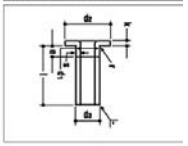


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

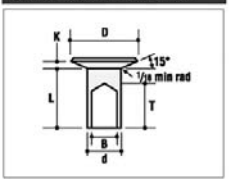
Type B – Semi-Tubular Rivet

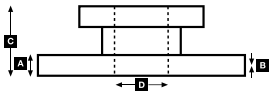


Type C – Tubular Rivet



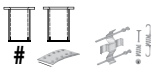
Type A – Semi Tubular Rivets













...MAN

F90-Series (32 to):

32.242 178kW/292PS	1988→1994	F1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.262 191kW/260PS	1989→1994	F2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.272 VF, VFK	01/89→1994	R1	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
32.292 VFNL (8x2) 215kW/292PS	1988→1994	R2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.302	05/90→09/91														
32.322 VF, VFK	01/89→1994														
32.332 VFNL (8x2) 244kW/332PS	1988→1994														
32.362 VFNL (8x2) 266kW/362PS															
32.372 VF, VFK	01/89→1994														
32.402	05/94→06/96														
32.422 VF, VFK	01/89→1994														
32.462	05/94→06/96														

F90-Series (33 to):

33.242 DFK 178kW /242PS	09/87→1994	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
33.262 DF, DFK, DFS 193kW/260PS	01/89→1994	R1	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
33.272 DF, DFK, DFS 198kW/270PS		R2	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
33.292 DF, DFK, DFS 215kW/290PS															
33.322 DF, DFK, DFS 235kW/320PS															
33.332 DF, DFK, DFS 244kW/330PS															
33.342 DF	05/94→06/96														
33.362 DF, DFK, DFS 266kW/360PS	01/89→1994														
33.372 DF, DFK, DFS 272kW/370PS															
33.402 DF, DFK, DFS	05/94→06/96														
33.422 DF, DFK, DFS 309kW/420PS	01/89→1994														
33.462 DF, DFS 340kW/460PS															
33.242 DFAK	01/88→08/88	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
33.262 DFA, DFAK, DFAS 193kW/260PS	01/89→1994	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
33.272 DFA, DFAK, DFAS 198kW/270PS															
33.292 DFA, DFAK, DFAS 215kW/290PS															
33.322 DFA, DFAK, DFAS 235kW/320PS															
33.332 DFA, DFAK, DFAS 244kW/330PS															
33.342 DFA	05/94→06/96														
33.362 DFA, DFAK, DFAS 266kW/360PS	01/89→1994														
33.372 DFA, DFAK, DFAS 272kW/370PS															
33.402 DFA	05/94→06/96														
33.422 DFA, DFAK, DFAS 309kW/420PS	01/89→1994														
33.462 DFA, DFAS 340kW/460PS															
33.502 DFA, DFAS 368kW/500PS	01/89→														
33.502 DF, DFS 368kW/500PS	01/89→	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for 19,1 version	64	93058		FAI202	

F90-Series (35 to):

35.262 VF 193kW /260PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
35.272 VF, VFK 198kW /270PS			**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205	
35.292 VF 215kW /290PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
35.302 VF, VFK	09/91→05/98														
35.322 VF, VFK 235kW /320PS	01/89→1994														
35.332 VF 244kW /330PS															
35.342 VF, VFK	05/94→06/96														
35.362 VF 266kW /360PS	01/89→1994														
35.372 VF, VFK 272kW /370PS															
35.402 VF, VFK	05/94→12/97														
35.422 VF, VFK 309kW /420PS	01/89→1994														
35.262 VFAK 193kW /260PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
35.272 VFAK 198kW /270PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
35.292 VFAK 215kW /290PS															
35.302 VFA, VFAK	09/91→05/98														
35.322 VFA, VFAK 235kW/320PS	01/89→1994														
35.332 VFAK 244kW /330PS															
35.362 VFAK 266kW /360PS															
35.372 VFA, VFAK 272kW/370PS															
35.422 VFA, VFAK 309kW/420PS															

FERODO

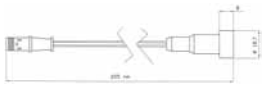
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2

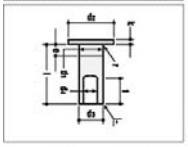


FAI206 ↔ 210mm
2

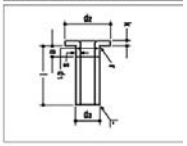


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

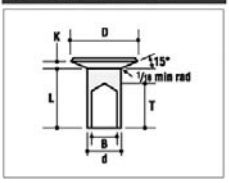
Type B – Semi-Tubular Rivet

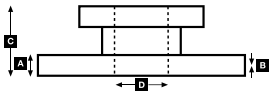


Type C – Tubular Rivet

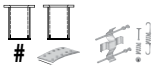


Type A – Semi Tubular Rivets









...MAN

F90-Series (40 to):

40.242 178kW /242PS	1987→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205
40.262 193kW /262PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
40.292 215kW /292PS														
40.332 244kW /332PS														
40.362 266kW /362PS														
40.372 DFS, DFK 272kW/370PS	01/89→1994													
40.402 DF	05/95→06/96													
40.422 DFS, DFK 309kW/420PS	01/89→1994													
40.462 DF	07/89→02/90													
40.372 DFAK, DFAS 272kW/370PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
40.422 DFAK, DFAS 309kW/420PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
40.462 DFAK, DFAS 340kW/460PS														
40.502 6x6 368kW /500PS	01/89→06/96	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
		R1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205
		R2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205
40.502 8x8 368kW /500PS	01/89→06/96	F1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
		F2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
		R1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205
			K19488.9	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205
		R2	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205

F90-Series (41 to):

41.262 VF, VFK 193kW /260PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
41.272 VF	02/90→12/91		**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205
41.292 VF, VFK 215kW /290PS	01/89→1994	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
41.322 VF, VFK 235kW /320PS														
41.332 VF, VFK 244kW /330PS														
41.342 VF	05/94→06/96													
41.362 VF, VFK 266kW /360PS	01/89→1994													
41.372 VF, VFK 272kW /370PS														
41.402 VF	05/94→06/96													
41.422 VF, VFK 309kW /420PS	01/89→1994													
41.262 VFAK 193kW /260PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
41.292 VFAK 215kW /290PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
41.322 VFAK 235kW /320PS														
41.332 VFAK 244kW /330PS														
41.362 VFAK 266kW /360PS														
41.372 VFAK 272kW /370PS														
41.422 VFAK 309kW /420PS														

F90-Series (48 to):

48.292 VF	07/89→02/90	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205
48.322 VF 235kW /320PS	01/89→1994	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
48.332 VF	07/89→02/90													
48.362 VF														
48.372 VF 272kW /370PS	01/89→1994													
48.422 VF 309kW /420PS														
48.462 VF	07/89→02/90													
48.292 VFA, VFAK 215kW/290PS	01/89→1994	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205
48.322 VFA, VFAK 235kW/320PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205
48.332 VFA, VFAK 244kW/330PS														
48.362 VFA, VFAK 266kW/360PS														
48.372 VFA, VFAK 272kW/370PS														
48.422 VFA, VFAK 309kW/420PS														
48.462 VFA, VFAK 340kW/460PS														
48.502 VFA, VFAK 398kW/500PS	01/89→													
48.502 VR 398kW/500PS	01/89→1997	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI206 Opt for K19487.1	64	93059		FAI205
		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205

FAI205 ↔ 210mm
2

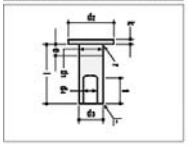


FAI206 ↔ 210mm
2

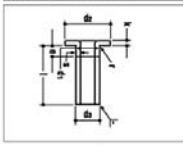


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

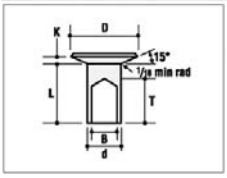
Type B – Semi-Tubular Rivet

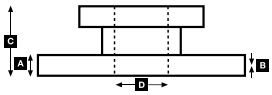


Type C – Tubular Rivet

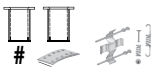


Type A – Semi Tubular Rivets









...MAN

F2000-Series

19t, 23t, 26t, 27t, 33t, 40t 170-441kW	1994→	F	**FCV1578BFE**	4	29210	432	250	118	28	→03/02				FAI161	**FCR215A**
			FCV1583B	4	29053		250	118	30	over size				FAI161	
			FCV1404BFE	4	29156	432	250	118	30	04/02→ D-Elsa2				FAI164	**FCR215A**
						432				ABS					**FCR161A**
						438				19t/23t opt disc					**FCR144A**

F2000-Series (19 to):

19.233 FCNG 170kW/231PS 19.603 FLS 441kW/600PS	09/96→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.343 FC, FLC, FL, FS, FLS 250kW/340PS 19.423 FC, FLC, FL, FS, FLS 309kW/420PS	01/94→12/95	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.273 FA, FK, FAK 198kW/269PS	01/94→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
19.293 FK, FLK, FAC, FAS, FAK 213kW/290PS	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.314 FK, FLK, FAS	06/98→														
19.323 FAC, FAS, FK, FLK, FAK 235kW/320PS	01/94→12/95														
19.343 FAC, FAS, FK, FLK, FAK 250kW/340PS	01/94→														
19.364 FK, FLK, FAS, FAC, FAK	06/98→														
19.373 FAC, FAS, FK, FLK, FAK 272kW/370PS	01/94→12/95														
19.403 FAC, FAS, FK, FLK, FAK 294kW/400PS	01/94→														
19.414 FAC, FAS, FK, FLK, FAK	06/98→														
19.423 FAC, FAS, FK, FLK, FAK 309kW/420PS	01/94→12/95														
19.463 FAC, FAS, FK, FLK, FAK 338kW/460PS	01/94→														
19.464 FAS, FK, FLK, FAK	06/98→														
19.403 FC, FLC, FL, FS, FLS 294kW/400PS	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.414 FC, FLC, FL, FS, FLS	06/98→														
19.463 FC, FLC, FL, FS, FLS 338kW/460PS	01/94→														
19.464 FC, FLC, FL, FS, FLS	06/98→														
19.364 FC, FLC, FL, FS, FLS	06/98→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

F2000-Series (23 to):

23.463 FNLLC 338kW /460PS	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	

F2000-Series (24 to):

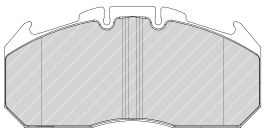
24.273 FNLLC 198kW /269PS	01/94→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.293 FNLLC 213kW /290PS	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
24.323 FNLLC 235kW /320PS	01/94→12/95														
24.343 FNLLC 250kW /340PS	01/94→														
24.423 FNLLC 309kW /420PS	01/94→12/95														
24.463 FNLLC 338kW /460PS	01/94→														
24.403 FNLLC 294kW /400PS	01/94→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.403 FNLLC 338kW /460PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

F2000-Series (26 to):

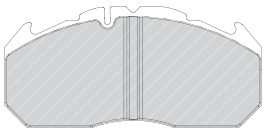
26.233 FVLCNG 170kW/231PS	09/96→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
26.373 DFC, DFLC, DFS, DFLS 272kW/370PS 26.423 DFC, DFLC, DFS, DFLS 309kW/420PS	01/94→12/95	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
26.273 DFK, DFLK 198kW/269PS	01/94→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
26.293 DFK, DFLK 213kW/290PS	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
26.323 DFK, DFLK 235kW/320PS	01/94→12/95														
26.343 DFK, DFLK 250kW/340PS	01/94→														
26.373 DFK, DFLK 272kW/370PS	01/94→12/95														
26.403 DFK, DFLK 294kW/400PS	01/94→														
26.423 DFK, DFLK 309kW/420PS	01/94→12/95														
26.463 DFK, DFLK 338kW/460PS	01/94→														
26.603 DFK, DFLK 441kW/600PS	06/96→														
26.323 FNLC. FNLLC 235kW/320PS	01/94→12/95	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.323 FNLS, FVLS 235kW/320PS			**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
26.373 FNLC, FNLLC 272kW/370PS															
26.373 FNLS, FVLS 272kW/370PS															
26.423 FNLC, FNLLC 309kW/420PS															
26.423 FNLS, FVLS 309kW/420PS															
26.463 DFC, DFLC, DFS, DFLS 338kW/460PS	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	

FERODO

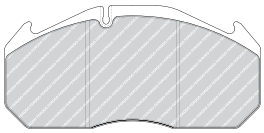
FCV1404BFE
4568 MER D-ELSA2



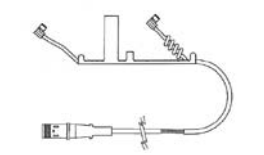
FCV1578BFE
4568 MER D3/D-ELSA 1



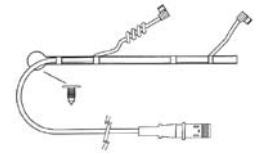
FCV1583B
4568 MER D3/D-ELSA 1



FAI161 ↔ 385mm
2



FAI164 ↔ 290mm
2



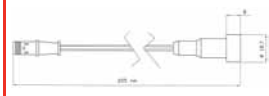
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2

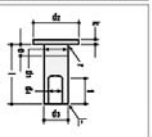




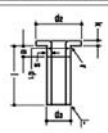
		∅	A	B	C	D		Kg		ABS
FCR144A		438	45.0	35.0	135	200	10xM16	36.0		
FCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

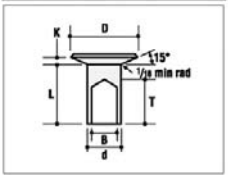
Type B – Semi-Tubular Rivet

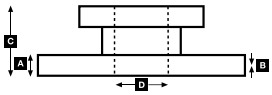


Type C – Tubular Rivet



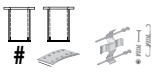
Type A – Semi Tubular Rivets













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...F2000-Series (26 to):

26.343 FNLS, FVLS 250kW/340PS	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.403 FNLC, FNLLC 294kW/400PS			**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
26.403 FNLS, FVLS 294kW/400PS															
26.463 FNLC, FNLLC 338kW/460PS															
26.463 FNLS, FVLS 338kW/460PS															
26.603 DFC, DFLC, DFS, DFLS 441kW/600PS	06/96→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	

F2000-Series (27 to):

27.273 DFAC, DFAS, DFAK 198kW/269PS	01/94→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
27.273 DFK	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
27.293 DFAC, DFAS, DFAK 213kW/290PS															
27.323 DFK, DFAC, DFAS, DFAK 235kW/320PS	01/94→12/95														
27.343 DFK, DFAC, DFAS, DFAK 250kW/340PS	01/94→														
27.373 DFK, DFAK 272kW/370PS	01/94→12/95														
27.403 DFK, DFAC, DFAS, DFAK 294kW/400PS	01/94→														
27.423 DFK, DFAC, DFAS, DFAK 309kW/420PS	01/94→12/95														
27.463 DFK, DFAC, DFAS, DFAK 338kW/460PS	01/94→														
27.373 DFC, DFS 198kW/269PS	01/94→12/95	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
27.373 DFC, DFS 235kW/320PS															
27.373 DFC, DFS 272kW/370PS															
27.423 DFC, DFS 309kW/420PS															
27.463 DFC, DFS 213kW/290PS	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
27.463 DFC, DFS 250kW/340PS															
27.463 DFC, DFS 294kW/400PS															
27.463 DFC, DFS 338kW/460PS															
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	

F2000-Series (32 to):

32.293 VFC 213kW /290PS	08/95→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.343 VFC, VFK 250kW/340PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
32.403 VFC, VFK 294kW/400PS															
32.463 VFC, VFK 338kW/460PS															

F2000-Series (33 to):

33.323 DFAC, DFAS, DFAK 235kW/320PS	01/94→12/95	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
33.343 DFAC, DFAS, DFAK 250kW/340PS	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
33.373 DFAC, DFAS, DFAK 272kW/370PS	01/94→12/95														
33.403 DFAC, DFAS, DFAK 294kW/400PS	01/94→														
33.423 DFAC, DFAS, DFAK 309kW/420PS	01/94→12/95														
33.463 DFAC, DFAS, DFAK 338kW/460PS	01/94→														
33.603 DFAC, DFAS 441kW/600PS	06/96→														
33.373 DFC, DFS, DFK 272kW/370PS	01/94→12/95	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
33.423 DFC, DFS, DFK 309kW/420PS															
33.343 DFC, DFS, DFK 250kW/340PS	01/94→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
33.403 DFC, DFS, DFK 294kW/400PS															
33.463 DFC, DFS, DFK 338kW/460PS															
33.603 DFC, DFS 441kW/600PS	06/96→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	

F2000-Series (35 to):

35.343 VFC, VFK 250kW/340PS	08/95→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
35.403 VFC, VFK 294kW/400PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
35.463 VFC, VFK 338kW/460PS															

F2000-Series (40 to):

40.403 DFAK, DFAS, DFK 294kW/400PS	1994→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
40.463 DFAK, DFAS, DFK 338kW/460PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
40.403 DFS 294kW/400PS	1994→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
40.403 DFS 338kW/460PS															

F2000-Series (41 to):

41.343 VFC, VFK 250kW/340PS	08/95→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
41.403 VFC, VFK 294kW/400PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
41.463 VFC, VFK 338kW/460PS															

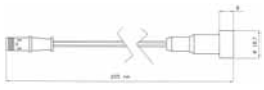
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2

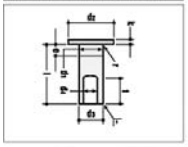


FAI206 ↔ 210mm
2

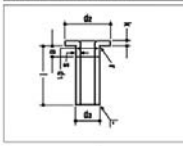


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

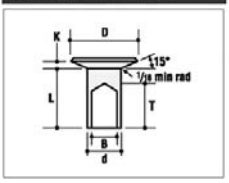
Type B – Semi-Tubular Rivet

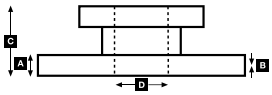


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...MAN

F2000-Series (48 to):

48.343 VF, VFA 250kW/340PS	1994→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
48.403 VF, VFA 294kW/400PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
48.463 VF, VFA 338kW/460PS															

G-Series (MAN/VW):

6.90 F, FK 66kW /90PS	1978→1988	F	**K15879.0**	8	15879	325	140	97	▶16,5	87-88 Lucas	48	93058			
			K17988.0	8	17988	325	140	150	▶16,2	87-88 ROR Trailer Axle Lucas	64	93058			
			K15817.0	2	15817	325	301	97	12,1	Perrot	44	93060			
				2	15823	325	251	97	12,1			93060			
		F	**K17900.0**	2	17900	325	301	147	12,1	ROR Trailer Axle Perrot	44	93057			
				2	17901	325	251	147	12,1			93057			
		R	**K15879.0**	8	15879	325	140	97	▶16,5	87-88 Lucas	48	93058			
			K17988.0	8	17988	325	140	150	▶16,2	87-88 ROR Trailer Axle Lucas	64	93058			
			K15817.0	2	15817	325	301	97	12,1	Perrot	44	93060			
				2	15823	325	251	97	12,1			93060			
		R	**K17900.0**	2	17900	325	301	147	12,1	ROR Trailer Axle Perrot	44	93057			
				2	17901	325	251	147	12,1			93057			
6.100 74kW /100PS	1987→1993	F	**K15879.0**	8	15879	325	140	97	▶16,5	→8,5 to Lucas	48	93058			
8.100 74kW /100PS			**K17988.0**	8	17988	325	140	150	▶16,2	8,5→ to Lucas	64	93058			
8.150 110kW /150PS			**K15817.0**	2	15817	325	301	97	12,1	→8,5 to Perrot	44	93060			
9.150 110kW /150PS				2	15823	325	251	97	12,1			93060			
10.150 110kW /150PS		F	**K17900.0**	2	17900	325	301	147	12,1	8,5→ to Perrot	44	93057			
				2	17901	325	251	147	12,1			93057			
		R	**K15879.0**	8	15879	325	140	97	▶16,5	→8,5 to Lucas	48	93058			
			K17988.0	8	17988	325	140	150	▶16,2	8,5→ to Lucas	64	93058			
			K15817.0	2	15817	325	301	97	12,1	→8,5 to Perrot	44	93060			
				2	15823	325	251	97	12,1			93060			
		R	**K17900.0**	2	17900	325	301	147	12,1	8,5→ to Perrot	44	93057			
				2	17901	325	251	147	12,1			93057			
8.90 66kW /90PS	1978→1988	F	**K17988.0**	8	17988	325	140	150	▶16,2	87-88 Lucas	64	93058			
8.136 100kW /136PS			**K17900.0**	2	17900	325	301	147	12,1	Perrot	44	93057			
8.170 125kW /170PS	05/82→1988			2	17901	325	251	147	12,1			93057			
9.136 100kW /136PS	08/78→1988	R	**K17988.0**	8	17988	325	140	150	▶16,2	87-88 Lucas	64	93058			
9.170 125kW /170PS	05/82→1988														
10.136 100kW /136PS	02/86→1988														
8.136 FAE for Wedge brake 100kW/136PS	12/83→08/88	F	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			
9.136 FAE for Wedge brake 100kW/136PS		R	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			

M90-Series (12 to):

12.152	12/88→05/94	F	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			
12.192 140kW /190PS	07/90→06/96		**K19708.0**	6	19708	360	174	183	▶16,25	1995→ Opt	72	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	24	93058			
12.222 162kW /220PS	05/94→06/96	R	**K19177.0**	8	19177	360	173	160	▶16,0		96	93058			
12.232 169kW /230PS	08/88→06/96		**K19708.0**	6	19708	360	174	183	▶16,25	1995→ Opt	96	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	24	93058			
12.262 191kW /260PS	08/95→06/96														
12.272 198kW /269PS	09/91→06/96														

M90-Series (14 to):

14.152	12/88→06/96	F	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			
14.162 118kW /160PS	08/95→06/96		**K19708.0**	6	19708	360	174	183	▶16,25	1995→ Opt	96	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	24	93058			
14.192	08/88→06/96	R	**K19177.0**	8	19177	360	173	160	▶16,0		96	93058			
14.222 162kW /220PS	05/94→06/96		**K19708.0**	6	19708	360	174	183	▶16,25	1995→ Opt	96	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	24	93058			
14.232 198kW /270PS	08/88→06/96														
14.262 191kW /260PS	08/95→06/96														
14.272 198kW /269PS	09/91→06/96														

FAI205 ↔ 210mm
2

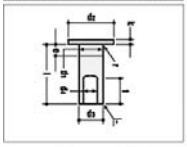


FAI206 ↔ 210mm
2

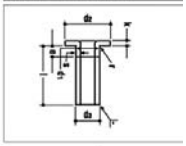


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

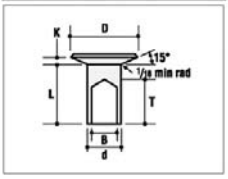
Type B – Semi-Tubular Rivet

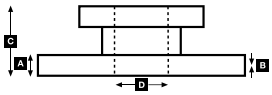


Type C – Tubular Rivet



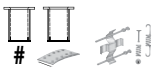
Type A – Semi Tubular Rivets













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M90-Series (17 to):

17.192	08/88→06/96	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
17.222 162kW /220PS	05/94→06/96	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
17.232	08/88→06/96														
17.272 198kW /269PS	09/91→05/95														
17.322	1990→06/96														
17.332															
17.373															
17.422															
17.502															

M90-Series (18 to):

18.192 140kW /190PS	09/90→06/96	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
18.222 162kW /220PS	05/94→06/96	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
18.232 169kW /230PS	09/90→06/96														
18.262 191kW /260PS	08/95→06/96														
18.272 198kW /269PS	09/91→06/96														

M90-Series (24 to):

24.192 140kW /190PS	07/89→06/96	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
24.222 162kW /220PS	05/94→06/96	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.232	07/89→06/96		**17 238 17,00 00**	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for	64	93058		FAI202	
24.272 198kW /269PS	09/91→06/96									19,1 version					

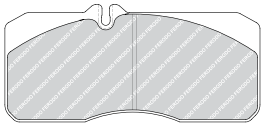
L2000 Series:

6.103, 6.153, 8.103, 8.113, 8.150,8.153, 8.163,	09/93→	F	**FCV987**	4	29055	324	176	83	22						**FCR143A**
8.220, 8.223, 8.224, 9.153, 9.163, 9.223, 9.224,	01/97→		**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI150	**FCR146A**
10.150, 10.153, 10.163, 10.220, 10.224 114kW						330				ABS					**FCR148A**
		R	**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI150	**FCR146A**
						330				ABS					**FCR148A**
8.103 LC/LLC, 8.153 LLS, 8.223 LC/LLC/LLS,	10/93→06/96	F	**FCV987**	4	29055	324	176	83	22						**FCR143A**
9.153 LC/LLC/LLS, 9.223 LC/LLC/LLS, 10.150 FOC,															
10.153 LC/LLC/LLS, 10.223 LAEC/LC/LLC/LLS															
81-162kW															

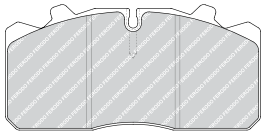
L2000 Series:

8.150 FOC, FOCL	02/95→	R	**K15879.0**	8	15879	325	140	97	▶16,5		48	93058			
8.153 LC, LLC 114kW/155PS	10/93→07/97		**K17988.0**	8	17988	325	140	150	▶16,2	Opt.	64	93058			
8.163 LLS	05/94→														
8.220 FOC, FOCL 162kW/220PS	04/95→														
8.224 LC, LLC, LLS 162kW/220PS	05/94→														
9.163 LC 104kW /141PS	08/95→03/97														
9.163 LC, LLC, LLS	05/94→														
9.224 LC, LLC, LLS 162kW/220PS															
10.163 LC, LLC, LLS															
10.220 FOC, FOCL 162kW/220PS	02/95→														
10.224 LC, LLC, LLS 162kW/220PS	05/94→														
6.103 FK 75kW /102PS	09/93→	F	**K17988.0**	8	17988	325	140	150	▶16,2		64	93058			
8.113 LK 81kW /110PS	08/95→	R	**K17988.0**	8	17988	325	140	150	▶16,2		64	93058			
8.163 LAEC	01/95→														
8.163 LK	05/94→														
8.224 LAEC 162kW /220PS	01/95→														
8.224 LAEK 162kW /220PS															
8.224 LK 162kW /220PS	05/94→														
9.163 LK															
9.224 LK 162kW /220PS															
10.163 LAEC															
10.163 LAEK	01/95→														
10.163 LK	05/94→														
10.224 LAEC 162kW /220PS	01/95→														
10.224 LAEK 162kW /220PS															
10.224 LK 162kW /220PS	05/94→														
6.153 F, FL 114kW/155PS	09/93→	R	**K15879.0**	8	15879	325	140	97	▶16,5		48	93058			
			K17988.0	8	17988	325	140	150	▶16,2	Opt.	64	93058			

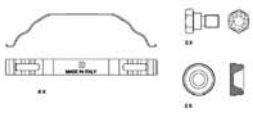
FCV987
4551 WAB 1000 V-G



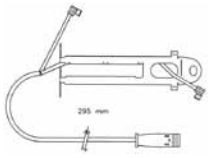
FCV4283
4568 WAB PAN17



FAC169 ↔


FAC173 ↔


FAI150 ↔ 295mm
2



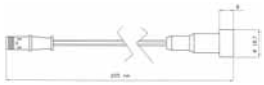
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



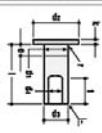
FAI206 ↔ 210mm
2



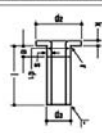
	∅	A	B	C	D		Kg		ABS
FCR143A	324	30.0	24.0	102	135	10xM14	13.5		
FCR146A	330	34.0	30.0	104	135	10xM14	16.4		
FCR148A	330	34.0	31.0	124	157	12xM12	17.1		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

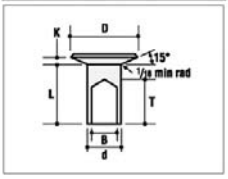
Type B – Semi-Tubular Rivet

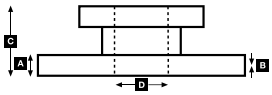


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





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...L2000 Series:

8.153 LLS 114kW /155PS	10/93→06/96	R	**K15879.0**	8	15879	325	140	97	▶16,5		**48**	93058			
8.223 LC, LLC, LLS			**K17988.0**	8	17988	325	140	150	▶16,2	Opt.	**64**	93058			
9.153 LC, LLC 114kW /155PS															
9.153 LLS 114kW /155PS	10/93→12/95														
9.223 LC, LLC, LLS 162kW/220PS	10/93→06/96														
10.150 FOC	02/95→01/96														
10.153 LC, LLC, LLS 114kW/155PS	10/93→06/96														
10.223 LAEC 162kW /220PS	01/95→06/96														
10.223 LC, LLC	10/93→06/96														
10.223 LLS															
8.103 LK 75kW /102PS	10/93→06/96	F	**K17988.0**	8	17988	325	140	150	▶16,2		**64**	93058			
8.153 LAEC 114kW /155PS	01/95→06/96	R	**K17988.0**	8	17988	325	140	150	▶16,2		**64**	93058			
8.153 LAEK 114kW /155PS	01/95→09/96														
8.223 LAEC 162kW /220PS	01/95→06/96														
8.223 LK	10/93→06/96														
9.153 LK 114kW /155PS															
9.223 LK 162kW /220PS															
10.153 LAEK 114kW /155PS															
10.153 LK 114kW /155PS															
10.223 LK															

L2000-Series (LE Evolution)

LE110C 8.113, LE140C 8.145, 9.145,0.145,	09/00→	F	**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS / FAC169(FORKS)			FAC173/FAC169	FAI150	**FCR146A**
LE160C 8.163, 9.163, 10.163, LE180C 8.180,						330				ABS					**FCR148A**
8.185, 9.185, 10.180 10.185, 12.180, 12.185,		R	**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS)/ FAC169 (FORKS)			FAC173/FAC169	FAI150	**FCR146A**
LE220C 8.225, 0.220, 10.225, 12.220, 12.225						330				ABS					**FCR148A**
114kW															

M2000-L Series

12.163 LC, 12.224 LC 114-162kW	08/95→	F	**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI150	**FCR146A**
14.163 LC/LLC, 14.224 LC/LLC/LL,		R	**FCV4283**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169	FAI150	**FCR146A**
4.264 LC/LLC/LL, 14.284 LC/LLC/LL 114-206kW															
15.163 LC/LLC, 15.224 LC/LLC/LL,		F	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR147A**
15.264 LC/LLC/LL, 15.284 LC/LLC/LL,			**FCV1578BFE**	4	29210	432	250	118	28					FAI161	**FCR215A**
18.224 LC/LLC/LL, 18.264 LC/LLC/LL,			**FCV1583B**	4	29053		250	118	30	over size				FAI161	
18.284 LC/LLC/LL 114-206kW			**FCV1404BFE**	4	29156	432	250	118	30	04/02→ D-Elsa2				FAI164	**FCR215A**
						432				ABS					**FCR161A**

M2000-M Series

14.224/14.264/14.284 - MC/MLC/ML/MLS 162kW	08/95→	F	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR147A**
18.224 MC/MLC/ML/MLS,18.264 MC/MLC/ML/MLS,			**FCV1578BFE**	4	29210	432	250	118	28					FAI161	**FCR215A**
18.284 MC/MLC/MLS, 25.224 MNLC/MNLLC,			**FCV1583B**	4	29053		250	118	30	over size				FAI161	
25.264 MNLC/MNLL 162-206kW			**FCV1404BFE**	4	29156	432	250	118	30	04/02→ D-Elsa2				FAI164	**FCR215A**
						432				ABS					**FCR161A**

M2000-Series (ME Evolution)

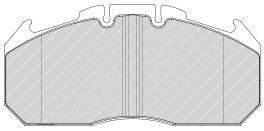
ME220B 14.225, 15.225 114-206kW	09/00→	F	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR147A**
ME250B 14.255, 15.255, 18.255, ME280B 14.285,			**FCV1578BFE**	4	29210	432	250	118	28	→03/02				FAI161	**FCR215A**
15.285, 18.285, 18.286 114-206kW			**FCV1583B**	4	29053		250	118	30	over size				FAI161	
			FCV1404BFE	4	29156	432	250	118	30	04/02→ D-Elsa2				FAI164	**FCR215A**
						432				ABS					**FCR161A**

M2000-Series:

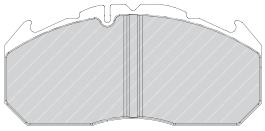
14.163 LK 114kW/155PS	08/95→	F	**K17017.0**	8	17017	360	173	143	▶16,0		**64**	93058			
14.224 LK, LAK, MK, MAK, LAC 162kW/220PS		R	**K19177.0**	8	19177	360	173	160	▶16,0		**96**	93058			
14.264 LAC, LK, LAK 191kW/260PS															
14.284 MAK,MA-KO,MA-LF,L-KO	06/98→														
14.284 LAC, LK, LAK, LR-LF															
14.224 LC, LLC, LL 162kW/220PS	08/95→	R	**K19177.0**	8	19177	360	173	160	▶16,0		**96**	93058			
14.264 LC, LLC, LL 191kW/260PS			**K19708.0**	6	19708	360	174	183	▶16,25	Opt.	**96**	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	**24**	93058			
14.264 MC, MLC, ML 191kW/260PS	08/95→														
14.264 MLS 191kW /260PS															
14.284 LC, LLC, LL	10/98→														
14.284 MC, MLC, ML	06/98→														
14.284 MLS															

MAN

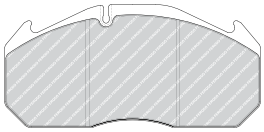
FCV1404BFE
4568 MER D-ELSA2



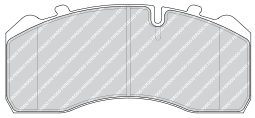
FCV1578BFE
4568 MER D3/D-ELSA 1



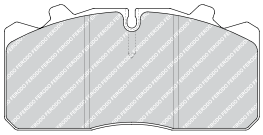
FCV1583B
4568 MER D3/D-ELSA 1



FCV1792BFE
4568 KNR SB/SN6…



FCV4283
4568 WAB PAN17



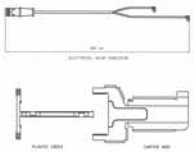
FAC169 ↔
2



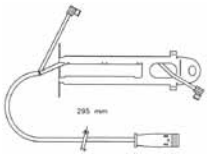
FAC173 ↔
2



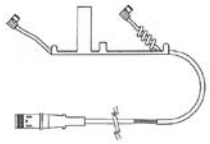
FAI132 ↔ 400mm
2



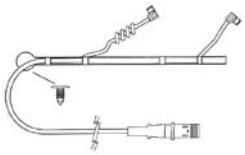
FAI150 ↔ 295mm
2



FAI161 ↔ 385mm
2



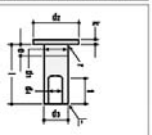
FAI164 ↔ 290mm
2



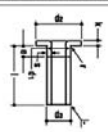
		∅	A	B	C	D		Kg		ABS
FCR146A		330	34.0	30.0	104	135	10xM14	16.4		
FCR147A		377	45.0	38.0	128	162	10xM14	23.0		
FCR148A		330	34.0	31.0	124	157	12xM12	17.1		✓
FCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

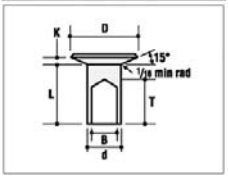
Type B – Semi-Tubular Rivet

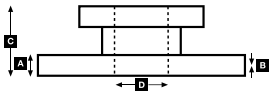


Type C – Tubular Rivet



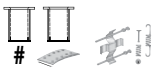
Type A – Semi Tubular Rivets













...MAN

...M2000-Series:

15.284 LC, LLC, LL	06/98→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
18.224 LC, LLC, LL 162kW/220PS	08/95→		**K19488.9**	8	19496	410	177	223	▶17,0	Opt./ FAI206 Opt for K19488.1	64	93059		FAI205	
18.224 MC, MLC, ML, MLS 162kW/220PS															
18.264 LC, LLC, LL 191kW/260PS															
18.264 MC, MLC, ML, MLS 191kW/260PS															
18.284 LC, LLC, LL	06/98→														
18.284 MC, MLC, MLS															
25.224 MNLC, MNLLC 191kW/260PS	08/95→														
25.264 MNLC, MNLL 162kW/220PS															
15.163 LK 114kW/155PS	08/95→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
15.224 LK 162kW/220PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
15.264 LK 191kW/260PS															
15.284 LK	06/98→														
18.224 LK, LLK, LAC, LAK 162kW/220PS	08/95→														
18.224 MK, MLK, MAC, MAK 162kW/220PS															
18.264 LK, LLK, LAK 191kW/260PS															
18.264 MK, MLK, MAC, MAK 191kW/260PS															
18.284 LK, LLK, LAC, LAK	06/98→														
18.284 MK, MLK, MAC, MAK															

TG-A Series:

(18t) 18.310→18.530,(24t) 24.360→24.530,	04/00→	F	**FCV1578BFE**	4	29210	432	250	118	28	→03/01				FAI162	**FCR215A**
(26t) 26.310→26.530, (32t) 32.310→32.480,			**FCV1404BFE**	4	29156	432	250	118	30	04/01→				FAI164	**FCR215A**
(33t) 33.360, 33.410→33.530,			**FCV4296PTS**	4	29253	432	248	108	30	07/03→					**FCR214A**
(41t) 41.360, 41.530, 41.660 206-485kW		R	**FCV1578BFE**	4	29210	432	250	118	28	→03/01, No ABS				FAI162	**FCR215A**
						432				ABS					**FCR161A**
			FCV1404BFE	4	29156	432	250	118	30	04/01→, No ABS				FAI164	**FCR215A**
						432				ABS					**FCR161A**
			FCV4296PTS	4	29253	432	248	108	30	07/03→					**FCR214A**

TG-A Series:

All-wheel-drive mods	04/00→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
AWD 6x6 / 8x8 models		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
			17 238 17,00 00 8	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	

TGL Series

7.150, 7.180, 8.180, 8.210, 8.240, 10.180,	04/05→	F	**FCV1277BFE**	4	29183	335	185	84	27/34						**FCR330A**
10.210, 10.240, 12.180, 12.210, 12.240 FC, FK,		R	**FCV1277BFE**	4	29183	335	185	84	27/34						**FCR272A**
FRC, FRK, FLC, FLRC 265kW															

TGM Series

12t 176-206kW	10/05→	F	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR331A**
		R	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR331A**
13-15t 176-206kW	03/06→	F	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR147A**
		R	**FCV1792BFE**	4	29197	377	211	93	30					FAI132	**FCR147A**
18-26t 176-240kW		F	**FCV4296PTS**	4	29253	432	248	108	30						**FCR214A**
		R	**FCV4296PTS**	4	29253	432	248	108	30						**FCR215A**

TGS, TGX

TGS, TGX 18-50 tons	10/07→	F	**FCV4296PTS**	4	29253	432	248	108	30						**FCR214A**
		R	**FCV4296PTS**	4	29253	432	248	108	30						**FCR215A**

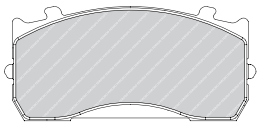
Underfloor-Series:

24.332 U, UL	1986→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
24.362 U, UL		R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Trailing axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
26.322 UNL 235kW /320PS	05/89→														
26.372 UNL 272kW /370PS			**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
26.422 UNL 309kW /420PS															

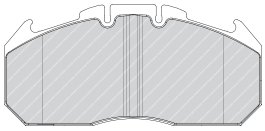
Underfloor-Series (U 90):

14.272 U 198kW /269PS	05/89→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI206 Opt for K19487.1	64	93059		FAI205	
19.322 U, UL 235kW /320PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	
19.372 U, UL 272kW /370PS															
19.422 U, UL 309kW /420PS															

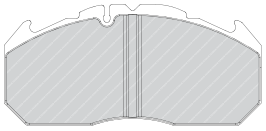
FCV1277BFE
4550 KNR SB/SN5…



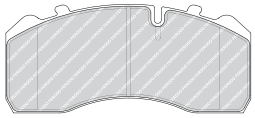
FCV1404BFE
4568 MER D-ELSA2



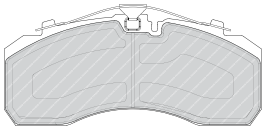
FCV1578BFE
4568 MER D3/D-ELSA 1



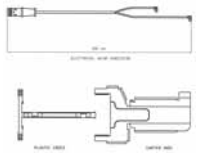
FCV1792BFE
4568 KNR SB/SN6…



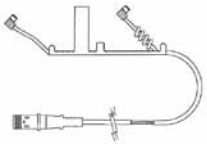
FCV4296PTS
4550 KNR SB/SN7



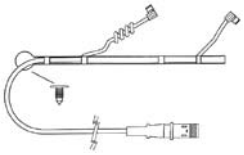
FAI132
↔ 400mm
2



FAI162
↔ 400mm
2



FAI164
↔ 290mm
2



FAI202
↔ 195mm
4



FAI203
↔ 195mm
4



FAI205
↔ 210mm
2



FAI206
↔ 210mm
2

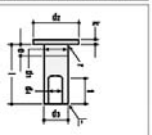




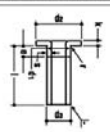
		∅	A	B	C	D		Kg		ABS
FCR147A		377	45.0	38.0	128	162	10xM14	23.0		
FCR161A		432	45.0	37.0	135	208	10xM16	35.0		✓
FCR214A		432	45.0	40.0	130	131	12x19 3xM12	36.0		
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		
FCR272A		335	34.0	30.0	118	154	2xM8 10xM14x1.5	17.0		
FCR330A		335	34.0	30.0	93	90	10x15 2xM10	17.0		
FCR331A		377	45.0	37.0	111	106	12x17	19.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

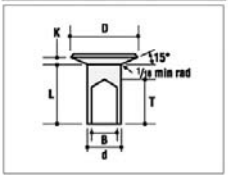
Type B – Semi-Tubular Rivet

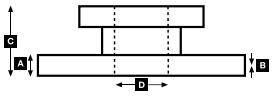


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





MERCEDES-BENZ

Actros (2-Axle):

1832	04/03→	F	**K19487.9**	8	19495	410	177	183	▶17,0	4x4/FAI203 opt. For K19487.1	64	93059		FAI202	
1836		R	**K19488.9**	8	19496	410	177	223	▶17,0	4x4 and tipper/FAI203 opt. For K19488.1	64	93059		FAI202	
1840 290kW /394PS	09/96→														
1841	04/03→														
1843 315kW /428PS	09/96→														
1844	04/03→														
1846															
1848 350kW /476PS	09/96→														
1850	04/03→														
1853 390kW /530PS	09/96→														
1854	04/03→														
1857 420kW /571PS	04/97→														
1858	04/03→														
2031 230kW /313PS	04/96→														
2035 260kW /354PS	04/97→														
2040 290kW /394PS	09/96→														
2053 390kW /530PS	04/96→														

Actros (3-Axle):

2535 260kW /354PS	09/96→	F	**K19487.9**	8	19495	410	177	183	▶17,0	6x6 /FAI203 opt. For K19487.1	64	93059		FAI202	
2543 315kW /428PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	6x6 and tipper/FAI203 opt. For K19488.1	64	93059		FAI202	
2548 350kW /476PS															
2553 390kW /530PS															
2557 420kW /571PS															
2631 230kW /313PS	04/97→														
2632	04/03→														
2635 260kW /354PS	04/97→														
2636	04/03→														
2640 290kW /394PS	09/96→														
2641	04/03→														
2643 315kW /428PS	04/97→														
2644	04/03→														
2646															
2648 350kW /476PS	09/96→														
2650	04/03→														
2653 390kW /530PS	09/96→														
2654	04/03→														
2657 420kW /571PS	04/97→														
2658	04/03→														
3331 230kW /313PS	04/97→														
3335 260kW /354PS															
3340 290kW /394PS															
3343 315kW /428PS															
3348 350kW /476PS															
3353 390kW /530PS															
3357 420kW /571PS															

Actros (4-Axle):

3235 260kW /354PS	04/97→	F	**K19487.9**	8	19495	410	177	183	▶17,0	Tippers/FAI203 opt. For K19487.1	64	93059		FAI202	
3243 315kW /428PS		R	**K19488.9**	8	19496	410	177	223	▶17,0	Tippers/FAI203 opt. For K19488.1	64	93059		FAI202	
4140 290kW /394PS															
4143 315kW /428PS															
4148 350kW /476PS															

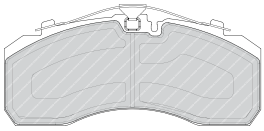
Actros I

1831→1848, 1853, 2031→2053, 2531→2557, 2631→2657, 3231→3243, 3331→3357, 4140→4148 230-420kW	04/96→	F	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
		R	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**

Actros II/III

1832, 1836, 1841, 1844, 1846, 1850, 1854, 1858, 2632, 2636, 2641, 2644, 2646, 2650, 2654, 2658 235-425kW	04/03→	F	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
		R	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
	2007→09/10	F	**FCV4296PTS**	4	29253	430	248	108	30						**FCR323A**
		R	**FCV4296PTS**	4	29253	430	248	108	30						**FCR323A**

FCV4296PTS
4550 KNR SB/SN7



FAI202 ↔ 195mm
4



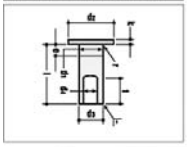
FAI203 ↔ 195mm
4



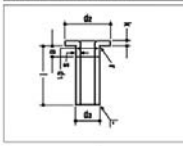
	∅	A	B	C	D		Kg		ABS
FCR145A	430	45.0	37.0	132	211	10xM14	34.2		
FCR323A	430	45.0	37.0	143	149	10x21 + 2xM12	34.9		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

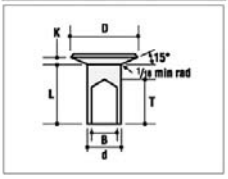
Type B – Semi-Tubular Rivet

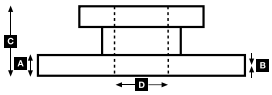


Type C – Tubular Rivet



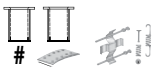
Type A – Semi Tubular Rivets













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Actros 2010

MP III	10/10→	F	FCV4417PTS	2	29246		244.6	113.7	35							
				2	29247		244.6	113.7	30							
		R	FCV4418PTS	2	29244	430	207.6	113.7	30							FCR145A
				2	29245	430	207.6	113.7	35							

Actros 2011

MP IV	10/11→	F	FCV4417PTS	2	29246		244.6	113.7	35							
				2	29247		244.6	113.7	30							
		R	FCV4418PTS	2	29244	430	207.6	113.7	35							FCR145A
				2	29245	430	207.6	113.7	30							

Atego I

712, 715, 812, 815, 817, 823 - models fitted with Knorr SB/SN5 Caliper 90-170kW	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34							FCR186A
		R	FCV1277BFE	4	29183	335	185	84	27/34							FCR187A
917, 923, 925, 1017, 1023 - models fitted with Knorr SB/SN5 Caliper 125-170kW	01/98→	F	FCV1277BFE	4	29183	335	185	84	27/34							FCR186A
		R	FCV1277BFE	4	29183	335	185	84	27/34	5 tons option						FCR187A
										7 tons option						FCR188A
1215, 1217, 1223, 1225, 1228, 1317, 1323, 1325, 1328, 1517, 1517, 1523, 1525, 1528 - models fitted with Knorr SB/SN6 Caliper 112-205kW	01/98→	F	FCV1275BFE	4	29197	377	211	93	30							FCR189A
		R	FCV1275BFE	4	29197	377	211	93	30							FCR190A
						377	211	93	30	Option						FCR260A

Atego I

917, 923, 925, 1017, 1023	01/98→	F	17 290 15,40 00 6	4	17290	364	172	130	13,4	4x4 and tipper	56	93058				
				4	17950	364	131	130	▶15,5			93058				
		R	17 290 15,40 00 6	4	17290	364	172	130	13,4	4x4 and tipper	56	93058				
				4	17950	364	131	130	▶15,5			93058				
1215, 1217, 1223, 1225, 1228	01/98→	F	K19486.9	8	19494	410	175	163	▶17,0	4x4/FAI203 opt. For K19486.1	64	93059		FAI202		
1317, 1323, 1325, 1328		R	K19844.3	4	19844	364	131	160	▶15,5	Tipper	56	93058		FAI202		
1517, 1523, 1525 AF, 1528				4	19506	364	172	160	▶15,40			93058		FAI202		
		R	K19078.0	4	19505	364	173	200	▶15,8	4x4	56	93057		FAI202		
				4	19112	364	130	200	▶15,8			93057		FAI202		

Atego II

1823, 1828, 2523, 2528, 2628 - models fitted with Knorr SB/SN7 Caliper 170-205kW	01/98→	F	FCV4296PTS	4	29253	430	248	108	30							FCR145A
		R	FCV4296PTS	4	29253	430	248	108	30							FCR145A

Atego II

		F	K19487.9	8	19495	410	177	183	▶17,0	4x4/FAI203 opt. For K19487.1	64	93059		FAI202		
		R	K19488.9	8	19496	410	177	223	▶17,0	4x4 and tipper/FAI203 opt. For K19488.1	64	93059		FAI202		

Axor

1823→1843, 2523→2543, 2623→2628, 3228 170-315kW	01/02→	F	FCV4296PTS	4	29253	430	248	108	30							FCR145A
		R	FCV4296PTS	4	29253	430	248	108	30							FCR145A

Econic

1823 LL, 1828 LL, 2628 LL 170-205kW	03/98→	F	FCV4296PTS	4	29253	430	248	108	30							FCR145A
		R	FCV4296PTS	4	29253	430	248	108	30							FCR145A

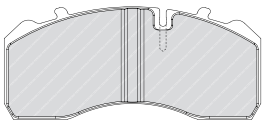
LK/LN2-Series (6,5 to)

709 63-66kW	03/84→06/87	F	K15836.0	4	15162	304	258	90	▶11,5		40	93057		FAI202		
709 K 63-66kW		R	K15836.0	4	15162	304	258	90	▶11,5		40	93057		FAI202		
709 63-66kW	07/87→	F	15 162 13,50 00 4	4	15162	308	258	90	▶13,5		40	93057		FAI202		
709 K 63-66kW	07/87→10/90	R	15 162 13,50 00 4	4	15162	308	258	90	▶13,5		40	93057		FAI202		
711	03/94→															

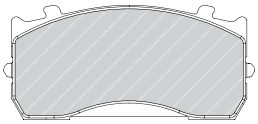
LK/LN2-Series (7,5 to)

809, K, 811, 814, L, K, S, 817	03/84→06/87	F	K17927.0*	4	17278	304	258	105	▶11,5	*use 17 278 11,50 00 4	40	93057		FAI202		
		R	K17927.0*	4	17278	304	258	105	▶11,5	*use 17 278 11,50 00 4	40	93057		FAI202		
809, K, 811, 814, L, K, S, 817	07/87→	F	K17927.3*	4	17278	308	259	105	▶13,5	*use 17 278 13,50 00 4	40	93057		FAI202		
		R	K17927.3*	4	17278	308	259	105	▶13,5	*use 17 278 13,50 00 4	40	93057		FAI202		

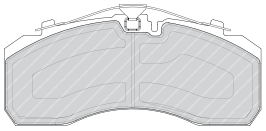
FCV1275BFE
4550 KNR SB/SN6...



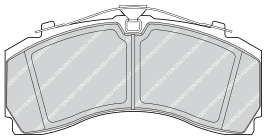
FCV1277BFE
4550 KNR SB/SN5...



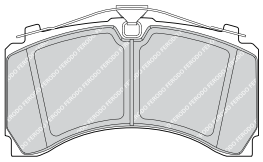
FCV4296PTS
4550 KNR SB/SN7



FCV4417PTS
7121 KNR SM7



FCV4418PTS
7221 KNR SL7



FAI202 ↔ 195mm
4



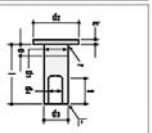
FAI203 ↔ 195mm
4



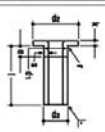
	∅	A	B	C	D		Kg		ABS
FCR145A	430	45.0	37.0	132	211	10xM14	34.2		
FCR186A	335	34.0	31.0	102	91.5	10x14.5	15.0		
FCR187A	335	34.0	31.0	111	131	8xM12	16.0		
FCR188A	335	34.0	28.0	111	152	8xM12	15.2		
FCR189A	377	45.0	37.0	134	105.7	14x14.5	24.0		
FCR190A	377	45.0	37.0	138	176	8xM14	26.4		
FCR260A	377	45.0	37.0	138	169	8xM14	26.4		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

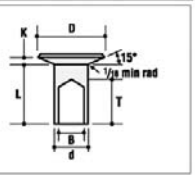
Type B – Semi-Tubular Rivet

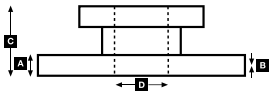


Type C – Tubular Rivet

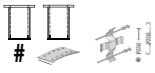


Type A – Semi Tubular Rivets








...MERCEDES-BENZ

LK/LN2-Series (8 & 8,6 to)

809, K 63-66kW	03/84→06/87	F	**K17928.0**	4	17280	304	258	120	▶11,5		40	93057		FAI202	
		R	**K17928.0**	4	17280	304	258	120	▶11,5		40	93057		FAI202	
809, K 63-66kW	07/87→	F	**K17928.3**	4	17280	308	259	120	▶13,5		40	93057		FAI202	
811, K	03/94→	R	**K17928.3**	4	17280	308	259	120	▶13,5		40	93057		FAI202	
814 F	05/86→	F	**K17928.0**	4	17280	304	258	120	▶11,5		40	93057		FAI202	
817 F	03/96→		**K17928.3**	4	17280	308	259	120	▶13,5	7/87→	40	93057		FAI202	
		R	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
			K17929.3	4	17287	308	257	135	▶13,5	7/87→	40	93057		FAI202	
814, L, K, S 95-100kW	03/84→06/87	F	**K17928.0**	4	17280	304	258	120	▶11,5		40	93057		FAI202	
817, L, K, S, LS 116-125kW	01/86→06/87	R	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
814, L, K, S 95-100kW	07/87→	F	**K17928.3**	4	17280	308	259	120	▶13,5		40	93057		FAI202	
817, L, K, S, LS 116-125kW		R	**K17929.3**	4	17287	308	257	135	▶13,5		40	93057		FAI202	

LK/LN2-Series (9 to)

914 AK 95-100kW	02/87→	F	**17 290 15,40 00 6**	4	17290	364	172	130	13,4		56	93058			
				4	17950	364	131	130	▶15,5			93058			
914 AK 125kW /170PS	02/87→	R	**17 290 15,40 00 6**	4	17290	364	172	130	13,4		56	93058			
				4	17950	364	131	130	▶15,5			93058			
914 KO 95-100kW	01/87→	F	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
917, K, KO 125kW /170PS	03/94→		**K17929.3**	4	17287	308	257	135	▶13,5	7/87→	40	93057		FAI202	
		R	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
			K17929.3	4	17287	308	257	135	▶13,5	7/87→	40	93057		FAI202	
914 O 100kW /136PS	12/86→02/93	F	**K19844.0**	4	19844	360	130	160	▶13,5		56	93058		FAI202	
				4	19506	360	172	160	▶13,4			93058		FAI202	
		F	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	
		R	**K17949.0**	4	17290	360	172	130	▶13,4		56	93058			
				4	17950	360	130	130	▶13,5			93058			
		R	**17 290 15,40 00 6**	4	17290	364	172	130	13,4	10/88→	56	93058			
				4	17950	364	131	130	▶15,5			93058			
914, K 95-100kW	03/84→06/87	F	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
		R	**K17929.0***	4	17287	304	258	135	▶11,5	*use 17 287 11,50 00 4	40	93057		FAI202	
914, K 95-100kW	07/87→	F	**K17929.3**	4	17287	308	257	135	▶13,5		40	93057		FAI202	
		R	**K17929.3**	4	17287	308	257	135	▶13,5		40	93057		FAI202	
917 AF 116-125kW	02/87→	F	**17 290 15,40 00 6**	4	17290	364	172	130	13,4		56	93058			
917 AK 125kW /170PS	03/94→			4	17950	364	131	130	▶15,5			93058			
		R	**17 290 15,40 00 6**	4	17290	364	172	130	13,4		56	93058			
				4	17950	364	131	130	▶15,5			93058			

LK/LN2-Series (11 to)

1114 AK 95-100kW	02/87→	F	**K19844.0**	4	19844	360	130	160	▶13,5		56	93058		FAI202	
1114 O, LO 95-100kW	12/85→			4	19506	360	172	160	▶13,4			93058		FAI202	
1114, L, K, S 95-100kW	03/84→	F	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
1117 A 116-125kW	06/87→			4	19506	364	172	160	▶15,4			93058		FAI202	
1117 LO 125kW /170PS	03/96→	R	**K19844.0**	4	19844	360	130	160	▶13,5		56	93058		FAI202	
1117 O, LO 116-125kW	03/84→			4	19506	360	172	160	▶13,4			93058		FAI202	
1117 S, LS 116-125kW		R	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
1117, L, K 116-125kW	04/84→			4	19506	364	172	160	▶15,4			93058		FAI202	
1117, L, K, S 125kW /170PS	03/96→														
1120 AF 150-155kW	02/87→														
1120 F 150-155kW	02/90→														
1120 L 125kW /170PS	08/84→														
1120 O, LO 150-155kW	02/92→														
1120, L 148-155kW	06/84→														
1124 AF 177kW /241PS	03/92→														
1124 F 155-177kW															
1120 S, LS 148-155kW	08/84→														

LK/LN2-Series (12 to)

1214	1994→	F	**K19844.3**	4	19844	364	131	160	▶15,5		56	93058		FAI202	
1217 KO 125kW /170PS	03/94→			4	19506	364	172	160	▶15,4			93058		FAI202	
1220	1994→	R	**K19844.3**	4	19844	364	131	160	▶15,5		56	93058		FAI202	
1224				4	19506	364	172	160	▶15,4			93058		FAI202	

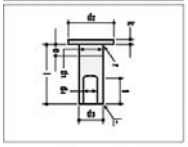
FERODO

FAI202 ↔ 195mm
4

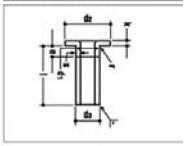


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

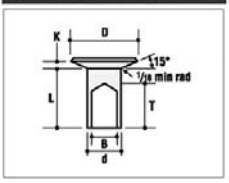
Type B – Semi-Tubular Rivet

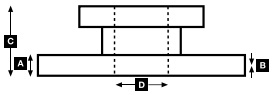


Type C – Tubular Rivet



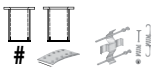
Type A – Semi Tubular Rivets













...MERCEDES-BENZ

LK/LN2-Series (13 to)

1314 AK 95-100kW	06/87→	F	**K19844.0**	4	19844	360	130	160	▶13,5		**56**	93058		FAI202	
1314, K, KO 95-100kW	07/84→			4	19506	360	172	160	▶13,4			93058		FAI202	
1317 AK 155kW /211PS	08/84→	F	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	**56**	93058		FAI202	
1317 K 125kW /170PS	07/84→			4	19506	364	172	160	▶15,4			93058		FAI202	
1317 KO 125kW /170PS	03/94→	R	**K19844.0**	4	19844	360	130	160	▶13,5		**56**	93058		FAI202	
1317 S 125kW /170PS	03/96→			4	19506	360	172	160	▶13,4			93058		FAI202	
1317, L, K 125kW /170PS		R	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	**56**	93058		FAI202	
1317, L, S, LS 116-125kW	08/84→			4	19506	364	172	160	▶15,4			93058		FAI202	
1320, L 125kW /170PS	10/84→														
1320, L, S, LS 148-155kW															
1324 L 150kW /204PS	01/91→														
1324, L, S, LS 170-177kW															

LK/LN2-Series (15/16 to)

1514, K, L 95-100kW	01/89→	F	**K19078.0**	4	19505	364	173	200	▶15,8		**56**	93057		FAI202	
1517 K 116-125kW				4	19112	364	130	200	▶15,8			93057		FAI202	
1517, L 116-125kW	10/88→	R	**K19078.0**	4	19505	364	173	200	▶15,8		**56**	93057		FAI202	
1517, L, K 125kW /170PS	03/96→			4	19112	364	130	200	▶15,8			93057		FAI202	
1520, L 150-155kW	01/89→														
1524, L 170-177kW	02/91→														
1614	1991→														
1617															

MB-Trac

65/70, 700, 700 S/K, 800, 900, 900 turbo, 1000, 1100, 1300, 1300 turbo, 1400 turbo, 1500, 1600, 1800 intercooler	07/73→12/91	F	**FDB143**	4	29581	374	90	74	15						**FCR156A**
		R	**FDB143**	4	29581	374	90	74	15						**FCR156A**

MK-Series (14 to):

1417 A, AK	09/89→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
1417, K	07/89→	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
1420, L, LS 155kW /211PS	02/90→														
1422 230kW /313PS	02/93→08/94														
1422 F	07/89→08/94														
1422 LS 200kW /272PS	02/93→08/94														
1422, L, S, LS	06/89→08/94														
1424, L, S, LS	02/93→														
1426 S, LS	06/89→09/93														
1427 F	02/93→														

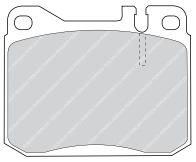
MK/SK-Series (17 to):

1717 AK 125kW /170PS	09/89→08/94	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
1722 AK	12/88→08/94	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	**64**	93059		FAI202	
1726 AK 195kW /265PS	06/89→08/94														
1729 AK 213kW /290PS	07/88→09/93														
1735 AK	08/89→08/94														
1717, L, K 129kW /175PS	09/89→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	**64**	93059		FAI202	
1720 S 155kW /211PS	02/90→08/94	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	**64**	93059		FAI202	
1720, L	02/90→														
1722, L, S, K	12/88→08/94														
1726, L, S, LS, K															
1729, L, S, LS, K	07/88→08/94														
1733, L, S, LS	01/89→07/92														
1735, L, S, LS, K	07/88→08/94														
1748, L, S, LS	07/88→07/92														

MK/SK-Series (18 to):

1820 AK 155kW /211PS	07/93→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
1824 AK	01/94→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	**64**	93059		FAI202	
1824 K	08/92→														
1831 AK 230kW /313PS	05/91→														
1831 K 230kW /313PS	07/92→														
1838 AK	12/92→														
1838 K	12/90→														
1853 AK 390kW /530PS	01/96→														

FDB143
4904 ATE



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



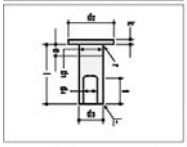


FCR156A

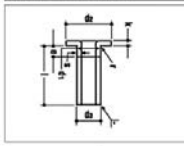
∅	A	B	C	D		Kg		
374	22.0	20.0	22	60	10x16.7	9.5		ABS

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

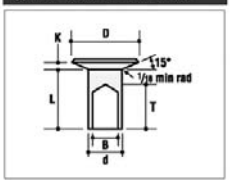
Type B – Semi-Tubular Rivet

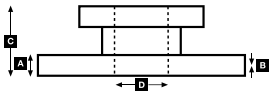


Type C – Tubular Rivet



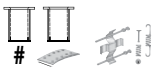
Type A – Semi Tubular Rivets













...MERCEDES-BENZ

...MK/SK-Series (18 to):

1820 S 155kW /211PS	05/92→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
1820, L 155kW /211PS	01/91→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
1824, L 180kW /245PS	08/92→														
1827, L, S, LS 200kW /272PS	12/90→														
1831, L, S, LS 230kW /313PS															
1834, L, S, LS 250kW /340PS	01/91→														
1838, L, S, LS	12/90→														
1840 LS 280kW /381PS	07/91→07/92														
1844, L, S, LS 320kW /435PS	11/91→														
1850, L, S, LS	12/90→														
1853, L, S, LS 390kW /530PS	01/96→														

MK/SK-Series (19 to):

1922 AK	08/89→08/94	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1929 A	07/88→08/94	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
1929 AS, AK															
1935 AS, AK	05/89→08/94														
1922, S , K	05/89→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
1929, L, S, K	07/88→08/94	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
1935 K	05/89→08/94														
1935, S 269kW /366PS															
1948	09/88→07/92														

MK/SK-Series (20 to):

2024, K, AK 180kW /245PS	02/93→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2031 A	03/92→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2031, A, S, AS 230kW /313PS															
2038 AS 320kW /435PS	12/92→														
2038, S, AS 280kW /381PS	11/91→														
2044, S 320kW /435PS	01/92→														
2050, S	01/91→														

MK/SK-Series (22 to):

2220 L (6x2/4) 147kW /200PS	1989→	F1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		F2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	

MK/SK-Series (24 to):

2420, L (6x2/2/4)	02/90→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2422, L (6x2/2/4)	09/89→08/94	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
2426 L (6x2/4)	02/90→08/94		**K19487.9**	8	19495	410	177	183	▶17,0	Auxiliary axle/FAI203 opt.	64	93059		FAI202	
2429 S, LS (6x2/4)	07/88→08/94									For K19487.1					
2433 S, LS (6x2/4)	05/89→07/92														
2435 S, LS (6x2/2/4)	07/88→08/94														
2448 LS (6x2/4)	07/88→07/92														

MK/SK-Series (24 to) 6x2:

2429, L	07/88→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2433, L	05/89→07/92	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
2435, L	07/88→08/94		**K19486.9**	8	19494	410	175	163	▶17,0	Auxiliary axle/FAI203 opt.	64	93059		FAI202	
2448, L	07/88→07/92									For K19486.1					

MK/SK-Series (24 to) 6x4:

2422, K, B	09/89→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2426, B 195kW /265PS	01/90→08/94	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2429, S, K	07/88→08/94														
2433 K 249kW /330PS	09/89→07/92														
2435, S, K	07/88→08/94														
2448 S	07/88→07/92														

FERODO

FAI202 ↔ 195mm
4

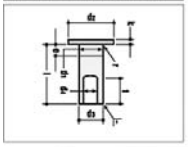


FAI203 ↔ 195mm
4

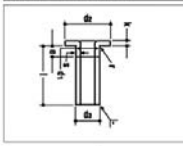


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

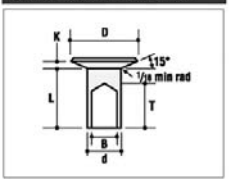
Type B – Semi-Tubular Rivet

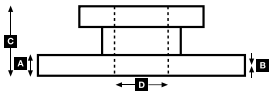


Type C – Tubular Rivet

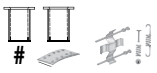


Type A – Semi Tubular Rivets









...MERCEDES-BENZ

MK/SK-Series (25 to):

2524, L (6x2/2/4)	06/92→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2527 L (6x2/4)	09/92→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
2531, L (6x2/2/4)	12/90→		**K19487.9**	8	19495	410	177	183	▶17,0	Auxiliary axle/FAI203 opt.	64	93059		FAI202	
2534 S, LS (6x2/4) 250kW/340PS	01/91→									For K19487.1					
2538 S (6x2/4) 370kW/503PS	03/91→														
2538 S, LS (6x2/4)															
2534, L (6x2) 250kW /340PS	01/91→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2538 (6x2) 370kW /503PS	03/91→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI203 opt. For K19488.1	64	93059		FAI202	
2538, L (6x2) 280kW /381PS			**K19486.9**	8	19494	410	175	163	▶17,0	Auxiliary axle/FAI203 opt.	64	93059		FAI202	
2538, L (6x4/6x2) 320kW/435PS										For K19486.1					
2544, L, S (6x2) 320kW/435PS	01/92→														
2550, L (6x2)	01/91→														
2553, L (6x2) 390kW/530PS	01/96→														

MK/SK-Series (25 to) 6x4:

2524, K 180kW /245PS	06/92→	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2527 B 200kW /272PS	03/91→	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2527, K 200kW /272PS	10/93→														
2534 K 250kW /340PS	01/91→														
2538	03/91→														
2538 K															
2550 S	01/91→														
2553 S 390kW /530PS	01/96→														

MK/SK-Series (26 to) 6x4:

2629 B	07/88→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2629 K		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2629, S															
2631	06/92→														
2631 S, B 230kW /313PS															
2635, S, K	07/88→08/94														
2638, S, K	09/91→														
2644, S 320kW /435PS	01/92→														
2648 S	12/88→07/92														
2650, S 370kW /503PS	07/92→														

MK/SK-Series (26 to) 6x6:

2629 A	07/88→08/94	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2629 AK		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2629 AS															
2631 A 230kW /313PS	06/92→														
2631 AK 230kW /313PS															
2631 AS 230kW /313PS															
2635 A	02/90→08/94														
2635 AK															
2635 AS	02/90→														
2638 AK	09/91→														
2638 AS	07/92→														
2632 for Eaton-axle		F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19896.0**	8	19896	419	196	178	18,0		112	93683			

MK/SK-Series (32 to):

3228 B, K (8x4/4) 206kW /280PS	1989→	F1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		F2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R1	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
		R2	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
3236 A (6x6) 261kW /355PS	1989→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3250 A (6x6) 368kW /500PS		R1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	

FERODO

FAI202 ↔ 195mm
4

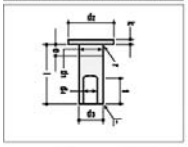


FAI203 ↔ 195mm
4

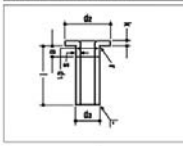


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

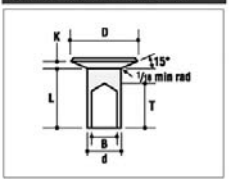
Type B – Semi-Tubular Rivet

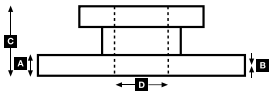


Type C – Tubular Rivet



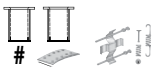
Type A – Semi Tubular Rivets













...MERCEDES-BENZ

MK/SK-Series (32-35 to):

3229	09/89→08/94	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3229 K, B	09/89→07/92	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3233 K, B 250kW /340PS	10/90→07/92														
3234 K, B 250kW /340PS	02/92→														
3235 260kW /354PS	10/88→07/92														
3235 K 260kW /354PS	07/87→07/92														
3238	10/90→														
3253 390kW /530PS	01/96→														
3534 K 250kW /340PS	10/93→														
3535 AK	02/90→08/94														
3535 K, B	10/88→08/94														
3538 AK	03/91→														
3538 K															
3550 S	05/92→														

MK/SK-Series (32-38 to):

3250 AF (6x6) 368kW /500PS	1989→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3850 A (6x6) 368kW /500PS		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3850 AS (6x6) 368kW /500PS															

NG-Series (10 to):

1013 A, AK, KO 96kW /130PS	02/76→12/86	F	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
1017 A 124kW /168PS	11/75→02/91	R	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
1017 AF 124kW /168PS	11/75→09/85														
1017 AK 124kW /168PS	02/76→12/84														
1017 AS 124kW /168PS	04/77→09/85														
1017 KO, F 124kW /168PS	11/75→09/85														
1019, F, AF 140kW /190PS	1976→1986														

NG-Series (12 to):

1213 AKO, K, AK 96kW/130PS	09/75→05/86	F	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
1213, A, S, AS, KO 96kW/130PS		R	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
1217 KO, K, AK 124kW/168PS	09/75→09/85														
1217, L, A, S, LS, AS 124kW/168PS															
1214, A 100kW /136PS	1986→1988	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
1217 CA 125kW /170PS	1983→1988	R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
1219 A 141kW /192PS	09/75→12/82														
1219 AK 141kW /192PS	09/75→12/84														
1219, S, F, AF, K 141kW/192PS	09/75→09/84														
1222 A 159kW /216PS	05/82→10/90														
1225 AF 184kW /250PS	1983→1988														
1222 F, AF 159kW /216PS	05/82→12/91	F	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	64	93059			
1222, S 159kW /216PS	07/82→02/90	R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	

NG-Series (14 to):

1414, K 100kW /136PS	04/84→03/91	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
1417 C, CA, CK, CAK		R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
1419 C, CL 141kW /192PS	05/83→06/85														
1420, L 150kW /204PS	07/85→03/91														
1422, L, S, LS, F 159kW/216PS	05/82→10/90														
1425 S, LS 184kW /250PS	11/82→03/91														

NG-Series (16 to):

1614, K 100kW /136PS	04/84→03/91	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1617, C, S, K, L 125kW/170PS	1989→1991	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1620, L 150kW /204PS	07/85→03/91														
1622 K, AK 159kW /216PS	05/82→10/89														
1622 S 159kW /216PS	05/82→03/91														
1622, L															
1628 A 206kW /280PS	01/80→05/89														
1617 C, CL, CS, CK, CAK 125kW/170PS	04/84→03/91	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
1619 C, CL 141kW /192PS	06/83→06/85	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1625 AK 184kW /250PS	10/80→11/89														
1625, K, L, S, LS 184kW/250PS	05/80→10/89	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	

FERODO

FAI202 ↔ 195mm
4

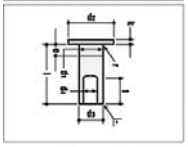


FAI203 ↔ 195mm
4

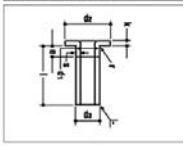


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

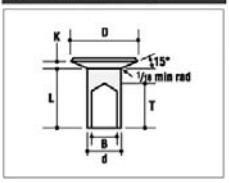
Type B – Semi-Tubular Rivet

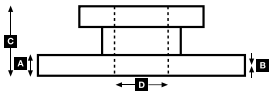


Type C – Tubular Rivet



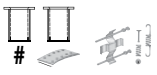
Type A – Semi Tubular Rivets













...MERCEDES-BENZ

...NG-Series (16 to):

1628, L, S, LS 206kW /280PS	01/80→05/89	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1633, L, S, LS 243kW /330PS	10/80→05/87	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1635, L, S, LS, K 260kW/354PS	02/86→07/89		**K19487.9**	8	19495	410	177	183	▶17,0	Opt./FAI203 opt. For K19487.1	64	93059		FAI202	
1636, L, S, LS 261kW /355PS	12/83→03/91														
1638, S, LS 276kW /375PS	11/80→12/86														
1644, S, LS 320kW /435PS	06/86→08/89														

NG-Series (19 to):

1922 159kW /216PS	10/81→10/90	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
1922 S, K, AK 141kW /192PS	10/81→03/91	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
1928 A, S, LS, AS, K, AK 206kW/280PS	01/80→03/91														
1928, L 206kW /280PS	01/80→05/89														
1933, S, LS 243kW /330PS	11/80→03/91														
1935 AK	09/87→03/91														
1935, S, LS 260kW /354PS	02/86→09/89														
1936, S, LS, AS, K, AK 261kW/355PS	10/81→03/91														
1938, S, LS 276kW /375PS	11/80→06/90														
1944, S, LS 320kW /435PS	10/85→12/89														

NG-Series (20 to):

2025 S 184kW /250PS	08/83→03/91	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2028 LS 206kW /280PS	01/80→06/89	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2033 LS 243kW /330PS	12/81→05/87														
2035 S, LS 260kW /354PS	06/86→07/89														
2036 LS 261kW /355PS	03/84→03/91														
2028 A (6x6) 206kW /280PS	1980→1991	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	

NG-Series (22 to):

2219 C, CL 141kW /192PS	02/83→09/85	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2220, L 147kW /200PS	→1988	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2222, L 159kW /216PS	05/82→03/91		**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	Auxiliary axle/ FAI203 opt for 19,1 version	64	93058		FAI202	
2219, L, K, KO 141kW /192PS	06/76→01/87	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2220 (6x2/4) 147kW /200PS	1975→1984	R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2222 (6x2/4) 162kW /220PS															
2228, S 206kW /280PS	12/79→03/91														
2233, S 243kW /330PS	11/80→05/87														
2235 K 260kW /354PS	03/86→07/89														
2236 S 261kW /355PS	12/84→03/91														
2238 S 276kW /375PS	01/81→12/86														
2244 S 320kW /435PS	10/85→07/89														
2220, L 150kW /204PS	07/85→03/91	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2222 B, K	05/82→03/91	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2225 184kW /250PS	04/85→03/91	R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
2225 B 184kW /250PS	08/83→03/91														
2228, L 206kW /280PS	12/79→03/91	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2232 L (6x2) 243kW /330PS	1980→1986	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
2233, L 243kW /330PS	11/80→05/87		**K19486.9**	8	19494	410	175	163	▶17,0	Auxiliary axle/FAI203 opt. For K19486.1	64	93059		FAI202	
2235, L, S, LS 260kW /354PS	03/86→07/89														
2236 261kW /355PS	09/82→03/91														
2238, L 276kW /375PS	01/81→12/86														
2244, L 320kW /435PS	10/85→07/89														

NG-Series (24 to):

2419, K (6x4)	1975→	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2421, K (6x4)	1982→	R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	

FAI202 ↔ 195mm
4

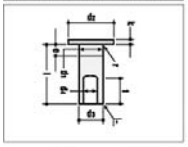


FAI203 ↔ 195mm
4

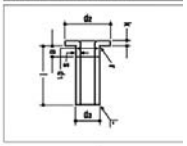


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

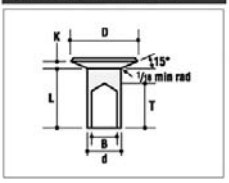
Type B – Semi-Tubular Rivet

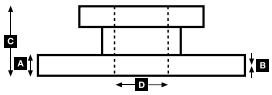


Type C – Tubular Rivet



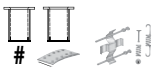
Type A – Semi Tubular Rivets













...MERCEDES-BENZ

NG-Series (26 to):

2624 A, AK (6x6) 177kW /240PS	→1989	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2624, S, K (6x4) 177kW /240PS		R1	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
2626 AK, A, AS, AB, LAK (6x6) 191kW/260PS	1973→1989	R2	**K19486.9**	8	19494	410	175	163	▶17,0	Trailing axle/FAI203 opt. For K19486.1	64	93059		FAI202	
2626, K, B, LK, S (6x4) 191kW/260PS															
2628 A 331kW /450PS	01/90→03/91														
2628 A, AS, AK 206kW/280PS	02/80→03/91														
2628 B 206kW /280PS	02/80→08/89														
2628, S, K 206kW /280PS	02/80→03/91														
2632 A, AS (6x6) 236kW/320PS	1973→1989														
2632 AK, LAK (6x6) 236kW/320PS															
2633, S 243kW /330PS	05/82→05/87														
2635 S, AS, AK 269kW/366PS	09/87→03/91														
2635, S 260kW /354PS	04/86→03/91														
2636 A	11/81→03/91														
2636 AS, AK 261kW /355PS															
2636, S, K 261kW /355PS															
2638 S 276kW /375PS	01/81→12/86														
2644 S 320kW /435PS	10/85→02/90														

NG-Series (30/32 to):

3025 B	12/85→07/87	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3228 B 206kW /280PS	07/87→03/91	R	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0	FAI203 opt for 19,1 version	64	93058		FAI202	
3025 K 184kW /250PS	12/85→07/87	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3028 K, B 206kW /280PS		R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3228 K 206kW /280PS	07/87→03/91														
3229 B, K (8x4/4) 213kW/290PS	1989→1991														
3236 A (8x8) 261kW /355PS															
3250 A 368kW /500PS	09/85→08/94														
3038 S (6x4) 276kW /375PS	1989→1991	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3235, K (8x4/4) 269kW/366PS		R1	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
		R2	**K19487.9**	8	19495	410	177	183	▶17,0	Trailing axle/FAI203 opt. For K19487.1	64	93059		FAI202	

NG-Series (32 to):

3250 AF 368kW/500PS	09/85→08/94	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	

NG-Series (32-48 to):

3229, B, K (8x4/4)	1983→1988	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3235, K (8x4/4)		R	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	64	93059		FAI202	
3328 (8x4/2) 206kW /280PS															
3328 B, K 206kW /280PS	07/82→07/87														
3336 AK 261kW /355PS	09/86→11/91														
3336, S, K 261kW /355PS	12/82→11/91														
3528 B, K (8x4/4) 260kW/354PS	1989→1991														
3536 (8x4/4) 261kW /355PS	1983→1988														
3850 AS (8x8) 368kW /500PS															
4050 A (8x8) 368kW /500PS															
4850 A (8x8) 368kW /500PS															

NG-Series (35 to):

3535 AK 260kW /354PS	09/87→02/90	F	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3535 K	09/87→01/89	R	**K19487.9**	8	19495	410	177	183	▶17,0	FAI203 opt. For K19487.1	64	93059		FAI202	
3850 A 368kW /486PS	09/85→08/94														

NG-Series (38 to):

3824 (6x4, 6x6)	1984→	F	**K17285.0***	8	17285	440	190	140	10,0	*use 17 285 10,00 60 8	64	93059			
			K19486.9	8	19494	410	175	163	▶17,0	Opt./FAI203 opt. For K19486.1	64	93059		FAI202	
		R	**K19160.0***	8	19160	440	186	170	15,0	*use 19 160 15,00 00 8	64	93059			
			K19486.9	8	19494	410	175	163	▶17,0	Opt./FAI203 opt. For K19486.1	64	93059		FAI202	

FERODO

FAI202 ↔ 195mm
4

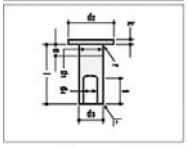


FAI203 ↔ 195mm
4

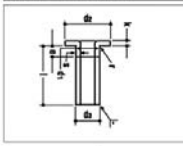


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

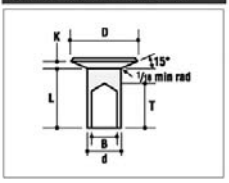
Type B – Semi-Tubular Rivet

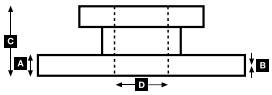


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...MERCEDES-BENZ

Powerliner Series

1820, 1827, 1831, 1834, 838, 1844, 1850 - 22.5" wheel size Knorr SB/SN7…	01/91→	F	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**

Unimog

120, 1300, 1500, 1700 L 177kW 90, 110, 140, 600, 650/L, 1100 T, 1250, 1650 L, 1700/T, 1750/L, 2100, 2150/L, 2400, 2450/L 177kW 1600, 1650 177kW	1974→	F	**FCV958**	8	29764	374	150	81	20						**FCR156A**
54, 65, 66, 70, 80, 84, 90, 100, 110, 125	1973→04/92	R	**FDB143**	4	29581	374	90	74	15						**FCR156A**
40 - 125kW			29 581 19,00 40 4	4	29581	374	90	74	19	Opt 19mm Thick					**FCR156A**
120, 1300, 1500, 1700 L 115kW 90, 110, 140, 600, 650/L, 1100 T, 1250, 1650 L, 1700/T, 1750/L, 2100, 2150/L, 2400, 2450/L 115kW	1974→04/92	R	**FCV959**	4	29765	374	150	81	20						**FCR156A**
72, 800L 53 - 72kW 900, 1000, 1100, 1200, 1300 L, 1300 LL 62 -125kW	1977→04/92	R	**FDB143**	4	29581	374	90	74	15						**FCR156A**

Zetros

118 A 4X4	09/08→	F	**K19487.9**	8	19495	410	177	183	17,0		**64**	93059			
2733 A 6X6		R	**K19488.9**	8	19496	410	177	223	17,0		**64**	93059			

NISSAN

Eco-T / Atleon Range

100 L35/50 135 L 60/70/80 - M90	01/97→	F	**FVR792**	4	20984		167	62	17						
			FCV702	4	29039		177	78	22						
		R	**FCV702**	4	29039		177	78	22						
160 - 110/130 - 200	01/97→	F	**FCV1159B**	4	29099		214	112	25						
		R	**FCV1159B**	4	29099		214	112	25						

Trade

2.0, 2.8 Diesel, 2.8 i, 3,0, 75, 100 →78kW	01/87→	F	**FVR792**	4	20984	263	167	62	17						**DDF1016**
			FVR791	4	29706	263	167	62	17						**DDF668**

PEGASO

All

1214.14 ,1214.17, 1217.17	1987→	R	**K19877.0**	4	19878	410	160	160	▶16,2		**104**	93049			
				4	19877	410	162	160	▶17,3			93049			
1217.2, 1223.2, 1231 R, 1234 R, 1323.26, 1331.26, 1331.38 R, 1334.38, 1436.38 G, 2323.26 K,2331.26 K, 2331.38 R, 2331.38 T, 2334.38 T, Troner 1234.38 T, Troner 1234.39 R, Troner 1236.38 R, Troner 1236.38 T	1987→	F	**K19877.0**	4	19878	410	160	160	▶16,2		**104**	93049			
				4	19877	410	162	160	▶17,3			93049			
		R	**K19879.0**	4	19879	410	162	200	▶16,5		**104**	93049			
				4	19881	410	160	200	▶17,3			93049			
2431.36 K, 2434.36 K	1987→	F	**K19879.0**	4	19879	410	162	200	▶16,5		**104**	93049			
				4	19881	410	162	200	▶17,3			93049			
		R	**K19879.0**	4	19879	410	162	200	▶16,5		**104**	93049			
				4	19881	410	162	200	▶17,3			93049			
		R	**K19877.0**	4	19878	410	160	160	▶16,2	Trailing axle	**104**	93049			
				4	19877	410	162	160	▶17,3			93049			

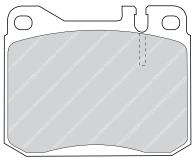
RENAULT TRUCKS

B Series

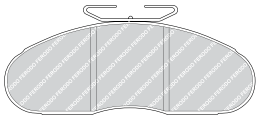
B70-35D 53kW	1982→1986	F	**FCV627**	4	29071	276	168	62	17						**FCR169A**
			FVR791	4	29706	276	167	62	17	Opt.					
B70, 80, 90, 110, 120	1987→	F	**FCV627**	4	29071	276	168	62	17						**FCR169A**
B110.45, B120.35 → B120.65	1994→06/99	F	**FVR791**	4	29706	276	167	62	17						**FCR169A**
			FVR792	4	20984	276	167	62	17	with fitted w.i.					

FERODO

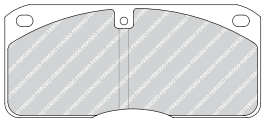
29 581 19,00 40 4
4508 ATE



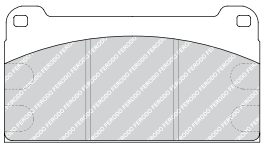
FCV627
3538 ALLIEDI PL2



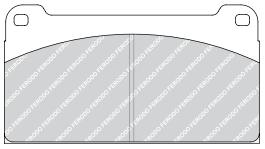
FCV702
3422 MER 2x68



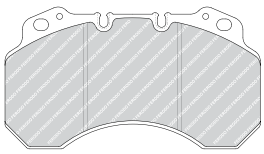
FCV958
3475 Ate



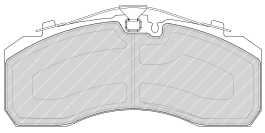
FCV959
3475 Ate



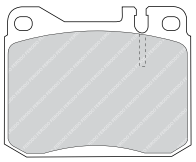
FCV1159B
4572 MER C-LISA



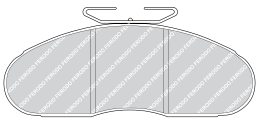
FCV4296PTS
4550 KNR SB/SN7



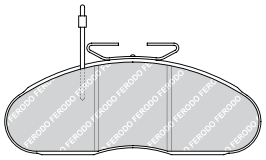
FDB143
4904 ATE



FVR791
3538 TRW



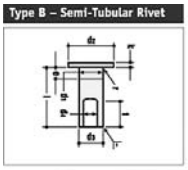
FVR792
3538 BDX



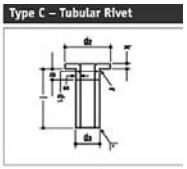
		∅	A	B	C	D		Kg		ABS
DDF668		263	24.0	22.0	53	96	58	12.83		
DDF1016		263	24.0	22.4	53	96	6	13.03		
FCR145A		430	45.0	37.0	132	211	10xM14	34.2		
FCR156A		374	22.0	20.0	22	60	10x16.7	9.5		
FCR169A		276	24.0	22.4	44	102	10x10.6	6.6		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

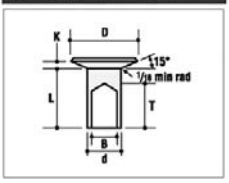
Type B – Semi-Tubular Rivet

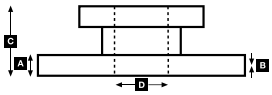


Type C – Tubular Rivet



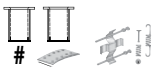
Type A – Semi Tubular Rivets













...RENAULT TRUCKS

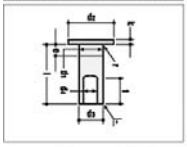
Berliet

90B6, 6A, 7	1975→1980	F	**K17829.0***	2	17829	310	245	100	10,0	* use J1228928	**56**	93038			
				2	17830	310	209	100	10,0			93038			
		R	**K17831.0***	2	17832	310	245	125	10,0	* use J1229928	**64**	93038			
				2	17831	310	209	125	10,0			93038			
130B13, 14, TB19, 20, 21 150B11, 13/R, TB19, 20, 21	1978→1980	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
130B6, 8, 9, 9A	1978→1980	F	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	**60**				
				2	17828	325	210	120	12,5						
		R	**K19620.0**	2	19621	325	251	150	12,5		**64**				
				2	19620	325	210	150	12,5						
610K, KB, K6	1972→1979	F	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	**60**				
				2	17828	325	210	120	12,5						
		R	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	**60**				
				2	17828	325	210	120	12,5						
950KB, KB6, KB6A, KBT6A-E 951KB GL900 L64-8M3, RA TAK160/205/250A, B, C TB 191 (4x2) TB 191 C TB 191 E TB 191 F TB 191 G TB 231 B TB 231 C TB 231 E TB 231 F TB 231 G	1973→1979 1974→1979 1966→1981 1971→1975 10/78→ 1979→ 1980→	R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
950KB6S Turbo, KB6SA, KB6SA-E	1978→1979	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
BOM16, 17	1966→1975			2	17747	414	345	125	12,5			93049			
GC/GF230 Turbo	1978→1979	R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
GCK160/205A, B	1970→1974			2	19199	414	286	150	12,5			93049			
PM4	1964→1973														
G170 (4x2)	1983→	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
G260	1982→			2	19199	414	286	150	12,5			93049			
G260.17 TD (4x2) GBH 12 (6x4) GBH 260 (6x4) GBH 280 (6x4) GBH 280 (6x6) GBH 280 (6x6) Turbo GF 151 (4x2) GLR 190, A GLR 190, GLS 190 GLR 230 (4x4) GLR 230, A GLR190, 230 GR 191 B BOM GR 191, A GR 231, A GR 250, TR 250 GR 260, TR 260 GR 280, TR 280 GR 300, TR 300 GR 305, Turbo GR 320, TR 320 GR 350 (4x2) GR 350, Turbo GR 190/191/205/230/231, A, B, BOM GRH 305 (6x4) GRH 350 (6x4) GRH230, 305 TLM 280 TLM/TLR280 TLR 280-1 TLR 280-C TR 280, A TR280, 305, 350 TRH 320 TS (6x4) TRH 350 TS (6x4) Turbo	1983→ 1974→ 1975→1979 1976→ 10/78→ 07/86→06/88 1980→ 1978→ 1974→ 04/80→ 1978→ 1979→ 1978→ 05/72→ 1977→ 1974→ 1977→ 1974→ 1977→ 1976→1980 1980→ 1977→ 10/77→ 1974→ 1974→1980	R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			

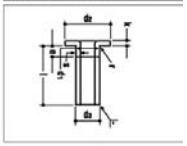
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

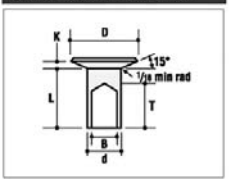
Type B – Semi-Tubular Rivet

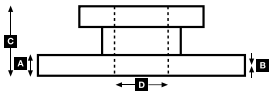


Type C – Tubular Rivet

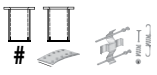


Type A – Semi Tubular Rivets











...RENAULT TRUCKS

...Berliet

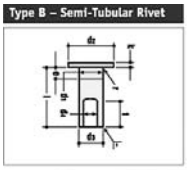
GB131	1978→	F	17 747 12,50 60 3	2	17748	414	284	125	12,5		96	93049			
				2	17747	414	345	125	12,5			93049			
		R	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
GB/GC/GF191, 231, A/B	1978→	F	17 747 12,50 60 3	2	17748	414	284	125	12,5		96	93049			
				2	17747	414	345	125	12,5			93049			
		R	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
GBD	1974→1978	F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
GC 190, GF 190				2	19199	414	286	150	12,5			93049			
GC 191, A, B BOM	1978→	R	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
GC 230	1979→			2	19199	414	286	150	12,5			93049			
GC 231, A, Turbo	1978→														
GF 191, A															
GF 231, A															
GLC 190	1974→														
GR 280	1973→														
GR 280, A, B															
GRH 235, R (6x4)	1978→														
GBH 260, 280	1975→1980	F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
GR 250/260	1971→1974			2	19199	414	286	150	12,5			93049			
GR 305, 320, 350, A, B, Turbo	1974→1980														
TBH 12, 260, 280	1976→1980														
GBH 260, 280	1981→	F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
TBH 12, 260, 280				2	19199	414	286	150	12,5			93049			
TRH305, 320, 350 (33T)	1977→	R1	K19657.0	4	19463	414	374	175	13,5		72	93059			
		R2	K19657.0	4	19463	414	374	175	13,5		72	93059			
GC/GF190, 191, 231, A/B/Turbo	1978→	F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
GR 230 (6x4)	1976→1979			2	19199	414	286	150	12,5			93049			
GRH230, 235, 305	1978→	R1	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
TRH305, 320, 350 (26T)	1977→			2	19199	414	286	150	12,5			93049			
		R2	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
GLR10M3, 160, 200	1969→1980	F	17 747 12,50 60 3	2	17748	414	284	125	12,5		96	93049			
				2	17747	414	345	125	12,5			93049			
		R	K19657.0	4	19463	414	374	175	13,5		72	93059			
GR250/260	1971→1974	R	K19657.0	4	19463	414	374	175	13,5		72	93059			
GR305, 320, 350, A, B, Turbo	1974→1980														
TB191, 231	1978→	F	17 747 12,50 60 3	2	17748	414	284	125	12,5		96	93049			
TF230 Turbo	1977→1979			2	17747	414	345	125	12,5			93049			
		R1	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R2	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

C Series

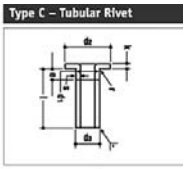
C210, 230, 260, 280, 290	03/89→	F	K19934.0	8	19934	414	187	150	18,5		64	93059			
C230 TI 19	06/88→	R	K19935.0	8	19935	414	187	175	18,5		64	93059			
C280 TI 19															
C300, 340ti	02/89→														
CBH340	06/88→														
CCH300	1988→														
CLR220, 230	02/89→														
C210, 260, 290	07/87→02/89	F	K19934.0	8	19934	414	187	150	18,5		64	93059			
CLR220		R	K19657.0	4	19463	414	374	175	13,5		72	93059			
C210, 260, 290	1982→06/87	F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
CLR220				2	19199	414	286	150	12,5			93049			
		R	K19657.0	4	19463	414	374	175	13,5		72	93059			
C260	11/87→	F	K19934.0	8	19934	414	187	150	18,5		64	93059			
		R1	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R2	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

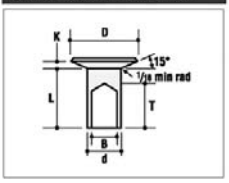
Type B – Semi-Tubular Rivet

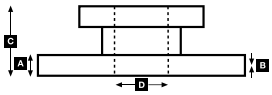


Type C – Tubular Rivet

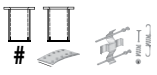


Type A – Semi Tubular Rivets









...RENAULT TRUCKS

...C Series

C260	1982→10/87	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R1	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R2	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
C290	1986→01/89	F	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
		R1	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
		R2	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
C290, 300, 319	02/89→	F	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
CBH280, 320, 340, 350, 380, 385 (6x6)	1988→	R1	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
CLM280, 320, 340, 350, 380, 385 (6x6)		R2	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
CBH280, 340 (6x2)	1986→11/88	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
CLM280, 340 (6x2)				2	19199	414	286	150	12,5			93049			
		R1	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
		R2	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
CBH320, 380, 385 (6x4)		F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R1	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R2	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

Commando

G11	1974→1990	F	**K17134.0**	4	17134	387	360	108	9,5		**48**				
G11 overload			**K17546.0**	4	17546	394	361	127	12,7		**48**				
G11/ G11 overload		R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			
G08	1986→1990	F	**K17217.0**	4	17217	330	295	125	11,7	20" wheels	**48**	93684			
G09	1986→1987														
G11	1974→1990	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			
G11 overload	1974→1981														
G12	1981→1990														
G16 tractive unit	1986→1987														
G18	1974→1987														
G20	1981→1986														
G13	1974→1981	F	**K19072.0**	4	19072	394	360	152	12,7	Heavy duty	**48**	93684			
			K17546.0	4	17546	394	361	127	12,7		**48**				
G13 8cyl	1981→1990	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
G15 8cyl															
G15	1974→1981	R	**K19072.0**	4	19072	394	360	152	12,7	Heavy duty	**48**	93684			

Commando (Dodge) Series:

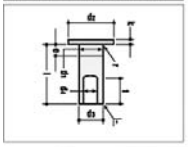
G11, G18	1986→1990	R	**K17316.0**	4	17316	394	321	127	12,7		**48**	93683			
G12															
G13, G15 (8 Cyl. V8 Eng.)		F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		R	**K19351.0**	4	19351	394	321	152	12,7		**48**				

Commer Medium Range

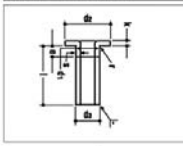
CC/CE/VA/VB12/VC7/VC12	1966→1973	F	**K17134.0**	4	17134	387	360	108	9,5		**48**				
		R	**K19351.0**	4	19351	394	321	152	12,7		**48**				
CC14, 16	1964→1967	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
CE16	1968→1973														
VB, VC 4 ton	1967→1973	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
VB, VC 5 ton 17" wheels	1967→1973	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
		R	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684			
				2	17663	330	343	127	9,5			93684			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

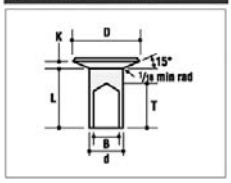
Type B – Semi-Tubular Rivet

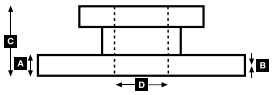


Type C – Tubular Rivet

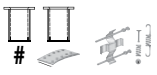


Type A – Semi Tubular Rivets









...RENAULT TRUCKS

J Series

GF151	1980→	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
TF231				2	19199	414	286	150	12,5			93049			
TR280, 305	1975→	R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
JE13	1976→	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
JP/JR/JX, 19, 21 (all)	1975→														
JP21	1975→1983														
JR19 A	1977→														
JE15	1976→	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
TB191, 231, 281	1978→			2	17747	414	345	125	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
JK60, 62, 65, 75	1974→	F	**K17829.0***	2	17829	310	245	100	10,0	* use J1228928	**56**	93038			
				2	17830	310	209	100	10,0			93038			
		R	**K17831.0***	2	17832	310	245	125	10,0	* use J1229928	**64**	93038			
				2	17831	310	209	125	10,0			93038			
JN60	1975→1983	F	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	**60**				
JN75				2	17828	325	210	120	12,5						
JN80, 85	→1983	R	**K19620.0**	2	19621	325	251	150	12,5		**64**				
JN90, 95	1978→1983			2	19620	325	210	150	12,5						
JP13 A, B, C/citerne	1976→1983	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	**64**				
JP14 BOM	1979→1983	R	**K19622.0**	4	19622	394	354	152	12,7		**64**				
JP19 A, B	1976→														
JR19 B															
JR21 A-T, B-T, C-T	1977→														
JX21 A-T, B-T, C-T	1979→														

K/500 Series

K400	1967→1969	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
K500 17" wheels	1967→1969	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
		R	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684			
				2	17663	330	343	127	9,5			93684			
K1000	1966→1967	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
K1100															
K2011	1976→1980														
K2211	1976→1986														
K2413															
KP700	1968→1975														
KP900	1966→1967														
KP950	1968→1975														
KR900	1966→1967														
KT900															
LP850	1968→1975														
KN800 (D407)	1966→1968	R	**K19072.0**	4	19072	394	360	152	12,7	air/hydraulic system	**48**	93684			

Karrier

Bantam FB3	1966→1968	F	**K15789.0**	4	15789	300	300	76	9		**48**				
		R	**K17556.0**	2	17558	308	280	101	7,9		**48**				
				2	17556	308	321	101	7,9						
Gamecock 4/5 ton	1967→1976	F	**K17555.0**	4	17555	330	299	101	9,5		**48**				
		R	**K17556.0**	2	17558	308	280	101	7,9		**48**				
				2	17556	308	321	101	7,9						
		R	**K17662.0**	2	17662	330	300	127	9,5	17" wheels	**52**	93684			
				2	17663	330	343	127	9,5			93684			

Kerax

260, 300, 340, 385	1997→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

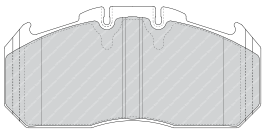
Magnum DXi Series

440.18/24/26, 480.18/24/26 series	10/04→04/06	F	**FCV4378BFE**	4	29218		249.6	109.5	29	Meritor Elsa225-3				FAI169	
440.18/24/26, 480.18/24/26 series		R	**FCV4170B**	4	29177		210	102.6	29	Meritor VGT195 - LIFT AXLE					

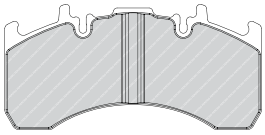
Magnum E.Tech

E.Tech 400 - 440- 480	05/00→	F	**FCV1653BFE**	4	29156	434	250	118	30					FAI163	**FCR244A**
		R	**FCV1653BFE**	4	29156	434	250	118	30					FAI163	**FCR245A**

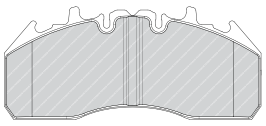
FCV1653BFE
4572 MER D-ELSA2



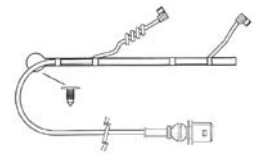
FCV4170B
4572 MER VGT195



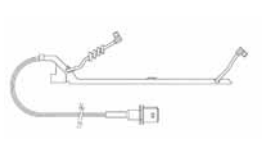
FCV4378BFE
4567 MER Elsa225-3



FAI163 ↔ 355mm
2



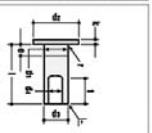
FAI169 ↔ 355mm
2



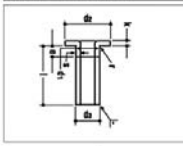
		∅	A	B	C	D		Kg		ABS
FCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0		
FCR245A		434	45.0	38.0	160	224	12xM14	47.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

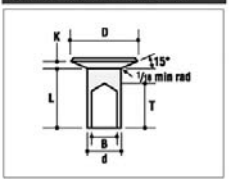
Type B – Semi-Tubular Rivet

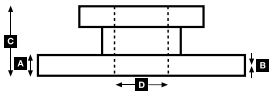


Type C – Tubular Rivet

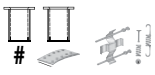


Type A – Semi Tubular Rivets










...RENAULT TRUCKS

Magnum/AE Series

AE380, 385ti, 390, 500, 520, 560 - 4x2, 6x2, 6x4	→12/92	F	**FCV769**	4	29043	440	204	97	24					FAI109/FAI111	**FCR128A**
AE380, 385ti, 390, 420ti, 430, 470, 500, 520, 560 - 4x2, 6x2, 6x4	01/93→06/95	F	**FCV1585BFE**	4	29210	434	250	118	28					FAI101	**FCR244A**
	07/95→		**FCV1047B**	4	29090	438	250	114	28	→05/00				FAI116	**FCR134A**
			FCV1585BFE	4	29210	434	250	118	28	06/00→				FAI117	**FCR244A**
AE380, 385ti, 390, 420ti, 430, 470, 500, 520, 560 - 4x2, 6x2, 6x4	06/00→	F	**FCV1653BFE**	4	29156	434	250	118	30					FAI163	**FCR244A**

Magnum/AE Series

AE500, 520, 560	→12/92	R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
AE420ti, 430, 470 AE500, 520, 560	01/93→12/95	R	**K19187.0**	8	19187	414	187	220	18,5		64	93059			
		R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
AE420ti, 430, 470 (6x2) AE500, 520, 560 (6x2)	01/93→12/95	R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19187.0	8	19187	414	187	220	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19187.0	8	19187	414	187	220	18,5		64	93059			
AE500, 520, 560 (6x2)	01/96→	R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19187.0	8	19187	414	187	220	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19187.0	8	19187	414	187	220	18,5		64	93059			
AE420ti, 430, 470 (6x4)	01/93→12/95	R1	**K19934.0**	8	19934	414	187	150	18,5	Single wheels	64	93059			
			K19935.0	8	19935	414	187	175	18,5	Twin wheels	64	93059			
		R2	**K19934.0**	8	19934	414	187	150	18,5	Single wheels	64	93059			
			K19935.0	8	19935	414	187	175	18,5	Twin wheels	64	93059			
AE500, 520, 560 (6x4)	01/96→	R1	**K19934.0**	8	19934	414	187	150	18,5	Single wheels	64	93059			
			K19935.0	8	19935	414	187	175	18,5	Twin wheels	64	93059			
		R2	**K19934.0**	8	19934	414	187	150	18,5	Single wheels	64	93059			
			K19935.0	8	19935	414	187	175	18,5	Twin wheels	64	93059			

Major/R Series

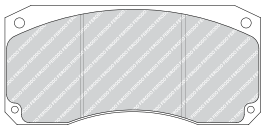
R340ti, R350, R380, R385ti, R420 + TI (907493)	1990→10/93	F	**FCV769**	4	29043	440	204	97	24					FAI109/FAI111 FAI109/FAI111	**FCR128A**
R340ti, R385ti, R420ti	11/93→	F	**FCV1585BFE**	4	29210	434	250	118	28					FAI101 →12/95 FAI117 01/96→	**FCR244A**

Major/R Series

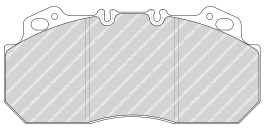
R310	1980→1984	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
R360	1980→1983			2	19199	414	286	150	12,5			93049			
R370	1983→1984	R	**K19657.0**	4	19463	414	374	175	13,5		72	93059			
			K19919.0*	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4 / Opt (6x4)	72	93059			
R310	1985→05/90	F	**K19934.0***	8	19934	414	187	150	18,5		64	93059			
R330	1989→	R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
R340	1986→1990														
R365	1987→1990														
R370	1984→														
R390	1985→														
R420ti	1990→04/93														
R310, 340, 365, 370, 390 (6x2)	1984→	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
R420 (6x2)	1988→	R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			

FERODO

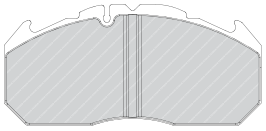
FCV769
3422 MER D2



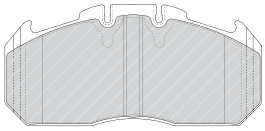
FCV1047B
4572 MER D-LISA



FCV1585BFE
4572 MER D3/D-ELSA 1



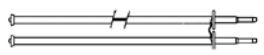
FCV1653BFE
4572 MER D-ELSA2



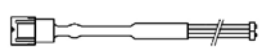
FAI101 ↔ 365mm
2



FAI109 ↔ 420mm
2



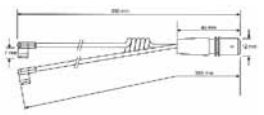
FAI111 ↔ 580mm
2



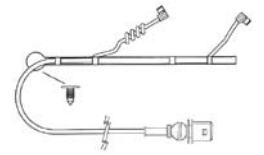
FAI116 ↔ 226mm
2



FAI117 ↔ 400mm
2



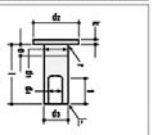
FAI163 ↔ 355mm
2



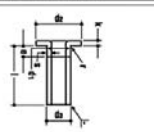
		∅	A	B	C	D		Kg		ABS
FCR128A		440	44.4	39.0	100	131	10x17.2 2xM14	29.0		
FCR134A		438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3		
FCR244A		434	45.0	38.0	97	131	10x17 2xM14	33.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

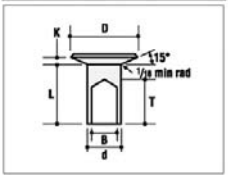
Type B – Semi-Tubular Rivet

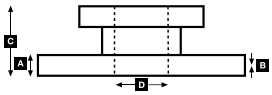


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...RENAULT TRUCKS

...Major/R Series

R310.26T (6x4)	→08/84	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
R360.26T (6x4)	→1983			2	19199	414	286	150	12,5			93049			
R370.26T (6x4)	→08/84	R1	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R2	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
R310.26T (6x4)	09/84→	F	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
R340.26T (6x4)	1985→1988	R1	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
R365.26T (6x4)	10/87→1988	R2	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
R370.26T (6x4)	09/84→														
R390.26 (6x4)	05/85→														
R420.26 (6x4)	→1988														
R310.33T (6x4)	→08/84	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
R360.33T (6x4)	→1983			2	19199	414	286	150	12,5			93049			
R370.33T (6x4)	→08/84	R1	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
		R2	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
R310.33T (6x4)	09/84→	F	**K19934.0**	8	19934	414	187	150	18,5		**64**	93059			
R340.26T (6x4)	1989→	R1	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
R340.33T (6x4)	1985→	R2	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
R365.26T (6x4)	1989→														
R365.33T (6x4)	1987→														
R370.33T (6x4)	09/84→														
R380 (6x4)	1990→														
R390.33 (6x4)	05/85→														
R420.26 (6x4)	1989→														
R420.33 (6x4)	1988→														
R6X4TS	1990→10/93														
R385ti	1990→	F	**K19934.0**	8	19934	414	187	150	18,5	Opt.	**64**	93059			
		R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	**80**	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	**80**	93058			
			K19935.0	8	19935	414	187	175	18,5		**64**	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	**80**	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	**80**	93058			
			K19935.0	8	19935	414	187	175	18,5		**64**	93059			
R380	1989→	F	**K19934.0**	8	19934	414	187	150	18,5	Opt.	**64**	93059			
			K19935.0	8	19935	414	187	175	18,5	Opt.	**64**	93059			
		R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
R6X4TS	11/93→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R1	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R2	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

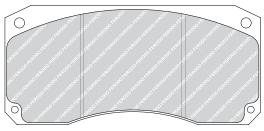
Manager/G Series

G260, 290 (6x2)	07/87→	F	**FCV769**	4	29043	440	204	97	24					FAI109/FAI111	**FCR128A**
G200, 220, 230, 230ti, 270, 280, 300, 330, 340ti - 17/18/19	01/93→		**FCV1585BFE**	4	29210	434	250	118	28					FAI101 →12/95 FAI117 01/96→	**FCR244A**

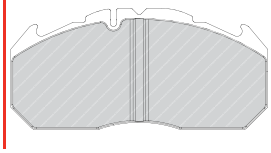
Manager/G Series

G160	1990→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
G200		R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
G210 (20M)	1992→														
Maxter G230ti, 235, 270, 280	1990→														
Maxter G300, 340ti															

FCV769
3422 MER D2



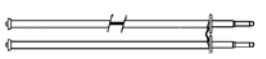
FCV1585BFE
4572 MER D3/D-ELSA 1



FAI101 ↔ 365mm
2



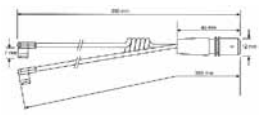
FAI109 ↔ 420mm
2



FAI111 ↔ 580mm
2



FAI117 ↔ 400mm
2



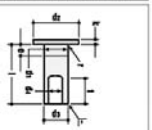


FCR128A

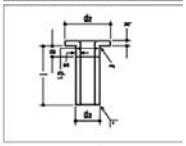
∅	A	B	C	D		Kg	ABS
440	44.4	39.0	100	131	10x17.2 2xM14	29.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

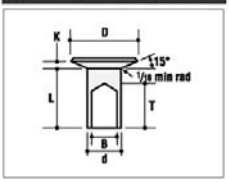
Type B – Semi-Tubular Rivet

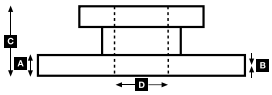


Type C – Tubular Rivet



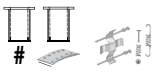
Type A – Semi Tubular Rivets













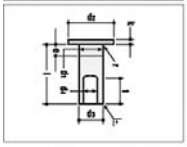
...RENAULT TRUCKS

...Manager/G Series

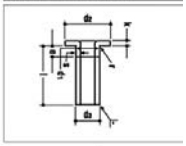
G170	10/88→	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
G210.15, 17T		R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G210 BOM, 19T	03/86→														
G210.19 Turbo	04/86→														
G220.17 BOM	1992→														
G230.15, 17T	10/88→														
G230.19 T	04/86→														
G260 (11-17T)	10/88→														
G260 BOM, 19T, GT	03/86→														
G280	→03/90														
G290 (16/17T)	10/88→														
G290.19GT	03/86→														
G290.24 (6x2)	07/87→														
G290.26 (6x2, 6x4), Turbo Intercooler															
G290.30															
G300	→03/90														
G320 17, 19, 24, 26	1988→														
G330, 340ti	→03/90														
G170	1986→09/88	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
G170.15	1986→1988	R	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
G210.15, 17T	03/86→09/88														
G230.15, 17T, SP Turbo															
G260 (11-17T)															
G290 (16/17T)															
G170.13, 15A	→1988	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		96	93049			
G260 (11-15T) Rigid	→09/84			2	17747	414	345	125	12,5			93049			
G260 (15T) Tractor	→10/83	R	**K19919.0***	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4	72	93059			
G170.16	→1986	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
G210 (11-17T)	1983→02/86			2	19199	414	286	150	12,5			93049			
G230 (11-17T)		R	**K19919.0***	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4	72	93059			
G230.17	1983→03/86														
G260 (11-15T) Rigid	10/84→02/86														
G260 (15T) Tractor	11/83→02/86														
G260 (16/17T)	1983→02/86														
G290 (16/17T)															
G200.17/18	04/90→	F	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G230.17		R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G230.18															
G230.19															
G210 BOM, 19T	1983→02/86	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
G260 BOM, 19T, GT	→02/86			2	19199	414	286	150	12,5			93049			
G290.19, A, GT		R	**K19657.0**	4	19463	414	374	175	13,5		72	93059			
			K19919.0*	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4 / Opt (6x4)	72	93059			
G220.19 BOM	1992→	F	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
		R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G230.19 T	1983→02/86	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19657.0**	4	19463	414	374	175	13,5		72	93059			
			K19919.0*	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4 / (6x4)	72	93059			
G230ti	04/90→12/92	F	**K19935.0**	8	19935	414	187	175	18,5	Opt.	64	93059			
G270	→12/92	R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G280	04/90→12/92														
G300															
G330, 340ti															
G230ti	01/93→	F	**K19935.0**	8	19935	414	187	175	18,5	Opt.	64	93059			
G270		R	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G280															
G300															
G330, 340ti															
G260, 290 (6x2)	07/87→	R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

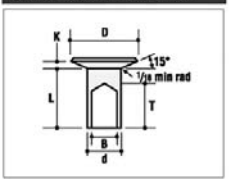
Type B – Semi-Tubular Rivet

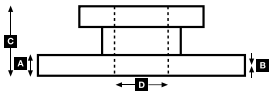


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...RENAULT TRUCKS

...Manager/G Series

G260, 290 (6x4)	03/86→12/88	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
		R1	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
		R2	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
G260, 290 (6x4)	1983→02/86	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R1	**K19919.0***	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4	72	93059			
		R2	**K19919.0***	4	19919	414	371	150	13,0	*use 19 919 13,00 60 4	72	93059			
G280, 300, 330, 340ti	01/93→	F	**K19935.0**	8	19935	414	187	175	18,5	Opt.	64	93059			
		R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
G280, 300, 330, 340ti	04/90→12/92	F	**K19935.0**	8	19935	414	187	175	18,5	Opt.	64	93059			
		R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
G290	01/89→	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
		R1	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
		R2	**K19935.0**	8	19935	414	187	175	18,5		64	93059			
G320 (6x2)	1988→	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
		R1	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19094.0	8	19094	420	202	200	▶17,8	Lift axle with twin wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			
		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Lift axle with single wheels	80	93058			
			K19935.0	8	19935	414	187	175	18,5		64	93059			

Midliner/C Series

10 - 13 to (40C)	06/00→	F	**FCV1046**	4	29097	354	180	86	21						**FCR126A**
		R	**FCV1046**	4	29097	354	180	86	21						**FCR126A**

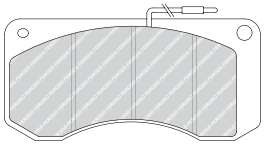
Midliner/M Series

M 120/140/150/160/180/200/ 210/230 .12/13,	1989→12/94	F	**FCV668**	4	29013	354	183	87	21						**FCR126A**
PA / M 120/140/ 160/180kW	01/95→		**FCV1046**	4	29097	354	180	86	21	→12/97					**FCR126A**

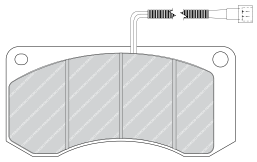
Midliner/M Series

M120/140.12, 13	1989→12/94	R	**K19255.0**	2	19255	360	256	170	16		80	93234			
M150.12, 13	1990→12/94			2	19259	360	349	170	▶17,5			93059			
M150.12, 13	01/95→	R	**K19255.0**	2	19255	360	256	170	16		80	93059			
				2	19259	360	349	170	▶17,5			93059			
M150.14	1989→	F	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
M160.15		R	**K19934.0**	8	19934	414	187	150	18,5		64	93059			
M180.15, 16			**K19935.0**	8	19935	414	187	175	18,5	Opt.	64	93059			
M200.15, 16															
M210.14, 15, 16															
M230.15, 16															
M250.15, 16	1996→														
PA160/180 Maroc (15/16T)	1989→														
M180.12, 13	1990→12/94	R	**K19255.0**	2	19255	360	256	170	16		80	93059			
M200.12, 13				2	19259	360	349	170	▶17,5			93059			
M210.13	1989→12/94														
M230.13															
PA160/180 Maroc	1991→12/94														
M230.12, 13	01/95→	R	**K19255.0**	2	19255	360	256	170	16		80	93059			
M250.12, 13	1996→			2	19259	360	349	170	▶17,5			93059			

FCV668
4550 S.E.E. 2 x 67



FCV1046
4550 S.E.E. 2 x 67

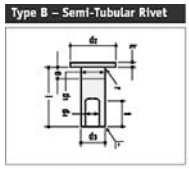




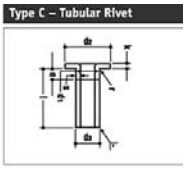
	∅	A	B	C	D		Kg	ABS
FCR126A	354	30.0	26.0	82	128	10x12.4	14.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

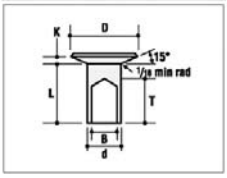
Type B – Semi-Tubular Rivet

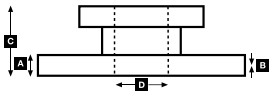


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...RENAULT TRUCKS

Midliner/S Series

S12, S13	1987→1990	F	FCV668	4	29013	354	183	87	21						FCR126A
S130.11/BOM, S130 13.14, S150 .11/13/14	→04/86	F	FCV668	4	29013	354	183	87	21						FCR126A
S130/150 .13/14, S150/170 .11/13	05/86→	F	FCV668	4	29013	354	183	87	21						FCR126A
S130 .11/13/14, 150 .11/13/14 ti, S170 .11/13	05/86→	F	FCV1046	4	29097	354	180	86	21						FCR126A
S 120/135/140/150/180/ 210 .07/08A (40K) 82-88kW	1990→	F	FCV879	4	29065	304	175	86	22					FAI100	FCR174A
S 120/135/140/160/180 .09/10B (40N) 88kW	1990→	F	FCV733	4	29067	322	176	79	22					FAI100	FCR175A
S 160.06/08 (40K) 88kW	1990→	F	FCV879	4	29065	304	175	86	22						FCR174A
S 150/210 .09/B, 10/B 88kW	1993→	F	FCV733	4	29067	322	176	79	22						FCR175A

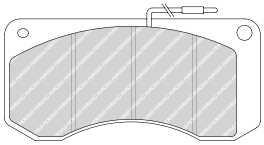
Midliner/S Series

S08.130, 150	1987→1990	F	K17827.0*	2	17827	325	251	120	12,5	* use J1227928	60				
S90 all 66kW /90PS	05/83→04/87			2	17828	325	210	120	12,5						
S100.09 (all) 73kW /100PS	07/86→	R	K19620.0	2	19621	325	251	150	12,5		64				
S130.08A, 08A/R, 08B, 08R 96kW /130PS	05/83→			2	19620	325	210	150	12,5						
S130.09A, 09/A, 09R 96kW /130PS	10/86→														
S150.08, 09 TI A/R 110kW /150PS	1985→														
S12, 13	1987→1990	R	K19255.0	2	19255	360	256	170	16		80	93234			
				2	19259	360	349	170	▶17,5			93059			
S100.06, 07, 08	03/86→	F	K17829.0*	2	17829	310	245	100	10,0	* use J1228928	56	93038			
S110.06, 07, 08				2	17830	310	209	100	10,0			93038			
S130.06, 07, 08	09/87→	R	K17831.0*	2	17832	310	245	125	10,0	* use J1229928	64	93038			
				2	17831	310	209	125	10,0			93038			
S120.07, 08 (40K)	1990→	F	K17829.0*	2	17829	310	245	100	10,0	Opt./* use J1228928	56	93038			
				2	17830	310	209	100	10,0			93038			
		R	K17832.0*	2	17832	310	245	125	10,0	Opt./* use J1229928	64	93038			
				2	17831	310	209	125	10,0	Opt.		93038			
S120.09 (40N)	1990→	F	K17827.0*	2	17827	325	251	120	12,5	Opt./* use J1227928	60				
				2	17828	325	210	120	12,5						
		R	K00351.0	4	19709	325	249	150	14		72				
			K19620.0	2	19621	325	251	150	12,5	Opt.	64				
				2	19620	325	210	150	12,5						
S120.09/B	1993→	R	K00351.0	4	19709	325	249	150	14		72				
S150.11ti	05/86→	R	K19255.0	2	19255	360	256	170	16		80	93059			
S150.13ti, Citerne, BOM, 14ti				2	19259	360	349	170	▶17,5			93059			
S150.09/B, 10/B 110Kw/150ps	1993→	R	K00351.0	4	19709	325	249	150	14		72				
S170.11, 13, 14, 14BOM	1988→		K19049.0*	2	19049	414	347	150	12,5	Opt 7/83→ /* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
S140.07, 08 (40K)	1990→	F	K17829.0*	2	17829	310	245	100	10,0	Opt./* use J1228928	56	93038			
S160.06, 07, 08 (40K)				2	17830	310	209	100	10,0			93038			
		R	K17832.0*	2	17832	310	245	125	10,0	Opt./* use J1229928	64	93038			
				2	17831	310	209	125	10,0			93038			
S160.09 (40N)	1990→	F	K17827.0*	2	17827	325	251	120	12,5	Opt./* use J1227928	60				
				2	17828	325	210	120	12,5						
S160.09 (40N)	1993→	R	K00351.0	4	19709	325	249	150	14		72				
			K19620.0	2	19621	325	251	150	12,5	Opt.	64				
				2	19620	325	210	150	12,5						
S180.09/B, S210.09/B, 10B	1992→	R	K00351.0	4	19709	325	249	150	14		72				
S170 (SH), 14BOM (SP) TI		F	17 747 12,50 60 3	2	17748	414	284	125	12,5		96	93049			
S220ti				2	17747	414	345	125	12,5			93049			
		R	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

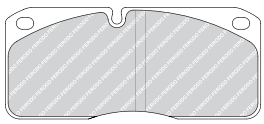
Midlum Series

135; 150; 180; 210; 220; - 7, 8 , 9, 10, 12B/C (17.5" wheel size) 100-195kW	03/00→	F	FCV1279	4	29088	330	176	83	26	FAC173(SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI151	FCR218A
		R	FCV1279	4	29088	330	176	83	26	FAC173(SPRINGS)/FAC169(FORKS), with ABS			FAC173/FAC169	FAI151	FCR219A
210; 220; 250 ;270; - 12, 14, 16, 18 (19.5" wheel size) 154-195kW	03/01→	F	FCV1389	4	29142	380 375	204.6	99.6	30	FAC168 (SPRINGS)/FAC170 (FORKS) Opt			FAC168/FAC170	FAI166	FCR185A FCR242A
		R	FCV1389	4	29142	375 375	204.6	99.6	30	FAC168 (SPRINGS)/FAC170 (FORKS) Opt			FAC168/FAC170	FAI166	FCR220A FCR243A

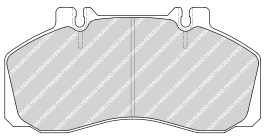
FCV668
4550 S.E.E. 2 x 67



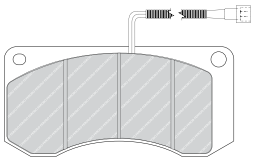
FCV733
3475 MER 2x68



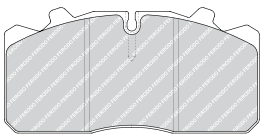
FCV879
3475 MER 2x60



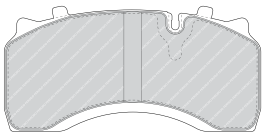
FCV1046
4550 S.E.E. 2 x 67



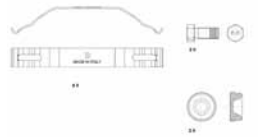
FCV1279
4551 WAB PAN 17



FCV1389
4572 WAB PAN 19-2



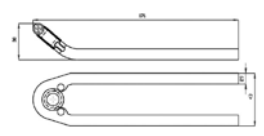
FAC168 ↔



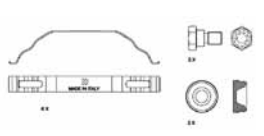
FAC169 ↔



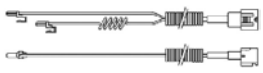
FAC170 ↔



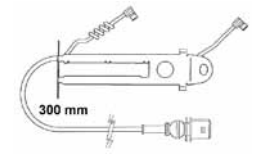
FAC173 ↔



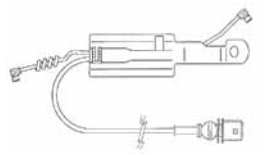
FAI100 ↔ 885mm
2



FAI151 ↔ 300mm
2



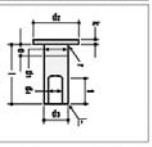
FAI166 ↔ 450mm
2



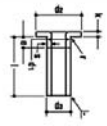
		∅	A	B	C	D		Kg		ABS
FCR126A		354	30.0	26.0	82	128	10x12.4	14.2		
FCR174A		304	30.0	27.8	134.5	250	6x21	15.0		
FCR175A		322	30.0	27.8	140	290	6x21	18.0		
FCR185A		380	45.0	38.0	85	117	10x15 2xM14	22.9		
FCR218A		330	34.0	30.0	80	95	10x15 2xM12	15.0		
FCR219A		330	34.0	28.0	137	194	6x21	20.0		✓
FCR220A		375	45.0	38.0	167	222	8x22.5	30.2		✓
FCR242A		375	45.0	38.0	99	168	10x15 2xM14x2	23.8		
FCR243A		375	45.0	38.0	166	262	10x33	31.1		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

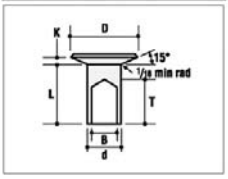
Type B – Semi-Tubular Rivet

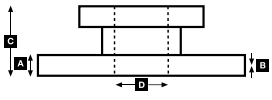


Type C – Tubular Rivet



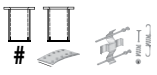
Type A – Semi Tubular Rivets













...RENAULT TRUCKS

New Magnum DXi Series

460.18/24/25/26, 500.18/24/25/26 series	05/06→	F	**FCV4378BFE**	4	29218		249.6	109.5	29	Meritor Elsa225-3				FAI169	
		R	**FCV4170B**	4	29177		210	102.6	29	Meritor VGT195 - LIFT AXLE				FAI169	

New Midlum Series

160.12, 190.12/13/14/16, 220.12/13/14/16, 240.12/13/14/16/18, 280.12/13/14/16/18 series fitted with Meritor Elsa225-1 caliper	05/06→	F	**FCV4377B**	4	29203	375	216	99.6	29	19.5" wheel size				FAI169	**FCR242A**
		R	**FCV4377B**	4	29203	375	216	99.6	29	19.5" wheel size				FAI169	**FCR243A**

New Midlum Series Dxi

160.12, 190.10, 220.10	05/06→	F	**FCV1815BFE**	4	29207		210	92	30					FAI175	
		R	**FCV1815BFE**	4	29207		210	92	30					FAI175	

Premium Distribution

210.16, 210.18D, 250.16, 250.18D, 250.19,260.16, 260.18, 260.19, 300.16D, 300.16T, 300.18D, 300.18D/T, 300.19, 300.19D/T, 300.26D, 340.18D, 340.18D/T, 340.19D, 340.19D/T, 340.26D, 385.18, 385.19, 385.24, 385.26D/T, 400.18, 400.19, 400.24, 400.26D/T	04/96→06/98	F	**FCV1585BFE**	4	29210	434	250	118	28	→06/98				FAI117	**FCR244A**
			FCV1047B	4	29090	438	250	114	28	07/98→07/00				FAI116	**FCR134A**
			FCV1653BFE	4	29156	434	250	118	30	08/00→				FAI163	**FCR244A**
		R	**FCV1585BFE**	4	29210	434	250	118	28	→06/98				FAI117	**FCR245A**
			FCV1047B	4	29090	438	250	114	28	07/98→07/00				FAI116	**FCR134A**
			FCV1653BFE	4	29156	434	250	118	30	08/00→				FAI163	**FCR245A**

Premium Route

300 .18/T, 320.18, 340 .18/T, 340.26, 370 .18/24/26, 385 .18/24-T, 385.26, 400 .18/24-T, 400.26, 420 .18/T, 420 .24/25/26	04/96→06/98	F	**FCV1585BFE**	4	29210	434	250	118	28	→06/98				FAI117	**FCR244A**
			FCV1047B	4	29090	438	250	114	28	07/98→07/00				FAI116	**FCR134A**
			FCV1653BFE	4	29156	434	250	118	30	08/00→				FAI163	**FCR244A**
		R	**FCV1585BFE**	4	29210	434	250	118	28	→06/98				FAI117	**FCR245A**
			FCV1047B	4	29090	438	250	114	28	07/98→07/00				FAI116	**FCR134A**
			FCV1653BFE	4	29156	434	250	118	30	08/00→				FAI163	**FCR245A**

Premium:

210 250 260 300 340 385	1996→7/00	R	**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			

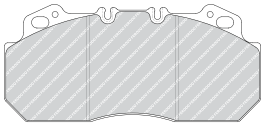
Premium 2 (Distribution/Route)

Distribution 280.18/26, 320.18/26, 370.18/26, 410.18/26, 450.18, Route 410.18/24/25/26, 410.25/26 Pusher, 450.18/24/25/26, 450.25/26	10/05→	F	**FCV4378BFE**	4	29218		249.6	109.5	29	22.5" wheel size, Elsa225-3 caliper				FAI169	
		R	**FCV4378BFE**	4	29218		249.6	109.5	29	22.5" wheel size, Elsa225-3 caliper				FAI169	
			FCV4170B	4	29177		210	102.6	29	Meritor VGT195 - LIFT AXLE				FAI169	

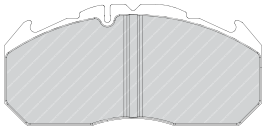
Saviem

HB15, B	1978→1980	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
HB26BT, T				2	17747	414	345	125	12,5			93049			
HF15, B		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
HF26BT, CT, ET, T				2	19199	414	286	150	12,5			93049			
SM8-15	1976→1977														
HB17B, BOM, C, CIT	1978→1980	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
HF17B, C, CIT				2	19199	414	286	150	12,5			93049			
HF26		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
HB19	1978→1980	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
HF19, B				2	19199	414	286	150	12,5			93049			
PX28/30/40, T	1979→1981	R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
HF26V, 6x4	1978→1980	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R1	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R2	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
JK60, 62, 65, 75	1975→1986	F	**K17829.0***	2	17829	310	245	100	10,0	* use J1228928	**56**	93038			
				2	17830	310	209	100	10,0			93038			
		R	**K17831.0***	2	17832	310	245	125	10,0	* use J1229928	**64**	93038			
				2	17831	310	209	125	10,0			93038			

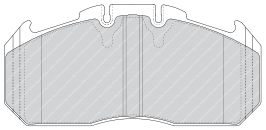
FCV1047B
4572 MER D-LISA



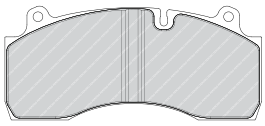
FCV1585BFE
4572 MER D3/D-ELSA 1



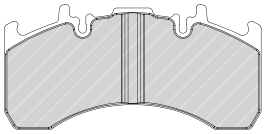
FCV1653BFE
4572 MER D-ELSA2



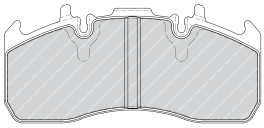
FCV1815BFE
4581 HAL DB19



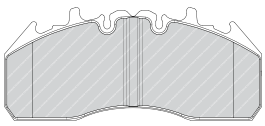
FCV4170B
4572 MER VGT195



FCV4377B
4567 MER Elsa225-1



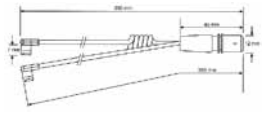
FCV4378BFE
4567 MER Elsa225-3



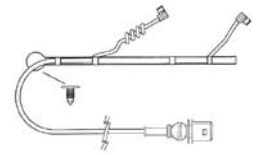
FAI116 ↔ 226mm
2



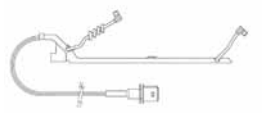
FAI117 ↔ 400mm
2



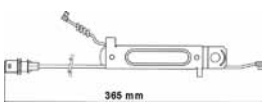
FAI163 ↔ 355mm
2



FAI169 ↔ 355mm
2



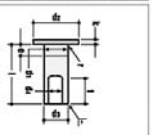
FAI175 ↔ 365mm
2



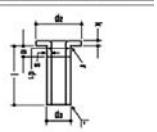
	∅	A	B	C	D		Kg	ABS
FCR134A	438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3	
FCR242A	375	45.0	38.0	99	168	10x15 2xM14x2	23.8	
FCR243A	375	45.0	38.0	166	262	10x33	31.1	
FCR244A	434	45.0	38.0	97	131	10x17 2xM14	33.0	
FCR245A	434	45.0	38.0	160	224	12xM14	47.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

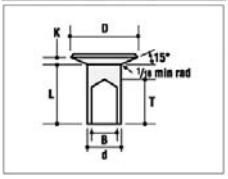
Type B – Semi-Tubular Rivet

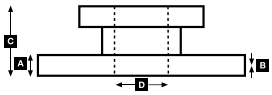


Type C – Tubular Rivet



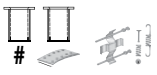
Type A – Semi Tubular Rivets













...RENAULT TRUCKS

...Saviem

JN60, 75, 80, 85, 90	1975→1983	F	**K17827.0***	2	17827	325	251	120	12,5	* use J1227928	60				
				2	17828	325	210	120	12,5						
		R	**K19620.0**	2	19621	325	251	150	12,5		64				
				2	19620	325	210	150	12,5						
JP21, 130, JR19	1975→1986	F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	64				
PR40, T, V8VT	1978→	F	**K19486.9**	8	19494	410	175	163	▶17,0		64	93059		FAI205	
PS30, T, V8VT		R	**K19487.9**	8	19495	410	177	183	▶17,0		64	93059			
SM340	1974→1979														
SM10	→1978	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0		64	93058			
SM12, 13	→1979	F	**K19486.9**	8	19494	410	175	163	▶17,0		64	93059		FAI205	
SM170, 190M, 200M															
SM240, 260, 280TU, 300															
SM21/180, 240	→1979	F	**17 238 17,00 00 8**	8	17238	410	175	143	▶17,0		64	93058			
SM170PE	→1977	R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
SM260TPE	→1979			2	19199	414	286	150	12,5			93049			
SM8T	→1978	R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

Series 50 (Dodge)

S35	1987→1993	F	**FVR836**	4	20904	298	127	71	18						

Series 50 (Dodge)

S35	1979→1987	R	**K15837.0**	2	15838	308	278	76	6/5	Opt.	52				
				2	15837	308	318	76	9,9/8,5						
S46, 56	1979→1987	F	**K15789.0**	4	15789	300	300	76	9		48	93684			
		R	**K15837.0**	2	15838	308	278	76	6/5	Opt.	52				
				2	15837	308	318	76	9,9/8,5						
S66, S75	1979→1987	F	**K15789.0**	4	15789	300	300	76	9		48				
		R	**K17556.0**	2	17558	308	280	101	7,9		48				
				2	17556	308	321	101	7,9						

Series 50 (Dodge):

S75.110	1989→1993	F	**K17217.0**	4	17217	330	295	125	11,7		48	93684			
S75.90															

Special Vehicles

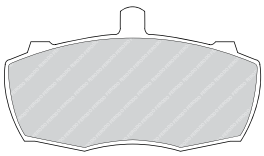
75.130 (4x4)	1981→	F	**K17017.0**	8	17017	360	173	143	▶16,0	Opt.	64	93058			
85.150, Turbo, TI (4x4)	1984→1990	R	**K19255.0**	2	19255	360	256	170	16	Opt.	80	93059			
				2	19259	360	349	170	▶17,5			93059			
85.150TI (4x4)	1991→	F	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			
110.150TI, 170TI (4x4)		R	**K19255.0**	2	19255	360	256	170	16		80	93234			
ME/SE/CE 160 , 180 (4X4)				2	19259	360	349	170	▶17,5			93059			
M180FTP		F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		96	93049			
ME/SE/CE 160 15t				2	17747	414	345	125	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
ME/SE/CE 160 , 180 13st		F	**K17804.0***	4	17804	394	354	127	12,7	* use J1287928	64				
S170 (4X4)		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

SAURER

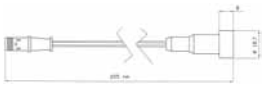
All

4 DF, 4 VF, 5 DF (Perrot-Bremse)	1973→	F	**17 340 10,00 60 4**	4	17340	400	329	140	10,0		48	93058			
		R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
D 180, D 230	1976→	F	**17 340 14,00 86 4**	4	17340	408	329	140	14,0		48	93067			
		R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
D 250, D 290, D 330	1976→	R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			

FVR836
3440 LKD

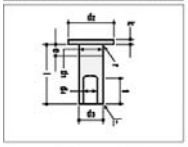


FAI205 ↔ 210mm
2

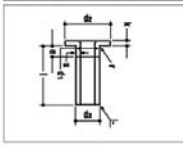


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

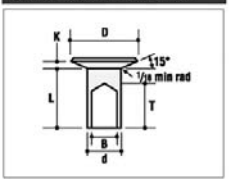
Type B – Semi-Tubular Rivet

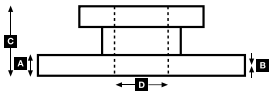


Type C – Tubular Rivet

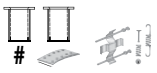


Type A – Semi Tubular Rivets









SCAMMELL

Contractor

All	1979→1987	F	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**	93686			
		R1	**K19365.0**	4	19366	419	189	203	▶19,3		**96**	93685			
				4	19365	419	192	203	▶18,7			93685			
		R2	**K19365.0**	4	19366	419	189	203	▶19,3		**96**	93685			
				4	19365	419	192	203	▶18,7			93685			

Handyman IV

All	1969→1980	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Routeman 3 (28 ton)

	1974→1987	F1	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		F2	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

SCANIA

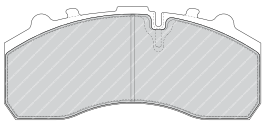
4-Series

94,114,124,144,164	1996→	F	**FCV1373DFE**	4	29179	430	248	109	30					FAI141	**FCR170A**
		R	**FCV1373DFE**	4	29179	430	248	109	30					FAI141	**FCR170A**

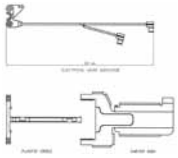
Build series 4:

94 C/310 228kW /310PS	08/96→	F	**K19931.0**	4	19931	413	235	178	19,0	7" brake Opt.	**64**	93280			
94 D/220 162kW /220PS			**K19932.0**	4	19932	413	235	203	19,0	8" brake Opt.	**64**	93280			
94 D/310 228kW /310PS	12/96→	R	**K17991.0***	4	17991	413	235	127	19,0	*use 17 991 19,00 00 4, 5" brake Opt.	**32**	93280			
94 G/220 162kW /220PS	08/96→		**K19932.0**	4	19932	413	235	203	19,0	8" brake Opt.	**64**	93280			
94 G/260 191kW /260PS			**K19933.0**	4	19933	413	235	254	19,0	10" brake Opt.	**64**	93280			
94 G/310 228kW /310PS															
94 L/310 228kW /310PS															
114 C/340 250kW /340PS	05/96→														
114 C/380 280kW /381PS	03/98→														
114 G/340 250kW /340PS	05/96→														
114 G/380 280kW /381PS	03/98→														
114 L/340 250kW /340PS	05/96→														
114 L/380 280kW /381PS	03/98→														
124 C/360 265kW /360PS	09/96→														
124 C/400 294kW /400PS															
124 G/360 265kW /360PS	05/96→														
124 G/400 294kW /400PS															
124 L/360 265kW /360PS	09/96→														
124 L/400 294kW /400PS															
124 L/420 309kW /420PS	09/97→														
144 C/460 338kW /460PS	09/96→														
144 C/530 390kW /530PS															
144 G/460 338kW /460PS	04/96→														
144 G/530 390kW /530PS															
144 L/460 338kW /460PS	11/95→														
144 L/530 390kW /530PS															
T 114 G/340 250kW /340PS	05/96→														
T 114 L/340 250kW /340PS															
T 124 G/360 265kW /360PS	03/97→														
T 124 G/400 294kW /400PS															
T 124 L/360 265kW /360PS	02/97→														
T 124 L/400 294kW /400PS															
T 144 G/460 338kW /460PS	03/97→														
T 144 G/530 390kW /530PS															
T 144 L/460 338kW /460PS															
T 144 L/530 390kW /530PS															

FCV1373DFE
7083 KNR SB/SN7....



FAI141 ↔ 310mm
2

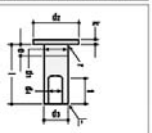




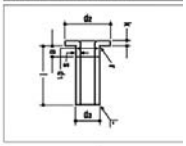
	∅	A	B	C	D		Kg		ABS
FCR170A	430	45.0	37.0	131	208	10xM16	29.5		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

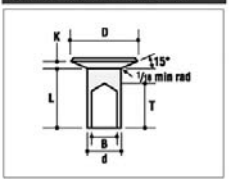
Type B – Semi-Tubular Rivet

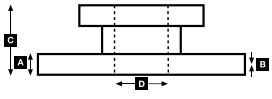


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...SCANIA

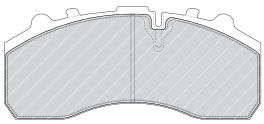
G, P, R, T-Series:

G230, G270,G310, G340, G360, G380,G400, G420, G440, G480,P230, P260, P270, P280, P300, P310, P340, P360, P380,P400, P420, P470, P480, P500, P560, P580, P620, R340, R380, R400,R420, R440, R470, R480, R500, R560, R580, R620, R730, T470	2004→	F	**FCV1373DFE**	4	29179	430	248	109	30					FAI141	**FCR170A**
		R	**FCV1373DFE**	4	29179	430	248	109	30					FAI141	**FCR170A**

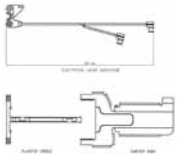
G, P, R, T-Series:

G 82 M (6x2)	1981→1988	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
P 82 M (6x2)		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
P 112 M (6x2)			**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
R 112 M (6x2)															
R 142 M (6x2)															
G 82 M, MD (4x2)	1981→1988	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
G 112 M (4x2)		R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
P 82 M (6x4)															
P 82 M, MA (4x2)															
P 112 M (6x4)															
P 112 M, MA (4x2)															
R 112 M (6x4)															
R 112 M, MA (4x2)															
R 142 M (6x4)															
R 142 M, MA (4x2)															
T 82 M (4x2)															
T 112 H (6x4)	1980→														
T 112 M (4x2)	1981→1988														
T 142 E (6x4)	1980→														
G 92 M (6x2)	1984→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
P 92 M, H (6x2)		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
T 92 H (6x2)			**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
G 92 M, MD (4x2)	1984→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
P 82 H (4x2)	1981→1988	R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
P 92 M, MA (4x2)	1984→1988														
P 112 H (4x2)	1981→1988														
P 112 H, E (6x4)															
R 112 H, E (4x2)															
R 112 H, E (6x4)															
R 142 H (4x2)															
R 142 H, E (6x4)															
R 143 MA Intercooler	1983→														
T 82 H (4x2)	1980→														
T 112 H (4x2)	1980→														
T 112 H, E (4x2)	1981→1988														
T 112 H, E (6x4)															
T 142 E (6x4)															
T 142 H (4x2)															
G 93 E, H, M	1988→	F	**K17991.0***	4	17991	413	235	127	19,0	*use 17 991 19,00 00 4, 5" brake	**32**	93280			
G 113 E, H, M			**K19931.0**	4	19931	413	235	178	19,0	7" brake	**64**	93280			
G 143 E, H, M		R	**K19932.0**	4	19932	413	235	203	19,0	8" brake	**64**	93280			
P 93 E, H, M			**K19933.0**	4	19933	413	235	254	19,0	10" brake	**64**	93280			
P 113 E, H, M															
P 143 E, H, M															
R 93 E, H, M															
T 113 E, H, M															
R 143 E, H, M															
T 93 E, H, M															
T 143 E, H, M															
P 82 H (6x2)	1981→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
P 112 H (6x2)		R	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
R 112 H (6x2)			**K19393.0**	8	19393	413	193	203	19,0	8" Brake	**96**	93687			
R 142 H (6x2)															
T 82 H (6x2)															
T 112 H (6x2)															
T 142 H (6x2)															

FCV1373DFE
7083 KNR SB/SN7....



FAI141 ↔ 310mm
2



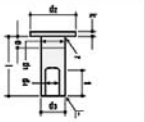


FCR170A

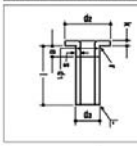
∅	A	B	C	D		Kg		
430	45.0	37.0	131	208	10xM16	29.5		ABS

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

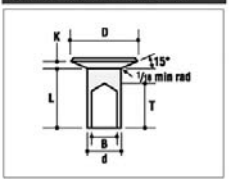
Type B – Semi-Tubular Rivet

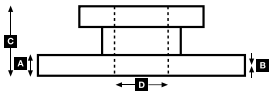


Type C – Tubular Rivet



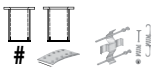
Type A – Semi Tubular Rivets













...SCANIA

...G, P, R, T-Series:

P 92 (6x2, 6x4)	1985→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
		R	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
			K19393.0	8	19393	413	193	203	19,0	8" brake	**96**	93687			
P 92 H (4x2)	1984→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
T 92 H (4x2)		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
P 92 M (8x4)	1985→1988	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
		R	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
T 82 H (6x2)	1980→	F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
T 112 H (6x2)		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
T 142 H (6x2)			**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
T 82 M (4x2)	1980→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
T 112 M (4x2)		R	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			

SEDDON ATKINSON

200 Series

14 ton	1975→1981	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

211 Series

2.11	1986→1988	F	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			
		R	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			

311 Series

3.11	1986→1988	F	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			
3.11	1986→11/90	R	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			
3.11 (6x2)	1986→01/93	F	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			
		R1	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			
		R2	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			

400 Series

D16G6XC	1975→1981	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

411 Series

4.11	1986→1988	F	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			
		R	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			
4.11 (6x2)	1986→1991	F	**K19877.0**	4	19878	410	160	160	▶17,3		**104**	93049			
				4	19877	410	162	160	▶16,2			93049			
		R1	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			
		R2	**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	160	200	▶16,5			93049			

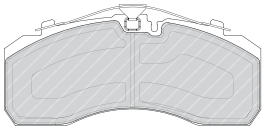
All

13/4, 18.5/4	1967→	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
18.5/4, 20/4	1973→	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
20/DD6, 22/DD6	1970→1973	R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

Municipal Vehicles

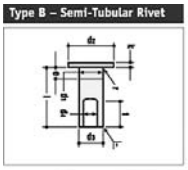
SB7000		F	**FCV4296PTS**	4	29253		248	108	30						
T6			**FCV4296PTS**	4	29253		248	108	30						

FCV4296PTS
4550 KNR SB/SN7

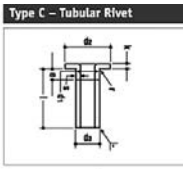


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

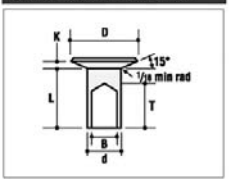
Type B – Semi-Tubular Rivet

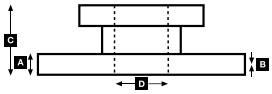


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









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Municipal Vehicles

M17.P16, M17.P21 N17.P16, N17.P21	06/93→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
M25.P21 M26.P21 N23.P21	06/93→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			

Pacer

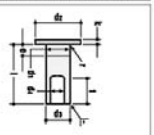
M210.C17, M210.P17 M240.C17 N210.C17, N210.P17	1994→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
M210.P25, M210.M26 M240.C25, M240.C26	1994→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
M325.L32	1994→	F1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		F2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			

Stratos

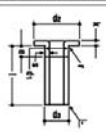
R24.26C TC26.27C, TC26.28L 26.275L	1990→01/93 09/90→ 1994→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
TC32.28L, TC32.33L, TC32.33P 32.275L	09/90→ 1994→	F1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		F2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R2	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
17.275L 17.325L	12/93→	F	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/ 104	93683/ 93685			
17.340C 17.350L 17.380C 17.410C	04/94→ 05/94→ 04/94→	R	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/ 104	93683/ 93685			
210.C17, 210.P17	1994→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
210.C21, 210.P21	1994→	F	K19071.0	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
		R1	K19231.0	8	19306	360	173	170	▶16,5		96	93683			
		R2	K19231.0	8	19306	360	173	170	▶16,5		96	93683			
23.325L 23.340C	02/94→	F	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/ 104	93683/ 93685			
23.350L 23.380C		R1	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/ 104	93683/ 93685			
23.410C		R2	K19071.0	8	19071	410	176	200	▶18,3	Opt.	96/ 104	93683/ 93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

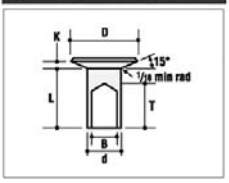
Type B – Semi-Tubular Rivet

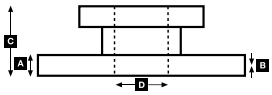


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









STEYR

All

6S (Meritor-Brake)	1991→	F	**K15879.0**	8	15879	325	140	97	▶16,5		48	93058			
		R	**K15879.0**	8	15879	325	140	97	▶16,5		48	93058			
8S, 9S, 11S (Meritor-Brake)	1990→	F	**K17988.0**	8	17988	325	140	150	▶16,2		64	93058			
		R	**K17988.0**	8	17988	325	140	150	▶16,2		64	93058			
12M18 (4x4) (Military Vehicle)	1986→	F	**K17251.0***	4	17251	405	370	120	12,5	*use 17 251 12,50 60 4	56	93060			
12S, 13S (4x2) (Meritor-Brakes)	1987→	F	**K19928.0**	8	19928	360	167	170	18		96	93683			
		R	**K19928.0**	8	19928	360	167	170	18		96	93683			
13S (4x4)	1986→	F	**K17251.0***	4	17251	405	370	120	12,5	*use 17 251 12,50 60 4	56	93060			
		R	**K17252.0***	2	17253	405	423	140	11,5	*use 17 252 11,50 60 3	56	93060			
				2	17252	405	321	140	11,5			93060			
14S, 15S, 16S (4x2) (for Hydraulic brakes)	1986→1989	F	**K17847.0***	4	17847	405	370	240	12,5	*use 17 847 12,50 60 4	56	93060			
		R	**19 134 14,00 60 5**	4	19134	420	214	160	14,0		56	93067			
				2	19298	420	334	160	14,0			93067			
14S, 15S, 16S, 17S (4x2) (for Air brakes)	1990→	F	**K19922.0***	8	19922	394	186	203	17,4	*use 19 922 17,40 60 8	96	93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3		96/ 104	93683/ 93685			
15S (4x4), 16S (4x4) (for Hydraulic brakes)	1990→	F	**K17847.0***	4	17847	405	370	240	12,5	*use 17 847 12,50 60 4	56	93060			
		R	**19 134 14,00 60 5**	4	19134	420	214	160	14,0		56	93067			
				2	19298	420	334	160	14,0			93067			
19 S - 42 S	1986→1993	F	**K19245.0***	4	19245	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067			
				4	19782	420	136	160	15,0			93067			
		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
19 S - 42 S (excl 4WD)	1994→	F	**K19487.9**	8	19495	410	177	183	▶17,0		64	93059			
		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
19 S - 42 S 4WD	1986→	F	**19 245 15,00 60 8**	8	19245	420	186	160	15,0		64	93067			
		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
19 S - 42 S Tractor unit for Eaton/MAN rear axle	1994→	F	**K19487.9**	8	19495	410	177	183	▶17,0		64	93059			
		R	**K19488.9**	8	19496	410	177	223	▶17,0		64	93059			
19 S - 42 S Tractor unit for Hypoid axle	1986→1993	F	**K19245.0***	4	19245	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067			
				4	19782	420	136	160	15,0			93067			
		F	**K19036.0**	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
991, 1291, 1491, 1891	1978→1985	F	**K19245.0***	4	19245	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067			
				4	19782	420	136	160	15,0			93067			
		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
991, 1291, 1491, 1891 Allrad	1978→1985	F	**19 245 15,00 60 8**	8	19245	420	186	160	15,0		64	93067			
		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
9S, 10S, 11S (Perrot-Brake)	1986→1989	R	**K19821.0**	2	19822	325	249	160	12,0		52	93049			
				2	19821	325	288	160	12,0			93049			
Trailing axle (6x2): 6 to		R	**17 377 18,00 00 8**	8	17377	420	204	120	▶18,0		80	93058			
Leading axle (6x2)		R	**19 245 15,00 60 8**	8	19245	420	186	160	15,0		64	93067			
Second Rear axle (6x4)		R	**19 246 15,00 00 8**	8	19246	420	186	185	15,0		64	93067			
Trailing axle (6x2): 8 to:		R	**19 032 17,50 00 8**	8	19032	420	203	180	▶17,5		80	93251			
Trailing axle (6x2): 10 to:		R	**19 094 17,50 00 8**	8	19094	420	203	200	▶17,5		80	93251			
			K17456.0	8	17456	420	201	140	▶18,0	Opt.	80	93059			

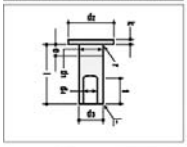
TAM

All

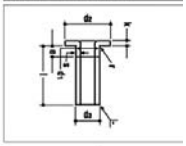
TAM 170		F	**17 340 10,00 60 4**	4	17340	400	329	140	10,0		48	93058			
TAM 170/190 A 11		F	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**17 269 12,00 60 3**	2	17269	400	320	140	12,0		56	93058			
				4	17336	400	320	140	12,0			93058			
		R1	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	112	93685			
				4	19260	419	216	178	▶18,8			93685			
		R2	**K19150.0**	4	19150	419	209	152	▶18,3		80	93685			
				4	19151	419	216	152	▶18,8			93685			
TAM 260 A 119T		F	**K19823.0**	8	19786	410	202	200	▶18,0		96	93068			
		R	**K19641.0**	8	19641	434	208	220	▶18,0		128	93068			
TAM 260/T22		F	**K19643.0***	8	19643	409	215	160	13,75	*use 19 643 13,75 00 8	64	93068			
		R	**K19642.0***	4	19642	409	165	160	13,75	*use 19 642 13,75 00 6	56	93068			
				4	19643	409	215	160	13,75			93068			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

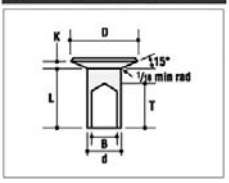
Type B – Semi-Tubular Rivet

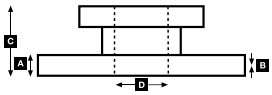


Type C – Tubular Rivet

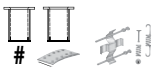


Type A – Semi Tubular Rivets









TATRA

Jamal

410 x 200 mm	2000→	F	K19263.0	2	19343	410	201	200	▶19,8		112	93060			
				6	19263	410	201	200	▶19,8			93060			
		R	K19263.0	2	19343	410	201	200	▶19,8		112	93060			
				6	19263	410	201	200	▶19,8			93060			
410 x 180 mm	2000→	F	K19262.0	6	19262	410	201	180	▶19,8		112	93060			
				2	19342	410	201	180	▶19,8			93060			
		R	K19262.0	6	19262	410	201	180	▶19,8		112	93060			
				2	19342	410	201	180	▶19,8			93060			
420 x 160 mm	2000→	F	K19648.0	8	19648	420	186	160	16,0		64	93058			
		R	K19648.0	8	19648	420	186	160	16,0		64	93058			

T813

420 x 180mm	1967→1982	F	K19538.0	8	19538	420	186	180	16,1/11,7		64				
		R	K19538.0	8	19538	420	186	180	16,1/11,7		64				

T815, T815-2

420 x 160 mm	1982→1998	F	K19648.0	8	19648	420	186	160	16,0		64	93058			
		R	K19648.0	8	19648	420	186	160	16,0		64	93058			

T815-2 E1 & E2

410 x 180 mm	1995→	F	K19262.0	6	19262	410	201	180	▶19,8		112	93060			
				2	19342	410	201	180	▶19,8			93060			
		R	K19262.0	6	19262	410	201	180	▶19,8		112	93060			
				2	19342	410	201	180	▶19,8			93060			
410 x 200 mm	1995→	F	K19263.0	2	19343	410	201	200	▶19,8		112	93060			
				6	19263	410	201	200	▶19,8			93060			
		R	K19263.0	2	19343	410	201	200	▶19,8		112	93060			
				6	19263	410	201	200	▶19,8			93060			
420 x 160 mm		F	K19648.0	8	19648	420	186	160	16,0		64	93058			
		R	K19648.0	8	19648	420	186	160	16,0		64	93058			

VOLVO

F 4-Series:

F 406 F 407	1975→1986	F	K17829.0*	2	17829	310	245	100	10,0	* use J1228928	56	93038			
				2	17830	310	209	100	10,0			93038			
F 408		R	K17831.0*	2	17832	310	245	125	10,0	* use J1229928	64	93038			
				2	17831	310	209	125	10,0			93038			

F 6-Series:

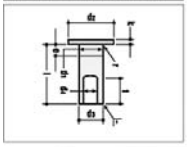
F 607 F 608	1975→1986	F	K17827.0*	2	17827	325	251	120	12,5	* use J1227928	60				
				2	17828	325	210	120	12,5						
F 609 (9 to) F 610, A		R	K19620.0	2	19621	325	251	150	12,5		64				
				2	19620	325	210	150	12,5						
F 611 (11 to) F 613 (13 to) F 614 TF 614	1975→1986	F	K17804.0*	4	17804	394	354	127	12,7	* use J1287928	64				
		R	K19622.0	4	19622	394	354	152	12,7		64				
F 615, S F 616, S F 617, S	1979→ 1980→	F	K19385.0	6	19384	381	188	178	▶18,15		96	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	K19385.0	6	19384	381	188	178	▶18,15		96	93684			
				2	19385	381	188	178	▶18,15			93684			

F 7-Series:

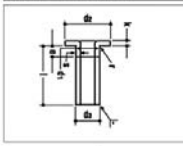
F 7	1977→1984	F	B2177932	4	17665	413	159	127	▶19,0	5 to	72	93687			
				4	17664	413	197	127	▶19,0			93687			
		F	K19560.0*	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6 / 6.5 to	88	93685			
				4	19561	414	159	152	▶19,0			93685			
		R	B2177932	4	17665	413	159	127	▶19,0	Boogie-axle	72	93687			
				4	17664	413	197	127	▶19,0			93687			
		R	19 467 19,00 60 6	4	19468	394	146	177	▶19,0	7" brake	84	93687			
				4	19467	394	191	177	▶19,0			93687			
		R	K19562.0	4	19562	394	190	203	▶19,0	8" brake	84	93685			
				4	19563	394	146	203	▶19,0			93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

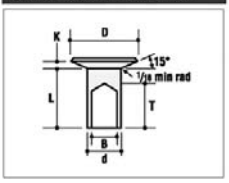
Type B – Semi-Tubular Rivet

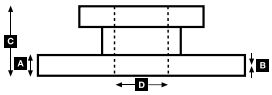


Type C – Tubular Rivet

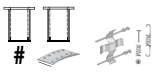


Type A – Semi Tubular Rivets











...VOLVO

...F 7-Series:

F 7 for Meritor-Brake	1978→1985	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			

F 12-Series:

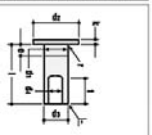
F 12 Intercooler 4x2 FAT 6,5 FAT 7,5	1980→1985	F	**K19560.0***	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6	**88**	93685			
				4	19561	414	159	152	▶19,0			93685			
		F	**19 467 19,00 60 6**	4	19467	394	191	177	▶19,0	FAT 7.5	**84**	93687			
				4	19468	394	191	177	▶19,0			93687			
		R	**K19799.0**	4	19800	394	190	254	▶19,0		**84**	93685			
				4	19799	394	146	254	▶19,0			93685			
		R	**K19885.0***	4	19885	394	190	240	▶19,0	10/83→ * use B2096932	**84**	93687			
				4	19886	394	146	240	▶19,0			93687			
F 12 Intercooler 6x2 FAT 6.5	1980→1985	F	**K19560.0***	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6	**88**	93685			
				4	19561	414	159	152	▶19,0			93685			
		R	**K19799.0**	4	19800	394	190	254	▶19,0		**84**	93685			
				4	19799	394	146	254	▶19,0			93685			
		R	**K19885.0***	4	19885	394	190	240	▶19,0	10/83→ * use B2096932	**84**	93687			
				4	19886	394	146	240	▶19,0			93687			
		R	**B2177932**	4	17665	413	159	127	▶19,0	3. axle	**72**	93687			
				4	17664	413	197	127	▶19,0			93687			
F 12 Intercooler 6x2, 38 to FAT 7.5	1980→1985	F	**19 467 19,00 60 6**	4	19468	394	146	177	▶19,0		**84**	93687			
				4	19467	394	191	177	▶19,0			93687			
		R	**K19799.0**	4	19800	394	190	254	▶19,0		**84**	93685			
				4	19799	394	146	254	▶19,0			93685			
		R	**K19885.0***	4	19885	394	190	240	▶19,0	10/83→ *use B2096932	**84**	93687			
				4	19886	394	146	240	▶19,0			93687			
		R	**B2177932**	4	17665	413	159	127	▶19,0	3. axle	**72**	93687			
				4	17664	413	197	127	▶19,0			93687			

F 12 / F16-Series:

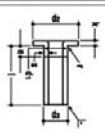
F 12/F 16 6x4 (24 to)	01/87→12/94	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake, 6,5 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
F 12/F 16 4x2 (17-18 to)	01/87→12/94	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake,6,5 axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
F 12/F 16 6x2 (24-25 to)	01/87→12/94	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake,6,5 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	7.5/8.0 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19941.0	8	19941	410	176	150	▶18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/ 96**	93683/ 93685			
			K17992.0	8	17992	410	176	125	▶18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	**64**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	TD 121 G, SR 62 (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

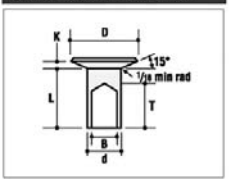
Type B – Semi-Tubular Rivet

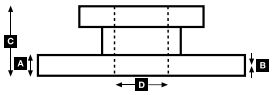


Type C – Tubular Rivet

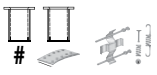


Type A – Semi Tubular Rivets









...VOLVO

...F 12 / F16-Series:

F 12/F 16 8x2	1986→	F	**K19941.0**	8	19941	410	176	150	▶18,3	Z-Cam-Brake,13 to axle load (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
			K19090.0	8	19090	410	176	175	▶18,3	15 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	15 to axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K17992.0	8	17992	410	176	125	▶18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	**64**	93683/93685			
			K19941.0	8	19941	410	176	150	▶18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	TD 121 G, SR 62 (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			

FE-Series:

240, 280, 320 Meritor Elsa 225-3 Caliper	05/06→	F	**FCV4378BFE**	4	29218		249.6	109.5	29						
		R	**FCV4378BFE**	4	29218		249.6	109.5	29						

FH-Series:

FH12 (6x2) for Air suspension rear, FH12-340 250kW /340PS, FH12-380 279kW /380PS, FH12-420 309kW /420PS, FH12-460 338kW /460PS, FH12-520 382kW /520PS, FH16 (6x2) for Air suspension rear	01/93→	F	**FCV1388B**	4	29125		250	111	29						
		R	**FCV1388B**	4	29125		250	111	29						
16/580, 16/660, 400, 440, 480, 520 with Meritor Elsa 225-3 caliper	05/06→	F	**FCV4378BFE**	4	29218		249.6	109.5	29	22.5" Wheel					
FH12, FH16	09/05→	R	**FCV1952B**	4	29151		216	97	29	Volvo lift Axle Meritor DLE Duco					
FH400, FH440, FH480, FH520		R	**FCV4170B**	4	29177		210	102.6	29	Volvo lift Axle Meritor VGT195				FAI169	

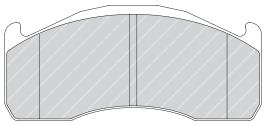
FH-Series:

FH12 (6x2) For air suspension rear	08/93→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R	**K19941.0**	8	19941	410	176	150	▶18,3	Auxiliary axle 7,5 to Axle load (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Auxiliary axle 9,5 to Axle load (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
FH12-340 250kW /340PS FH12-420 309kW /420PS	08/93→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19068.0	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K17992.0	8	17992	410	176	125	▶18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	**64**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			

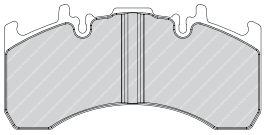
FCV1388B
4562 MER D-DUCO



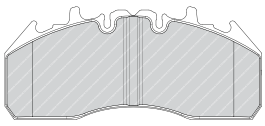
FCV1952B
4550 MER DLE-DUCO



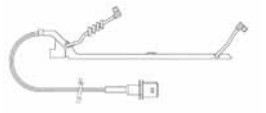
FCV4170B
4572 MER VGT195



FCV4378BFE
4567 MER Elsa225-3

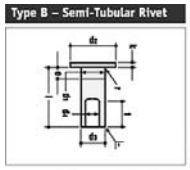


FAI169 ↔ 355mm
2

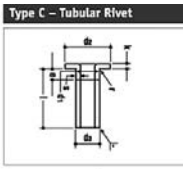


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

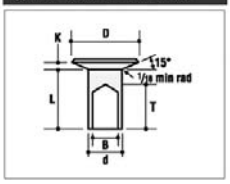
Type B – Semi-Tubular Rivet

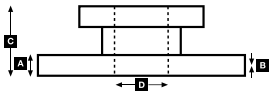


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...VOLVO

...FH-Series:

FH12-380 279kW /380PS FH12-520 382kW /520PS	08/93→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19068.0	8	19068	410	176	225	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K17992.0	8	17992	410	176	125	▶18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	**64**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
FH12-460 338kW/460PS		F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19068.0	8	19068	410	176	225	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K17992.0	8	17992	410	176	125	▶18,3	Auxiliary axle (L8=5mm Platform, L10=8mm Platform)	**64**	93683/93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			

FL Series

FL 240,280	05/06→	F	**FCV4377B**	4	29203		216	99.6	29	Meritor Elsa225-1					
			FCV1815BFE	4	29207		210	92	30	Haldex DB19				FAI175	
		R	**FCV4377B**	4	29203		216	99.6	29	Meritor Elsa225-1					
			FCV1815BFE	4	29207		210	92	30	Haldex DB19				FAI175	

FL 4 Series:

FL 406FL 408, FL 411 82kW	01/85→	F	**FCV523**	4	29302	322	176	80	22	→02/90					**FCR130A**
			FCV702	4	29039		177	78	22	03/90→				FAI104	
		R	**FCV523**	4	29302	322	176	80	22	→02/90					**FCR306A**
			FCV702	4	29039	322	177	78	22	03/90→					**FCR306A**

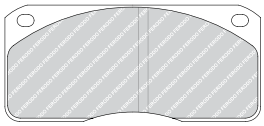
FL 6-Series:

FL608, FL609, FL610, FL611, FL612 126-184kW FL613, FL614, FL615 126-184kW	01/85→	F	**FCV523**	4	29302	322	176	80	22	→02/90					**FCR131A**
			FCV702	4	29039	322	177	78	22	03/90→				FAI104	**FCR131A**
		R	**FCV523**	4	29302	322	176	80	22	→02/90					**FCR142A**
			FCV702	4	29039	322	177	78	22	03/90→				FAI104	**FCR142A**
FL613, FL614, FL615 126-184kW	2000→	F	**FCV1387B**	4	29137	337	210	102	29	17.5" wheel size					**FCR303A**
			FCV1387B	4	29137	375	210	102	29	19.5" wheel size					**FCR305A**
		R	**FCV1387B**	4	29137	337	210	102	29	17.5" wheel size					**FCR303A**
			FCV1387B	4	29137	375	210	102	29	19.5" wheel size					**FCR305A**
FL616, FL617, FL618		F	**FCV702**	4	29039	322	177	78	22	→2000				FAI104	**FCR131A**
			FCV1388B	4	29125		250	111	29	2000→					
		R	**FCV702**	4	29039	322	177	78	22	→2000				FAI104	**FCR142A**
			FCV1388B	4	29125		250	111	29	2000→					

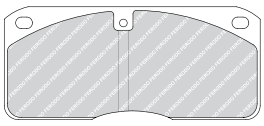
FL 6-Series:

FL 608	10/85→	F	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
		F	**K00305.0***	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
		R	**K00305.0***	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→ Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			

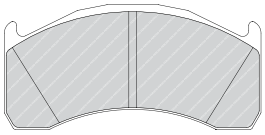
FCV523
3422 MER 2x68



FCV702
3422 MER 2x68



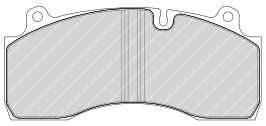
FCV1387B
4562 MER C- DUCO



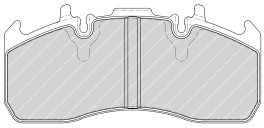
FCV1388B
4562 MER D-DUCO



FCV1815BFE
4581 HAL DB19



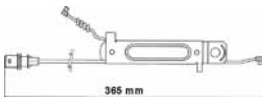
FCV4377B
4567 MER Elsa225-1



FAI104 ↔ 235mm
2



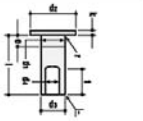
FAI175 ↔ 365mm
2



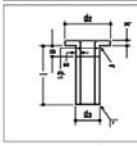
		∅	A	B	C	D		Kg		ABS
FCR130A		322	30.0	27.0	90	132	6xM14	14.0		
FCR131A		322	30.0	28.0	90	132	8xM14	13.6		
FCR142A		322	30.0	27.8	138	216	8x13.1	15.7		
FCR303A		337	30.0	28.0	100	91.5	10x14.5 2xM10	18.3		
FCR305A		375	45.0	38.0	150	225	8x20 + 2xM10	36.5		✓
FCR306A		322	30.0	28.0	115	164	6xM12	15.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

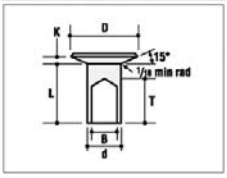
Type B – Semi-Tubular Rivet

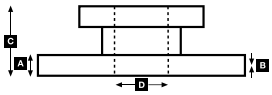


Type C – Tubular Rivet

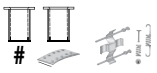


Type A – Semi Tubular Rivets









...VOLVO

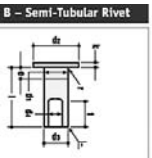
...FL 6-Series:

FL 609	1986→	F	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→ Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→ Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
FL 610	1986→	F	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K17357.0	4	17357	360	174	140	▶14,8	1991→	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8	→1990 Opt.	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K17357.0	4	17357	360	174	140	▶14,8	1991→ Opt.	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
FL 611	1994→	F	**K17357.0**	4	17357	360	174	140	▶14,8		**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
		R	**K17357.0**	4	17357	360	174	140	▶14,8		**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
	09/85→1994	F	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→ Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 /1991→ Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
FL 512 FL 613	09/85→ 1986→	F	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 90-94 Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
			K17357.0	4	17357	360	174	140	▶14,8	Opt 95-4/00	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
			K19758.0	4	19758	360	174	170	▶14,8	95-4/00	**112**	93683			
				4	19759	360	174	170	▶9,7			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 90-94 Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
			K17357.0	4	17357	360	174	140	▶14,8	Opt 95-4/00	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
			K19758.0	4	19758	360	174	170	▶14,8	95-4/00	**112**	93683			
				4	19759	360	174	170	▶9,7			93683			
FL 614	09/85→1994	F	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 90-94 Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
		R	**B2345927**	2	19272	360	353	170	▶12,8		**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 90-94 Opt.	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
FL 614 (Plattform Chass.)	1994→04/00	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			

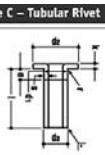
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

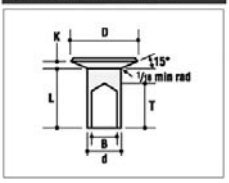
Type B – Semi-Tubular Rivet

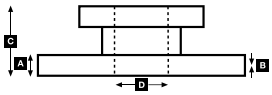


Type C – Tubular Rivet

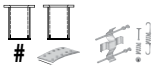


Type A – Semi Tubular Rivets











...VOLVO

...FL 6-Series:

FL 614 (Rigid Chass.) FL 615	1994→04/00	F	**K17357.0**	4	17357	360	174	140	▶14,8	Opt.	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
			K19758.0	4	19758	360	174	170	▶14,8		**112**	93683			
				4	19759	360	174	170	▶9,7			93683			
		R	**K17357.0**	4	17357	360	174	140	▶14,8	Opt.	**112**	93683			
				4	17358	360	174	140	▶9,7			93683			
			K19758.0	4	19758	360	174	170	▶14,8		**112**	93683			
				4	19759	360	174	170	▶9,7			93683			
FL 615, FL 616, FL 617	1986→1994	F	**K19385.0**	6	19384	381	188	178	▶18,15	→1989	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
			K19492.0	8	19492	381	180	180	▶19,2	1990→	**96**	93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15	→1989	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
			K19492.0	8	19492	381	180	180	▶19,2	1990→	**96**	93684			
FL 618	1990→	F	**K19492.0**	8	19492	381	180	180	▶19,2	10/91→4/00 6.5 - 7.5 to Opt.	**96**	93684			
			K19542.0	8	19542	381	180	200	▶19,2	10/91→4/00 6 to Opt.	**96**	93684			
		R	**K19492.0**	8	19492	381	180	180	▶19,2	10/91→4/00 6.5 - 7.5 to Opt.	**96**	93684			
			K19542.0	8	19542	381	180	200	▶19,2	10/91→4/00 6 to Opt.	**96**	93684			
FL 619	1990→	F	**K19492.0**	8	19492	381	180	180	▶19,2	→1992	**96**	93684			
		R	**K19492.0**	8	19492	381	180	180	▶19,2	→1992	**96**	93684			
			K19542.0	8	19542	381	180	200	▶19,2	1993→ 6,5 - 7,5 to	**96**	93684			

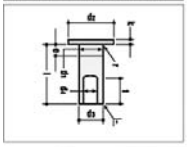
FL 7 / FL 10-Series:

4x2 Model for 6, 5 to Axle load	09/85→	F	**K19941.0**	8	19941	410	176	150	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/ 96**	93683/ 93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
4x2 Model for 7, 5/8, 0 to Axle load	09/85→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
6x2 Model for 7, 5/8, 0 to Axle load Air Suspension & S-Ride	09/85→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R2	**K17992.0**	8	17992	410	176	125	▶18,3	(L8=5mm Platform, L10=8mm Platform)	**64**	93683/ 93685			
6x2 & 6x2/2/4 Model for 6, 5 to Axle load	09/85→	F	**K19941.0**	8	19941	410	176	150	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/ 96**	93683/ 93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R2	**K17992.0**	8	17992	410	176	125	▶18,3	(L8=5mm Platform, L10=8mm Platform)	**64**	93683/ 93685			
6x2 & 6x2/2/4 Model for 7, 5/8, 0 to Axle load	09/85→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R2	**K17992.0**	8	17992	410	176	125	▶18,3	(L8=5mm Platform, L10=8mm Platform)	**64**	93683/ 93685			
6x2 Model for 6, 5 to Axle load Air Suspension & S-Ride	09/85→	F	**K19941.0**	8	19941	410	176	150	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/ 96**	93683/ 93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R2	**K17992.0**	8	17992	410	176	125	▶18,3	(L8=5mm Platform, L10=8mm Platform)	**64**	93683/ 93685			

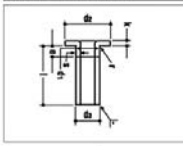
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

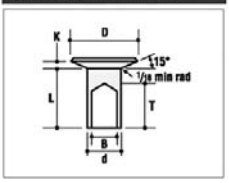
Type B – Semi-Tubular Rivet

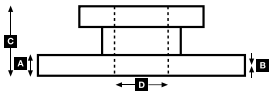


Type C – Tubular Rivet

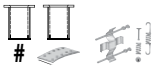


Type A – Semi Tubular Rivets











...VOLVO

...FL 7 / FL 10-Series:

8x4 Model	09/85→	F1	**K19941.0**	8	19941	410	176	150	▶18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
		F2	**K19941.0**	8	19941	410	176	150	▶18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
			K19068.0	8	19068	410	176	225	▶18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R2	**K17992.0**	8	17992	410	176	125	▶18,3	(L8=5mm Platform, L10=8mm Platform)	**64**	93683/93685			
			K19090.0	8	19090	410	176	175	▶18,3	8x4 T-Ride (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			

FL 10-Series:

6x4 Model (FAT 6.5) T-Ride	09/85→	F	**K19941.0**	8	19941	410	176	150	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/96**	93683/93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake 20 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R2	**K19090.0**	8	19090	410	176	175	▶18,3	20 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake 26 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3	26 to axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
6x4 Model (FAT 7.5) T-Ride	09/85→	F	**K19090.0**	8	19090	410	176	175	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R1	**K19090.0**	8	19090	410	176	175	▶18,3	20 to axle Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R2	**K19090.0**	8	19090	410	176	175	▶18,3	20 to axle(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3	26 to axle Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3	26 to axle(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/104**	93683/93685			

FLC

FLC 140 99kW	09/96→09/00	F	**FCV702**	4	29039	322 322	177	78	22					FAI104	**FCR130A** **FCR131A**
		R	**FCV702**	4	29039	322	177	78	22						**FCR142A**

FLE

FLE	2001→	F	**FCV1388B**	4	29125		250	111	29						
		R	**FCV1388B**	4	29125		250	111	29						

FM Series

4x2 Tractors & Rigids Meritor D DUCO, 6x2 Tractors & Rigids Meritor D DUCO	05/00→	F	**FCV1388B**	4	29125		250	111	29						
		R	**FCV1388B**	4	29125		250	111	29						
FM 300,340,360,380,400,440,480 Meritor Elsa 225-3 Caliper	09/05→	F	**FCV4378BFE**	4	29218		249.6	109.5	29						
		R	**FCV4378BFE**	4	29218		249.6	109.5	29						
FM12		R	**FCV1952B**	4	29151		216	97	29	Lift axle					
FM9			**FCV1952B**	4	29151		216	97	29	Lift axle					

FS 7

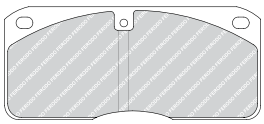
FS 718 169-191kW	09/94→03/96	F	**FCV702**	4	29039	322	177	78	22					FAI104	**FCR131A**

FS-Series:

FS 718	1992→	F	**K19492.0**	8	19492	381	180	180	▶19,2	6 to axle load	**96**	93684			
			K19542.0	8	19542	381	180	200	▶19,2	6.5 - 7.5 axle load	**96**	93684			
		R	**K19492.0**	8	19492	381	180	180	▶19,2	6 to axle load	**96**	93684			
			K19542.0	8	19542	381	180	200	▶19,2	6.5 - 7.5 axle load	**96**	93684			

FERODO

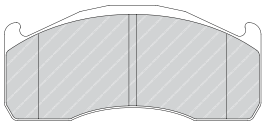
FCV702
3422 MER 2x68



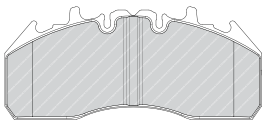
FCV1388B
4562 MER D-DUCO



FCV1952B
4550 MER DLE-DUCO



FCV4378BFE
4567 MER Elsa225-3



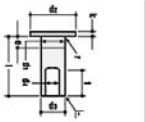
FAI104 ↔ 235mm
2



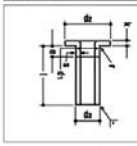
		∅	A	B	C	D		Kg		ABS
FCR130A		322	30.0	27.0	90	132	6xM14	14.0		
FCR131A		322	30.0	28.0	90	132	8xM14	13.6		
FCR142A		322	30.0	27.8	138	216	8x13.1	15.7		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

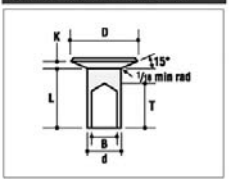
Type B – Semi-Tubular Rivet

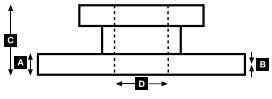


Type C – Tubular Rivet

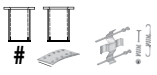


Type A – Semi Tubular Rivets









...VOLVO

N7, N 10, N12 (Mk2)

All	1980→	F	19 467 19,00 60 6	4	19468	394	146	177	▶19,0		84	93687				
				4	19467	394	191	177	▶19,0			93687				
		R	K19562.0	4	19562	394	190	203	▶19,0		84	93685				
				4	19563	394	146	203	▶19,0			93685				
		R	B2177932	4	17665	413	159	127	▶19,0	Trailing axle	72	93687				
				4	17664	413	197	127	▶19,0			93687				

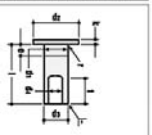
YUGO

Zeta Turbo 650

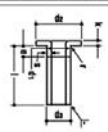
All		F	K17635.0	2	17635	325	249	120	12,0		52	93048				
				2	17636	325	288	120	12,0			93048				

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

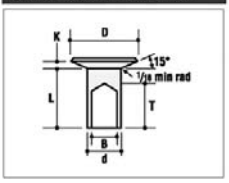
Type B – Semi-Tubular Rivet

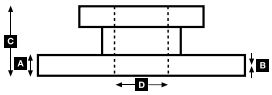


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









A.D.R.



300 x 100			57 251 11,00 00 4	4	57251	300	248.5	100	11							
300 x 135			57 250 11,00 00 4	4	57250	300	246.6	135	11	16.5mm counter bore Ø						
			57 248 11,00 00 4	4	57248	300	248	135	11	18.5mm counter bore Ø						
300 x 150			59 338 11,00 00 4	4	59338	300	286	150	11							
300 x 160			59 335 11,00 66 4	4	59335	300	286	160	11							
400 x 120			K17016.2	8	17016	400	192.7	120	11							

ACERBI



Knorr SB7 Brakes			FCV4344PTS	4	29253		248	108	30							



300 x 200mm (BPW)			K19574.0	8	19574	300	144	200	▶18,0		64	93251				
311 x 203mm (SMB C3)			K19862.0	4	19609	311	136	203	▶19,3		80	93275				
				4	19608	311	141	203	▶18,4			93275				
419 x 178mm (SMB C2)			K00620.0	4	19614	419	188	178	▶18,6	Conical drilling	128	93281				
				4	19613	419	192	178	▶19,2			93281				
419 x 203mm			K19366.0	4	19366	419	189	203	▶19,3		96	93685				
				4	19365	419	192	203	▶18,7							
419 x 203mm (SMB C1)			K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281				
				4	19557	419	192	203	▶18,6			93281				
420 x 180mm			K19032.0	8	19032	420	205	180	▶17,8		80	93251				
420 x 200mm			K19094.0	8	19094	420	202	200	▶17,8		80	93251				

ADIGE



320 x 140mm		R	K17660.0	4	17660	320	310	140	12,0		40	93060				
420 x 90mm		R	K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93059				
			K15494.0	4	15494	420	397	90	12,0		64	93060				
420 x 110mm		R	K17797.0	8	17797	420	204	110	17,8		80	93060				
420 x 140mm		R	K17895.0	4	17895	420	401	140	12,0		64	93060				
420 x 205mm		R	19 779 19,00 00 8	8	19779	420	203	205	▶19,0		120	93060				

AUSTERAS



420 x 140mm			K17456.0	8	17456	420	201	140	▶18,0		64	93059				
420 x 180mm			K19032.0	8	19032	420	205	180	▶17,8		80	93251				

BAJ et FOND



419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685				
				4	19037	419	194	178	▶18,0			93685				
419 x 203mm			K19365.0	4	19366	419	189	203	▶19,3		96	93685				
				4	19365	419	192	203	▶18,7			93685				

BPW 

300 x 200mm			K19574.0	8	19574	300	144	200	▶18,0		64	93251				

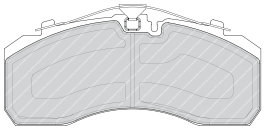
Trailor L200 

419 x 178mm			K19037.0	4	19037	419	192	178	▶18,0		96	93275				
				4	19036	419	189	178	▶18,6			93275				

Trailor N400 

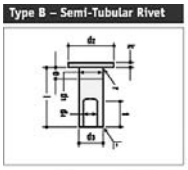
419 x 203mm			K19366.0	4	19366	419	192	203	18,7		96					
				4	19365	419	189	203	19,3							

FCV4344PTS
4569 KNR SB/SN7

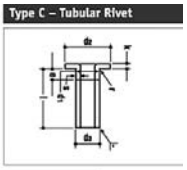


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

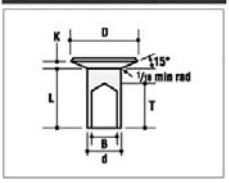
Type B – Semi-Tubular Rivet

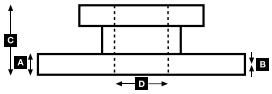


Type C – Tubular Rivet



Type A – Semi Tubular Rivets







BARTOLETTI

All

300 x 160mm			K19756.0*	4	19756	300	312	160	13	*use 19 756 12,00 60 4	48					
430 x 140mm			K17905.0	4	17905	430	207	140	0,17		64	93060				
				4	17906	430	207	140	▶17,75			93060				
430 x 200mm			K19801.0	4	19802	430	207	200	▶17,5		96	93060				
				4	19801	430	207	200	▶17,75			93060				

BATTAGLINO

All

419 x 218mm			K19369.0	4	19369	419	189	218	▶18,7		96	93685				
				4	19370	419	192	218	▶19,3		96	93685				
420 x 90mm			K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93059				
420 x 180mm			K19032.0	8	19032	420	205	180	▶17,8		80	93251				
420 x 200mm			K19094.0	8	19094	420	202	200	▶17,8		80	93251				

BENALU

All

All Trailers fitted with Wabco Pan 22			FCV1366	4	29154		248	108	30							

All

311 x 203mm (SMBC3)			K19862.0	4	19609	311	136	203	▶19,3		80	93275				
				4	19608	311	141	203	▶18,4			93275				
360 x 200 (SMB C5)			K19718.0	4	19718	360	169	200	20,5/17,7		96					
				4	19179	360	169	200	19,1/11,35							
419 x 178mm (ROR)			K19036.0	4	19036	419	188	178	▶18,6		96	93685				
				4	19037	419	194	178	▶18,0			93685				
419 x 178mm (Propar P13)			K00620.0	4	19614	419	188	178	▶18,6	Conical drilling	128	93281				
				4	19613	419	192	178	▶19,2	Conical drilling		93281				
419 x 178mm (SMB C2)			K00620.0	4	19614	419	188	178	▶18,6	Conical drilling	128	93281				
				4	19613	419	192	178	▶19,2	Conical drilling		93281				
419 x 203mm			K19365.0	4	19366	419	189	203	▶19,3		96	93685				
				4	19365	419	192	203	▶18,7			93685				
419 x 203mm (Propar P20)			K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281				
				4	19557	419	192	203	▶18,6	Conical drilling		93281				
419 x 203mm (SMB C1)			K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281				
				4	19557	419	192	203	▶18,6	Conical drilling		93281				
419 x 218mm (ROR)			K19369.0	4	19369	419	189	218	▶18,7		96	93685				
				4	19370	419	192	218	▶19,3		96	93685				
420 x 180mm (BPW)			K19032.0	8	19032	420	205	180	▶17,8		80	93251				
420 x 200mm (BPW)			K19094.0	8	19094	420	202	200	▶17,8		80	93251				

BERTOJA

All

300 x 200mm			K19574.0	8	19574	300	144	200	▶18,0		64	93251				
420 x 200mm			K19094.0	8	19094	420	202	200	▶17,8		80	93251				

BPW

1. Generation:

300 x 150mm Cam brake		R	19 102 10,00 60 8	8	19102	300	141	150	10,0		64	93251				
300 x 200mm Cam brake		R	19 103 10,00 60 8	8	19103	300	142	200	10,0		64	93251				

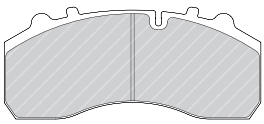
2. Generation:

300 x 150mm Cam brake		R	19 396 13,00 00 8	8	19396	300	141	150	▶13,0		64	93251				
300 x 200mm Cam brake		R	19 397 13,00 00 8	8	19397	300	141	200	▶13,0		64	93251				

3. Generation:

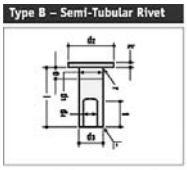
300 x 150mm (SN 3015) Cam brake		R	K19573.0	8	19573	300	144	150	▶18,0		64	93251				
300 x 200mm (SN 3020) Cam brake		R	K19574.0	8	19574	300	144	200	▶18,0		64	93251				

FCV1366
4550 WAB PAN 22

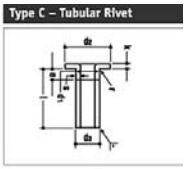


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

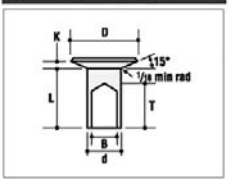
Type B – Semi-Tubular Rivet

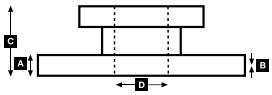


Type C – Tubular Rivet

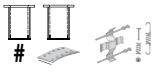


Type A – Semi Tubular Rivets









...BPW

All

200 x 40mm		R	11 478 05,00 60 4	4	11478	200	190	40	5,0		40	93020			
230 x 40mm		R	11 556 05,00 60 4	4	11556	230	224	40	5,0		40	93020			
250 x 40mm Spread lever brake		R	11 084 05,00 60 4	4	11084	250	245	40	5,0		40	93020			
300 x 60mm Spread lever brake		R	11 084 05,00 60 4	4	15004	300	290	60	5,0		64	93021			
300 x 100mm		R	17 347 18,00 00 8	8	17347	300	145	100	▶18,0		64	93251			
300 x 120mm Cam brake		R	17 183 10,00 60 8	8	17183	300	142	120	10,0		64	93252			
300 x 200mm		R	K19967.0*	4	19967	300	132	200	16,3	* use B2800927	96	93275			
				4	19968	300	129	200	15,4			93275			
300 x 200mm S Cam		R	19 103 10,00 60 8	8	19103	300	142	200	10,0		64	93251			
350 x 60mm Spread lever brake		R	15 044 06,00 60 4	4	15044	350	339	60	6,0		40	93047			
350 x 150mm Flat Cam		R	19 102 10,00 60 8	8	19102	300	141	150	10,0		64	93251			
360 x 160mm (SN 3616)		R	K19952.0	4	19952	360	187	160	▶17,8		72	93251			
				4	19953	360	158	160	▶17,8			93251			
360 x 200mm (SN 3620)		R	K19902.0	4	19902	360	159	200	▶17,8		72	93251			
				4	19903	360	188	200	▶17,8			93251			
400 x 80mm Spread lever brake, Cam brake		R	K15247.0*	4	15247	400	388	80	8,0	*use 15 247 08,00 60 4	40	93251			
400 x 120mm Spread lever brake, Cam brake/ hydraulic brake		R	K17115.0*	8	17115	400	190	120	10,0	*use 17 115 10,00 60 8	64	93252			
420 x 120mm (SN 4212) S-Cam brake		R	17 377 18,00 00 8	8	17377	420	204	120	▶18,0		80	93251			
400 x 120 mm		R	K17016.0	8	17016	400	192.7	120	8			93251			
420 x 124mm		R	K17807.0	8	17807	420	204	124	▶18,3		80	93252			
420 x 140mm		R	K17456.0	8	17456	420	201	140	▶18,0		64	93252			
420 x 160mm (SN 4216) S-Cam brake		R	K19200.0	8	19200	420	204	160	▶17,8		80	93251			
420 x 180mm (SN 4218) S-Cam brake		R	K19032.0	8	19032	420	205	180	▶17,8		80	93251			
420 x180mm (SN 4218) S-Cam brake, Eco Plus2		R	K19191.0	8	19191	420	205	180	▶17,8		80	93251			
420 x 200mm (SN 4220) S-Cam brake		R	K19094.0	8	19094	420	202	200	▶17,8		80	93251			
420 x200mm (SN 4220) S-Cam brake, Eco Plus2		R	K19192.0	8	19192	420	202	200	▶17,8		80	93251			
420 x 220mm (SN 4222)		R	19 825 18,00 00 8	8	19825	420	202	220	▶18,0		80	93252			
500 x 200mm		R	19 602 18,00 00 6	4	19602	500	197	200	▶18,0		72	93252			
				4	19603	500	244	200	▶18,0			93252			

Eco Max SB/SN6 (SB3745)

K Series	→04/03		FCV1329BFE	4	29197	377	211	93	30						FCR205A
K Series	05/03→		FCV1678B	4	29165	375	211	93	30	no ABS				FAI171/FAI172	FCR252A
						377				ABS					FCR253A

Eco Plus SB/SN6 (SB3745)

Wheel = 19.5" Air Brake	→04/03		FCV1329BFE	4	29197	377	211	93	30						FCR193A
	05/03→		FCV1678B	4	29165	375	211	93	30	no ABS				FAI171/FAI172	FCR252A
						377				ABS					FCR253A

Eco Plus SB/SN7 (SB4345)

Wheel = 22.5" Air Brake	→04/03		FCV4344PTS	4	29253	430	248	108	30						FCR222A
	05/03→		FCV1677B	4	29167	430	248	109.5	30					FAI171/FAI172	FCR222A

Eco Plus SK7 (SB4309)

	05/03→		FCV1825B	4	29171	430	211	108	30						FCR222A

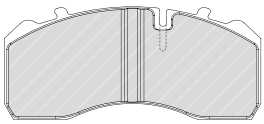
SH Series SB/SN7 (SB4345)

HD	→04/03		FCV4344PTS	4	29253	430	248	108	30						FCR172A
	05/03→		FCV1677B	4	29167	430	248	109.5	30					FAI171/FAI172	FCR222A

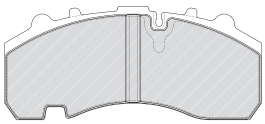
SKH Series SB/SN6 (SB3745)

Uni - Disc	→04/03		FCV1329BFE	4	29197	377	211	93	30						FCR205A
						377									FCR206A
						377									FCR210A
Uni - Disc	05/03→		FCV1678B	4	29165	375	211	93	30	no ABS				FAI171/FAI172	FCR252A
						377				ABS					FCR253A

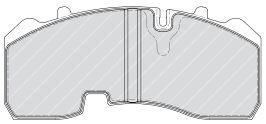
FCV1329BFE
4569 KNR SB/SN6…



FCV1677B
4575 KNR SB4345T (SB7)



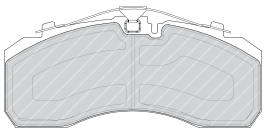
FCV1678B
4575 KNR SB3745T (SB6)



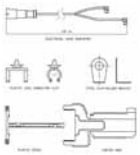
FCV1825B
4575 KNR SB4309T (SK7)



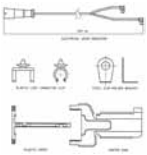
FCV4344PTS
4569 KNR SB/SN7



FAI171 ↔ 430mm
2



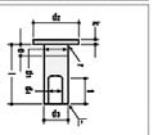
FAI172 ↔ 940mm
2



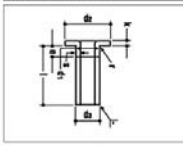
	∅	A	B	C	D		Kg		ABS
FCR172A	430	45.0	37.0	159.5	290	10x23 2x10	37.5		✓
FCR193A	377	45.0	37.0	159	290	10x23 2x9.7	28.0		
FCR205A	377	45.0	38.0	159	290	10x23 2x10 5xM6	27.9		✓
FCR206A	377	45.0	38.0	159	230	8x23 2x10.5 5xM6	27.0		✓
FCR210A	377	45.0	38.0	169	290	10x23 2x9.8	29.0		
FCR222A	430	45.0	38.0	160	201	10x22.5	33.0		
FCR252A	375	45.0	38.0	160	189	10x22.2	29.0		
FCR253A	377	45.0	38.0	159	189	10x22.5	29.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93020	7.5	04x08	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

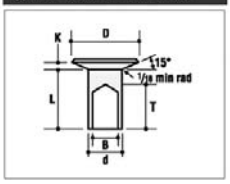
Type B – Semi-Tubular Rivet

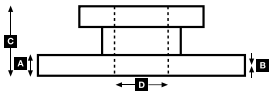


Type C – Tubular Rivet

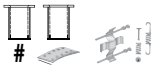


Type A – Semi Tubular Rivets









BROCKHOUSE

All

387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**					
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684				
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685				
				4	19037	419	194	178	▶18,0			93685				
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685				
				4	19370	419	192	218	▶19,3		**96**	93685				

CALABRESE

All

419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685				
				4	19037	419	194	178	▶18,0			93685				
420 x 110mm			**K17797.0**	8	17797	420	204	110	17,8		**80**	93060				

CARDI

All

300 x 200mm		R	**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251				
420 x 90mm		R	**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93252				
420 x 140mm Mod. Germania		R	**K17456.0**	8	17456	420	201	140	▶18,0		**64**	93252				
420 x 160mm		R	**K19200.0**	8	19200	420	204	160	▶17,8		**80**	93251				
420 x 180mm		R	**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251				
420 x 200mm		R	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251				

CARENZI

All

420 x 90mm			**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93252				
420 x 140mm			**K17895.0**	4	17895	420	401	140	12,0		**64**	93060				

CARRIMORE

All

311 x 178mm			**K19783.0**	4	19783	311	148	178	▶14,6		**96**	93684				
				4	19784	311	146	178	▶14,3			93684				
387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**					
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684				
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685				
				4	19037	419	194	178	▶18,0			93685				
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685				
				4	19370	419	192	218	▶19,3		**96**	93685				

CASTERA

ROR

419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685				
				4	19370	419	192	218	▶19,3		**96**	93685				

SAE S3315

305 x 150mm			**K19760.0**	4	19760	305	144	150	▶15,9		**48**	93252				
				4	19761	305	140	150	▶15,8			93252				

SAE S3320

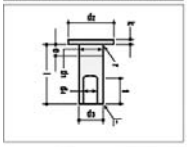
305 x 200mm			**K19762.0**	4	19762	305	143	200	▶15,9		**64**	93252				
				4	19763	305	141	200	▶15,8			93252				

SAF

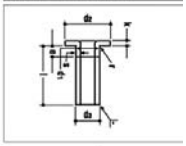
419 x 178mm			**K19037.0**	4	19037	419	192	178	▶18,0		**96**	93275				
				4	19036	419	189	178	▶18,6			93275				

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

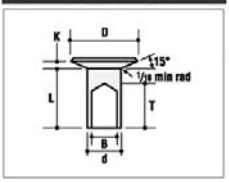
Type B – Semi-Tubular Rivet

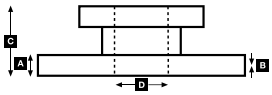


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









CAZENAVE

Colaert 

414 x 150mm			**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

CODER

All 

419 x 218mm		All	**K19369.0**	4	19369	419	192	218	▶19,3		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			
420 x 180mm BPW-axle RR 200		All	**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			

COLAERT

W6 

414 x 150mm			**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

COMETTO

All 

300 x 179mm			**K59082.0**	4	59082	300	285	179	9		**32**				
300 x 180mm			**K19795.0**	8	19795	300	141	180	▶14		**64**	93252			

CRANE FRUEHAUF

All 

Haldex DB22 (22, 5")	01/00→		**FCV1367B**	4	29143		248	105	30					FAI171/FAI172	
Knorr SB6000			**FCV1329BFE**	4	29197	377	211	93	30						**FCR200A**
Knorr SB7000			**FCV4344PTS**	4	29253	430	248	108	30						**FCR199A**
Wabco Pan 22			**FCV1366**	4	29154		248	108	30					FAI166	

All 

381 x 178mm			**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
419 x 178mm			**K19037.0**	4	19037	419	192	178	▶18,0		**96**	93275			
				4	19036	419	189	178	▶18,6			93275			
419 x 203mm			**K19365.0**	4	19366	419	189	203	▶19,3	Conical drilling	**96**	93685			
				4	19365	419	192	203	▶18,7			93685			
420 x 160mm			**K19200.0**	8	19200	420	204	160	▶17,8		**80**	93251			
420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

FOU 5DF 

414 x 150mm			**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

ROR 

311 x 190mm			**K19604.0**	4	19604	311	126	190	▶14,8		**80**	93685			
				4	19605	311	158	190	▶16,1			93685			
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			

SMB C1 

419 x 203mm			**K00622.0**	4	19606	419	188	203	▶19,2	Conical drilling	**128**	93281			
				4	19557	419	192	203	▶18,6			93281			

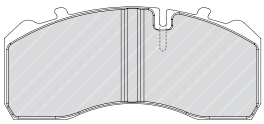
SMB C2 

419 x 178mm			**K00620.0**	4	19614	419	188	178	▶18,6	Conical drilling	**128**	93281			
				4	19613	419	192	178	▶19,2			93281			

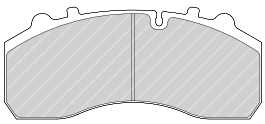
SMB C3 

311 x 203mm			**K19862.0**	4	19609	311	136	203	▶19,3		**80**	93275			
				4	19608	311	141	203	▶18,4			93275			

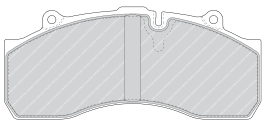
FCV1329BFE
4569 KNR SB/SN6…



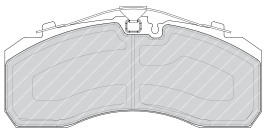
FCV1366
4550 WAB PAN 22



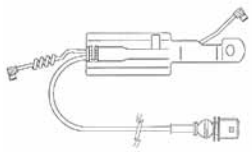
FCV1367B
4550 HAL DB22



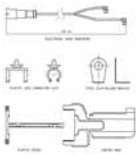
FCV4344PTS
4569 KNR SB/SN7



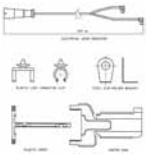
FAI166 ↔ 450mm
2



FAI171 ↔ 430mm
2



FAI172 ↔ 940mm
2

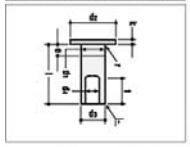




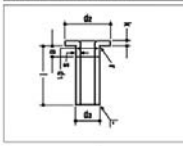
	∅	A	B	C	D		Kg		ABS
FCR199A	430	45.0	38.0	155	280	10x26.5	36.2		✓
FCR200A	377	45.0	38.0	138	169	8xM14	27.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

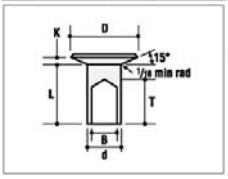
Type B – Semi-Tubular Rivet

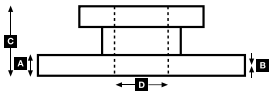


Type C – Tubular Rivet

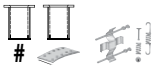


Type A – Semi Tubular Rivets









...CRANE FRUEHAUF

SMB C5

360 x 200 (SMB C5)			**K19718.0**	4 4	19718 19179	360 360	169 169	200 200	20,5/17,7 19,1/11,35		**96**				

DAF

All

4 wheel trailer		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
4 wheel trailer for BPW axle		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
12-13 to Payload		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
BPW-axle		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
ELT 3218 & ELT 3219		All	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
ELT-3224 Eurotrailer 21 to		All	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
LT 3200-1800 Low Loader		All	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
LVW 1616, 16 Ton Gross		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
Tandem-axle		All	**K19150.0**	4 4	19150 19151	419 419	209 216	152 152	▶18,3 ▶18,8		**80**	93685 93685			
Trailers LVW 1616		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

DISCOS

Trailer

Haldex-Brake Intra disc DB22 MKII, MKIII	2000→		**FCV1367B**	4	29143		248	105	30					FAI171/FAI172	
Haldex-Brake Intra disc DB22 MKIV, Modul-X			**FCV1901B**	4	29120		248	105	30					FAI171/FAI172	
Hendricksons (22, 5") Knorr SB/SN7	1998→		**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
Knorr SB/SN5	2000→		**FCV1277BFE**	4	29183		185	84	27/34						
NR5 / 10DCL-9 / 10DCLG-9 / 10DCL-10.5 22, 5" Knorr SB7	1999→		**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
TE Axles Knorr SK7			**FCV1657B**	4	29158		210.8	108	30						
TE3, TZ3 19, 5" Knorr SB/SN6			**FCV1275BFE**	4	29197	377	211	93	30						**FCR190A**
TE5, TZ5 22, 5" Knorr SB/SN7			**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**
TZ/ 1C7-10.5 22, 5" Knorr SB/SN7	2000→		**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**

DORSEY

All

419 x 218mm ROR			**K19369.0**	4 4	19369 19370	419 419	189 192	218 218	▶18,7 ▶19,3		**96** **96**	93685 93685			

DYSON

All

311 x 178mm			**K19783.0**	4 4	19783 19784	311 311	148 146	178 178	▶14,6 ▶14,3		**96**	93684 93684			
311 x 190mm			**K19604.0**	4 4	19604 19605	311 311	126 158	190 190	▶14,8 ▶16,1		**80**	93685 93685			
387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
419 x 178mm			**K19036.0**	4 4	19036 19037	419 419	188 194	178 178	▶18,6 ▶18,0		**96**	93685 93685			
419 x 218mm			**K19369.0**	4 4	19369 19370	419 419	189 192	218 218	▶18,7 ▶19,3		**96** **96**	93685 93685			

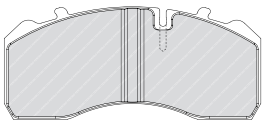
FODEN

All

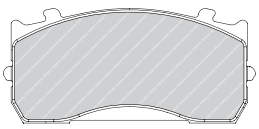
381 x 177mm		R	**K19385.0**	6 2	19384 19385	381 381	188 188	178 178	▶18,15 ▶18,15		**96**	93684 93684			
419 x 178mm		R	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683			
419 x 203mm		R	**K00622.0**	4 4	19606 19557	419 419	188 192	203 203	▶19,2 ▶18,6	Conical drilling	**128**	93281 93281			

FERODO

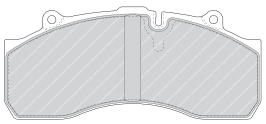
FCV1275BFE
4550 KNR SB/SN6...



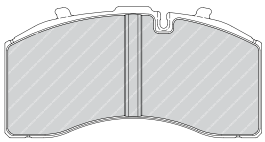
FCV1277BFE
4550 KNR SB/SN5...



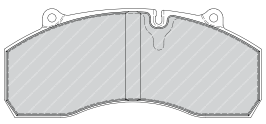
FCV1367B
4550 HAL DB22



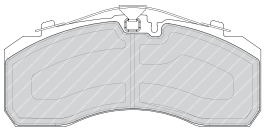
FCV1657B
4550 KNR SK7...



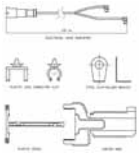
FCV1901B
4550 HAL DB22



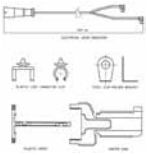
FCV4296PTS
4550 KNR SB/SN7



FAI171 ↔ 430mm
2



FAI172 ↔ 940mm
2

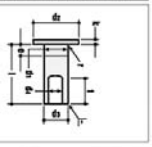




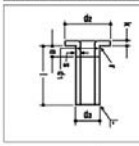
		∅	A	B	C	D		Kg		ABS
FCR145A		430	45.0	37.0	132	211	10xM14	34.2		
FCR190A		377	45.0	37.0	138	176	8xM14	26.4		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

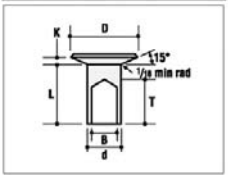
Type B – Semi-Tubular Rivet

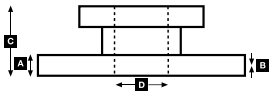


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









FOX

All

387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 203mm			**K19365.0**	4	19366	419	189	203	▶19,3		**96**	93685			
				4	19365	419	192	203	▶18,7			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

FRANCHIN

All

420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 90mm			**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93252			

FROMANT

All

419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

FROMCO

All

419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

FRUEHAUF/BENALU

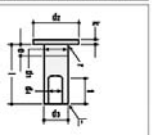
All

16.1/2 x 7"		All	**K19037.0**	4	19037	419	192	178	▶18,0	Rivet 5mm	**96**	93275			
419 x 178mm				4	19036	419	189	178	▶18,6			93275			
			K19036.0	4	19036	419	189	178	▶18,6	Rivet 8mm	**96**	93252			
				4	19037	419	194	178	▶18,0			93252			
			K19036.0	4	19036	419	188	178	▶18,6	Rivet 6,35mm	**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
16.1/2 x 8"		All	**K19365.0**	4	19366	419	189	203	▶19,3		**96**	93685			
419 x 203mm Conical drilling				4	19365	419	192	203	▶18,7			93685			
311 x 190mm		All	**K19604.0**	4	19604	311	126	190	▶14,8		**80**	93685			
MER Axle				4	19605	311	158	190	▶16,1			93685			
311 x 203mm		All	**K19862.0**	4	19609	311	136	203	▶19,3		**80**	93275			
Propar-Axle P15 A75				4	19608	311	141	203	▶18,4			93275			
360 x 200 (SMB C5)			**K19718.0**	4	19718	360	169	200	20,5/17,7		**96**				
				4	19179	360	169	200	19,1/11,35						
381 x 177, 8mm		All	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
414 x 150mm		All	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
FOU 5DF				2	19199	414	286	150	12,5			93049			
419 x 178mm		All	**K00620.0**	4	19614	419	188	178	▶18,6	Conical drilling	**128**	93281			
Axle SMB C2				4	19613	419	192	178	▶19,2			93281			
419 x 203mm		All	**K00622.0**	4	19606	419	188	203	▶19,2	Conical drilling	**128**	93281			
Axle SMB C1				4	19557	419	192	203	▶18,6			93281			
419 x 218mm		All	**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			
420 x 160mm		All	**K19200.0**	8	19200	420	204	160	▶17,8		**80**	93251			
420 x 180mm		All	**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
Trailers equipped with BPW axles															
420 x 200mm		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

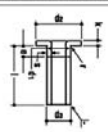
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

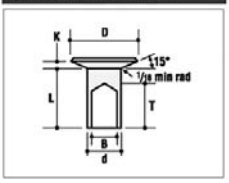
Type B – Semi-Tubular Rivet

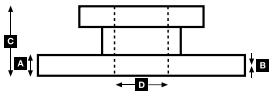


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









GFA (Gothaer Achsen)

All

300 x 80 mm			15 077 16,00 00 8	8	15077	300	148	80	▶16,0		48	93251			
300 x 100 mm			17 347 18,00 00 8	8	17347	300	145	100	▶18,0		64	93251			
420 x 120 mm			17 377 18,00 00 8	8	17377	420	204	120	▶18,0		80	93058			
420 x 180 mm			K19032.0	8	19032	420	205	180	▶17,8		80	93251			

GIGANT GROUP

S.A.E. (Dupillier)

Haldex-Brake Intra disc DB22 MKII, MKIII			FCV1367B	4	29143		248	105	30					FAI171/FAI172	
Haldex-Brake Intra disc DB22 MKIV, Modul-X			FCV1901B	4	29120		248	105	30					FAI171/FAI172	
Haldex Disc Brake DB22LT (22, 5")	01/06→		FCV1814BFE	4	29195		210	93.8	30	Eurotrailer axle application between 9 and 11 tons					
Knorr SB6…			FCV1329BFE	4	29197	377	211	93	30						FCR200A
Knorr SB7…			FCV4344PTS	4	29253	430	248	108	30						FCR199A
Wabco PAN19-1			FCV4043	4	29159	377	211	93	30	FAC166 (SPRINGS)/FAC170(FORKS)			FAC166/FAC170	FAI168	FCR202A
Wabco Pan22			FCV1366	4	29154		248	108	30						

S.A.E. (Dupillier)

300 x 100 mm		R	K17347.0	8	17347	300	145	100	17,0		64	93251			
300 x 200mm		R	19 103 10,00 60 8	8	19103	300	142	200	10,0		64	93251			
305 x 80mm (S 3208)		R	15 799 11,50 66 8	8	15799	305	141	80	11,5		48	93049			
305 x 125mm		R	17 897 15,80 00 6	4	17897	305	151	125	▶15,8		48	93252			
				4	17898	305	143	125	▶15,9			93252			
305 x 150mm		R	K19760.0	4	19760	305	144	150	▶15,9		48	93252			
				4	19761	305	140	150	▶15,8			93252			
305 x 200mm		R	K19762.0	4	19762	303	143	200	▶15,9		64	93252			
				4	19763	303	141	200	▶15,8			93252			
305 x 200mm, S 3120, S 3220		R	K19405.0*	8	19405	305	141	200	11,5	*use 19 405 11,50 60 8	48	93049			
355 x 150mm, S 3515		R	K19912.0	4	19913	355	168	150	▶18,8		80	93252			
				4	19912	355	157	150	▶18,0			93252			
355 x 200mm, S 3520		R	K19892.0	4	19892	355	157	200	▶18,0		80	93252			
				4	19893	355	168	200	▶18,8			93252			
405 x 125mm, S 4112		R	J1233928	8	17761	405	180	125	11,5		48	93049			
419 x 178mm, RS 8041		R	K19037.0	4	19037	419	192	178	▶18,0		96	93275			
				4	19036	419	189	178	▶18,6			93275			
419 x 203, 2mm 16 1/2 x 8"		R	K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281			
				4	19557	419	192	203	▶18,6			93281			
419 x 203mm Conical drilling		R	K19365.0	4	19366	419	189	203	▶19,3		96	93685			
				4	19365	419	192	203	▶18,7			93685			
420 x 160mm, S 4416		R	K19200.0	8	19200	420	204	160	▶17,8		80	93251			
420 x 178mm SKRS 9042		R	K19283.0	4	19283	420	177	178	▶20,6		64	93251			
				4	19284	420	183	178	▶20,0			93251			
420 x 200mm, S 4420		R	K19094.0	8	19094	420	202	200	▶17,8		80	93251			
420 x 203mm SKRS		R	K19477.0	4	19477	420	188	203	▶20,6		64	93251			
				4	19478	420	192	203	▶20,0			93251			

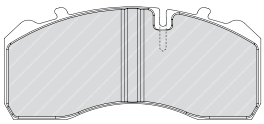
SMB

Haldex-Brake Intra disc DB22 MKIV, Modul-X			FCV1901B	4	29120		248	105	30					FAI171/FAI172	
Haldex-Brake Intra disc DB22 MKII, MKIII	2000→		FCV1367B	4	29143	430	248	105	30					FAI171/FAI172	FCR199A
Haldex Disc Brake DB22LT (22, 5")	01/06→		FCV1814BFE	4	29195		210	93.8	30	Eurotrailer axle application between 9 and 11 tons					
Haldex Disc Brake DB19	01/06→		FCV1815BFE	4	29207		210	92	30					FAI175	
Knorr SB6-Brake (19,5")	2000→		FCV1275BFE	4	29197	377	211	93	30						FCR200A
Knorr SB7-Brake (22, 5")	2000→		FCV4296PTS	4	29253	430	248	108	30						FCR199A
Wabco PAN22-Brake (22, 5")	2000→		FCV1366	4	29154	430	248	108	30					FAI166	FCR199A

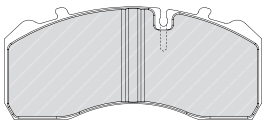
SMB

311 x 203mm (C 3)		R	K19862.0	4	19609	311	136	203	▶19,3		80	93275			
				4	19608	311	141	203	▶18,4			93275			
360 x 200 (SMB C5)		R	K19718.0	4	19718	360	169	200	20,5/17,7		96				
				4	19179	360	169	200	19,1/11,35						

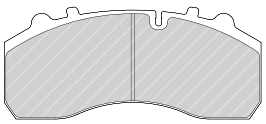
FCV1275BFE
4550 KNR SB/SN6...



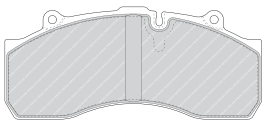
FCV1329BFE
4569 KNR SB/SN6...



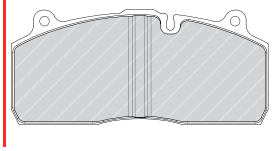
FCV1366
4550 WAB PAN 22



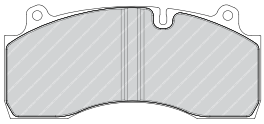
FCV1367B
4550 HAL DB22



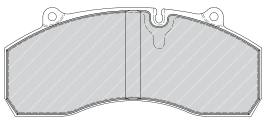
FCV1814BFE
4581 HAL DB22LT



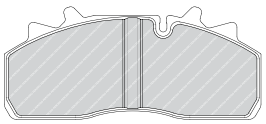
FCV1815BFE
4581 HAL DB19



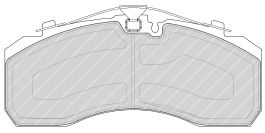
FCV1901B
4550 HAL DB22



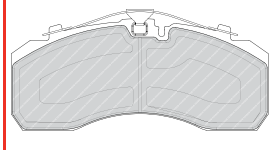
FCV4043
4569 WAB PAN 19-1



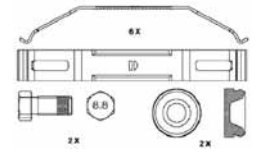
FCV4296PTS
4550 KNR SB/SN7



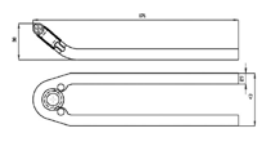
FCV4344PTS
4569 KNR SB/SN7



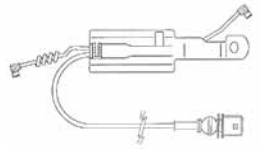
FAC166 ↔
2



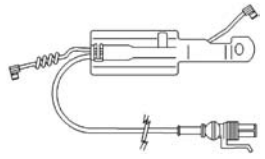
FAC170 ↔
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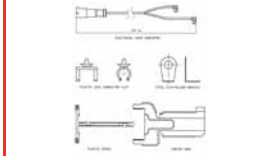
FAI166 ↔ 450mm
2



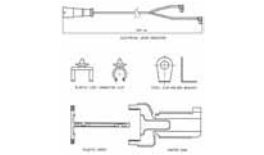
FAI168 ↔ 380mm
2



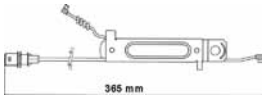
FAI171 ↔ 430mm
2



FAI172 ↔ 940mm
2



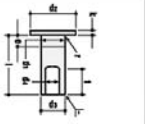
FAI175 ↔ 365mm
2



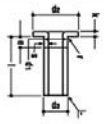
		∅	A	B	C	D		Kg		ABS
FCR199A		430	45.0	38.0	155	280	10x26.5	36.2		✓
FCR200A		377	45.0	38.0	138	169	8xM14	27.0		✓
FCR202A		377	45.0	38.0	157	169	8x23	27.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

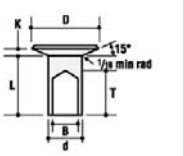
Type B – Semi-Tubular Rivet

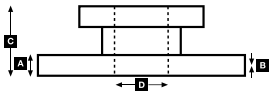


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...GIGANT GROUP

...SMB

419 x 178mm (C 2)		R	**K00620.0**	4	19614	419	188	178	▶18,6	Conical drilling	**128**	93281			
				4	19613	419	192	178	▶19,2	Conical drilling		93281			
419 x 203mm (C1 + L1)		R	**K00622.0**	4	19606	419	188	203	▶19,2	Conical drilling	**128**	93281			
				4	19557	419	192	203	▶18,6	Conical drilling		93281			

Trenkamp & Gehle

Protec-axle for Knorr SB5			**FCV1277BFE**	4	29183		185	84	27/34						
Protec-axle for Knorr SB6			**FCV1329BFE**	4	29197		211	93	30						
Protec-axle for Knorr SB7			**FCV4344PTS**	4	29253	430	248	108	30	No ABS					**FCR293A**
						430	248	108	30	ABS					**FCR294A**

GKN FAD Axles

300 x 100			**57 251 11,00 00 4**	4	57251	300	248.5	100	11						
300 x 135			**57 248 11,00 00 4**	4	57248	300	248	135	11	16.5mm counter bore Ø					
			57 250 11,00 00 4	4	57250	300	246.6	135	11	18.5mm counter bore Ø					
300 x 150			**59 338 11,00 00 4**	4	59338	300	286	150	11						
300 x 160			**59 335 11,00 66 4**	4	59335	300	286	160	11						
400 x 120			**K17016.2**	8	17016	400	192.7	120	11						

GORICA

All

300 x 200mm Jumbo		R	**19 676 10,00 60 4**	4	19676	300	265	200	10,0		**56**	93252			
360 x 200mm Jumbo		R	**K19902.0**	4	19902	360	159	200	▶17,8		**72**	93251			
				4	19903	360	188	200	▶17,8			93251			
420 x 180mm		R	**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm		R	**K19644.0***	8	19644	420	204	200	▶17,8	*use 19 644 17,80 00 8	**80**	93252			

GRANNING LYNX

All

Axle trailers, Wheel =19.5 Knorr SB6… Truck wheel=22.5 Knorr SB7	2000→		**FCV1329BFE** **FCV4344PTS**	4 4	29197 29253	377	211 248	93 108	30 30						**FCR260A**

All

311x190mm		R	**K19604.0**	4	19604	311	126	190	▶14,8		**80**	93685			
				4	19605	311	158	190	▶16,1			93685			

HANDS

All

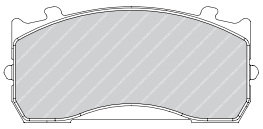
387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

HIGHWAY

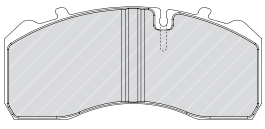
All

387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

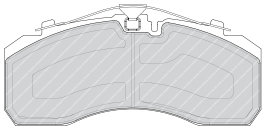
FCV1277BFE
4550 KNR SB/SN5…



FCV1329BFE
4569 KNR SB/SN6…



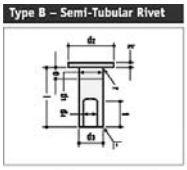
FCV4344PTS
4569 KNR SB/SN7



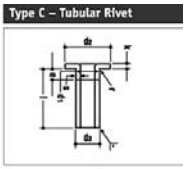
	∅	A	B	C	D		Kg		ABS
FCR260A	377	45.0	37.0	138	169	8xM14	26.4		
FCR293A	430	45.0	38.0	160	290	10x23	34.5		
FCR294A	430	45.0	38.0	160	290	10x23	37.4		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

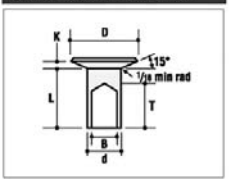
Type B – Semi-Tubular Rivet

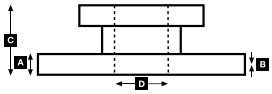


Type C – Tubular Rivet

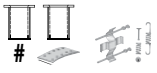


Type A – Semi Tubular Rivets









HOYNOR

All

311 x 178mm			**K19783.0**	4	19783	311	148	178	▶14,6		**96**	93684			
				4	19784	311	146	178	▶14,3			93684			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

ILASA-TMM

All

410 x 200mm			**K19879.0**	4	19879	410	162	200	▶17,3		**104**	93049			
				4	19881	410	162	200	▶16,5			93049			

ITAS

All

420 x 200mm			19 677 17,80 00 8	8	19677	420	204	200	▶17,8		**80**				

KAISER

All

300 x 200mm SAF			**K19515.0**	4	19516	300	132	200	▶16,6		**64**	93252			
				4	19515	300	127	200	▶15,7			93252			
303 x 200mm SAE S3320			**K19762.0**	4	19762	303	143	200	▶15,9		**64**	93252			
				4	19763	303	141	200	▶15,8			93252			
305 x 150mm SAE S3315			**K19760.0**	4	19760	305	144	150	▶15,9		**48**	93252			
				4	19761	305	140	150	▶15,8			93252			
305 x 200mm SAE S3120/3220			**K19405.0***	8	19405	305	141	200	11,5	*use 19 405 11,50 60 8	**48**	93049			
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 178mm SAF			**K19037.0**	4	19037	419	192	178	▶18,0		**96**	93275			
				4	19036	419	189	178	▶18,6			93275			
419 x 203mm			**K19365.0**	4	19366	419	189	203	▶19,3		**96**	93685			
				4	19365	419	192	203	▶18,7			93685			
420 x 178mm SAF SNF			**K19283.0**	4	19283	420	177	178	▶20,6		**64**	93251			
				4	19284	420	183	178	▶20,0			93251			
420 x 180mm SAF SNF			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm SAF SNF			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			
420 x 203mm SAF SNF			**K19477.0**	4	19477	420	188	203	▶20,6		**64**	93251			
				4	19478	420	192	203	▶20,0			93251			

KÄSSBOHRER

300 x 200mm

Cam brake, 1. Series		All	19 103 10,00 60 8	8	19103	300	142	200	10,0		**64**	93251			
S-Cam brake, series 2, low loader		All	**K19568.0**	8	19568	300	140	200	▶18,0		**64**	93252			
S-Cam brake		All	**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251			

400 x 80mm

All		All	**K15247.0***	4	15247	400	388	80	8,0	*use 15 247 08,00 60 4	**40**	93251			

400 x 150mm

All		All	**K19168.0***	4	19168	400	214	150	▶19,4	*use 19 168 19,40 00 6	**80**	93252			
				4	19169	400	215	150	▶19,8			93252			

400 x 200mm

S-Cam brake, 8 to-axle		All	**K19166.0**	4	19166	400	215	200	19,8		**80**	93252			
				4	19167	400	215	200	19,4			93252			

420 x 120mm

All		All	17 377 18,00 00 8	8	17377	420	204	120	▶18,0		**80**	93251			

420 x 180mm

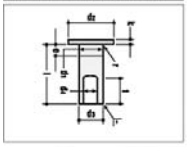
All		All	**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			

420 x 200mm

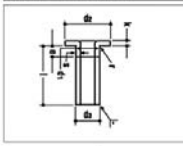
All		All	**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

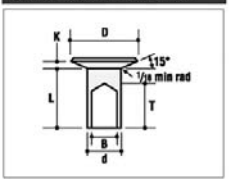
Type B – Semi-Tubular Rivet

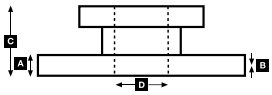


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









KESSLER

410 x 180 mm



Old version 8 holes			**K19723.0***	8	19723	410	178	180	▶18,2	*use 19 723 18,20 00 8	**64**	93067			
New version 10 holes			**19 113 18,20 00 8**	8	19113	410	178	180	▶18,2		**80**	93067			

500 x 120 mm



Old version 8 holes			**17 237 17,80 00 8**	8	17237	500	253	120	▶17,8		**64**	93067			
New version 10 holes			**17 374 17,80 00 8**	8	17374	500	253	120	▶17,8	New version 10 holes	**80**	93067			

500 X 160 mm



Old version 8 holes			**19 687 17,80 00 8**	8	19687	500	253	160	▶17,8		**64**	93067			
New version 10 holes			**19 042 17,80 00 8**	8	19042	500	253	160	▶17,8		**80**	93059			

500 x 180 mm



Old version 8 holes			**19 690 17,80 00 8**	8	19690	500	253	180	▶17,8		**64**	93067			
New version 10 holes			**19 041 17,80 00 8**	8	19041	500	253	180	▶17,8		**80**	93059			

KING

All



300 x 200mm			**K19515.0**	4	19516	300	132	200	▶16,6		**64**	93252			
				4	19515	300	127	200	▶15,7			93252			
311 x 178mm			**K19783.0**	4	19783	311	148	178	▶14,6		**96**	93684			
				4	19784	311	146	178	▶14,3			93684			
394 x 178mm			**K19333.0**	4	19334	394	195	178	17,5/14,1		**96**				
				4	19333	394	192	178	17,3/5,6						

KNOTT

All



250 x 40mm 2-2, 5 to Payload GA 2-2, 5/246K 4-01 K 5-01/249 K, K 1-01		R	**11 284 05,00 60 4**	4	11284	250	262	40	5,0		**40**	93021			
300 x 120mm GA 4, GA 5/6		R	**17 183 10,00 60 8**	8	17183	300	142	120	10,0		**64**	93252			
350 x 60mm		R	**15 044 06,00 60 4**	4	15044	350	339	60	6,0		**40**	93047			
400 x 80mm		R	**15 031 09,30 60 4**	4	15031	400	418	80	9,3		**64**				
408 x 160mm		R	**K19634.0***	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6	**64**	93067			
				4	19635	410	207	160	▶15,9			93067			
410 x 180mm for mobile crane		R	**K19723.0***	8	19723	410	178	180	▶18,2	*use 19 723 18,20 00 8 / Old version	**64**	93067			
			19 113 18,20 00 8	8	19113	410	178	180	▶18,2	new version	**80**	93067			
500 x 120mm for mobile crane		R	**17 237 17,80 00 8**	8	17237	500	253	120	▶17,8	old version	**64**	93067			
			17 374 17,80 00 8	8	17374	500	253	120	▶17,8	new version	**80**	93067			
500 x 160mm for mobile crane		R	**19 687 17,80 00 8**	8	19687	500	253	160	▶17,8	old version	**64**	93067			
			19 042 17,80 00 8	8	19042	500	253	160	▶17,8	new version	**80**	93067			
500 x 180mm for mobile crane		R	**19 690 17,80 00 8**	8	19690	500	253	180	▶17,8	old version	**64**	93067			
			19 041 17,80 00 8	8	19041	500	253	180	▶17,8	new version	**80**	93067			

LAG

All



300x200mm			**K19515.0**	4	19516	300	132	200	▶16,6		**64**	93252			
				4	19515	300	127	200	▶15,7			93252			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3		**96**	93685			
420x200 (BPW)			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

LECITRAILER

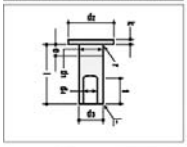
All



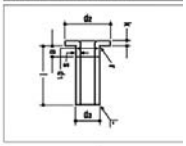
300 x 200mm			**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251			
420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

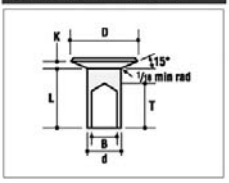
Type B – Semi-Tubular Rivet

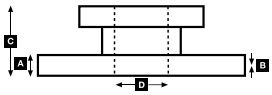


Type C – Tubular Rivet

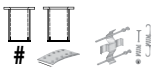


Type A – Semi Tubular Rivets











LOHR

All

303 x 200mm SAE S3320			**K19762.0**	4	19762	303	143	200	▶15,9		64	93252			
				4	19763	303	141	200	▶15,8			93252			
305 x 125mm SAE S3312			**17 897 15,80 00 6**	4	17897	305	151	125	▶15,8		48	93252			
				4	17898	305	143	125	▶15,9			93252			
305 x 150mm SAE S3315			**K19760.0**	4	19760	305	144	150	▶15,9		48	93252			
				4	19761	305	140	150	▶15,8			93252			
355 x 150mm			**K19912.0**	4	19913	355	168	150	▶18,8		80	93252			
				4	19912	355	157	150	▶18,0			93252			
400 x 150mm KÄSSBOHRER			**K19168.0***	4	19168	400	214	150	▶19,4	*use 19 168 19,40 00 6	80	93252			
				4	19169	400	215	150	▶19,8			93252			

MADURAUD

All

414 x 150mm			**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			

MERITOR

All

LM-axle (19, 5") 11 tonnes Meritor DX195	1998→		**FCV1857BFE**	4	29155	378	205	102	27							
						377										
LM-axle Axial Actuation D Elsa 2	02/00→		**FCV1653BFE**	4	29156	434	250	118	30							
LM-axle Elsa 195	2003→		**FCV1624B**	4	29169	378	211	100	30							
						377										
LM/TM axles (19.5" wheels)	2006→		**FCV1624B**	4	29169		211	100	30							
TA-axle (22, 5") 13 tonnes D DUCO	06/00→		**FCV1388B**	4	29125		250	111	29							
TA-axle Axial Actuation D Elsa 2	02/00→		**FCV1653BFE**	4	29156	434	250	118	30							
TA-axle Elsa 195	2003→		**FCV1624B**	4	29169	378	211	100	30							

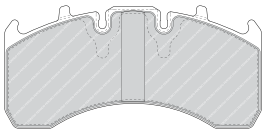
All

311 x 178mm 12.1/4 x 7" S-Cam brake		R	**K19783.0**	4	19783	311	148	178	▶14,6		96	93684			
				4	19784	311	146	178	▶14,3			93684			
311 x 190mm 12.1/4 x 7.1/2" Type AC		R	**K19604.0**	4	19604	311	126	190	▶14,8		80	93685			
				4	19605	311	158	190	▶16,1			93685			
350 x 200mm, Type B		R	**K19908.0**	4	19908	350	149	200	▶18,1		80	93685			
				4	19909	350	151	200	▶18,8			93685			
381 x 177, 8mm		R	**K19385.0**	6	19384	381	188	178	▶18,15		96	93684			
				2	19385	381	188	178	▶18,15			93684			
394 x 178mm			**K19333.0**	4	19334	394	195	178	17,5/14,1		96				
				4	19333	394	192	178	17,3/5,6						
410 x 180mm		R	**K19555.0**	6	19556	410	180	180	▶20,4	Old version. →4/96	96	93251			
				2	19555	410	180	180	▶20,4			93251			
		R	**K19714.0**	4	19556	410	180	180	▶20,4	New version. 5/96→	96	93251			
				2	19715	410	196	180	▶21,9			93251			
				2	19714	410	196	180	▶22,2			93251			
410 x 200mm		R	**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	96	93251			
				2	19554	410	180	200	▶20,4			93251			
		R	**K19716.0**	4	19553	410	180	200	▶20,4	New version. 5/96→	96	93251			
				2	19717	410	196	200	▶21,9			93251			
				2	19716	410	196	200	▶22,2			93251			
419 x 203mm 16.1/2 x 8" Type C12SL030		R	**K19365.0**	4	19366	419	189	203	▶19,3	Rivet 6,35mm	96	93685			
				4	19365	419	192	203	▶18,7			93685			
419 x 218mm 16.1/2 x 8.5/8" Type Z		R	**K19369.0**	4	19369	419	189	218	▶18,7	Rivet 6,35mm	96	93685			
				4	19370	419	192	218	▶19,3		96	93685			
		R	**K19369.0**	4	19369	419	194	219	▶18,7	Rivet 8mm	96	93252			
				4	19370	419	189	219	▶19,3			93252			
419 x 178mm, Typ Q 16.1/2 x 7" Conical drilling		R	**K19036.0**	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 178mm 16.1/2 x 7" New Brake Q plus, LM - axle		R	**K19030.0**	4	19030	419	189	177	▶22,0		96	93684			
				4	19033	419	195	177	▶21,4			93684			

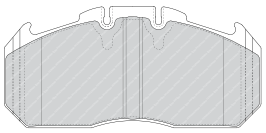
FCV1388B
4562 MER D-DUCO



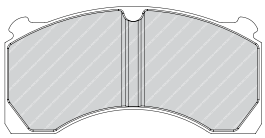
FCV1624B
4562 MER ELSA195



FCV1653BFE
4572 MER D-ELSA2

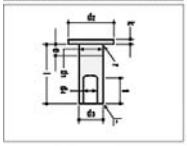


FCV1857BFE
4550 MER DX195

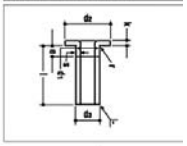


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

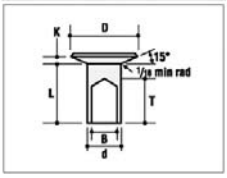
Type B – Semi-Tubular Rivet

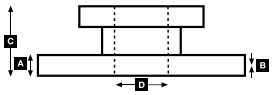


Type C – Tubular Rivet



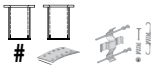
Type A – Semi Tubular Rivets













MERRIWORTH

All

419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 203mm			K19365.0	4	19366	419	189	203	▶19,3		96	93685			
				4	19365	419	192	203	▶18,7			93685			

MULTIWHEEL

All

387 x 108mm			K17134.0	4	17134	387	360	108	9,5		48				
419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			

MURFITT

All

419 x 218mm		F	K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			
		R	K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			

NICOLAS

All

303 x 200mm SAE S3320			K19762.0	4	19762	303	143	200	▶15,9		64	93252			
				4	19763	303	141	200	▶15,8			93252			

NORTHERN

All

419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3			93685			

PEAK

All

419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			

PEITZ

All

230 x 40mm		R	11 082 05,00 60 4	4	11082	230	230	40	5,0		32	93020			
250 x 40mm		R	11 084 05,00 60 4	4	11084	250	245	40	5,0		40	93020			
			11 084 05,00 60 4	4	11284	250	262	40	5,0		40	93021			
300 x 150mm		R	19 102 10,00 60 8	8	19102	300	141	150	10,0		64	93251			
310 x 80mm		R	55 173 08,00 60 4	4	55173	310	307	80	8,0		64	93049			
			15 826 08,00 60 8	8	15826	310	152	80	8,0	Or split linings	64	93049			
350 x 60mm		R	15 044 06,00 60 4	4	15044	350	339	60	6,0		40	93047			

Servo brake

300 x 60mm		R	15 004 05,00 60 4	4	15004	300	290	60	5,0		64	93021			

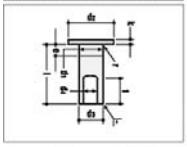
PERLINI

All

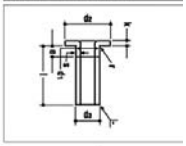
420 x 90mm		R	K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93252			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93020	7.5	04x08	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

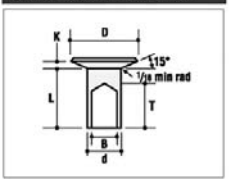
Type B – Semi-Tubular Rivet

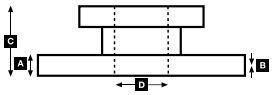


Type C – Tubular Rivet



Type A – Semi Tubular Rivets










PERROT BREMSEN (WABCO)

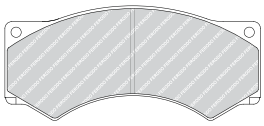
All

1000 V-G for MAN, Neoplan		F	**FCV987**	4	29055		176	83	22						
		R	**FCV987**	4	29055		176	83	22						
1600 V-G for DAF		F	**FCV1042**	4	29077		205	106	27						
for DAF, IVECO, Leyland		F	**FCV376**	4	29017		191	89	23						
			FCV503	4	29024		191	89	23						
for IVECO		F	**FVR492**	4	21006		149	69	18						
			FVR709	4	29012		149	69	18						
			FVR516	4	29040		149	69	18						
			FCV952	4	29029		191	87	23						
			FVR852	4	29001		174	69	20						
			FCV983	8	29018		162	162	28						
for Mercedes-Benz, Volkswagen		F	**FVR1879**	4	29153		165	73	19,7						
		R	**FVR1879**	4	29153		165	73	19,7						
PAN17 for DAF, Renault Trucks		F	**FCV1279**	4	29088		176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI152 (DAF)/ FAI151 (Ren. T)	
		R	**FCV1279**	4	29088		176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI152 (DAF)/ FAI151 (Ren. T)	
PAN17 for MAN		F	**FCV4283**	4	29088		176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI150 (MAN)	
		R	**FCV4283**	4	29088		176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI150 (MAN)	
PAN17 for IVECO		F	**FCV1354**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI126	**FCR237A**
		R	**FCV1354**	4	29088	330	176	83	26	FAC173 (SPRINGS)/FAC169(FORKS)			FAC173/FAC169	FAI126	**FCR237A**
PAN19-1 for SAF		R	**FCV4043**	4	29159		211	93	30	FAC166 (SPRINGS)/FAC170(FORKS)			FAC166/FAC170	FAI178	
PAN22 for SMB Trailer		R	**FCV1366**	4	29154		248	108	30					FAI166	

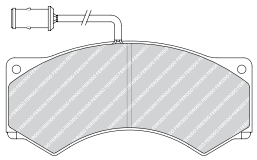
All

230 x 34mm		R	**K11582.0**	2	11582	230	174	34	8,0		**42**	93021		FAI200	
				1	11019	230	207	34	8,0			93021			
				1	11025	230	207	34	8,0			93021			
260 x 55mm		R	**K13532.0**	2	13532	260	201	54	8,0		**52**	93021		FAI200	
				2	13020	260	233	54	8,0			93021			
270 x 80mm for IVECO		R	**15 039 08,00 00 3**	2	15742	270	211	79	8,0		**52**	93038			
				2	15039	270	244	79	8,0		**52**	93038			
270 x 80mm for Mercedes-Benz		R	**K15742.0**	2	15742	270	211	79	8,0		**52**	93038		FAI200	
				2	15030	270	244	79	8,0			93038			
310 x 100mm		R	**K17096.0**	2	17313	310	236	100	12,9		**52**	93048			
				2	17318	310	280	100	12,9			93048			
325 x 80mm		R	**K15732.0**	2	15733	325	256	80	7,0		**56**	93048			
				2	15732	325	298	80	7,0			93048			
325 x 97mm		R	**K15817.0**	2	15817	325	301	97	12,1		**44**	93060			
				2	15823	325	251	97	12,1			93060			
325 x 100mm		R	**K17408.0**	2	17793	325	296	100	8,0		**52**	93048			
				2	17408	325	296	100	8,0			93048			
		R	**K17924.0**	2	17924	325	249	100	12,5	Opt.	**52**	93048			
				2	17925	325	288	100	12,5			93048			
325 x 120mm		R	**K17635.0**	2	17635	325	249	120	12,0		**52**	93048			
				2	17636	325	288	120	12,0			93048			
		R	**K17758.0**	4	17758	325	255	120	8,1	Opt.	**48**	93048			
325 x 147mm		R	**K17900.0**	2	17900	325	301	147	12,1		**44**	93057			
				2	17901	325	251	147	12,1			93057			
325 x 160mm		R	**K19821.0**	2	19822	325	249	160	12,0		**52**	93049			
				2	19821	325	288	160	12,0			93049			
360 x 170mm		R	**K19918.0**	4	19225	360	318	170	14,0		**72**	93252			
			K19503.0	4	19503	360	316	170	16,0	Opt.	**72**	93251			
400 x 140mm Duplex-Bremse		R	**17 248 12,00 60 4**	4	17248	400	321	140	12,0		**48**	93060			
400 x 140mm Servo brake		R	**17 269 12,00 60 3**	2	17269	400	320	140	12,0		**56**	93251			
				4	17336	400	320	140	12,0			93251			
410 x 140mm		R	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6	**64**	93068			
				4	17743	410	210	140	▶16,0			93068			

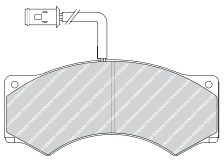
FCV376 3422 WAB 456 F-Ö



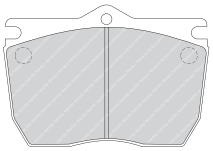
FCV503 3475 WAB 456 F-Ö



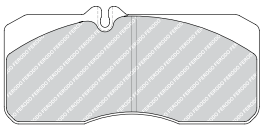
FCV952 3475 WAB 456 F-Ö



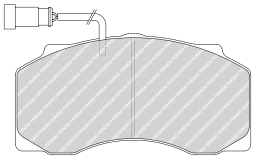
FCV983 3475 WAB 485 F-Ö



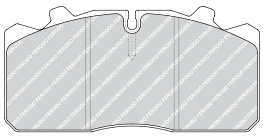
FCV987 4551 WAB 1000 V-G



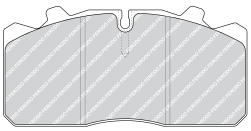
FCV1042 3475 WAB 1600 V-G



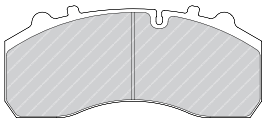
FCV1279 4551 WAB PAN 17



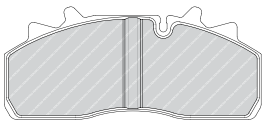
FCV1354 4523 WAB PAN 17



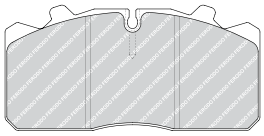
FCV1366 4550 WAB PAN 22



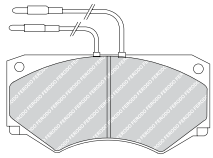
FCV4043 4569 WAB PAN 19-1



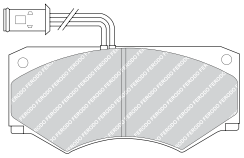
FCV4283 4568 WAB PAN17



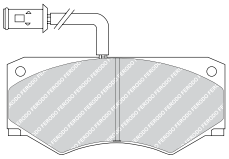
FVR492 3475 WAB



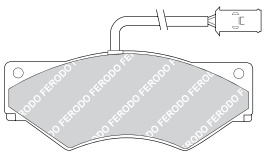
FVR516 3475 PER



FVR709 3422 WAB



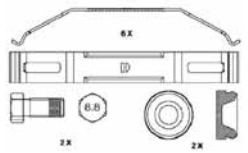
FVR852 3422 WAB



FVR1879 4020 PER



FAC166 ↔



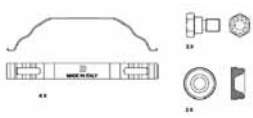
FAC169 ↔



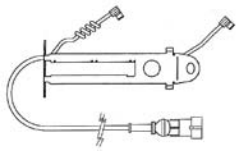
FAC170 ↔



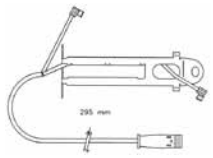
FAC173 ↔



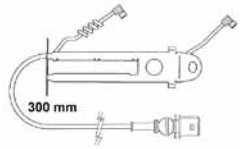
FAI126 ↔ 365mm
2



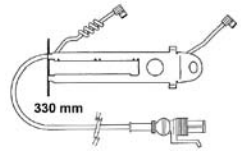
FAI150 ↔ 295mm
2



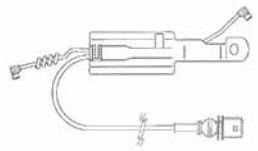
FAI151 ↔ 300mm
2



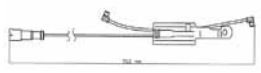
FAI152 ↔ 330mm
2



FAI166 ↔ 450mm
2



FAI178 ↔ 760mm
2



FAI200 ↔ 225mm
4



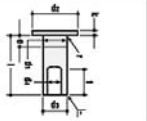


FCR237A

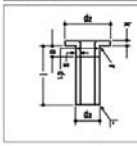
∅	A	B	C	D		Kg		ABS
330	34.0	28.0	141	215	8x20 2xM10	23.2		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

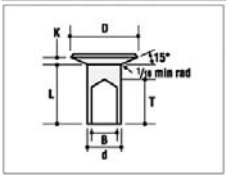
Type B – Semi-Tubular Rivet

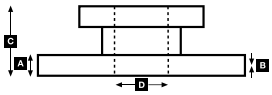


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...PERROT BREMSEN (WABCO)

...All

410 x 160mm		R	**K19634.0***	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6	64	93067			
				4	19635	410	207	160	▶15,9			93067			
		R	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	**19 237 19,40 00 6**	4	19237	410	196	160	▶19,4	Opt.	32	93067			
				4	19238	410	196	160	▶19,3			93067			
410 x 180mm		R	**K19099.0**	6	19100	410	204	180	▶21,5		96	93060			
				2	19099	410	204	180	▶21,5			93060			
		R	**19 084 17,50 00 5**	2	19084	410	192	180	▶17,5	Opt.	64	93067			
				2	19855	410	196	180	▶17,5			93067			
				4	19856	410	192	180	▶17,4			93067			
		R	**K19946.0***	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6 / Opt.	64	93067			
				4	19947	410	193	180	▶18,7			93067			
		R	**K19262.0**	2	19342	410	201	180	▶19,8	Opt.	112	93060			
				6	19262	410	201	180	▶19,8			93060			
		R	**K19558.0**	4	19558	410	210	180	▶16,0	Opt.	64	93067			
				4	19559	410	207	180	▶16,0			93067			
410 x 180mm for mobile Krane		R	**K19723.0***	8	19723	410	177	180	▶18,2	*use 19 723 18,20 00 8 / Old version	64	93068			
			19 113 18,20 00 8	8	19113	410	178	180	▶18,2	new version	80	93067			
410 x 200mm		R	**K19263.0**	2	19343	410	201	200	▶19,8		112	93060			
				6	19263	410	201	200	▶19,8			93060			
410 x 220mm		R	**K19114.0***	4	19114	410	196	220	▶19,4	* use B2740167	96	93067			
				4	19115	410	196	220	▶19,4			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55	Opt.	96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
		R	**K19743.0***	4	19712	410	208	220	▶16,10	*use 19 712 16,10 00 6 / for steel brake shoes →1985	96	93067			
				4	19755	410	211	220	0,16			93067			
		R	**K19743.2**	4	19712	410	208	220	▶18,1	for cast iron brake shoes 1986→	96	93067			
				4	19755	410	211	220	▶18,0			93067			
		R	**K19824.0**	6	19824	410	202	220	▶18,4	Opt.	112	93067			
				2	19838	410	202	220	▶18,4			93067			
420 x 160mm		R	**19 134 14,00 60 5**	4	19134	420	214	160	14,0		32	93067			
				2	19298	420	334	160	14,0			93067			
420 x 180mm		R	**19 019 14,00 60 4**	4	19019	420	391	180	14,0		56	93074			
500 x 120mm for mobile Krane		R	**17 237 17,80 00 8**	8	17237	500	253	120	▶17,8	old version	64	93067			
			17 374 17,80 00 8	8	17374	500	253	120	▶17,8	new version	80	93067			
500 x 160mm for mobile Krane		R	**19 687 17,80 00 8**	8	19687	500	253	160	▶17,8	old version	64	93067			
			19 042 17,80 00 8	8	19042	500	253	160	▶17,8	new version	80	93067			
500 x 180mm for mobile Krane		R	**19 690 17,80 00 8**	8	19690	500	253	180	▶17,8	old version	64	93067			
			19 041 17,80 00 8	8	19041	500	253	180	▶17,8	new version	80	93067			

PIACENZA

All

300 x 200mm			**K19574.0**	8	19574	300	144	200	▶18,0		64	93251			
335 x 210mm			**K19700.0**	8	19700	335	156	210	14,5		128	93684			
420 x 90mm			**K15494.0**	4	15494	420	397	90	12,0		64	93060			
420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		80	93251			
420 x 200mm			**K19094.0**	8	19094	420	202	200	▶17,8		80	93251			

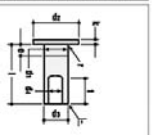
PITT

All

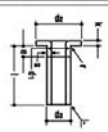
394 x 152mm			**K19072.0**	4	19072	394	360	152	12,7		48	93684			
419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			**K19369.0**	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93074	18	10x17	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

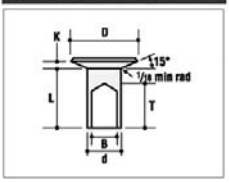
Type B – Semi-Tubular Rivet

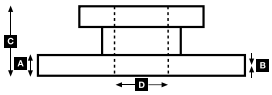


Type C – Tubular Rivet

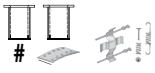


Type A – Semi Tubular Rivets









PRIM-BALL

All

420 x 180mm BPW			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm BPW			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

PRIMROSE

All

419 x 178mm			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			

ROCKWELL

All

360 x 170mm			**K19928.0**	8	19928	360	167	170	18		**96**	93683			
381 x 178mm			**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
410 x 180mm			**K19555.0**	6	19556	410	180	180	▶20,4	Old version. →4/96	**96**	93251			
				2	19555	410	180	180	▶20,4			93251			
			K19714.0	4	19556	410	180	180	▶20,4	New version. 5/96→	**96**	93251			
				2	19715	410	196	180	▶21,9			93251			
				2	19714	410	196	180	▶22,2			93251			
410 x 200mm			**K19553.0**	6	19553	410	180	200	▶20,4	Old version. →4/96	**96**	93251			
				2	19554	410	180	200	▶20,4			93251			
			K19716.0	4	19553	410	180	200	▶20,4	New version. 5/96→	**96**	93251			
				2	19717	410	196	200	▶21,9			93251			
				2	19716	410	196	200	▶22,2			93251			

ROLFO

All

300 x 200mm			**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251			
420 x 90mm			**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93252			
420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

S.A.E → SEE GIGANT GROUP

SAF

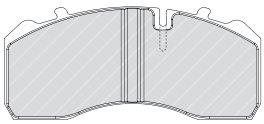
All

9-11 ton (Knorr SK7)			**FCV1657B**	4	29158		210.8	108	30						**FCR202A**
MK II, MKIII DB22 caliper types			**FCV1901B**	4	29120		248	105	30	without bump					**FCR204A**
MK IV, ModulX DB22 caliper types			**FCV1367B**	4	29143	430	248	105	30	with bump				FAI171/FAI172	
Knorr SB/SN6(19,5")			**FCV1329BFE**	4	29197	377	211	93	30						**FCR202A**
						375				Opt					**FCR204A**
Knorr SB/SN7 (22, 5")			**FCV4344PTS**	4	29253	430	248	109	30						**FCR201A**
						430				Opt					**FCR203A**
Wabco PAN19-1			**FCV4043**	4	29159	377	211	93	30	FAC166(SPRINGS)/FAC170(FORKS)			FAC166/FAC170	FAI178	**FCR202A**
						375				Opt					**FCR204A**
Wabco PAN22			**FCV1366**	4	29154	430	248	108	30					FAI166	**FCR201A**
						430				Opt					**FCR203A**
Wabco PAN22-1			**FCV1828**	4	29162	430	210.3	109.8	31	FAC167(SPRINGS)/FAC171(FORKS)			FAC167/FAC171	FAI174	**FCR203A**

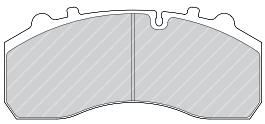
All

250 x 40mm		R	11 284 05,00 60 4	4	11284	250	262	40	5,0		**40**	93021			
300 x 60mm		R	15 004 05,00 60 4	4	15004	300	290	60	5,0		**64**	93021			
300 x 80mmn		R	15 077 16,00 00 8	8	15077	300	148	80	▶16,0		**48**	93251			
300 x 150mm		R	19 102 10,00 60 8	8	19102	300	141	150	10,0		**64**	93251			
300 x 150mm (SN 300 x 150)		R	19 517 15,70 00 6	4	19518	300	131	150	▶16,6		**64**	93252			
				4	19517	300	127	150	▶15,7			93252			

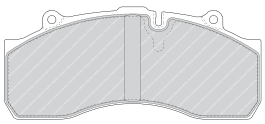
FCV1329BFE
4569 KNR SB/SN6…



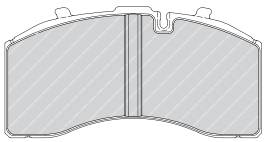
FCV1366
4550 WAB PAN 22



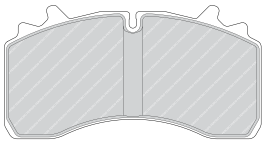
FCV1367B
4550 HAL DB22



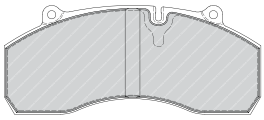
FCV1657B
4550 KNR SK7…



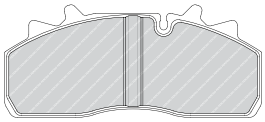
FCV1828
4569 WAB PAN 22-1



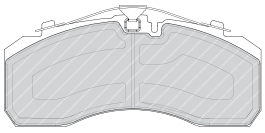
FCV1901B
4550 HAL DB22



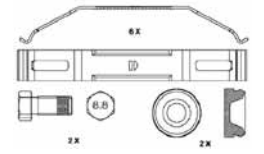
FCV4043
4569 WAB PAN 19-1



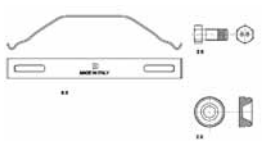
FCV4344PTS
4569 KNR SB/SN7



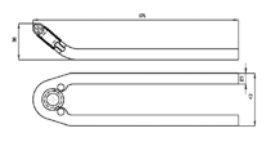
FAC166 ↔



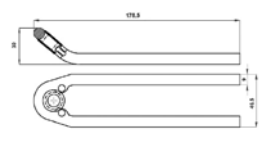
FAC167 ↔



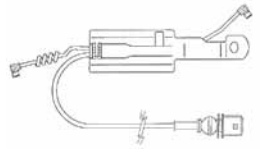
FAC170 ↔



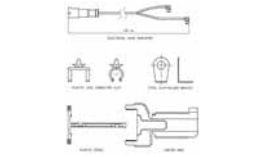
FAC171 ↔



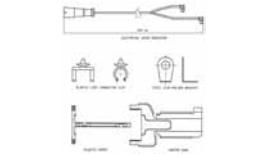
FAI166 ↔ 450mm
2



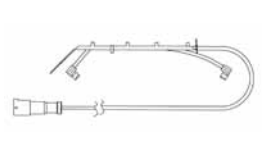
FAI171 ↔ 430mm
2



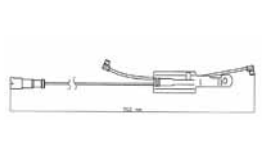
FAI172 ↔ 940mm
2



FAI174 ↔ 770mm
2



FAI178 ↔ 760mm
2

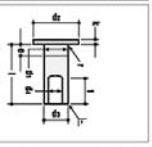




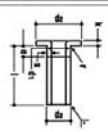
		∅	A	B	C	D		Kg		ABS
FCR201A		430	45.0	37.0	130	131	12x19 3xM12	33.0		
FCR202A		377	45.0	38.0	157	169	8x23	27.0		
FCR203A		430	45.0	37.0	160	192	10x23	38.8		
FCR204A		375	45.0	38.0	139	131	12x19 3xM12	25.4		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

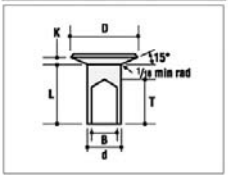
Type B – Semi-Tubular Rivet

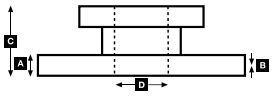


Type C – Tubular Rivet

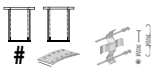


Type A – Semi Tubular Rivets









...SAF

...All 

300 x 200mm		R	19 103 10,00 60 8	8	19103	300	142	200	10,0		64	93251			
300 x 200mm (SN 300 x 200)		R	K19515.0	4	19516	300	132	200	▶16,6		64	93252			
				4	19515	300	127	200	▶15,7			93252			
350 x 60mm		R	15 044 06,00 60 4	4	15044	350	339	60	6,0		40	93047			
355 x 150mm (SN 355 x 150)		R	K19912.0	4	19913	355	168	150	▶18,8		80	93252			
				4	19912	355	157	150	▶18,0			93252			
355 x 200mm (SN 355 x 200)		R	K19892.0	4	19892	355	157	200	▶18,0		80	93252			
				4	19893	355	168	200	▶18,8			93252			
367 x 180mm (SNK 367 x 180)		R	K19480.0	4	19479	367	169	180	▶20,6		64	93252			
				4	19480	367	167	180	▶20,0			93252			
367 x 200mm (SNK 367 x 200)		R	19 490 20,60 00 6	4	19490	367	169	200	▶20,6		64	93251			
				4	19491	367	167	200	▶20,0			93251			
400 x 80mm		R	15 751 12,40 60 8	8	15751	400	195	80	▶12,4		48	93251			
400 x 120mm		R	K17115.0*	8	17115	400	190	120	10,0	*use 17 115 10,00 60 8	64	93252			
419 x 178mm		R	K19037.0	4	19037	419	192	178	▶18,0		96	93252			
				4	19036	419	189	178	▶18,6			93252			
419 x 203mm		R	K19365.0	4	19366	419	189	203	▶19,3		96	93252			
				4	19365	419	192	203	▶18,7			93252			
419 x 203mm		R	K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281			
				4	19557	419	192	203	▶18,6			93281			
420 x 120mm (SNF 420 x 120)		R	17 399 18,00 00 8	8	17399	420	204	120	▶18,0		64	93251			
420 x 160mm		R	K19200.0	8	19200	420	204	160	▶17,8		64	93251			
420 x 178mm (SNK 420 x 180)		R	K19283.0	4	19283	420	177	178	▶20,6		64	93251			
				4	19284	420	183	178	▶20,0			93251			
420 x 180mm (SNF 420 x 180)		R	K19032.0	8	19032	420	205	180	▶17,8		80	93251			
420 x 200mm (SNK 420 x 200)		R	K19477.0	4	19477	420	188	203	▶20,6		64	93251			
				4	19478	420	192	203	▶20,0			93251			
420 x 200mm (SNF 420 x 200)			K19094.0	8	19094	420	202	200	▶17,8		80	93251			

SAMRO

Axles with Disc Brakes 

Fontenax Wabco Pan19-2			FCV1389	4	29142		204.6	99.6	30	FAC168 (SPRINGS)/FAC170(FORKS)			FAC168/FAC170		
Knorr SB7…			FCV4296PTS	4	29253		248	108	30						
Meritor D-ELSA2			FCV1653BFE	4	29156		250	118	30						

All 

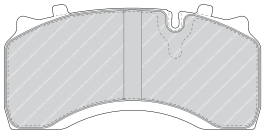
311 x 190mm ROR			K19604.0	4	19604	311	126	190	▶14,8		80	93685			
				4	19605	311	158	190	▶16,1			93685			
350 x 200mm ROR			K19908.0	4	19908	350	149	200	▶18,1		80	93685			
				4	19909	350	151	200	▶18,8			93685			
419 x 178mm ROR			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 203mm ROR			K19365.0	4	19366	419	189	203	▶19,3		96	93685			
				4	19365	419	192	203	▶18,7			93685			
419 x 218mm ROR			K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			

SCAMMELL

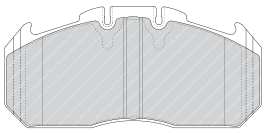
All 

311 x 190mm			K19604.0	4	19604	311	126	190	▶14,8		80	93685			
				4	19605	311	158	190	▶16,1			93685			
387 x 108mm			K17134.0	4	17134	387	360	108	9,5		48				
394 x 127mm			K17546.0	4	17546	394	361	127	12,7		48				
394 x 152mm			K19072.0	4	19072	394	360	152	12,7		48	93684			
419 x 178mm			K19036.0	4	19036	419	188	178	▶18,6		96	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 218mm			K19369.0	4	19369	419	189	218	▶18,7		96	93685			
				4	19370	419	192	218	▶19,3		96	93685			

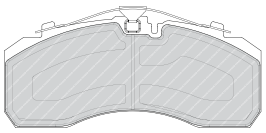
FCV1389
4572 WAB PAN 19-2



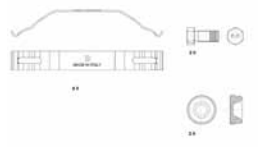
FCV1653BFE
4572 MER D-ELSA2



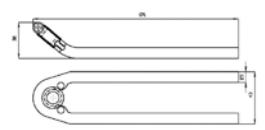
FCV4296PTS
4550 KNR SB/SN7



FAC168 ↔

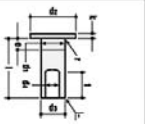


FAC170 ↔

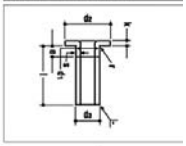


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

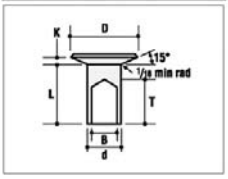
Type B – Semi-Tubular Rivet

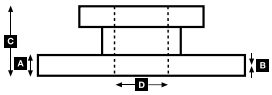


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









SCANIA

All

16.1/4 x 5" 413 x 127mm		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8 / →7/88	**64**	93687			
			K17991.0*	4	17991	413	235	127	19,0	*use 17 991 19,00 00 4, 8/88→	**32**	93280			
16.1/4 x 7" 413 x 178mm		R	**K19075.0**	8	19075	413	193	178	19,0	→7/88	**96**	93687			
			K19931.0	4	19931	413	235	178	19,0	8/88→	**64**	93280			
16.1/4 x 8" 413 x 203mm		R	**K19393.0**	8	19393	413	193	203	19,0	→7/88	**96**	93687			
			K19932.0	4	19932	413	235	203	19,0	8/88→	**64**	93280			
16.1/4 x 10" 413 x 254mm		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8, →7/88	**96**	93687			
			K19933.0	4	19933	413	235	254	19,0	8/88→	**64**	93280			

SEDDON ATKINSON

All

394 x 152mm		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
410 x 200mm		R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

SISU

All

394 x 178 mm		F	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
394 x 203mm		R	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**				
410 x 150 mm			**K19144.0**	4	19144	410	211	150	19,8/18		**96**	93282			
				4	19145	410	211	150	18,9/12,2			93282			
410 x 180 mm			**K19146.0**	4	19146	410	211	180	19,8/18		**96**	93282			
				4	19147	410	211	180	18,9/12,2			93282			
410 X 210 mm			**K19217.0**	4	19217	410	211	210	19,8/18		**96**	93282			
				4	19218	410	211	210	18,9/12,2			93282			
413 x 203mm		R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
419 x 152mm		R	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			

SMB → SEE GIGANT GROUP

TITAN

All

414 x 150mm Bendix			**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
419 x 178mm ROR			**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			

TRABOSA

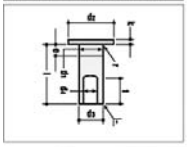
All

300 x 200mm BPW			**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251			

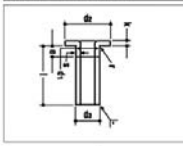
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93282	12.5	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

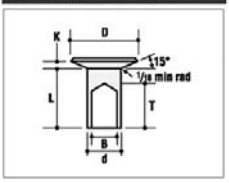
Type B – Semi-Tubular Rivet

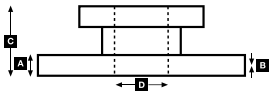


Type C – Tubular Rivet

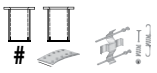


Type A – Semi Tubular Rivets









TRAILOR

All

300 x 150mm		R	19 517 15,70 00 6	4	19518	300	131	150	▶16,6		64	93252			
				4	19517	300	127	150	▶15,7			93252			
300 x 200mm		R	K19967.0*	4	19967	300	132	200	16,3	* use B2800927	96	93275			
				4	19968	300	129	200	15,4			93275			
		R	19 103 10,00 60 8	8	19103	300	142	200	10,0	Opt.	64	93251			
355 x 150mm		R	19 912 18,00 00 6	4	19912	355	157	150	▶18,0	Rivet 5mm	80				
				4	19913	355	157	150	▶18,8						
		R	K19912.0	4	19913	355	168	150	▶18,8	Rivet 8mm	80	93252			
				4	19912	355	157	150	▶18,0			93252			
355 x 150mm H100 TEM			K19912.0	4	19912	355	157	150	▶18,0		80				
				4	19913	355	157	150	▶18,8						
360 x 200 (SMB C5)		R	K19718.0	4	19718	360	169	200	20,5/17,7		96				
				4	19179	360	169	200	19,1/11,35						
419 x 152mm			K19150.0	4	19150	419	209	152	▶18,3		80	93685			
				4	19151	419	216	152	▶18,8			93685			
419 x 178mm		R	K19037.0	4	19037	419	192	178	▶18,0	Cylindrical drilling	96	93275			
				4	19036	419	189	178	▶18,6			93275			
419 x 178mm axle SMB C 2		R	K00620.0	4	19614	419	188	178	▶18,6	Conical drilling	128	93281			
				4	19613	419	192	178	▶19,2			93281			
419 x 203mm			K19365.0	4	19366	419	189	203	▶19,3		96	93252			
				4	19365	419	192	203	▶18,7			93252			
419 x 203mm axle SMB C 1		R	K00622.0	4	19606	419	188	203	▶19,2	Conical drilling	128	93281			
				4	19557	419	192	203	▶18,6			93281			

TRENKAMP & GEHLE → SEE GIGANT GROUP

VIBERTI

All

18 T		R	K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93252			
Unified. 120 q. li		F	K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93252			
		R	K15207.0*	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	64	93252			
420 x 200mm		R	K19094.0	8	19094	420	202	200	▶17,8		80	93251			

VOLVO

Olympian Series:

410 x 200mm		R	K19823.0	6	19786	410	202	200	▶18,9		96	93068			
				2	19823	410	202	200	▶18,9			93068			
410 x 220mm		R	K19824.0	2	19824	410	202	220	▶18,4		112	93067			
				6	19838	410	202	220	▶18,4			93067			

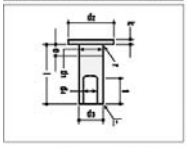
WARSTEINER

All

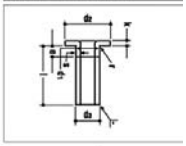
300 x 60mm			15 004 05,00 60 4	4	15004	300	290	60	5,0		64	93021			
300 x 120mm			17 183 10,00 60 8	8	17183	300	142	120	10,0		64	93252			
300 x 150mm			19 102 10,00 60 8	8	19102	300	141	150	10,0		64	93251			
300 x 200mm			19 103 10,00 60 8	8	19103	300	142	200	10,0		64	93251			
350 x 60mm			15 044 06,00 60 4	4	15044	350	339	60	6,0		40	93047			
420 x 120mm			17 377 18,00 00 8	8	17377	420	204	120	▶18,0		80	93251			
420 x 160mm			K19200.0	8	19200	420	204	160	▶17,8		80	93251			
420 x 180mm			K19032.0	8	19032	420	205	180	▶17,8		80	93251			

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93281	12	05x16	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

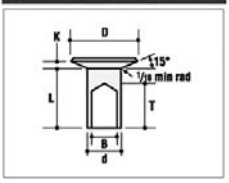
Type B – Semi-Tubular Rivet

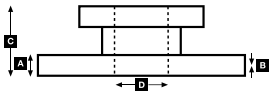


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









YORK TRAILERS

2000 Axle

419 x 178mm		R	**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			

All

311 x 178mm		All	**K19783.0**	4	19783	311	148	178	▶14,6		**96**	93684			
				4	19784	311	146	178	▶14,3			93684			
335 x 150mm Hendrickson Bremse		All	**K17362.0***	8	17362	335	156	150	14,5	*use 17 362 14,50 60 8	**64**	93684			
335 x 210mm		All	**K19700.0**	8	19700	335	156	210	14,5		**128**	93684			
387 x 108mm			**K17134.0**	4	17134	387	360	108	9,5		**48**				
394 x 152,4mm		All	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			
394 x 178mm			**K19333.0**	4	19334	394	195	178	17,5/14,1		**96**				
				4	19333	394	192	178	17,3/5,6						
419 x 178mm		All	**K19036.0**	4	19036	419	188	178	▶18,6		**96**	93685			
				4	19037	419	194	178	▶18,0			93685			
419 x 178mm Cylindrical drilling		All	**K19037.0**	4	19037	419	192	178	▶18,0		**96**	93275			
				4	19036	419	189	178	▶18,6			93275			
419 x 218mm		All	**K19369.0**	4	19369	419	189	218	▶18,7		**96**	93685			
				4	19370	419	192	218	▶19,3			93685			

ZF

All

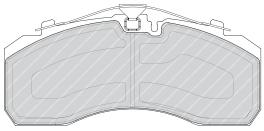
			FCV4296PTS	4	29253		248	108	30						

ZORZI

All

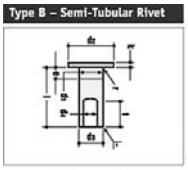
300 x 200mm			**K19574.0**	8	19574	300	144	200	▶18,0		**64**	93251			
350 x 200mm			**K19908.0**	4	19908	350	149	200	▶18,1		**80**	93685			
				4	19909	350	151	200	▶18,8			93685			
420 x 90mm			**K15207.0***	4	15207	420	406	90	8,0	* use 15 207 08,00 60 4	**64**	93252			
420 x 180mm			**K19032.0**	8	19032	420	205	180	▶17,8		**80**	93251			
420 x 200mm			**K19094.0**	8	19094	420	202	200	▶17,8		**80**	93251			

FCV4296PTS
4550 KNR SB/SN7

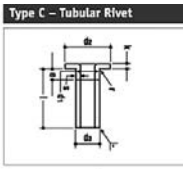


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93252	15.5	08x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93275	12	05x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

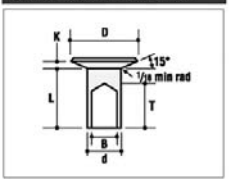
Type B – Semi-Tubular Rivet

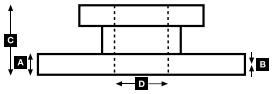


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









AEC

Ranger

4M4L/R	1966→1975	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

Reliance

6MU3R	1969→1975	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

Swift

691	1968→1975	F	K19072.0	4	19072	394	360	152	12,7		48	93684			

ALEXANDER PSV

ALX 100

8.1-8.5m	01/96→	F	FVR501	4	29835	324	175	85	22				FAC174		FCR163A
		R	FVR501	4	29835	324	175	85	22				FAC174		FCR165A

Mini

PSV		F	FVR501	4	29835	324	175	85	22				FAC174		FCR163A
		R	FVR501	4	29835	324	175	85	22				FAC174		FCR165A

AUTOSAN

H10-10M Medium

All		R	K19657.0	4	19463	414	374	175	13,5		72	93059			

H10-11.12

All		F	K19410.0	8	19410	420	182	150	18		64				
		R	K19410.0	8	19410	420	182	150	18		64				

H10-11-12

All		F	K19615.0	4	19615	420	195	180	21,5		128	93684			
				4	19616	420	195	180	▶21,45			93684			
		R	K19615.0	4	19615	420	195	180	21,5		128	93684			
				4	19616	420	195	180	▶21,45			93684			

AYATS

Atlantis

SB7000		F	FCV1598BFE	4	29179		248	109	30						
		R	FCV1598BFE	4	29179		248	109	30						

Atlas

SB7000		F	FCV1598BFE	4	29179		248	109	30						
		R	FCV1598BFE	4	29179		248	109	30						

Bravo 1

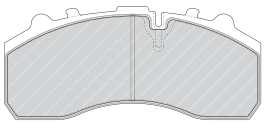
SB7000		F	FCV1598BFE	4	29179		248	109	30						
		R	FCV1598BFE	4	29179		248	109	30						

BEDFORD

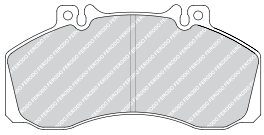
All

BLP (Rear Eng.)	1977→1987	F	K19072.0	4	19072	394	360	152	12,7		48	93684			
		R	K19072.0	4	19072	394	360	152	12,7		48	93684			
YLQ	1975→1987	F	K19072.0	4	19072	394	360	152	12,7		48	93684			
		R	K19072.0	4	19072	394	360	152	12,7		48	93684			
YMQ	1983→1987	F	K19072.0	4	19072	394	360	152	12,7		48	93684			
		R	K19072.0	4	19072	394	360	152	12,7		48	93684			

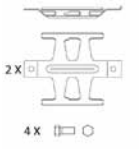
FCV1598BFE
4567 KNR SB/SN7....



FVR501
3422 MER



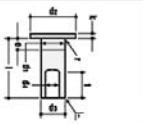
FAC174



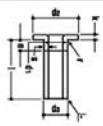
		∅	A	B	C	D		Kg		ABS
FCR163A		324	30.0	26.0	91	118	6xM12	11.0		
FCR165A		324	30.0	26.0	120	157	6xM12	12.2		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

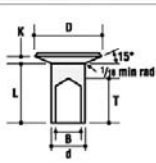
Type B – Semi-Tubular Rivet

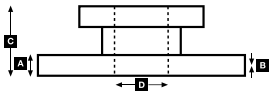


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









BERKHOF PSV

Axial 50



12m	01/91→12/96	F	**FCV769**	4	29043		204	97	24							
	01/97→		**FCV1813B**	4	29090		250	114	28							

Excellence



3000HD		F	**FCV4296PTS**	4	29253	430	248	108	30							**FCR170A**
		R	**FCV4296PTS**	4	29253	430	248	108	30							**FCR170A**

Radial



12m	01/91→12/96	F	**FCV769**	4	29043		204	97	24							
	01/97→		**FCV1813B**	4	29090		250	114	28							

Radial+D361



12m	01/97→	F	**FCV1813B**	4	29090		250	114	28							

Scania Chassis



		F	**FCV4296PTS**	4	29253	430	248	108	30							**FCR170A**
		R	**FCV4296PTS**	4	29253	430	248	108	30							**FCR170A**

BMC

1100 Falcon



School Bus	2002→		**FCV1279**	4	29088		176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169			

BOGDAN

A-092 (Euro-3)



City Mini Bus	2004→	F	**FCV1853**	4	29258	310	206.2	80	20							

A-0100 (Euro-3)



Tourist Bus	2006→	F	**FCV1853**	4	29258	310	206.2	80	20							

BOVA

Futura



FHD 10-290, FHD 10-300, FHD 12-290,	01/86→	F	**FCV594**	8	29747	460	140	121	32	01/90→12/94						**FCR100A**
FHD 12-360, FHD 12-370, FVD 12-220,			**FCV4374BFE**	4	29179	430	248	109	30	01/95→ wear indicator FAI130						**FCR168A**
FVD 12-270										included in the pad set						
						429				01/95→, Opt						**FCR282A**
FLD 14 Knorr SB/SN7…	01/86→	F	**FCV4374BFE**	4	29179	430	248	109	30	wear indicator FAI130 included						**FCR168A**
										in the pad set						
						429				Opt						**FCR282A**

Futura



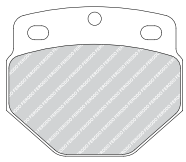
FHD 10-290	1986→	F	**K19890.0**	4	19891	420	179	200	▶19,1		**128**	93685				
FHD 10-300				4	19890	420	177	200	▶18,5			93685				
FHD 12-370		R	**K19890.0**	4	19891	420	179	200	▶19,1		**128**	93685				
FVD 12-220				4	19890	420	177	200	▶18,5			93685				
FVD 12-270		R	**K19063.0**	4	19063	420	177	200	▶20,6	Opt.	**128**	93685				
				4	19064	420	176	200	▶20,8			93685				

Futura (3-Axle)

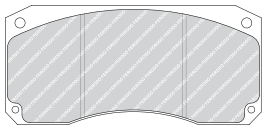


FHD 15-430, FHX 15-420, FLD 15-370	01/95→	F	**FCV4374BFE**	4	29179	430	248	109	30	wear indicator FAI130 included						**FCR168A**
										in the pad set						
						429				Opt						**FCR282A**
		R	**FCV4374BFE**	4	29179	430	248	109	30	wear indicator FAI130 included						**FCR168A**
										in the pad set						
						429				Opt						**FCR282A**
FHD 12.370A Knorr SB/SN6 268kW	01/96→	F	**FCV1275BFE**	4	29197		211	93	30							

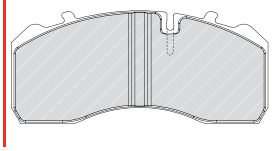
FCV594
3475 KNR K 85



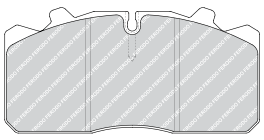
FCV769
3422 MER D2



FCV1275BFE
4550 KNR SB/SN6...



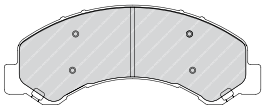
FCV1279
4551 WAB PAN 17



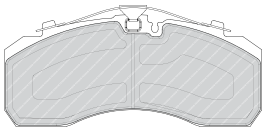
FCV1813B
4567 MER D-LISA



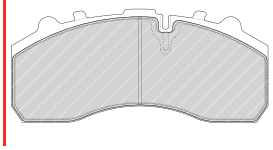
FCV1853
FM2045EE AKE



FCV4296PTS
4550 KNR SB/SN7



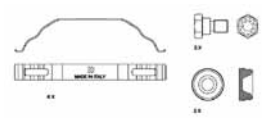
FCV4374BFE
4550 KNR SB/SN7



FAC169 ↔



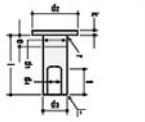
FAC173 ↔



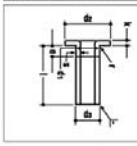
		∅	A	B	C	D		Kg		ABS
FCR100A		460	48.0	40.0	119	170	10xM16	34.0		
FCR168A		430	45.0	37.0	131	203	10xM16	34.4		
FCR170A		430	45.0	37.0	131	208	10xM16	29.5		
FCR282A		429	45.0	37.0	131	220	20xM12	35.5		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

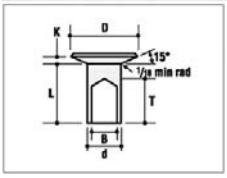
Type B – Semi-Tubular Rivet

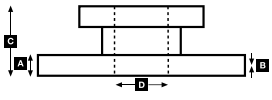


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...BOVA

Futura (DAF-Chass.)

FHD 10-290	1983→1985	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
FHD 10-300				4	19151	419	216	152	▶18,8			93685			
FHD 12-220		R	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
FHD 12-290				4	19260	419	216	178	▶18,8			93685			
FHD 12-360															
FHD 12-370															
FVD 12-220	1983→1985	F	**K19890.0**	4	19891	420	179	200	▶19,1		**128**	93685			
FVD 12-270				4	19890	420	177	200	▶18,5			93685			
		R	**K19890.0**	4	19891	420	179	200	▶19,1		**128**	93685			
				4	19890	420	177	200	▶18,5			93685			
		R	**K19063.0**	4	19063	420	177	200	▶20,6	Opt.	**128**	93685			
				4	19064	420	176	200	▶20,8			93685			

Futura (Mercedes-Chass.)

FHM 12-290	1983→1994	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
FHM 12-360				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

BRISTOL

LHL, LHS

	1968→1981	F	**K17546.0**	4	17546	394	361	127	12,7		**48**				
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684			

CAETANO PSV

Enigma 8.5m

		F	**K17017.0**	8	17017	360	173	143	▶16,0		**64**	93058			
			K19177.0	8	19177	360	173	160	▶16,0	Opt.	**96**	93058			
		R	**K17017.0**	8	17017	360	173	143	▶16,0		**64**	93058			
			K19177.0	8	19177	360	173	160	▶16,0	Opt.	**96**	93058			

Enigma 12m, Porto 12m

	1991→1996	F	**FCV1578BFE**	4	29210		250	118	28					FAI161	
	1997→	F	**FCV1813B**	4	29090	438	250	114	28					FAI116	**FCR192A**

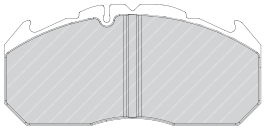
Enigma 12m, Porto 12m

		R	**K19922.0***	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	**96**	93685			
	1991→1996	R	**K19090.0**	8	19090	410	176	175	▶18,3		**96/104**	93683/93685			
	1997→	R	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Volvo Chassis

		F	**K19562.0**	4	19562	394	190	203	▶19,0		**84**	93685			
				4	19563	394	146	203	▶19,0			93685			
		R	**K19799.0**	4	19800	394	190	254	▶19,0		**84**	93685			
				4	19799	394	146	254	▶19,0			93685			

FCV1578BFE
4568 MER D3/D-ELSA 1



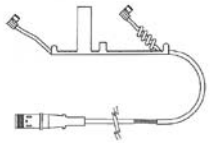
FCV1813B
4567 MER D-LISA



FAI116 ↔ 226mm
2



FAI161 ↔ 385mm
2



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



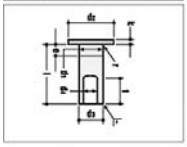


FCR192A

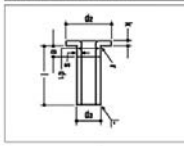
∅	A	B	C	D		Kg	ABS
438	45.0	38.0	127	195	10xM16	35.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

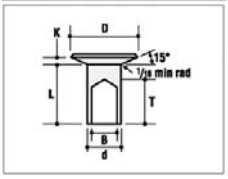
Type B – Semi-Tubular Rivet

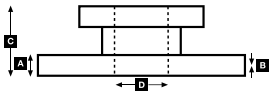


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









DAF

Cub Bus, Cub Coach

CU385/453	1983→1994	F	**K17555.0**	4	17555	330	299	101	9,5		**48**					
		R	**K17662.0**	2	17662	330	300	127	9,5		**52**	93684				
				2	17663	330	343	127	9,5			93684				

MB200

All	1989→	F	**K19024.0**	4	19024	419	209	152	▶20,6		**80**	93686				
				4	19031	419	220	152	▶20,8			93686				
		R	**K19024.0**	4	19024	419	209	152	▶20,6		**80**	93686				
				4	19031	419	220	152	▶20,8			93686				
		R	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	**112**	93685				
				4	19260	419	216	178	▶18,8			93685				

MB200, MBG200

DKFL, DKVL, DKTL	1974→1985	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				
		F	**K17263.0***	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6 / Opt.	**80**	93685				
				4	17264	419	216	127	▶18,8			93685				
		R	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685				
				4	19260	419	216	178	▶18,8			93685				
		R	**K19150.0**	4	19150	419	209	152	▶18,3	MBG200 Trailing axle	**80**	93685				
				4	19151	419	216	152	▶18,8			93685				

MB201

All DKCL	1974→1980 1987→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686				
				4	19617	419	210	203	▶18,5			93686				

MB230

LB, LT	01/87→	F	**FCV594**	8	29747	460	140	121	32							**FCR100A**

MB230

All	1984→1989	R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686				
				4	19617	419	210	203	▶18,5			93686				
		F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686				
				4	19617	419	210	203	▶18,5			93686				
		R	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	**112**	93685				
				4	19260	419	216	178	▶18,8			93685				
	1990→	F	**K19024.0**	4	19024	419	209	152	▶20,6	Opt.	**80**	93686				
				4	19031	419	220	152	▶20,8			93686				
		R	**K19069.0**	4	19069	420	177	240	20,7/12,3		**128**					
				4	19077	420	176	240	20,8/14,8							
			K19914.0	4	19914	420	179	240	19,1/13,4	Opt.	**128**					
				4	19915	420	177	240	19,7/17,4							

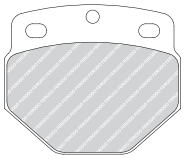
MBG200

All	1984→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686				
				4	19617	419	210	203	▶18,5			93686				
		R	**K19094.0**	8	19094	420	202	200	▶17,8	Opt.	**80**	93251				
DKFL	1983→	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				
		R1	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685				
				4	19260	419	216	178	▶18,8			93685				
		R2	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685				
				4	19151	419	216	152	▶18,8			93685				

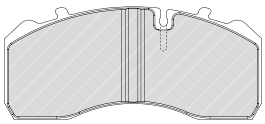
SB200

	2001→	F	**FCV1275BFE**	4	29197	377	211	93	30							**FCR283A**
		R	**FCV1275BFE**	4	29197	377	211	93	30							**FCR284A**

FCV594
3475 KNR K 85



FCV1275BFE
4550 KNR SB/SN6...

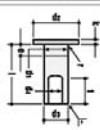




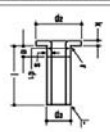
	∅	A	B	C	D		Kg		ABS
FCR100A	460	48.0	40.0	119	170	10xM16	34.0		
FCR283A	377	45.0	38.0	112	117	10x15 2M14	24.9		
FCR284A	377	45.0	38.0	138.5	169	8xM14	27.1		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

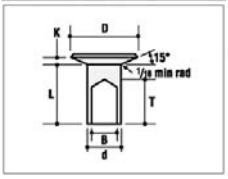
Type B – Semi-Tubular Rivet

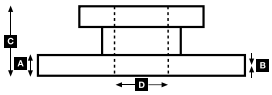


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...DAF

SB200

	1980→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		F	**K17263.0***	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6 / Opt.	**80**	93685			
				4	17264	419	216	127	▶18,8			93685			
		R	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
		R	**K19150.0**	4	19150	419	209	152	▶18,3	Opt.	**80**	93685			
				4	19151	419	216	152	▶18,8			93685			

SB201, 210

	1974→1980	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**19 911 18,80 60 6**	4	19617	419	210	203	▶18,5		**144**	93685			
				4	19911	419	176	203	▶18,8			93685			

SB220

	1975→1980	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**19 911 18,80 60 6**	4	19617	419	210	203	▶18,5		**144**	93685			
				4	19911	419	176	203	▶18,8			93685			
LD, LC	1987→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		F	**K19900.0**	4	19900	420	177	150	▶19,1	Opt.	**64**	93686			
				4	19901	420	179	150	▶18,5			93686			
		R	**K19890.0**	4	19891	420	179	200	▶19,1	Opt.	**128**	93685			
				4	19890	420	177	200	▶18,5			93685			
		R	**19 911 18,80 60 6**	4	19617	419	210	203	▶18,5		**144**	93685			
				4	19911	419	176	203	▶18,8			93685			

SB220, SBG220

All	1989→	F	**K19010.0**	4	19011	420	177	150	▶20,6		**64**	93686			
				4	19010	420	176	150	▶20,8			93686			
		R1	**K19063.0**	4	19063	420	177	200	▶20,6		**128**	93685			
				4	19064	420	176	200	▶20,8			93685			

SB230

		F	**FCV1963**	4	29159		211	93	30	FAC166 (SPRINGS)/FAC170 (FORKS)			FAC166/FAC170	FAI168	
		R	**FCV1963**	4	29159		211	93	30	FAC166 (SPRINGS)/FAC170 (FORKS)			FAC166/FAC170	FAI168	

SB2005

DHU 169kW/230PS	1982→1986	R	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
				4	19260	419	216	178	▶18,8			93685			

SB2300

DHTD	01/87→	F	**FCV594**	8	29747	460	140	121	32						**FCR100A**

SB2300

DHD, DHS	1982→1986	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R1	**K19256.0**	4	19256	419	208	178	▶18,3		**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
		R2	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
DHTD	01/87→	R	**19 911 18,80 60 6**	4	19617	419	210	203	▶18,5		**144**	93685			
				4	19911	419	176	203	▶18,8			93685			
		R	**K19094.0**	8	19094	420	204	200	▶17,8	Opt.	**80**	93251			

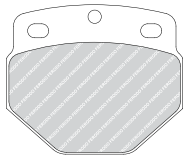
SB2305

DHS, DHTD	01/87→	F	**FCV594**	8	29747	460	140	121	32						**FCR100A**

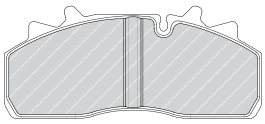
SB2305

		F	**K19150.0**	4	19150	419	209	152	▶18,3	Opt.	**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**19 911 18,80 60 6**	4	19617	419	210	203	▶18,5		**144**	93685			
				4	19911	419	176	203	▶18,8			93685			
		R	**K19094.0**	8	19094	420	204	200	▶17,8	Opt.	**80**	93251			

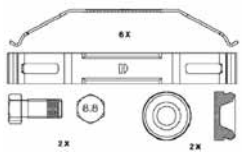
FCV594
3475 KNR K 85



FCV1963
4567 WAB PAN 19-1



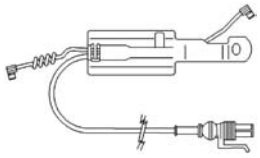
FAC166 ↔



FAC170 ↔



FAI168 ↔ 380mm
2



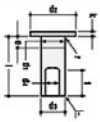


FCR100A

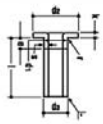
∅	A	B	C	D		Kg		
460	48.0	40.0	119	170	10xM16	34.0		ABS

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

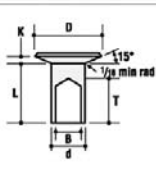
Type B – Semi-Tubular Rivet

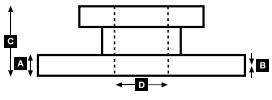


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...DAF

SB2705

	01/87→	F	FCV594	8	29747	460	140	121	32						FCR100A

SB2705

	01/87→	F	K19150.0	4	19150	419	209	152	▶18,3	Opt.	80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	19 911 18,80 60 6	4	19617	419	210	203	▶18,5		144	93685			
				4	19911	419	176	203	▶18,8			93685			
		R	K19094.0	8	19094	420	204	200	▶17,8	Opt.	80	93251			

SB3000

DKSB, DKSB, DSKB	1984→1989	F	FCV594	8	29747	460	140	121	32						FCR100A
	1989→1994		FCV1821B	4	29150		249	117.5	30						
	1994→	R	FCV1821B	4	29150		249	117.5	30						

SB3000

	1984→1987	F	K19150.0	4	19150	419	209	152	▶18,3	Opt.	80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	19 911 18,80 60 6	4	19617	419	210	203	▶18,5		144	93685			
				4	19911	419	176	203	▶18,8			93685			
		R	K19256.0	4	19256	419	208	178	▶18,3	Opt.	112	93685			
				4	19260	419	216	178	▶18,8			93685			
	1988→1989	R	K19890.0	4	19891	420	179	200	▶19,1		128	93685			
				4	19890	420	177	200	▶18,5			93685			
DKSB, DKSB, DSKB	1989→1994	R2	K19024.0	4	19024	419	209	152	▶20,6		80	93686			
				4	19031	419	220	152	▶20,8			93686			
DKV	1987→	F	K19150.0	4	19150	419	209	152	▶18,3	Opt.	80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	19 911 18,80 60 6	4	19617	419	210	203	▶18,5		144	93685			
				4	19911	419	176	203	▶18,8			93685			
			K19094.0	8	19094	420	204	200	▶17,8	Opt.	80	93251			

SB4000

	1998→	F	FCV1821B	4	29150		249	117.5	30						
		R	FCV1821B	4	29150		249	117.5	30						

SBR3000

	1986→	F	FCV594	8	29747	460	140	121	32						FCR100A

SBR3000

		F	K19150.0	4	19150	419	209	152	▶18,3	Opt.	80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	K19914.0	4	19914	420	179	240	19,1/13,4	Opt.	128				
				4	19915	420	177	240	19,7/17,4						
			K19150.0	4	19150	419	209	152	▶18,3	Opt.	80	93685			
				4	19151	419	216	152	▶18,8			93685			
			K19094.0	8	19094	420	204	200	17,8	Opt.	80	93251			
	1989→	F	K19024.0	4	19024	419	209	152	▶20,6	Opt.	80	93686			
				4	19031	419	220	152	▶20,8			93686			
		R2	K19024.0	4	19024	419	209	152	▶20,6		80	93686			
				4	19031	419	220	152	▶20,8			93686			

Swift

	01/87→	F	FCV376	4	29017	315	191	89	23						FCR101A

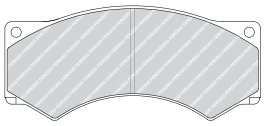
Swift

	01/87→	R	K17900.0	2	17900	325	301	147	12,1		44	93057			
				2	17901	325	251	147	12,1			93057			

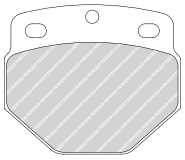
TB163

All	1961→	F	K17263.0*	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6	80	93685			
				4	17264	419	216	127	▶18,8			93685			
		R	K19256.0	4	19256	419	208	178	▶18,3		112	93685			
				4	19260	419	216	178	▶18,8			93685			

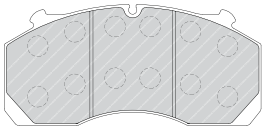
FCV376
3422 WAB 456 F-Ö



FCV594
3475 KNR K 85



FCV1821B
4567 MER DX225

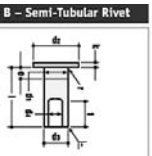




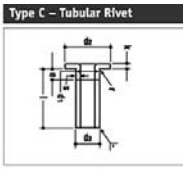
		∅	A	B	C	D		Kg		ABS
FCR100A		460	48.0	40.0	119	170	10xM16	34.0		
FCR101A		315	26.0	24.0	122	119	10xM12	13.1		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

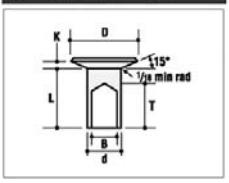
Type B – Semi-Tubular Rivet

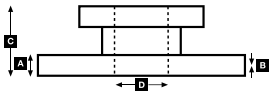


Type C – Tubular Rivet

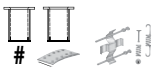


Type A – Semi Tubular Rivets









...DAF

TB2100

All	1984→1989	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
		R	**K19256.0**	4	19256	419	208	178	▶18,3	Opt.	**112**	93685			
				4	19260	419	216	178	▶18,8			93685			
All	1989→	F	**17 012 21,55 60 6**	4	17013	419	209	127	▶21,55		**80**	93686			
				4	17012	419	220	127	▶21,55			93686			
		R	**K19024.0**	4	19024	419	209	152	▶20,6	Opt.	**80**	93686			
				4	19031	419	220	152	▶20,8			93686			
		R	**K19024.0**	4	19024	419	209	152	▶20,6		**80**	93686			
				4	19031	419	220	152	▶20,8			93686			
		R	**17 012 21,55 60 6**	4	17013	419	209	127	▶21,55	Opt.	**80**	93686			
				4	17012	419	220	127	▶21,55			93686			
		R	**K19063.0**	4	19063	420	177	200	▶20,6	Opt.	**128**	93685			
				4	19064	420	176	200	▶20,8			93685			

DEN OUDSEN

Almere Bus

Citybus	1998→	F	**FCV1821B**	4	29150		249	117.5	30							

DENNIS

Arrow

	1997→	F	**FCV1813B**	4	29090	438	250	114	28						FAI116	**FCR192A**

Arrow

	1996→	R	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**					

Dart

MKI	1989→1992	F	**K19918.0**	4	19225	360	318	170	14,0		**72**	93059				
		R	**K19918.0**	4	19225	360	318	170	14,0		**72**	93059				
MKII, MKIII	1992→	F	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058				
SLF	1996→	R	**K19503.0**	4	19503	360	316	170	16,0		**72**	93058				

Domino

All	1985→	R	**K19922.0***	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	**96**	93685				

Enviro

R300, R345, R420	01/02→	F	**FCV1963**	4	29159		211	93	30	FAC166 (SPRINGS)/FAC170 (FORKS)			FAC166/FAC170	FAI168		
		R	**FCV1963**	4	29159	375	211	93	30	FAC166 (SPRINGS)/FAC170 (FORKS)			FAC166/FAC170	FAI168		

Javelin

		R	**K19068.0**	8	19068	410	176	225	▶18,3	Opt.	**96/104**	93683/93685				

Javelin Bus

MKI, MKII	1987→	R	**K19922.0***	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	**96**	93685				

Javelin Coach

MKII (22, 5") Meritor D2	→1990	F	**FCV769**	4	29043	440	204	97	24						FAI109/FAI111	**FCR285A**
MKIII (10/11/12m coach) (22, 5") Meritor D LISA	01/91→		**FCV1813B**	4	29090		250	114	28						FAI116	

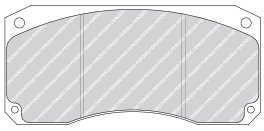
Javelin Coach

MKI	1987→	R	**K19922.0***	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	**96**	93685				
MKII (22, 5") Meritor D2		R	**K19071.0**	8	19071	410	176	200	▶18,3	Opt.	**96/104**	93683/93685				

Javelin MKIII

		R	**K19068.0**	8	19068	410	176	225	▶18,3	Opt.	**96/104**	93683/93685				

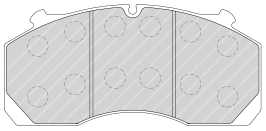
FCV769
3422 MER D2



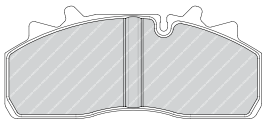
FCV1813B
4567 MER D-LISA



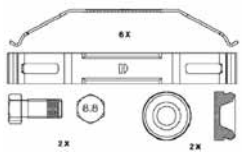
FCV1821B
4567 MER DX225



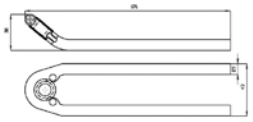
FCV1963
4567 WAB PAN 19-1



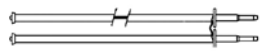
FAC166 ↔
2



FAC170 ↔
2



FAI109 ↔ 420mm
2



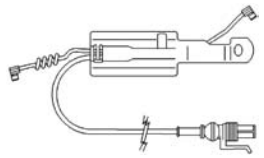
FAI111 ↔ 580mm
2



FAI116 ↔ 226mm
2



FAI168 ↔ 380mm
2

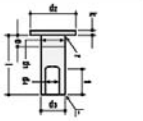




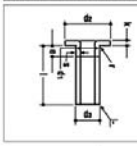
	∅	A	B	C	D		Kg		ABS
FCR192A	438	45.0	38.0	127	195	10xM16	35.0		
FCR285A	440	45.0	38.0	135	190	10 x M16	35.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

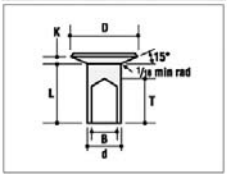
Type B – Semi-Tubular Rivet

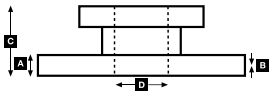


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...DENNIS

Lance

SLF (22, 5") Meritor D3	01/95→	F	**FCV1579BFE**	4	29210		250	118	28							
			FCV1584B	4	29053		250	118	30	over size						

Lancet

single decker	1982→1987	R	**K19922.0***	8	19922	394	187	203	▶17,4	*use 19 922 17,40 60 8	**96**	93685				

R Series

(22, 5") Knorr SB7	01/01→	F	**FCV4296PTS**	4	29253		248	108	30							
		R	**FCV4296PTS**	4	29253	430	248	108	30							**FCR288A**

Trident

		R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				

Trident II

(22, 5") Knorr SB7	01/01→	F	**FCV1598BFE**	4	29179		248	109	30							
		R	**FCV1598BFE**	4	29179	430	248	109	30							**FCR288A**

ERNST AUWÄRTER

Clubstar

Wheel = 19,5"Air Brake MAN 11.220 HOCL Chassis. Knorr SB6 Wheel = 19,5" Air Brake MB Atego. Knorr SB6	01/98→	F	**FCV1275BFE**	4	29197	377	211	93	30						FAI108	**FCR189A**
		R	**FCV1275BFE**	4	29197	377	211	93	30						FAI108	**FCR190A**

Economy

Wheel = 17,5" Hydraulic Brakes MB 815 Vario. Meritor 2x60	01/98→	F	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**
		R	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**

Eurostar

Wheel = 22,5" Air Brake MB O 404 Chassis. Meritor D3	01/92→	F	**FCV1579BFE**	4	29210	438	250	118	28					FAI107	**FCR120A**
			FCV1584B	4	29053		250	118	30	over size					
		R	**FCV1579BFE**	4	29210	438	250	118	28					FAI107	**FCR120A**
			FCV1584B	4	29053		250	118	30	over size					

Teamstar

Wheel = 17,5" Hydraulic Brakes MB 815 Vario. Meritor 2x60	01/98→	F	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**
		R	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**

FORD

R Series

R1114, R1115	1977→1982	F	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684				
		R	**K19072.0**	4	19072	394	360	152	12,7		**48**	93684				

HEULIEZ

→ SEE IRISBUS

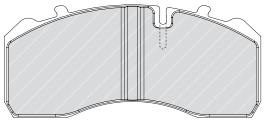
IKARUS

All

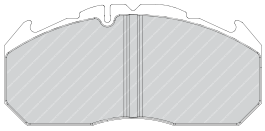
200	1976→1983	F	**17 746 18,00 60 8**	8	17746	420	184	140	18,0		**48**	93059				
		R	**19 567 18,00 00 8**	8	19567	420	184	180	18		**72**	93059				
			17 746 18,00 60 8	8	17746	420	184	140	18,0	Trailing axle	**48**	93059				
260	1976→1983	F	**17 746 18,00 60 8**	8	17746	420	184	140	18,0		**48**	93059				
		R	**19 567 18,00 00 8**	8	19567	420	184	180	18		**72**	93059				
			17 746 18,00 60 8	8	17746	420	184	140	18,0	Trailing axle	**48**	93059				
280	1984→	F	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683				
		R	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683				
			K19896.0	8	19896	419	196	178	18,0	Trailing axle	**112**	93683				
288	1976→1983	F	**17 746 18,00 60 8**	8	17746	420	184	140	18,0		**48**	93059				
		R	**19 567 18,00 00 8**	8	19567	420	184	180	18		**72**	93059				
			17 746 18,00 60 8	8	17746	420	184	140	18,0	Trailing axle	**48**	93059				
556-180		F	**17 746 18,00 60 8**	8	17746	420	184	140	18,0		**48**	93059				
		R	**19 567 18,00 00 8**	8	19567	420	184	180	18		**72**	93059				

FERODO

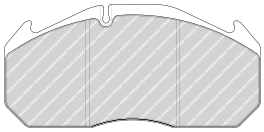
FCV1275BFE
4550 KNR SB/SN6...



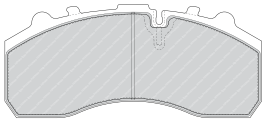
FCV1579BFE
4567 MER D3/D-ELSA 1



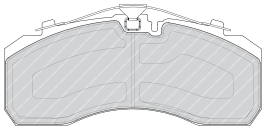
FCV1584B
4567 MER D3/D-ELSA 1



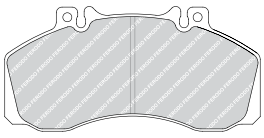
FCV1598BFE
4567 KNR SB/SN7....



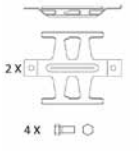
FCV4296PTS
4550 KNR SB/SN7



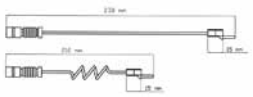
FVR501
3422 MER



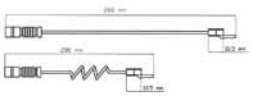
FAC174 ↔
2



FAI103 ↔ 238mm
2+2



FAI107 ↔ 280mm
2+2



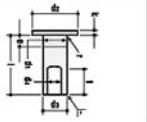
FAI108 ↔ 335mm
2



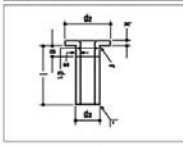
		∅	A	B	C	D		Kg		ABS
FCR119A		324	30.0	26.0	91	118	6xM12	11.0		
FCR120A		438	45.0	41.0	135	195	10xM14	33.5		
FCR189A		377	45.0	37.0	134	105.7	14x14.5	24.0		
FCR190A		377	45.0	37.0	138	176	8xM14	26.4		
FCR288A		430	45.0	37.0	131	200	10xM16	34.5		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

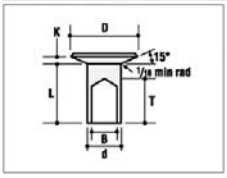
Type B – Semi-Tubular Rivet

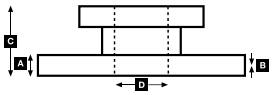


Type C – Tubular Rivet

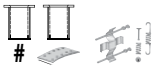


Type A – Semi Tubular Rivets









...IKARUS

Articulated City Bus

435.18E, 435.18F		F	**FCV1598BFE**	4	29179		248	109	30							
		R	**FCV1598BFE**	4	29179		248	109	30							
			FCV1598BFE	4	29179		248	109	30	Auxilliary Axle						

Articulated City Bus

435.18E, 435.18F		R	**K19722.0**	4	19722	420	195	180	▶21,4		**128**	93685				
				4	19727	420	195	180	▶20,8			93685				
		R2	**K19722.0**	4	19722	420	195	180	▶21,4		**128**	93685				
				4	19727	420	195	180	▶20,8			93685				

City Bus

415.3, 415.30A		F	**FCV1598BFE**	4	29179		248	109	30							

City Bus

415		F	**K19722.0**	4	19722	420	195	180	▶21,4		**128**	93685				
				4	19727	420	195	180	▶20,8			93685				
		R	**K19722.0**	4	19722	420	195	180	▶21,4		**128**	93685				
				4	19727	420	195	180	▶20,8			93685				

INBUS

F140 (Filobus)

		F	**FCV983**	8	29018	425	162	162	28	2 pads with 14mm holes option						**FCR138A**
			FCV898	4	29016		162	111	28							

F140 (Filobus)

		R	**K19558.0**	4	19558	410	210	180	▶16,0		**64**	93067				
				4	19559	410	207	180	▶16,0			93067				

U210 - S210 - 1330

		F	**FCV983**	8	29018	425	162	162	28	2 pads with 14mm holes option						**FCR138A**
			FCV898	4	29016		162	111	28							

U210 - S210 - 1330

		R	**K19558.0**	4	19558	410	210	180	▶16,0		**64**	93067				
				4	19559	410	207	180	▶16,0			93067				

IRISBUS

Agora

Agora	01/95→08/98	F	**FCV1579BFE**	4	29210	438	250	118	28					FAI101→12/96	**FCR134A**
														FAI117 01/97→	
			FCV1584B	4	29053		250	118	30	over size					
	09/98→2000		**FCV1813B**	4	29090	438	250	114	28					FAI116	**FCR134A**
Agora Line	2001→	F	**FCV1656BFE**	4	29156	438	250	118	30					FAI163	**FCR134A**
		R	**FCV1656BFE**	4	29156	434	250	118	30					FAI163	

Agora

Agora	1995→2000	R	**K19187.0**	8	19187	414	187	220	18,5		**64**	93059				

Ares

Engine: Iveco Cursor 8 F2BE0682D Euro3	01/02→	F	**FCV1404BFE**	4	29156	434	250	118	30					FAI163	
		R	**FCV1404BFE**	4	29156		250	118	30	middle axle				FAI163	
			FCV1404BFE	4	29156	434	250	118	30					FAI163	

Arway

Intercity 12m, 18m	2006→	F	**FCV1404BFE**	4	29156	434	250	118	30					FAI163	
		R	**FCV1404BFE**	4	29156		250	118	30					FAI163	

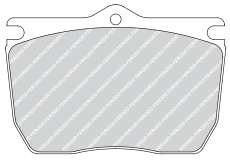
Axer

12m, 12,8m Engine: Iveco Cursor 8 Euro3 2050228	01/02→	F	**FCV1404BFE**	4	29156	434	250	118	30					FAI163	
		R	**FCV1404BFE**	4	29156		250	118	30					FAI163	

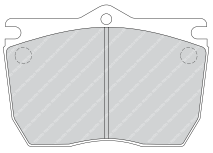
Axer

12m, 12,8m Engine: Iveco Cursor 8 Euro3 2050228	01/02→	R	**K19071.0**	8	19071	410	176	200	▶18,3	Opt.	**96/104**	93683/93685				

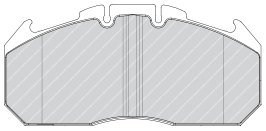
FCV898
3475 WAB



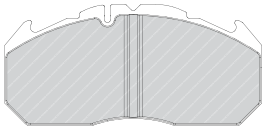
FCV983
3475 WAB 485 F-Ö



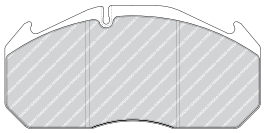
FCV1404BFE
4568 MER D-ELSA2



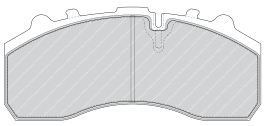
FCV1579BFE
4567 MER D3/D-ELSA 1



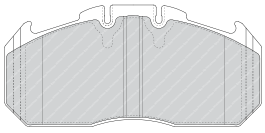
FCV1584B
4567 MER D3/D-ELSA 1



FCV1598BFE
4567 KNR SB/SN7....



FCV1656BFE
4567 MER D-ELSA2



FCV1813B
4567 MER D-LISA



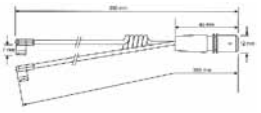
FAI101 ↔ 365mm
2



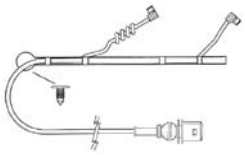
FAI116 ↔ 226mm
2



FAI117 ↔ 400mm
2



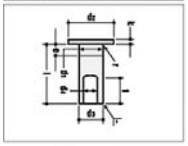
FAI163 ↔ 355mm
2



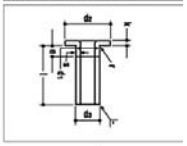
	∅	A	B	C	D		Kg		ABS
FCR134A	438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3		
FCR138A	425	45.0	38.0	159.5	215	10xM16	36.8		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

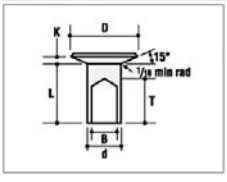
Type B – Semi-Tubular Rivet

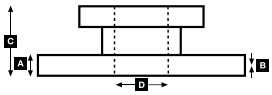


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...IRISBUS

Citelis



Citybus 12m, 18m	2005→	F	**FCV1813B**	4	29090	434	250	114	28					FAI116	
			FCV1656BFE	4	29156	434	250	118	30	Option				FAI179	
		R	**FCV1579BFE**	4	29210	434	250	118	28					FAI165	
			FCV1656BFE	4	29156	434	250	118	30	Option				FAI179	

Citybus



CITYBUS Engine: RVI 06.20.45 A41	01/98→12/01	F	**FCV1813B**	4	29090	438	250	114	28					FAI116	**FCR134A**
CITYBUS Engine: Iveco Cursor 8 F2BE 0682D Euro3	01/02→	F	**FCV1813B**	4	29090	438	250	114	28					FAI116	**FCR134A**
		R	**FCV1579BFE**	4	29210	434	250	118	28					FAI165	
			FCV1584B	4	29053		250	118	30	over size					

Crealis



18m	2009→	F	**FCV1656BFE**	4	29156	434	250	118	30					FAI163	
		R	**FCV1656BFE**	4	29156	434	250	118	30					FAI163	

Crossway



Intercity coach	2006→	F	**FCV1404BFE**	4	29156	434	250	118	30						
		R	**FCV1404BFE**	4	29156	434	250	118	30						

E7L, M, N



	1969→	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
				2	17747	414	345	125	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	Opt. - * use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

FR1 (5.4M, 5.6M, 6.2M)



		F	**FCV1940**	4	29044	400	236	95	20						**FCR129A**

FR1 (5.4M)



	→10/93	R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
	11/93→		**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			

FR1 (5.6M)



	05/84→	R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

FR1 (6.2M)



	→11/92	R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
	12/92→		**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			

Heuliex GX44 (Mercedes ch.)



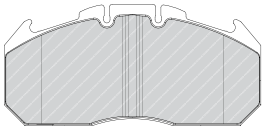
All		F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
				4	19579	410	214	163	▶18,0			93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0			93060		FAI202	
All		F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			

Heuliez GX57 (Renault ch.)

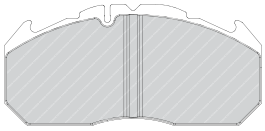


All		F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			
All		F	**K19560.0***	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6	**88**	93685			
				4	19561	414	159	152	▶19,0			93685			
		F	**K19562.0**	4	19562	394	190	203	▶19,0	Opt.	**84**	93685			
				4	19563	394	146	203	▶19,0			93685			
		R	**K19562.0**	4	19562	394	190	203	▶19,0		**84**	93685			
				4	19563	394	146	203	▶19,0			93685			
		R	**K19799.0**	4	19800	394	190	254	▶19,0	Opt.	**84**	93685			
				4	19799	394	146	254	▶19,0			93685			

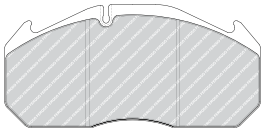
FCV1404BFE
4568 MER D-ELSA2



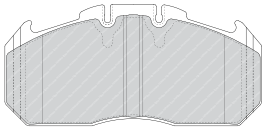
FCV1579BFE
4567 MER D3/D-ELSA 1



FCV1584B
4567 MER D3/D-ELSA 1



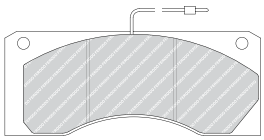
FCV1656BFE
4567 MER D-ELSA2



FCV1813B
4567 MER D-LISA



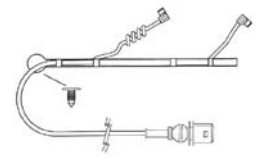
FCV1940
4550 S.E.E.



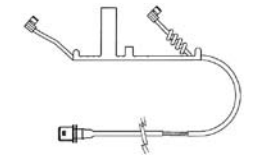
FAI116 ↔ 226mm
2



FAI163 ↔ 355mm
2



FAI165 ↔ 400mm
2



FAI179 ↔ 390mm
2



FAI202 ↔ 195mm
4

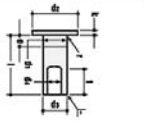




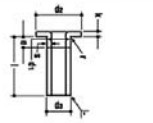
	∅	A	B	C	D		Kg		ABS
FCR129A	400	42.3	37.0	90	175	12x12.5	23.7		
FCR134A	438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

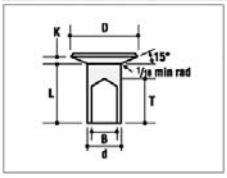
Type B – Semi-Tubular Rivet

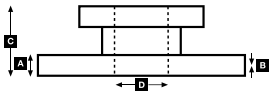


Type C – Tubular Rivet

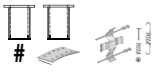


Type A – Semi Tubular Rivets











...IRISBUS

Heuliez GX77 (Daf ch.)

All		F	K19150.0	4	19150	419	209	152	▶18,3		80	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	K19256.0	4	19256	419	208	178	▶18,3		112	93685			
				4	19260	419	216	178	▶18,8			93685			
All		F	K19560.0*	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6	88	93685			
				4	19561	414	159	152	▶19,0			93685			
		R	K19385.0	6	19384	381	188	178	▶18,15		96	93684			
				2	19385	381	188	178	▶18,15			93684			

Heuliez GX87 (Renault ch.)

All		F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R	K19657.0	4	19463	414	374	175	13,5		72	93059			

Heuliez GX87 Articulated (Renault ch.)

		F	K19562.0	4	19562	394	190	203	▶19,0		84	93685			
				4	19563	394	146	203	▶19,0			93685			
		R1	K19799.0	4	19800	394	190	254	▶19,0		84	93685			
				4	19799	394	146	254	▶19,0			93685			
		R2	B2177932	4	17665	413	159	127	▶19,0		72	93687			
				4	17664	413	197	127	▶19,0			93687			

Heuliez GX107 (Renault ch.)

All		F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R	K19657.0	4	19463	414	374	175	13,5		72	93059			

Heuliez GX117 (Renault ch.)

All	→2000	F	K19935.0	8	19935	414	187	175	18,5		64	93059			

Heuliez GX187 Articulated (Renault ch.)

		F	K19049.0*	2	19049	414	347	150	12,5	* use J1296928	96	93049			
				2	19199	414	286	150	12,5			93049			
		R1	K19657.0	4	19463	414	374	175	13,5		72	93059			
		R2	K19657.0	4	19463	414	374	175	13,5		72	93059			

Heuliez GX217

Wheel = 22,5" Air Brake (Ch. Volvo) Meritor D-Lisa		F	FCV1813B	4	29090	438	250	114	28					FAI116	FCR134A

Heuliez GX217

Wheel = 22,5" Air Brake (Ch. Volvo) Meritor D-Lisa		R	K19068.0	8	19068	410	176	225	▶18,3		96/104	93683/93685			

Heuliez GX317

Wheel = 22,5" Air Brake (Ch. Renault) Meritor D3	→1998	F	FCV1579BFE	4	29210	438	250	118	28					FAI107	FCR134A
			FCV1584B	4	29053		250	118	30	over size					
Wheel = 22,5" Air Brake (Ch. Renault) Meritor D-Lisa	1998→	F	FCV1813B	4	29090	438	250	114	28					FAI116	FCR134A

Heuliez GX317

(Renault ch.)		R	K19187.0	8	19187	414	187	220	18,5		64	93059			

Heuliez GX417

Wheel = 22,5" Air Brake (Ch. Volvo) Meritor D-Lisa		F	FCV1813B	4	29090	438	250	114	28					FAI116	FCR134A

Iliade

Iliade	01/97→05/00	F	FCV1585BFE	4	29210	438	250	118	28					FAI117	FCR134A
	06/00→		FCV1653BFE	4	29156	438	250	118	30					FAI163	FCR134A
		R	FCV1653BFE	4	29156		250	118	30					FAI163	

Iliade + TE

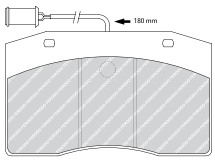
Iliade	1997→	R	K19187.0	8	19187	414	187	220	18,5		64	93059			

Iveco 370

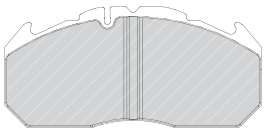
370.12.24, 370.12.25, 370.12.30, 370.12.35	1984→	F	FCV801	8	29075	417	180	106	20				K49.8556.9		FCR109A

FERODO

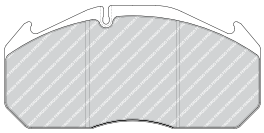
FCV801
3450 BRE



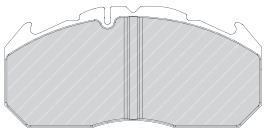
FCV1579BFE
4567 MER D3/D-ELSA 1



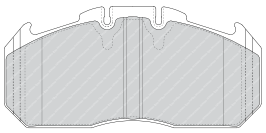
FCV1584B
4567 MER D3/D-ELSA 1



FCV1585BFE
4572 MER D3/D-ELSA 1



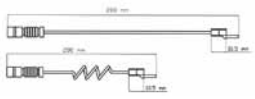
FCV1653BFE
4572 MER D-ELSA2



FCV1813B
4567 MER D-LISA



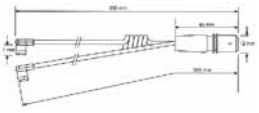
FAI107 ↔ 280mm
2+2



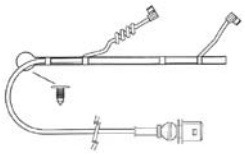
FAI116 ↔ 226mm
2



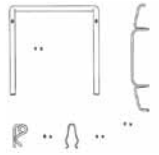
FAI117 ↔ 400mm
2



FAI163 ↔ 355mm
2



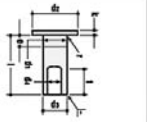
K49.8556.9 ↔



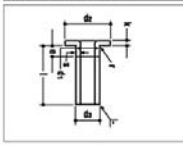
	∅	A	B	C	D		Kg		ABS
FCR109A	417	30.0	27.0	80	157	10	12.7		
FCR134A	438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

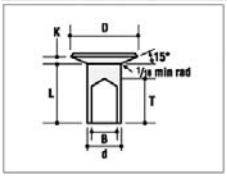
Type B – Semi-Tubular Rivet

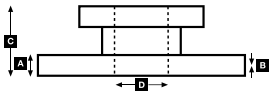


Type C – Tubular Rivet

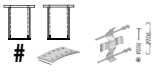


Type A – Semi Tubular Rivets











...IRISBUS

Iveco 370

370.10.20	1978→	F	**K17885.0**	8	17885	420	211	135	12,5		**64**	93060			
		R	**K17885.0**	8	17885	420	211	135	12,5		**64**	93060			
370.10.25 /370.10.35/370.11.25/370.12.35	1979→1984	F	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
370.12.25 , 370.2	1982→1984	F	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
370.12.24, 370.12.25, 370.12.30, 370.12.35	1984→	R	**K19824.0**	6	19824	410	202	220	▶18,4		**112**	93067			
				2	19838	410	202	220	▶18,4			93067			

Iveco 380

380.29-43, 490.18.29E2	1985→	F	**FCV801**	8	29075	417	180	106	20	180mm w.i. Length			K49.8556.9		**FCR179A**

Iveco 380

380.29-43, 490.18.29E2	1985→	R	**K19824.0**	6	19824	410	202	220	▶18,4		**112**	93067			
				2	19838	410	202	220	▶18,4			93067			

Iveco 391 E- 393E - 397E

391E - 393E - 397 Eurorider	1992→	F	**FCV801**	8	29075	417	180	106	20	rigid axle			K49.8556.9		**FCR109A**
			FCV1914FE	4	29196	436	248	108	30	independent wheel suspension				FAI125	**FCR173A**
		R	**FCV1914FE**	4	29196	436	248	108	30	independent wheel suspension				FAI125	**FCR173A**

Iveco 391 E- 393E - 397E

391E - 393E - 397 Eurorider		R	**K19263.0**	2	19343	410	201	200	▶19,8	Simplex Brake	**112**	93060			
				6	19263	410	201	200	▶19,8			93060			
		R	**K19824.0**	6	19824	410	202	220	▶18,4	Duplex Brake	**112**	93067			
				2	19838	410	202	220	▶18,4			93067			

Iveco 399

399 MyWay		R	**K19263.0**	2	19343	410	201	200	▶19,8	Simplex Brake	**112**	93060			
				6	19263	410	201	200	▶19,8			93060			
		R	**K19824.0**	6	19824	410	202	220	▶18,4	Duplex Brake	**112**	93067			
				2	19838	410	202	220	▶18,4			93067			

Iveco 471

471-10.20/471-12.20	1984→1988	F	**FCV898**	4	29016	425	162	111	28						**FCR135A**

Iveco 471

471-10.20/471-12.20	1984→1988	R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			

Iveco 480/580

480.21 Turbocity, 580.21 Turbocity-S	1988→	F	**FCV983**	8	29018	425	162	162	28						**FCR136A**

Iveco 480/580

480.21 Turbocity, 580.21 Turbocity-S	1988→	R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			

Iveco 490

490.12 Turbo/490.18 Turbo/490.22 Turbo-U	1992→	F	**FCV983**	8	29018	425	162	162	28						**FCR136A**

Iveco 490

490.18 Turbo/490.12 Turbo/490.22 Turbo-U	1992→	R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			

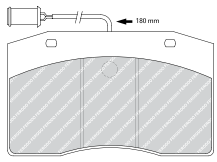
Iveco 491/591

Iveco 491/591 Cityclass	1985→	F	**FCV1614**	8	29186	417	180	106	20	450mm w.i. Length			K49.8556.9		**FCR179A**
	1998→		**FCV1821B**	4	29150		249	117.5	30	22.5" wheel (DX225 brake)				FAI170	

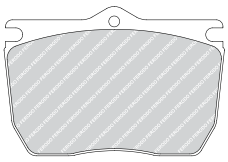
Iveco 491/591

		R	**K19743.2**	4	19755	410	211	220	▶18,0		**96**	93067		FAI210	
				4	19712	410	210	220	▶18,10			93067			

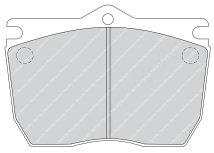
FCV801
3450 BRE



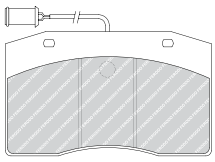
FCV898
3475 WAB



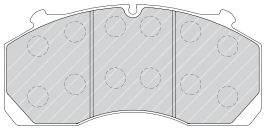
FCV983
3475 WAB 485 F-Ö



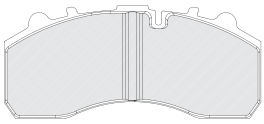
FCV1614
3538 BRE Bi-disc



FCV1821B
4567 MER DX225



FCV1914FE
4550 KNR SB7600



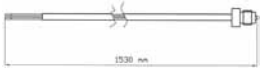
FAI125 ↔ 285mm
2



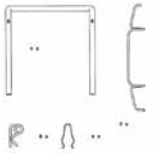
FAI170 ↔ 200mm
2



FAI210 ↔ 1530mm
2



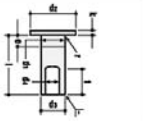
K49.8556.9 ↔



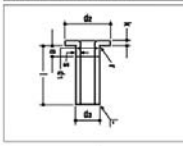
		∅	A	B	C	D		Kg		ABS
FCR109A		417	30.0	27.0	80	157	10	12.7		
FCR135A		425	45.0	38.0	165.5	215	10xM16	37.2		
FCR136A		425	45.0	41.0	170.5	285	10	43.6		
FCR173A		436	45.0	37.0	138.5	210	12xM16	37.7		
FCR179A		417	28.0	25.5	67	159	10	41.6		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

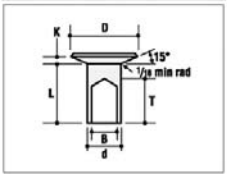
Type B – Semi-Tubular Rivet

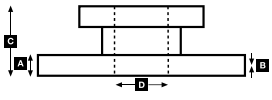


Type C – Tubular Rivet

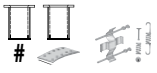


Type A – Semi Tubular Rivets











...IRISBUS

Iveco Euroclass

Euroclass	1993→	F	**FCV801**	8	29075	417	180	106	20	180mm w.i. Length			K49.8556.9		**FCR179A**

Iveco Euroclass

Euroclass	1993→	R	**K19824.0**	6	19824	410	202	220	▶18,4		**112**	93067			
				2	19838	410	202	220	▶18,4			93067			

Iveco Magirus

160 R81, 315.17 Turbo, 316.8.17 Turbo		F	**FCV961**	8	29688	315	110	99	25						**FCR149A**

Iveco Magirus

Magirus-Bus R 106	04/80→	F	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
Magirus-Reisebus M 2000 (R 119 I) 188kW /256PS	1978→	F	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
Magirus-Reisebus M 2000 (R 119 II)	04/80→	F	**K19385.0**	6	19384	381	188	178	▶18,15	ROR	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		F	**K19823.0**	6	19786	410	202	200	▶18,9	Wabco	**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R	**K19385.0**	6	19384	381	188	178	▶18,15	ROR	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19823.0**	6	19786	410	202	200	▶18,9	Wabco	**96**	93068			
				2	19823	410	202	200	▶18,9			93068			

Iveco Midway

Intercity 9.7m (Iveco Tector Engine EURO 3)	2006→	F	**FCV1275BFE**	4	29197	377	211	93	30						**FCR238A**

Iveco MyWay

391 - 29, 29A, 35, 35A, 38, 43 Eurorider, 393.35 MyWay	2002→	F	**FCV1614**	8	29186	417	180	106	20	rigid axle			K49.8556.9		**FCR179A**
			FCV1598BFE	4	29179	432	248	109	30	independent wheel suspension					**FCR254A**
		R	**FCV1598BFE**	4	29179	432	248	109	30	independent wheel suspension					**FCR254A**

Karosa

930 Engine: RVI 06.20.45 A3/B3/A41/C41/D41, opt. Liaz	01/97→12/01	F	**FCV4296PTS**	4	29253	430	248	108	30						
B961 Articulated	01/02→2006	F	**FCV1598BFE**	4	29179	430	248	109	30						

Karosa

730	1981→1992	F	**K17184.0**	8	17184	420	182	120	18		**64**				
		R	**K19970.0**	8	19970	420	196	178	18		**112**				
			K29970.0	8	19970	420	196	178	18	Opt.	**112**				
			K19971.0	8	19971	420	182	180	18	Opt.	**72**				
	1993→1996	F	**K19410.0**	8	19410	420	182	150			**64**				
		R	**K19972.0**	8	19972	420	182	180			**96**				
930		F	**K19410.0**	8	19410	420	182	150	18		**64**				
		R	**K19615.0**	4	19615	420	195	180	21,5	opt.	**128**	93684			
				4	19616	420	195	180	▶21,45			93684			
Renault Citybus articulated	1992→1997	R	**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			
		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Karosa B940 Articulated

Engine: RVI 06.20.45 A3/B3/A41/C41/D41, Opt. Liaz	01/97→12/01	F	**FCV4296PTS**	4	29253	430	248	108	30						

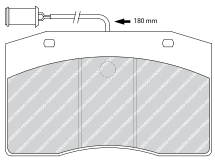
Karosa B951, B952

Engine: Iveco Cursor 8 Euro3 2050 F2BE0682D180	01/02→2006	F	**FCV1598BFE**	4	29179	430	248	109	30						

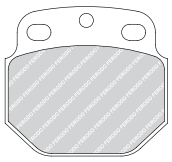
Renault Récreo

730	1998→	F	**K19410.0**	8	19410	420	182	150			**64**				

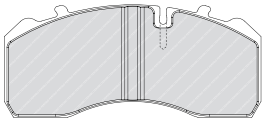
FCV801
3450 BRE



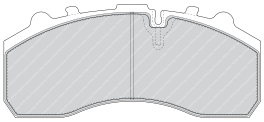
FCV961
3475 KNR K 65



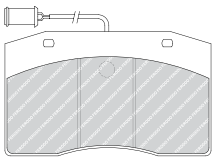
FCV1275BFE
4550 KNR SB/SN6...



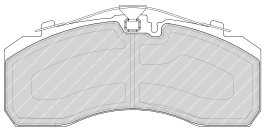
FCV1598BFE
4567 KNR SB/SN7....



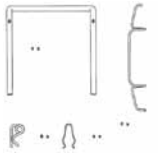
FCV1614
3538 BRE Bi-disc



FCV4296PTS
4550 KNR SB/SN7



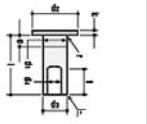
K49.8556.9



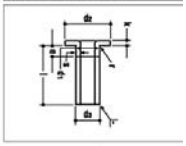
		∅	A	B	C	D		Kg		ABS
FCR149A		315	35.0	32.0	153.5	240	6	17.1		
FCR179A		417	28.0	25.5	67	159	10	41.6		
FCR238A		377	45.0	38.0	151	215	8xM20 2xM10	33.0	8xM20x 1.5 85mm	
FCR254A		432	45.0	37.0	139	210	12xM16x2	37.7		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

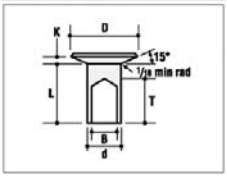
Type B – Semi-Tubular Rivet

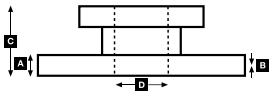


Type C – Tubular Rivet

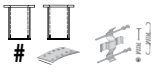


Type A – Semi Tubular Rivets











...IRISBUS

Renault Series

PGR	1969→1971	F	**K19049.0***	2	19049	414	347	150	12,5	*use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
PH3, 4, 12/100	1969→1975	R	**K19049.0***	2	19049	414	347	150	12,5	*use J1296928	**96**	93049			
PR14S, SL, SRGT	1976→			2	19199	414	286	150	12,5			93049			
S105, 108, 105R	1965→														
S45, S53															
S57L	1980→														
SC10	1976→														

Renault PCR, PCM, PCMV

	1967→1971	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

Renault PGK205

	1975→	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
				2	17747	414	345	125	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

Renault PR10S, 12S

	1976→	F	**17 747 12,50 60 3**	2	17748	414	284	125	12,5		**96**	93049			
				2	17747	414	345	125	12,5			93049			
		R	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			

Renault PR100, 100.2

	1977→	F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			

Renault PR100.3, PR112

	1994→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

Renault PR180, 180.2, PER180

		F	**K19049.0***	2	19049	414	347	150	12,5	* use J1296928	**96**	93049			
				2	19199	414	286	150	12,5			93049			
		R	**K19657.0**	4	19463	414	374	175	13,5		**72**	93059			

Renault PR180.3, PR118

	1994→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

Renault S75 Standard

	1979→1986	F	**K15789.0**	4	15789	300	300	76	9		**48**				
		R	**K17556.0**	2	17558	308	280	101	7,9		**48**				
				2	17556	308	321	101	7,9						

Renault S75 with 11T rear axle

	1987→1993	F	**K17217.0**	4	17217	330	295	125	11,7		**48**	93684			
		R	**K19620.0**	2	19621	325	251	150	12,5		**64**				
				2	19620	325	210	150	12,5						

Renault Tracer

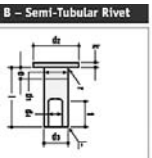
	1992→	F	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			
		R	**K19935.0**	8	19935	414	187	175	18,5		**64**	93059			

IVECO

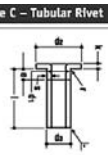
→ SEE IRISBUS

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

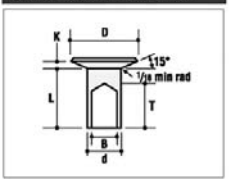
Type B – Semi-Tubular Rivet

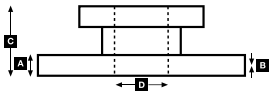


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









KAROSA

730→SEE IRISBUS

Ares →SEE IRISBUS

Articulated

		R1	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			
		R2	**K19071.0**	8	19071	410	176	200	▶18,3		**96/104**	93683/93685			

Axer →SEE IRISBUS

B930

Engine: RVI 06.20.45 A3/B3/A41/C41/D41	01/97→12/01	F	**FCV4296PTS**	4	29253	430	248	108	30						

B930

		R	**K19615.0**	4	19615	420	195	180	21,5	opt.	**128**	93684			
				4	19616	420	195	180	▶21,45			93684			

B940 Articulated

Engine: RVI 06.20.45 A3/B3/A41/C41/D41	01/97→12/01	F	**FCV4296PTS**	4	29253	430	248	108	30						

B951, B952

Engine: Iveco Cursor 8 Euro3 2050 F2BE0682D180	01/02→2006	F	**FCV1598BFE**	4	29179	430	248	109	30						

B961 Articulated

	01/02→2006	F	**FCV1598BFE**	4	29179	430	248	109	30						

Citybus →SEE IRISBUS

Renault

Citybus	1992→1997	R	**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			
		R	**K19187.0**	8	19187	414	187	220	18,5		**64**	93059			

LAG

Panaramic

		F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			

LAZ

A183

CityLaz	2004→	F	**FCV1598BFE**	4	29179		248	109	30						

MAN

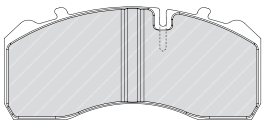
All

CR 160 (Ikarus) 124kW /168PS	1977→	F	**K17682.9***	8	17682	410	175	123	▶17,0	*use 17 682 17,00 60 8	**64**	93059			

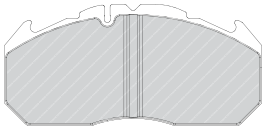
Chassis

11.220 HOCL	1996→	F	**FCV1275BFE**	4	29197		211	93	30					FAI132	
		R	**FCV1275BFE**	4	29197		211	93	30					FAI132	
14.220 HOCL, 18.350 HOCL	1996→	F	**FCV1578BFE**	4	29210	438	250	118	28					FAI162	**FCR144A**
			FCV1583B	4	29053		250	118	30	over size				FAI162	
		R	**FCV1578BFE**	4	29210	438	250	118	28					FAI162	**FCR144A**
			FCV1583B	4	29053		250	118	30	over size				FAI162	

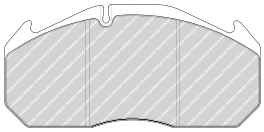
FCV1275BFE
4550 KNR SB/SN6...



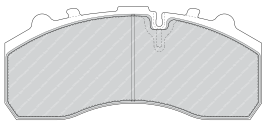
FCV1578BFE
4568 MER D3/D-ELSA 1



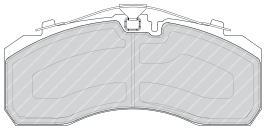
FCV1583B
4568 MER D3/D-ELSA 1



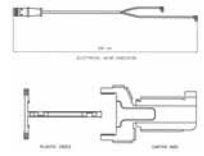
FCV1598BFE
4567 KNR SB/SN7....



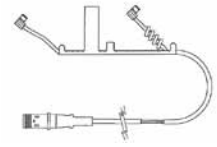
FCV4296PTS
4550 KNR SB/SN7



FAI132 ↔ 400mm
2



FAI162 ↔ 400mm
2



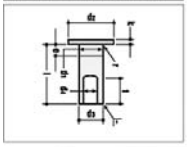


FCR144A

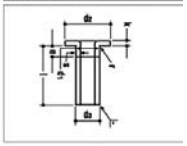
∅	A	B	C	D		Kg	ABS
438	45.0	35.0	135	200	10xM16	36.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

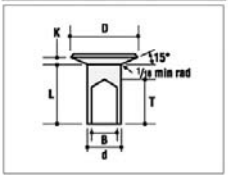
Type B – Semi-Tubular Rivet

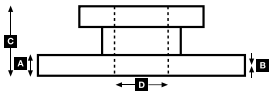


Type C – Tubular Rivet

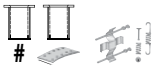


Type A – Semi Tubular Rivets











...MAN

EM-Series

EM 192, EM 222, EM 223 140-162kW	10/93→06/04	F	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h					FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h					FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h					FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →100 km/h					FAI164	**FCR144A**
EM 222, EM 223 140-162kW	07/04→06/06	F	**FCV1656BFE**	4	29156	438	250	118	30	D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1598BFE	4	29179	438	248	109	30	07/2006 → Knorr SN7 →80 km/h						**FCR144A**

EM-Series:

EM 192, EM 222, EM 223 140-162kW		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	**64**	93059			FAI205	

FR / FRH-Series:

332 F	→03/86	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	**64**	93059			FAI205	
FR 292 FRH 292 FRH 362 R 292		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	**64**	93059			FAI205	
FR 292	05/85→01/93	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060			FAI202	
FRH 292				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060			FAI202	
FRH 362	05/85→12/92	R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060			FAI202	
R 292	05/85→01/93			4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060			FAI202	

Lion's City

A21, A37	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006 → Knorr SN7 →80 km/h					FAI162	**FCR144A**

Lion's City C, L, LL

A26	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006 → Knorr SN7 →80 km/h					FAI162	**FCR144A**

Lion's City DD

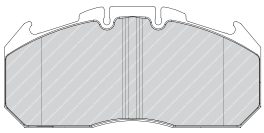
A39 Double Decker Bus	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006 → Knorr SN7 →80 km/h					FAI162	**FCR144A**

Lion's City G, GL, GXL

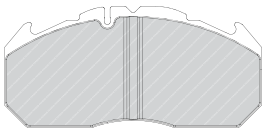
A23, A43	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006 → Knorr SN7 →80 km/h					FAI162	**FCR144A**
NG 262, 263, 312, 313 191-228kW	07/98→06/04	F	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h					FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h					FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h					FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →100 km/h					FAI164	**FCR144A**
		R	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h					FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h					FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h					FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h					FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1404BFE	4	29156	432	250	118	30	Opt, D-Elsa2 →100 km/h					FAI164	**FCR181A**
	07/04→	F	**FCV4296PTS**	4	29253	432	248	108	30	Knorr SN7 →100 km/h						**FCR215A**
			FCV1656BFE	4	29156	438	250	118	30	D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →100 km/h					FAI164	**FCR144A**
		R	**FCV4296PTS**	4	29253	432	248	108	30	Knorr SN7 →100 km/h						**FCR181A**
			FCV1656BFE	4	29156	438	250	118	30	D-Elsa2 →80 km/h					FAI164	**FCR144A**
			FCV1404BFE	4	29156	432	250	118	30	Opt, D-Elsa2 →100 km/h					FAI164	**FCR181A**

FERODO

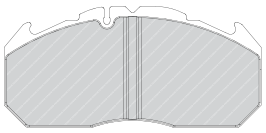
FCV1404BFE
4568 MER D-ELSA2



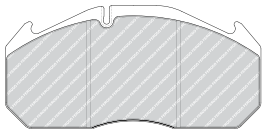
FCV1578BFE
4568 MER D3/D-ELSA 1



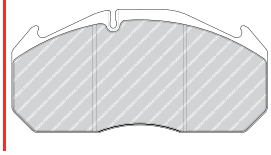
FCV1579BFE
4567 MER D3/D-ELSA 1



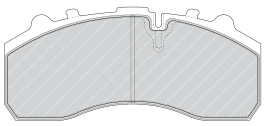
FCV1583B
4568 MER D3/D-ELSA 1



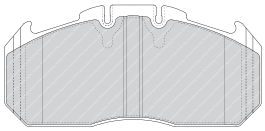
FCV1584B
4567 MER D3/D-ELSA 1



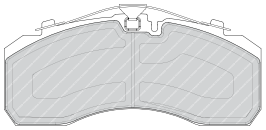
FCV1598BFE
4567 KNR SB/SN7....



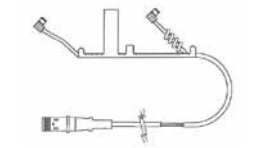
FCV1656BFE
4567 MER D-ELSA2



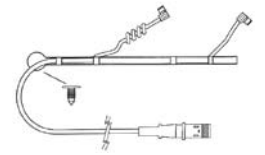
FCV4296PTS
4550 KNR SB/SN7



FAI162 ↔ 400mm
2



FAI164 ↔ 290mm
2



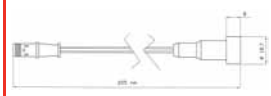
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



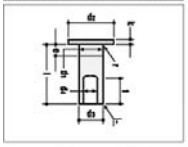
FAI206 ↔ 210mm
2



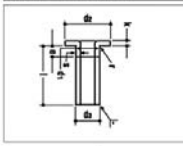
		∅	A	B	C	D		Kg		ABS
FCR144A		438	45.0	35.0	135	200	10xM16	36.0		
FCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0		
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

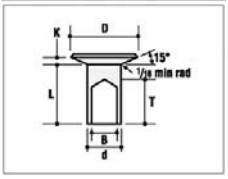
Type B – Semi-Tubular Rivet

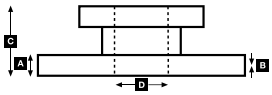


Type C – Tubular Rivet

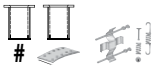


Type A – Semi Tubular Rivets











...MAN

Lion's City G, GL, GXL

NG 262/272, NG 312	1990→07/98	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
	11/84→04/94	R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
	11/84→09/89	R	**K19579.0**	4	19706	410	173	163	▶18,0	Auxiliary axle	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

Lion's City LE, LE Ü

A78	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h				FAI162	**FCR144A**
	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006→ Knorr SN7 →80 km/h				FAI162	**FCR144A**
A78 Coach	01/93→06/04		**FCV1578BFE**	4	29210	438	250	118	28	LE Ü Coach, D3/Elsa1 →100 km/h				FAI162	**FCR144A**
	07/98→06/04		**FCV1404BFE**	4	29156	438	250	118	30	LE Ü Coach, Opt, D-Elsa2 →100 km/h				FAI162	**FCR144A**
	07/04→		**FCV4296PTS**	4	29253		248	108	30	LE Ü Coach, 07/2004→ Knorr SN7 →100 km/h				FAI162	
EL 202, EL 222, EL 262 157-184kW	01/93→06/04		**FCV1578BFE**	4	29210	438	250	118	28	LE Ü Coach, D3/Elsa1 →100 km/h				FAI162	**FCR144A**
	07/98→06/04		**FCV1404BFE**	4	29156	438	250	118	30	LE Ü Coach, Opt, D-Elsa2 →100 km/h				FAI162	**FCR144A**
	07/04→		**FCV4296PTS**	4	29253		248	108	30	LE Ü Coach, 07/2004→ Knorr SN7 →100 km/h				FAI162	
	01/93→06/04		**FCV1583B**	4	29053		250	118	30	LE Ü Coach, over size D3/Elsa1 →100 km/h				FAI162	
	01/93→06/97	F	**FCV1579BFE**	4	29210		250	118	28	D3/Elsa1 →80 km/h				FAI162	
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h				FAI162	
EL 262 191kW	07/98→06/04	F	**FCV1579BFE**	4	29210		250	118	28	D3/Elsa1 →80 km/h				FAI162	
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI162	**FCR144A**
	07/04→06/06		**FCV1656BFE**	4	29156	438	250	118	30	D-Elsa2 →80 km/h				FAI162	**FCR144A**
			FCV1598BFE	4	29179	438	248	109	30	07/2006→ Knorr SN7 →80 km/h				FAI162	**FCR144A**

Lion's City LE, LE Ü

EL 202, EL 222, EL 262 157-184kW, EL 262 19kW	01/93→06/06	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

Lion's City LL

NL 202 157kW /214PS NL 313 NL 202 157kW /214PS, NL 313	09/89→04/94 07/98→	F	**K19579.0**	4	19706	410	173	163	▶18,0	12m 3 Axles, 15m /FAI203 for 2oversize opt.	72	93060		FAI202	
				4	19579	410	214	163	▶18,0			93060		FAI202	
	09/89→	R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

Lion's City M

A22, A35, A47, A66, A76	04/04→06/04		**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h				FAI162	**FCR144A**
	07/04→12/05		**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
	2006→		**FCV1598BFE**	4	29179	438	248	109	30	07/2006→ Knorr SN7 →80 km/h				FAI162	**FCR144A**

Lion's City M

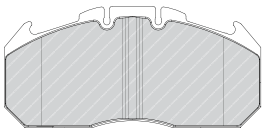
NM 152 NM 182 NM 192	05/90→03/97	F	**K17017.0**	8	17017	360	173	143	▶16,0		64	93058			
		R	**K19177.0**	8	19177	360	173	160	▶16,0		96	93058			
NM222, NM223	02/96→	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

Lion's City M

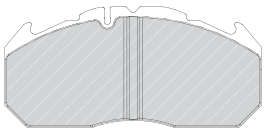
NM 222, NM 223 162kW	02/96→	F	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h				FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h				FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →100 km/h				FAI164	**FCR144A**
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					**FCR215A**
	07/04→		**FCV1656BFE**	4	29156	438	250	118	30	D-Elsa2 →80 km/h				FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	D-Elsa →100km/h				FAI164	**FCR144A**

FERODO

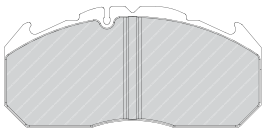
FCV1404BFE
4568 MER D-ELSA2



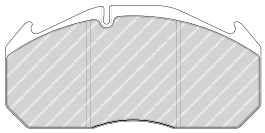
FCV1578BFE
4568 MER D3/D-ELSA 1



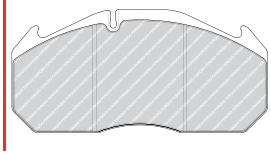
FCV1579BFE
4567 MER D3/D-ELSA 1



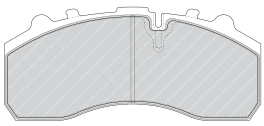
FCV1583B
4568 MER D3/D-ELSA 1



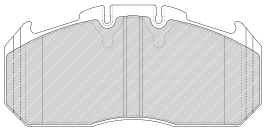
FCV1584B
4567 MER D3/D-ELSA 1



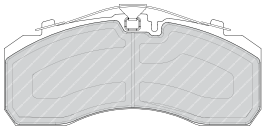
FCV1598BFE
4567 KNR SB/SN7....



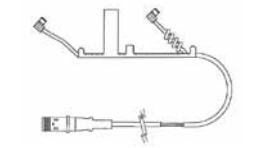
FCV1656BFE
4567 MER D-ELSA2



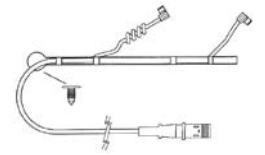
FCV4296PTS
4550 KNR SB/SN7



FAI162 ↔ 400mm
2



FAI164 ↔ 290mm
2



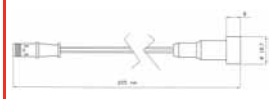
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2

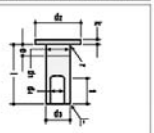




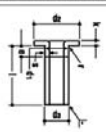
		∅	A	B	C	D		Kg		ABS
FCR144A		438	45.0	35.0	135	200	10xM16	36.0		
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

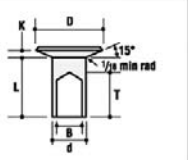
Type B – Semi-Tubular Rivet

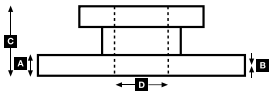


Type C – Tubular Rivet

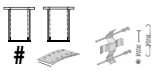


Type A – Semi Tubular Rivets








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Lion's City Ü, ÜLL, NÜ

A20, A25	04/04→06/04		FCV1578BFE	4	29210	438	250	118	28	Coach, D3/Etsa1 →100 km/h				FAI162	FCR144A
			FCV1404BFE	4	29156	438	250	118	30	Coach, Opt, D-Etsa2 →100 km/h				FAI164	FCR144A
	07/04→		FCV4296PTS	4	29253		248	108	30	Coach, Knorr SN7 →100 km/h					
NÜ 263, 313, NÜ 313 15M, NÜ 353 15M 191-257kW	09/96→	F	FCV1579BFE	4	29210	438	250	118	28	D3/Etsa1 →80 km/h				FAI162	FCR144A
			FCV1578BFE	4	29210	438	250	118	28	Coach, D3/Etsa1 →100 km/h				FAI162	FCR144A
			FCV1584B	4	29053		250	118	30	over size D3/Etsa1 →80 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	Coach, over size D3/Etsa1 →100 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Etsa2 →80 km/h				FAI164	FCR144A
			FCV1404BFE	4	29156	438	250	118	30	Coach, Opt, D-Etsa2 →100 km/h				FAI164	FCR144A
			FCV4296PTS	4	29253	432	248	108	30	Coach, 07/2004→ Knorr SN7 →100 km/h					FCR215A
		R	FCV1579BFE	4	29210	438	250	118	28	D3/Etsa1 →80 km/h				FAI162	FCR144A
			FCV1578BFE	4	29210	438	250	118	28	Coach, D3/Etsa1 →100 km/h				FAI162	FCR144A
			FCV1584B	4	29053		250	118	30	over size D3/Etsa1 →80 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	Coach, over size D3/Etsa1 →100 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Etsa2 →80 km/h				FAI164	FCR144A
			FCV1404BFE	4	29156	432	250	118	30	Coach, Opt, D-Etsa2 →100 km/h				FAI164	FCR181A
			FCV4296PTS	4	29253	432	248	108	30	Coach, 07/2004→ Knorr SN7 →100 km/h					FCR181A
	07/04→	F	FCV1656BFE	4	29156	438	250	118	30	Opt, D-Etsa2 →80 km/h				FAI164	FCR144A
NÜ 353 15M		F	FCV1404BFE	4	29156	438	250	118	30	Coach, Opt, D-Etsa2 →100 km/h				FAI164	FCR144A
		R	FCV1656BFE	4	29156	432	250	118	30	Opt, D-Etsa2 →80 km/h				FAI164	FCR181A

Lion's Coach

FRH 352, FRH 402, RH 353, RH 403 257-294kW	09/95→06/04	F	FCV1578BFE	4	29210		250	118	28	D3/Etsa1 →100 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1 →100 km/h					
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Etsa2 →100 km/h				FAI164	FCR144A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR215A
RH 464 257-294kW	03/00→06/04	F	FCV1578BFE	4	29210		250	118	28	D3/Etsa1 →100 km/h					
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1					
			FCV1404BFE	4	29156	438	250	118	30	Opt. D-Etsa2→ 100km/h				FAI164	FCR144A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR215A
		R	FCV1578BFE	4	29210	438	250	118	28	D3/Etsa1 →100 km/h				FAI162	FCR144A
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1				FAI162	
			FCV1404BFE	4	29156	432	250	118	30	Opt. D-Etsa2→ 100km/h				FAI164	FCR181A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR181A

Lion's Comfort

RN 313, RN 353 228-257kW	09/96→	F	FCV1578BFE	4	29210	438	250	118	28					FAI162	FCR144A
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1					
			FCV1404BFE	4	29156	438	250	118	30	D-Etsa2				FAI164	FCR144A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR215A

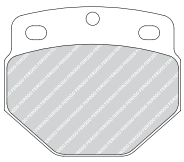
Lion's Comfort

RN 313 228kW/310PS	09/96→	R	K19581.0	4	19707	410	173	223	▶18,0		72	93060		FAI202	
RN 353 257kW/350PS	06/97→			4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

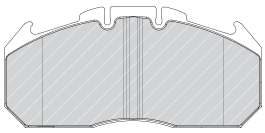
Lion's Star

FRH 422 309kW	01/93→09/96	F	FCV594	8	29747	460	140	121	32						FCR100A
			FCV1578BFE	4	29210	438	250	118	28	Opt, D3/Etsa1				FAI162	FCR144A
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1				FAI162	
FRH 352, FRH 402, RH 353, RH 403 257-294kW	09/95→06/04	F	FCV1578BFE	4	29210	438	250	118	28	D3/Etsa				FAI162	FCR144A
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1				FAI162	
			FCV1404BFE	4	29156	438	250	118	30	D-Etsa2				FAI164	FCR144A
			FCV4296PTS	4	29253		248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR215A
RH 464 257-294kW	03/00→06/04	F	FCV1578BFE	4	29210	438	250	118	28	D3/Etsa1				FAI162	FCR144A
			FCV1583B	4	29053	438	250	118	30	over size D3/Etsa1				FAI162	FCR144A
			FCV1404BFE	4	29156	438	250	118	30	D-Etsa2				FAI164	FCR144A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR215A
		R	FCV1578BFE	4	29210	438	250	118	28	D3/Etsa1				FAI162	FCR144A
			FCV1583B	4	29053		250	118	30	over size D3/Etsa1				FAI162	
			FCV1404BFE	4	29156	432	250	118	30	D-Etsa2				FAI164	FCR181A
			FCV4296PTS	4	29253	432	248	108	30	07/2004→ Knorr SN7 →100 km/h					FCR181A

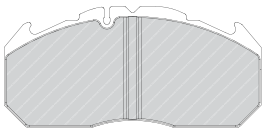
FCV594
3475 KNR K 85



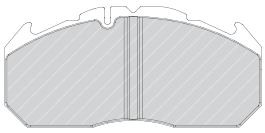
FCV1404BFE
4568 MER D-ELSA2



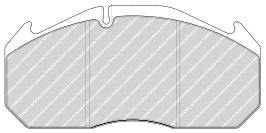
FCV1578BFE
4568 MER D3/D-ELSA 1



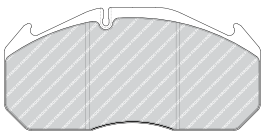
FCV1579BFE
4567 MER D3/D-ELSA 1



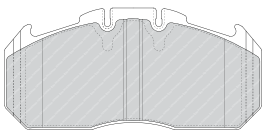
FCV1583B
4568 MER D3/D-ELSA 1



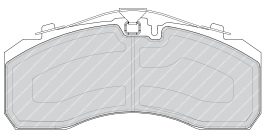
FCV1584B
4567 MER D3/D-ELSA 1



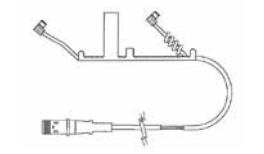
FCV1656BFE
4567 MER D-ELSA2



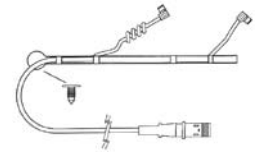
FCV4296PTS
4550 KNR SB/SN7



FAI162 ↔ 400mm
2



FAI164 ↔ 290mm
2



FAI202 ↔ 195mm
4



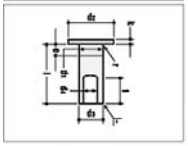
FAI203 ↔ 195mm
4



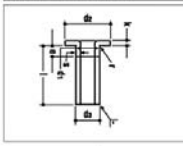
	∅	A	B	C	D		Kg		ABS
FCR100A	460	48.0	40.0	119	170	10xM16	34.0		
FCR144A	438	45.0	35.0	135	200	10xM16	36.0		
FCR181A	432	45.0	38.0	130	131	12x19 3xM12	36.0		
FCR215A	432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

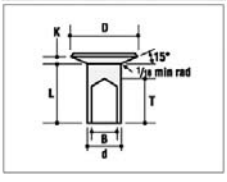
Type B – Semi-Tubular Rivet

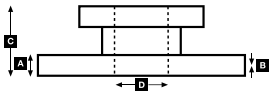


Type C – Tubular Rivet



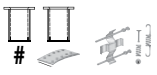
Type A – Semi Tubular Rivets













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Lion's Star

FRH 422 309kW, 420PS	01/93→09/96	R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

Lion's Star / Lion's Coach

RH 403 294kW /400PS	09/95→	R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

Regal/Regent

	01/57→12/68	F	**FCV668**	4	29013	354	183	87	21						**FCR126A**

Regal/Regent

	01/57→12/68	R	**K19255.0**	2	19255	360	256	170	16		**80**	93234			
				2	19259	360	349	170	▶17,5			93059			

SD / SL-Series:

SD 202 155kW /211PS, SL 200, SL 202	06/84→04/94	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SD 202 155kW /211PS	10/85→04/94	R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
SL 200	04/86→			4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SL 202	06/84→04/94														
SD 200	04/74→12/86	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	**64**	93059		FAI205	
SD 202	08/75→03/86	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	**64**	93059		FAI205	
SL 200	05/80→04/87														
SL 202	08/75→03/86														

SG Series:

SG220	1990→07/98	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SG 220 177kW /241PS	07/76→01/86		**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	**64**	93059		FAI205	
SG 240 H 213kW /290PS	11/84→04/94	R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
SG 240 HÜ	05/80→01/86		**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	**64**	93059		FAI205	
SG 242	→03/86		**K19486.9**	8	19494	410	175	163	▶17,0	Trailing axle/ FAI206 Opt for 19,1 version	**64**	93059		FAI205	
	09/85→04/94			4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SG 242 H 177kW /241PS	05/80→01/86														
SG 242 H	09/85→04/94		**K19579.0**	4	19706	410	173	163	▶18,0	Auxiliary axle	**72**	93060		FAI202	
SG 280	→03/86														
	04/86→			4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SG 282	→03/86														
	04/86→														
SG 292	09/85→														
SG 292 H 213kW /290PS	11/84→09/89														

SM-Series:

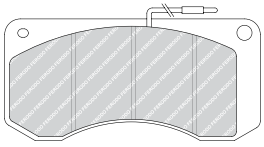
SM 152	11/87→04/94	F	**K17017.0**	8	17017	360	173	143	▶16,0		**64**	93058			
SM 182	11/87→02/95		**K19708.0**	6	19708	360	174	183	▶16,25	1995- Opt	**96**	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	**24**	93058			
SM 192	11/87→02/95	R	**K19177.0**	8	19177	360	173	160	▶16,0		**96**	93058			
			K19708.0	6	19708	360	174	183	▶16,25	1995- Opt	**96**	93058			
				2	19867	360	174	183	▶16,25	with w.i.hole	**24**	93058			

SR-Series:

RÜ 240	01/80→04/83	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	**64**	93059		FAI205	
RÜ 280		R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	**64**	93059		FAI205	
SR 240 177kW /241PS	10/75→06/83														
SR 280 206kW /280PS	01/77→11/86														
SR 280 H 206kW /280PS															
SR 320	01/81→03/86														
SR 321 H 235kW /320PS	03/82→11/86														
SR 361	07/78→03/86														
SR 240	04/86→	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
SR 280				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

FERODO

FCV668
4550 S.E.E. 2 x 67



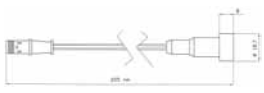
FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2



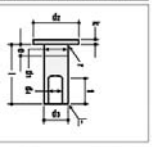


FCR126A

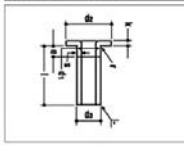
∅	A	B	C	D		Kg	ABS
354	30.0	26.0	82	128	10x12.4	14.2	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93234	9.5	05x12	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

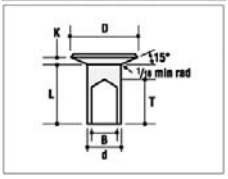
Type B – Semi-Tubular Rivet

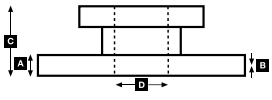


Type C – Tubular Rivet

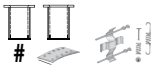


Type A – Semi Tubular Rivets











...MAN

SÜ-Series:

SÜ 240	01/86→09/89	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
SÜ 242 180kW /245PS	01/87→04/93			4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SÜ 272 198kW /269PS	04/93→05/95	R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
SÜ 292 229kW /311PS	04/92→04/93			4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
SÜ 322 235kW /320PS	05/95→06/97														
ÜL 242 177kW /241PS	09/89→03/93														
ÜL 292 213kW /290PS															
SÜ 242	05/80→01/86	F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI206 Opt for 19,1 version	64	93059		FAI205	
SÜ 280	02/77→03/86	R	**K19488.9**	8	19496	410	177	223	▶17,0	FAI206 Opt for K19488.1	64	93059		FAI205	

UL

UL 313, UL 353 228-257kW	09/96→	F	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h				FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h				FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →100 km/h				FAI164	**FCR144A**
			FCV4296PTS	4	29253	432	248	108	30	07/2004 → Knorr SN7 →100 km/h					**FCR215A**
		R	**FCV1579BFE**	4	29210	438	250	118	28	D3/Elsa1 →80 km/h				FAI162	**FCR144A**
			FCV1578BFE	4	29210	438	250	118	28	D3/Elsa1 →100 km/h				FAI162	**FCR144A**
			FCV1584B	4	29053		250	118	30	over size D3/Elsa1 →80 km/h				FAI162	
			FCV1583B	4	29053		250	118	30	over size D3/Elsa1 →100 km/h				FAI162	
			FCV1656BFE	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
			FCV1404BFE	4	29156	432	250	118	30	Opt, D-Elsa2 →100 km/h				FAI164	**FCR181A**
			FCV4296PTS	4	29253	432	248	108	30	07/2004 → Knorr SN7 →100 km/h					**FCR181A**
	07/04→	F	**FCV1656BFE**	4	29156	438	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR144A**
			FCV1404BFE	4	29156	438	250	118	30	D-Elsa2 →100 km/h				FAI164	**FCR144A**
		R	**FCV1656BFE**	4	29156	432	250	118	30	Opt, D-Elsa2 →80 km/h				FAI164	**FCR181A**
			FCV1404BFE	4	29156	438	250	118	30	D-Elsa2 →100 km/h				FAI164	**FCR144A**

MCW

Metrobus

All	1979→1989	F	**K19487.9**	8	19495	410	177	183	▶17,0	Opt.	64	93059		FAI205	
		R	**K19745.0**	8	19745	394	157	203	18,5/11,5		96				
			K19488.9	8	19496	410	177	223	▶17,0	Opt.	64	93059		FAI205	

Metroliner

Single/Double Deck Coach	1983→1989	R	**K19745.0**	8	19745	394	157	203	18,5/11,5		96				

Metrorider

25 seater, 33 seater	01/87→12/89	F	**FCV523**	4	29302	324	176	80	22						**FCR122A**
		R	**FCV523**	4	29302	324	176	80	22						**FCR122A**

Metrorider

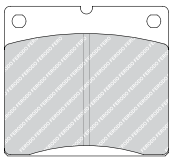
25 seater	1982→1986	F	**K17217.0**	4	17217	330	295	125	11,7		48	93684			
		R	**K17932.0**	2	17933	330	295	127	▶8,5		52				
				2	17932	330	295	127	▶8,5		52				

MENARINI

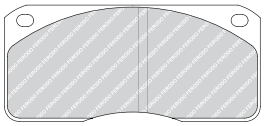
All

5001		F	**FCV624**	8	29072	350	170	111	19						**FCR127A**
Monocar 101		R	**FCV1053**	4	29066	412	118	107	21,5	with twin WI					**FCR123A**
Monocar 102-120		F	**FCV1614**	8	29186	417	180	106	20				K49.8556.9		**FCR177A**
Monocar 110-201	→1994	F	**FCV460**	4	29063	412	118	107	22						**FCR123A**
			FCV964	4	29064	350	118	107	21,5	with WI					**FCR127A**
Monocar 220-321	→1994	F	**FCV460**	4	29063	412	118	107	22						**FCR123A**
			FCV964	4	29064	412	118	107	21,5	with WI					**FCR123A**
			FCV1053	4	29066	417	118	107	21,5	with twin WI					**FCR177A**
			FCV1916	4	29066		118	107	21,5	18m bus length					
Monocar 230		F	**FCV1053**	4	29066	412	118	107	21,5	with twin WI					**FCR123A**
Monocar 240		F	**FCV1821B**	4	29150		249	117.5	30						

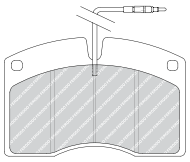
FCV460 3475 BRE



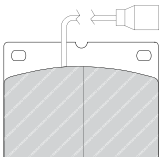
FCV523 3422 MER 2x68



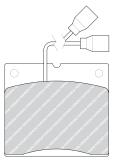
FCV624 3538 BRE



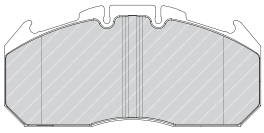
FCV964 3475 BRE



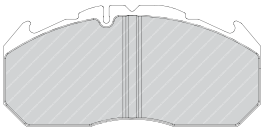
FCV1053 3475 BRE



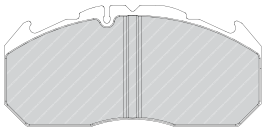
FCV1404BFE 4568 MER D-ELSA2



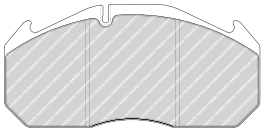
FCV1578BFE 4568 MER D3/D-ELSA 1



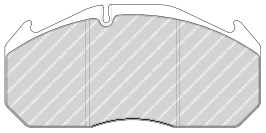
FCV1579BFE 4567 MER D3/D-ELSA 1



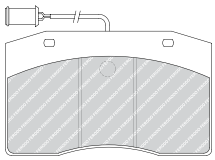
FCV1583B 4568 MER D3/D-ELSA 1



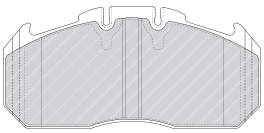
FCV1584B 4567 MER D3/D-ELSA 1



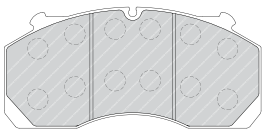
FCV1614 3538 BRE Bi-disc



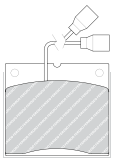
FCV1656BFE 4567 MER D-ELSA2



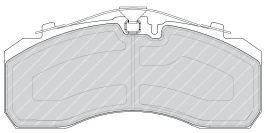
FCV1821B 4567 MER DX225



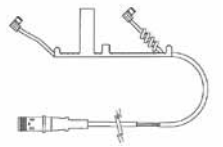
FCV1916 3422 BRE



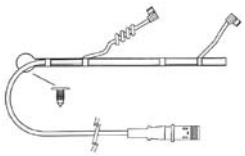
FCV4296PTS 4550 KNR SB/SN7



FAI162 ↔ 400mm
2



FAI164 ↔ 290mm
2



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



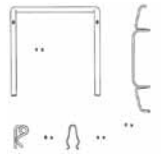
FAI205 ↔ 210mm
2



FAI206 ↔ 210mm
2



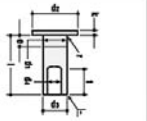
K49.8556.9 ↔



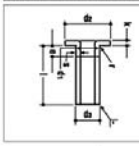
		∅	A	B	C	D		Kg		ABS
FCR122A		324	30.0	27.0	111	165	12x13	13.0		
FCR123A		412	42.0	40.0	45	160	12	25.0		
FCR127A		350	30.0	26.0	73	145	16x12.1	13.0		
FCR144A		438	45.0	35.0	135	200	10xM16	36.0		
FCR177A		417	30.0	27.0	73	159	10x18.5	18.6		
FCR181A		432	45.0	38.0	130	131	12x19 3xM12	36.0		
FCR215A		432	45.0	40.0	135	208	10xM16	37.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

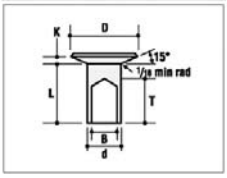
Type B – Semi-Tubular Rivet

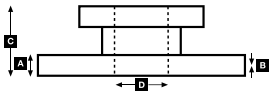


Type C – Tubular Rivet

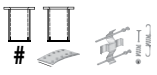


Type A – Semi Tubular Rivets











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All

5001		R	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067			
				4	19850	410	192	160	▶17,45			93683			
Monocar 110-201		R	K19896.0	8	19896	419	196	178	18,0		112	93683			
Monocar 220-321	1995→	R	K19743.2	4	19712	410	208	220	▶18,1		96	93067			
				4	19755	410	211	220	▶18,0			93067			

MERCEDES-BENZ

Citaro (O 530)

Citaro G, L, N, NG, GNG 170-260kW	01/98→	F	FCV1598BFE	4	29179	430	248	109	30						FCR145A
		R	FCV1598BFE	4	29179	430	248	109	30						FCR145A
			FCV1598BFE	4	29179	430	248	109	30	trailing axle					FCR145A

Cito (O 520)

Cito 130kW	06/99→	F	FCV1598BFE	4	29179	430	248	109	30						FCR145A
		R	FCV1598BFE	4	29179	430	248	109	30						FCR145A

Concerto O 345:

Concerto C, H, M, UE	11/01→	F	K19579.0	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19581.0	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

Integro O 550:

Integro (12m)	01/00→	F	FCV760B	4	29083	438	250	118	28					FAI107	FCR120A
			FCV1086B	4	29084		250	118	30	over size				FAI107	
Integro M	01/00→	F	FCV760B	4	29083	438	250	118	28					FAI107	FCR120A
			FCV1086B	4	29084		250	118	30	over size				FAI107	
		R	FCV1598BFE	4	29179		248	109	30						
Integro L	01/00→	F	FCV760B	4	29083	438	250	118	28					FAI107	FCR120A
			FCV1086B	4	29084		250	118	30	over size				FAI107	
		R	FCV1598BFE	4	29179		248	109	30						
			FCV760B	4	29083	438	250	118	28	Option R2				FAI107	FCR120A
			FCV1086B	4	29084		250	118	30	over size option R2				FAI107	

Integro O 550:

Integro (12m)	01/00→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

Medio (Midibus)

Medio	01/99→	F	FVR501	4	29835	324	175	85	22				FAC174	FAI103	
		R	FVR501	4	29835	324	175	85	22				FAC174	FAI103	

Mini Bus

307 D, 308/D, 310/D	05/77→12/94	F	FVR239	4	29784	280	149	74	18					FAI102	FCR116A

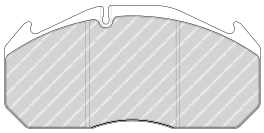
Mini Bus

308 63kW /85PS	1982→1994	R	K13532.0	2	13532	260	201	54	8,0		52	93021		FAI200	
308 D 58kW /79PS				2	13020	260	233	54	8,0			93021		FAI200	
310, D 70kW /95PS															

O 1114/O 1117/O 1120:

O 1114, L (BM 675) 100kW/136PS	1984→	F	K17949.0	4	17290	360	172	130	▶13,4	→09/88	56	93058			
O 1117, L (BM 676) 125kW/170PS				4	17950	360	130	130	▶13,5			93058			
O 1120, L (BM 677) 150kW/204PS		F	K19844.3	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	
		R	K17949.0	4	17290	360	172	130	▶13,4	→09/88	56	93058			
				4	17950	360	130	130	▶13,5			93058			
		R	K19844.3	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	

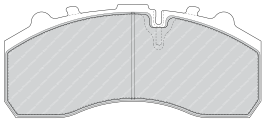
FCV760B
3422 MER D3



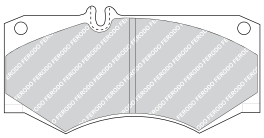
FCV1086B
3422 MER D3



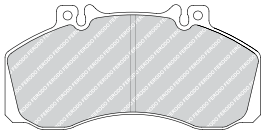
FCV1598BFE
4567 KNR SB/SN7....



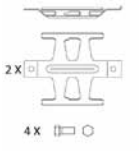
FVR239
3422 PER



FVR501
3422 MER



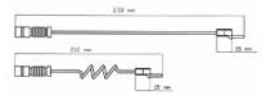
FAC174 ↔
2X
4X



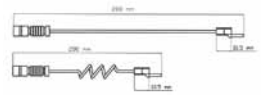
FAI102 ↔ 95mm
4



FAI103 ↔ 238mm
2+2



FAI107 ↔ 280mm
2+2



FAI200 ↔ 225mm
4



FAI202 ↔ 195mm
4



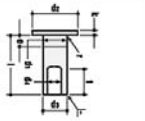
FAI203 ↔ 195mm
4



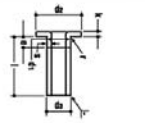
		∅	A	B	C	D		Kg		ABS
FCR116A		280	16.0	13.0	78.5	88	5x18 5x12.5	7.0		
FCR120A		438	45.0	41.0	135	195	10xM14	33.5		
FCR145A		430	45.0	37.0	132	211	10xM14	34.2		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93021	7.5	04x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

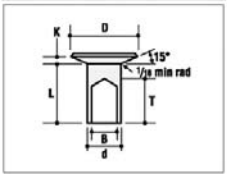
Type B – Semi-Tubular Rivet

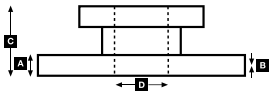


Type C – Tubular Rivet

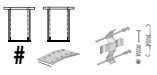


Type A – Semi Tubular Rivets










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O 301:

O 301 125kW /170PS	02/86→05/87	F	**K19844.0**	4	19844	360	130	160	▶13,5	→09/88	56	93058		FAI202	
				4	19506	360	172	160	▶13,4			93058		FAI202	
		F	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	
		R	**K19844.0**	4	19844	360	130	160	▶13,5	→09/88	56	93058		FAI202	
				4	19506	360	172	160	▶13,4			93058		FAI202	
		R	**K19844.3**	4	19844	364	131	160	▶15,5	10/88→	56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	

O 303:

O 303	10/74→09/92	F	**K19579.0**	4	19706	410	173	163	▶18,0	With Compressed air brakes	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		F	**17 795 18,00 00 6**	4	17796	410	216	143	▶18,0	With hydraulic brakes	72	93059			
				4	17795	410	172	143	▶18,0			93059			
		R	**K19581.0**	4	19707	410	173	223	▶18,0	With Compressed air brakes	72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19579.0**	4	19706	410	173	163	▶18,0	With hydraulic brakes	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

O 305/O 307:

O 305 G 177kW /241PS	02/78→05/87	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
O 305 ST	01/69→05/87			4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
O 307 155kW /210PS	11/76→08/87	R1	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R2	**K19581.0**	4	19707	410	173	223	▶18,0	Articulated bus	72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

O 309:

O 309	1966→	F	**K15349.0**	2	15350	300	288	70	9,0		52	93049			
				2	15349	300	245	70	9,0			93049			
		F	**K15580.2**	2	15580	304	244	98	12,0	10/77- (OM 352), 130 PS	52	93047			
				2	15581	304	286	98	12,0			93047			
		F	**K17409.3**	4	17409	304	248	135	12,0	Opt. 10/77-	40	93058			
		R	**K15349.0**	2	15350	300	288	70	9,0		52	93049			
				2	15349	300	245	70	9,0			93049			
		R	**K15580.2**	2	15580	304	244	98	12,0	10/77- (OM 352), 130 PS	52	93047			
				2	15581	304	286	98	12,0			93047			
		R	**K17409.3**	4	17409	304	248	135	12,0	Opt. 10/77-	40	93058			

O 317:

O 317 K 177kW /240PS	1970→	F	**K19125.0**	8	19125	370	156	160	19,7		64	93059			
O 317.2 (Chass. 317.231-10-00.4341-)		R1	**K19466.0***	8	19466	370	156	220	19,4	*use 19 466 19,40 60 8	80	93059			
155kW /210PS		R2	**K19032.0**	8	19032	420	205	180	▶17,8	Trailing axle	80	93058			

O 340

O 340, Tourismo	01/91→08/95	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

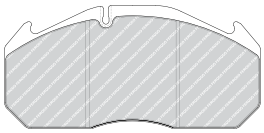
O 340/350 - O 404

O 340/350 - O 404 151-280kW	09/91→10/99	F	**FCV760B**	4	29083	438	250	118	28				FAC102	FAI107	**FCR120A**
			FCV1086B	4	29084		250	118	30	over size			FAC102	FAI107	
		R	**FCV760B**	4	29083	438	250	118	28				FAC102	FAI107	**FCR120A**
			FCV1086B	4	29084		250	118	30	over size			FAC102	FAI107	

O 402:

O 402	02/86→12/91	F	**K19844.3**	4	19844	364	131	160	▶15,5		56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	
		R	**K19844.3**	4	19844	364	131	160	▶15,5		56	93058		FAI202	
				4	19506	364	172	160	▶15,4			93058		FAI202	

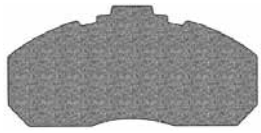
FCV760B
3422 MER D3



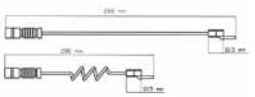
FCV1086B
3422 MER D3



FAC102 ↔



FAI107 ↔ 280mm
2+2



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



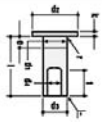


FCR120A

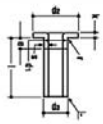
∅	A	B	C	D		Kg	ABS
438	45.0	41.0	135	195	10xM14	33.5	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

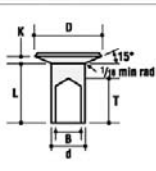
Type B – Semi-Tubular Rivet

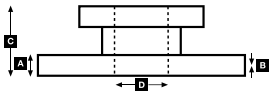


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





...MERCEDES-BENZ

O 405/O 407:

O 405 G, GN, GTD	11/85→	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R1	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R2	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
O 405 ST, N O 407	12/84→ 03/87→11/01	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

O 408:

O 408 184kW /250PS	01/91→12/98	F	**K19579.0**	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	**K19581.0**	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

O 409 (5 to 7,5):

O 409	01/86→	F	**FVR501**	4	29835	304	175	85	22				FAC174	FAI103	**FCR118A**

O 409 (5 to):

		R	**K15869.0**	2	15869	300	237	87	9,3		52	93047		FAI201	
				2	15059	300	264	87	9,3			93047		FAI201	

O 409 (6 to):

		R	**K17973.0**	2	17973	300	237	102	9,3		52	93048		FAI201	
				2	17350	300	264	102	9,3			93048		FAI201	

O 409 (7,5 to):

		R	**K17975.0**	2	17975	300	237	122	9,3		52	93048		FAI201	
				2	17351	300	264	122	9,3			93048		FAI201	

O 606/O 611/O 614:

O 611 D O 614 D		R	**K17975.0**	2	17975	300	237	122	9,3		52	93048		FAI201	
				2	17351	300	264	122	9,3			93048		FAI201	

O 609/O 611/O 614:

O 609 D, O 611 D, O 614 D		F	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**

O 814 (7,5 to):

O 814, L (BM 674) 96kW/130PS	1984→	F	**K17927.0***	4	17278	304	258	105	▶11,5	*use 17 278 11,50 00 4 / →6/87	40	93057		FAI202	
			K17927.3*	4	17278	308	259	105	▶13,5	*use 17 278 13,50 00 4, 7/87→	40	93057		FAI202	
		R	**K17927.0***	4	17278	304	258	105	▶11,5	*use 17 278 11,50 00 4 / →6/87	40	93057		FAI202	
			K17927.3*	4	17278	308	259	105	▶13,5	*use 17 278 13,50 00 4, 7/87→	40	93057		FAI202	

O 814 (8/8,6 to):

O 814, L 96kW /130PS	1984→	F	**K17928.0**	4	17280	304	258	120	▶11,5	→6/87	40	93057		FAI202	
			K17928.3	4	17280	308	259	120	▶13,5	7/87→	40	93057		FAI202	
		R	**K17927.0***	4	17278	304	258	105	▶11,5	*use 17 278 11,50 00 4 / →6/87	40	93057		FAI202	
			K17928.0	4	17280	308	259	120	▶11,5	→6/87 Opt	40	93057		FAI202	
			K17927.3*	4	17278	308	259	105	▶13,5	*use 17 278 13,50 00 4, 7/87→	40	93057		FAI202	
			K17928.3	4	17280	308	259	120	▶13,5	7/87- Opt	40	93057		FAI202	

O 817:

O 817, L (BM 676) 125kW /170PS	1984→	F	**K17928.0**	4	17280	304	258	120	▶11,5	→6/87	40	93057		FAI202	
			K17928.3	4	17280	308	259	120	▶13,5	7/87→	40	93057		FAI202	
		R	**K17927.0**	4	17287	304	258	135	▶11,5	→6/87	40	93057		FAI202	
			K17928.0	4	17280	304	258	120	▶11,5	→6/87 Opt	40	93057		FAI202	
			K17929.3	4	17287	308	257	135	▶13,5	7/87→	40	93057		FAI202	
			K17928.3	4	17280	308	259	120	▶13,5	7/87- Opt	40	93057		FAI202	

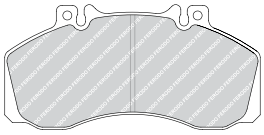
Sprinter Mini Bus (3,5 ton)

Sprinter		F	**FVR1038**	4	21576	276	156	65	19						**FCR228A**
		R	**FVR1876**	4	21592	272	156,4	55,2	18,5	01/98→					**FCR229A**

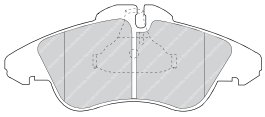
Sprinter Mini Bus (4,6 ton)

Sprinter		F	**FVR1879**	4	29153	276	165	73	19,7					FWI278	**FCR228A**
		R	**FVR1879**	4	29153	272	165	73	19,7					FWI278	**FCR229A**

FVR501 3422 MER



FVR1038 4020 ATE



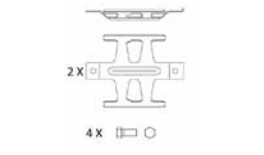
FVR1876 4260 ATE



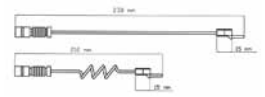
FVR1879 4020 PER



FAC174 ↔



FAI103 ↔ 238mm 2+2



FAI201 ↔ 260mm 4



FAI202 ↔ 195mm 4



FAI203 ↔ 195mm 4



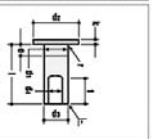
FWI278 ↔ 189mm 2



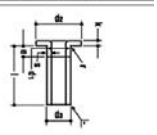
		∅	A	B	C	D		Kg		ABS
FCR118A		304	30.0	26.0	91	118	6xM12	10.5		
FCR119A		324	30.0	26.0	91	118	6xM12	11.0		
FCR228A		276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8		
FCR229A		272	16.0	14.0	96	85	5x15 1x9/17 1x16/23	6.9		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93047	11.5	06x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

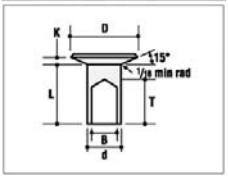
Type B – Semi-Tubular Rivet

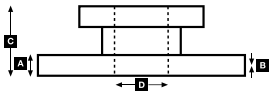


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...MERCEDES-BENZ

Tourino (O 510)

Tourino 180-205kW	10/03→	F	**FCV1275BFE**	4	29197	377	211	93	30							**FCR189A**
		R	**FCV1275BFE**	4	29197	377	211	93	30							**FCR206A**

Tourismo (O 350)

Tourismo 250-310kW	08/95→	F	**FCV760B**	4	29083	438	250	118	28				FAC102	FAI107	**FCR120A**
			FCV1086B	4	29084		250	118	30	over size			FAC102	FAI107	
		R	**FCV760B**	4	29083	438	250	118	28				FAC102	FAI107	**FCR120A**
			FCV1086B	4	29084		250	118	30	over size			FAC102	FAI107	
Tourismo RHD, SHD 250-310kW	09/03→	F	**FCV4296PTS**	4	29253	430	248	108	30					FAI134	**FCR145A**
	08/95→	R	**FCV4296PTS**	4	29253	430	248	108	30						**FCR145A**

Travego (O 580)

15 RH/RHD, 17 RHD 260-350kW	10/99→	F	**FCV4296PTS**	4	29253	430	248	108	30							**FCR145A**
		R	**FCV4296PTS**	4	29253	430	248	108	30							**FCR145A**
			FCV4296PTS	4	29253	430	248	108	30	trailing axle						**FCR145A**

Vario Minibus

810, 812, 814, 815 O 810, 812, 814, 815	09/96→	F	**FVR1522**	4	29835	304 324	175	85	22				FAC174	FAI103	**FCR162A** **FCR163A**
		R	**FVR1522**	4	29835	304 324	175	85	22				FAC174	FAI103	**FCR164A** **FCR165A**

MOSELEY

Drawbar Trailer

NVDB	1978→	All	**K19604.0**	4	19604	311	126	190	▶14,8		**80**	93685			
				4	19605	311	158	190	▶16,1			93685			

Drop Frame

NVSLL 32.5 tons gross	1978→	All	**K19604.0**	4	19604	311	126	190	▶14,8		**80**	93685			
				4	19605	311	158	190	▶16,1			93685			

Low Rider

36 ton GVW	1978→	F	**K19369.0**	4	19369	419	189	219	▶18,7		**96**	93685			
				4	19370	419	192	219	▶19,3		**96**	93685			
		R	**K19369.0**	4	19369	419	189	219	▶18,7		**96**	93685			
				4	19370	419	192	219	▶19,3		**96**	93685			

NEOPLAN

All

Neoplan-Bus for Knorr-Brake pads N 8008		F	**FCV594**	8	29747	460	140	121	32							**FCR100A**
			FCV987	4	29055		176	83	22							
		R	**FCV987**	4	29055		176	83	22							

All

Neoplan-Bus for Eaton-axle		F	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683			
		R	**K19896.0**	8	19896	419	196	178	18,0		**112**	93683			

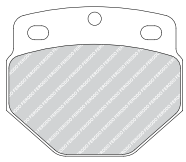
Centroliner:

N 4407, N 4410, N 4411, N 4413, N 4414, N 4416, N 4420, N 4420/3, N 4421, N 4421/3, N 4426/3 162-257kW	10/98→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	
		R	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**

Cityliner:

N 116 228-267kW	09/90→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**
N 116, N 116/3 HC 272-338kW	09/90→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**

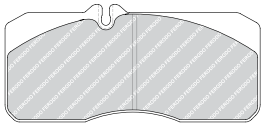
FCV594
3475 KNR K 85



FCV760B
3422 MER D3



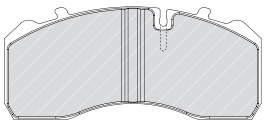
FCV987
4551 WAB 1000 V-G



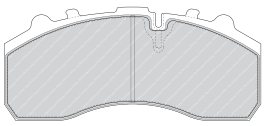
FCV1086B
3422 MER D3



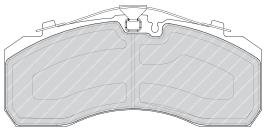
FCV1275BFE
4550 KNR SB/SN6...



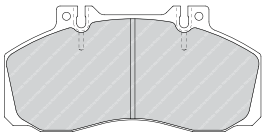
FCV1598BFE
4567 KNR SB/SN7....



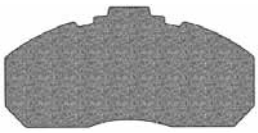
FCV4296PTS
4550 KNR SB/SN7



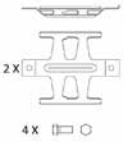
FVR1522
4027 MER



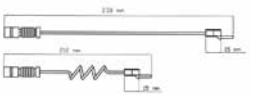
FAC102 ↔



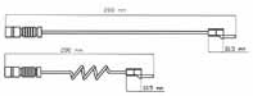
FAC174 ↔



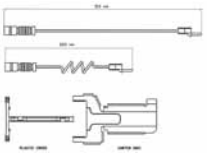
FAI103 ↔ 238mm
2+2



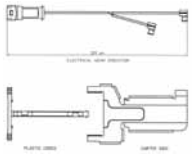
FAI107 ↔ 280mm
2+2



FAI130 ↔ 310mm
2+2



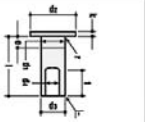
FAI134 ↔ 355mm
2



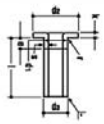
		∅	A	B	C	D		Kg		ABS
FCR100A		460	48.0	40.0	119	170	10xM16	34.0		
FCR120A		438	45.0	41.0	135	195	10xM14	33.5		
FCR145A		430	45.0	37.0	132	211	10xM14	34.2		
FCR162A		304	30.0	26.0	91	118	6xM12	10.5		
FCR163A		324	30.0	26.0	91	118	6xM12	11.0		
FCR164A		304	30.0	26.0	120	157	6xM12	11.4		
FCR165A		324	30.0	26.0	120	157	6xM12	12.2		
FCR168A		430	45.0	37.0	131	203	10xM16	34.4		
FCR189A		377	45.0	37.0	134	105.7	14x14.5	24.0		
FCR206A		377	45.0	38.0	159	230	8x23 2x10.5 5xM6	27.0		✓

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

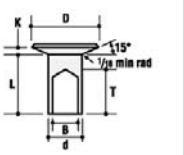
Type B – Semi-Tubular Rivet

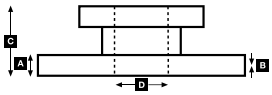


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...NEOPLAN

Cityliner:

N 116 158kW /215PS	1974→	F	K17263.0*	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6 /	80	93685			
N 116/3 188kW /256PS				4	17264	419	216	127	▶18,8	DAF-axle N 120		93685			
			K19579.0	4	19706	410	173	163	▶18,0	Merc Axle V04/11DL-7	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19256.0	4	19256	419	208	178	▶18,3	DAF-axle 2250	112	93685			
				4	19260	419	216	178	▶18,8			93685			
			K19581.0	4	19707	410	173	223	▶18,0	Merc Axle H07/DL10	72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 116 H	1992→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
N 116/3				2	19699	410	192	220	▶17,55			93067			
N 116/3H				4	19848	410	192	220	▶17,45			93067			

Euroliner:

N 316 SHD		F	FCV1598BFE	4	29179	430	248	109	30					FAI130	FCR168A
		R	FCV1598BFE	4	29179	430	248	109	30					FAI130	FCR168A

Jetliner:

N 208, N212, N 213, N 214	09/90→	F	FCV1598BFE	4	29179	430	248	109	30						FCR168A
		R	FCV1598BFE	4	29179	430	248	109	30						

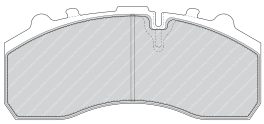
Jetliner:

N 208 96kW /130PS	1974→	F	17 297 15,00 60 8	8	17297	418	213	100	15,0		64	93058			
N 210 96kW /130PS		R	K17298.0*	8	17298	418	213	120	15,0	*use 17 298 15,00 60 8	64	93058			
N 212	1974→1992	F	17 286 10,00 60 8	8	17286	440	190	100	10,0		64	93059			
N 213	1974→		K19125.0	8	19125	370	156	160	19,7	Merc Axle	64	93059			
N 312		R	K19466.0*	8	19466	370	156	220	19,4	*use 19 466 19,40 60 8	80	93059			
N 313															
N 412															
N 413															
N 213 H, SHD	1992→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
N 214 H, SHD				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
N 214	1974→1992	F	17 286 10,00 60 8	8	17286	440	190	100	10,0		64	93059			
N 216			K17263.0*	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6 /	80	93685			
N 218				4	17264	419	216	127	▶18,8	DAF-axle N 120		93685			
N 314	1974→1982		K19579.0	4	19706	410	173	163	▶18,0	Merc Axle V04/11DL-7	72	93060		FAI202	
N 316				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 414		R	K19256.0	4	19256	419	208	178	▶18,3	DAF-axle 2250	112	93685			
N 416				4	19260	419	216	178	▶18,8			93685			
			K19581.0	4	19707	410	173	223	▶18,0	Merc Axle H07/DL10	72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 326 188kW /256PS	1974→	F	K19579.0	4	19706	410	173	163	▶18,0		72	93060		FAI202	
N 426 188kW /256PS				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19581.0	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 407 100kW /136PS		F	K19918.0	4	19225	360	318	170	14,0	10/85→	72	93059			
N 409 100kW /136PS		R	K17900.0	2	17900	325	301	147	12,1	→09/85	44	93057			
				2	17901	325	251	147	12,1			93057			
		R	K19918.0	4	19225	360	318	170	14,0	10/85→	72	93059			
N 416	1983→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

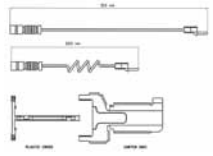
Low Floor Buses

N 4008, N 4009, N 4010, N 4011, N 4014, N 4016, N 4024, N 4026	01/92→	F	FCV1598BFE	4	29179	430	248	109	30					FAI130	FCR168A

FCV1598BFE
4567 KNR SB/SN7....



FAI130 ↔ 310mm
2+2



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



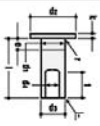


FCR168A

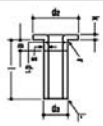
∅	A	B	C	D		Kg	ABS
430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93057	15.5	08x12	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

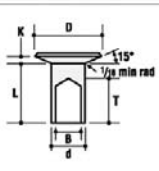
Type B – Semi-Tubular Rivet

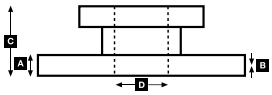


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...NEOPLAN

Low Floor Buses

N 4007 NF	1988→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067			
N 4009 LNF				4	19850	410	192	160	▶17,45			93067			
N 4009 NF		R	K19743.2	4	19712	410	208	220	▶18,1	cast iron brake shoes	96	93067			
N 4014 NF				4	19755	410	211	220	▶18,0			93067			
N 4016 NF															
N 4021 NF															
N 4009	1992→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
N 4010				2	19699	410	192	220	▶17,55			93067			
N 4011				4	19848	410	192	220	▶17,45			93067			
N 4014															
N 4016															
N 4024															
N 4026															

Metroliner:

MIC 4008, MIC 4012, MIC 4017	01/90→	F	FCV987	4	29055		176	83	22						
		R	FCV987	4	29055		176	83	22						

Metroliner:

MIC 4012	1990→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067			
MIC 4017				4	19850	410	192	160	▶17,45			93067			
		R	K19847.0	2	19847	410	192	220	▶17,55	Opt.	96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

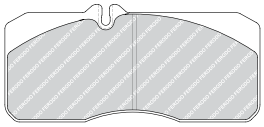
Skyliner

N 122/3 268-295kW	09/92→	F	FCV1598BFE	4	29179	430	248	109	30					FAI130	

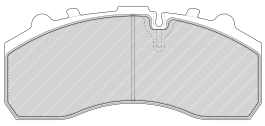
Skyliner:

N 122	1974→	F	K17263.0*	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6 /	80	93685			
				4	17264	419	216	127	▶18,8	DAF-axle N 120		93685			
			K19579.0	4	19706	410	173	163	▶18,0	Merc Axle V04/11DL-7	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19256.0	4	19256	419	208	178	▶18,3	DAF-axle 2250	112	93685			
				4	19260	419	216	178	▶18,8			93685			
			K19581.0	4	19707	410	173	223	▶18,0	Merc Axle H07/DL10	72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 122	1984→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R1	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
		R2	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067			
				4	19850	410	192	160	▶17,45			93067			
N 122 (DAF ch.)	1974→1992	F	K17263.0*	4	17263	419	209	127	▶18,3	*use 17 263 18,30 60 6	80	93685			
				4	17264	419	216	127	▶18,8			93685			
		R	K19256.0	4	19256	419	208	178	▶18,3		112	93685			
				4	19260	419	216	178	▶18,8			93685			
N 122 (Mercedes ch.)	1974→1992	F	K19579.0	4	19706	410	173	163	▶18,0		72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19581.0	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
N 122/3	1992→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,45			93067			
				4	19848	410	192	220	▶17,45			93067			
N 138	1975→1984	F	K19579.0	4	19706	410	173	163	▶18,0		72	93060		FAI202	
N 138/4				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
		R	K19581.0	4	19707	410	173	223	▶18,0		72	93060		FAI202	
				4	19581	410	214	223	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	
			K19579.0	4	19706	410	173	163	▶18,0	Trailing axle	72	93060		FAI202	
				4	19579	410	214	163	▶18,0	FAI203 for 2oversize opt.		93060		FAI202	

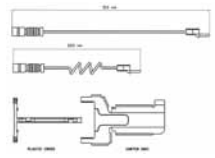
FCV987
4551 WAB 1000 V-G



FCV1598BFE
4567 KNR SB/SN7....



FAI130 ↔ 310mm
2+2



FAI202 ↔ 195mm
4

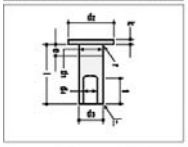


FAI203 ↔ 195mm
4

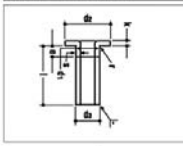


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

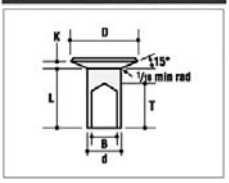
Type B – Semi-Tubular Rivet

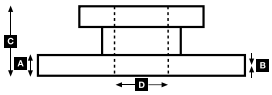


Type C – Tubular Rivet

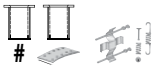


Type A – Semi Tubular Rivets











...NEOPLAN

Spaceliner:

N 117/3 268-309kW	09/92→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**

Spaceliner:

N 117/3	1992→	R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

Starliner

N 516 , N 516/3 280-338kW	09/96→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**
		R	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	

Transliner

N 312, N 316 268-295kW	09/92→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI130	**FCR168A**

Transliner:

N 316	1992→	R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

OPTARE

Alero

	09/01→	F	**FVR1351**	4	29138		149	69	18						
		R	**FVR1102**	4	29121		165	66	20						

Delta

DAF SB220 Chassis	1989→	F	**K19150.0**	4	19150	419	209	152	▶18,3		**80**	93685			
				4	19151	419	216	152	▶18,8			93685			
			K19900.0	4	19900	420	177	150	▶19,1	Opt.	**64**	93686			
				4	19901	420	179	150	▶18,5			93686			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
			K19914.0	4	19914	420	179	240	19,1/13,4	Opt.	**128**				
				4	19915	420	177	240	19,7/17,4						

Excel

	1996→	F	**K19486.9**	8	19494	410	175	163	▶17,0		**64**	93059		FAI205	

Metrorider

Wheel = 17.5" Hydraulic Brakes Meritor 2x68	01/89→	F	**FCV523**	4	29302	324	176	80	22						**FCR122A**
		R	**FCV523**	4	29302	324	176	80	22						**FCR122A**

Nouvelle SR

		F	**FCV523**	4	29302		176	80	22						
		R	**FCV523**	4	29302		176	80	22						

Prisma

M Benz 0405 chassis	1995→	F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
				4	19579	410	214	163	▶18,0			93060			
		R	**K19581.0**	4	19707	410	173	223	▶18,0		**72**	93060		FAI202	
				4	19581	410	214	223	▶18,0			93060			

Sigma

All	1994→1996	F	**FCV1579BFE**	4	29210		250	118	28						

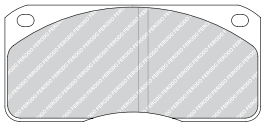
Solero

		F	**FCV4296PTS**	4	29253		248	108	30						
		R	**FCV4296PTS**	4	29253		248	108	30						

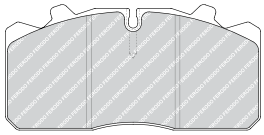
Solo

Wheel = 17.5" Hydraulic Brakes Meritor 2x68	1988→03/02	F	**FCV523**	4	29302	324	176	80	22						**FCR122A**
		R	**FCV523**	4	29302	324	176	80	22						**FCR122A**
		F	**FCV1279**	4	29088	324	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169		**FCR122A**
		R	**FCV1279**	4	29088	324	176	83	26	FAC173 (SPRINGS)/FAC169 (FORKS)			FAC173/FAC169		**FCR122A**

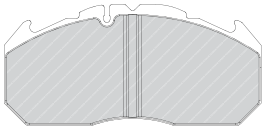
FCV523
3422 MER 2x68



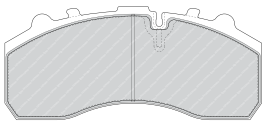
FCV1279
4551 WAB PAN 17



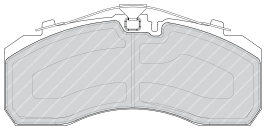
FCV1579BFE
4567 MER D3/D-ELSA 1



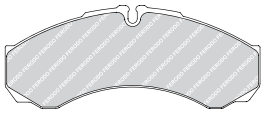
FCV1598BFE
4567 KNR SB/SN7....



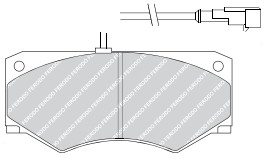
FCV4296PTS
4550 KNR SB/SN7



FVR1102
4020 BRE



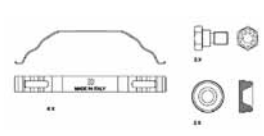
FVR1351
3422 WAB



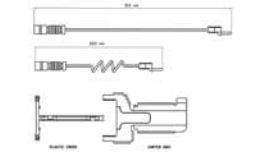
FAC169 ↔



FAC173 ↔



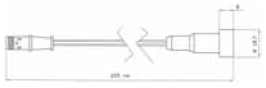
FAI130 ↔ 310mm
2+2



FAI202 ↔ 195mm
4



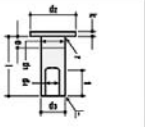
FAI205 ↔ 210mm
2



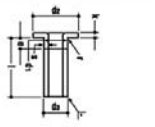
	∅	A	B	C	D		Kg	ABS
FCR122A	324	30.0	27.0	111	165	12x13	13.0	
FCR168A	430	45.0	37.0	131	203	10xM16	34.4	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

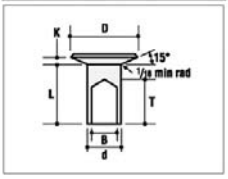
Type B – Semi-Tubular Rivet

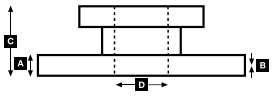


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...OPTARE

Soroco NT

(Sprinter 413CDi Chassis)		F	**FVR1038**	4	21576		156	65	19						
		R	**FVR1039**	4	21621		141	49	17						
			FVR1879	4	29153		165	73	19,7						
			FVR1306	4	23021		126	63	19						

Spectra

Double Decker	1989→	F	**K19900.0**	4	19900	420	177	150	▶19,1		**64**	93686			
				4	19901	420	179	150	▶18,5			93686			
		R	**K19745.0**	8	19745	394	157	203	18,5/11,5		**96**				
			K19010.0	4	19011	420	177	150	▶20,6		**64**	93686			
				4	19010	420	176	150	▶20,8			93686			

Starider

Wheel = 17.5" Hydraulic Brakes 33 places. Meritor 2x60	01/87→	F	**FVR501**	4	29835	324	175	85	22				FAC174	FAI103	**FCR119A**

Starider

		R	**K17975.0**	2	17975	300	237	122	9,3		**52**	93048		FAI201	
				2	17351	300	264	122	9,3			93048			

Tempo

	2006→	F	**FCV4311B**	4	29187		249.4	113.8	29						

Vecta

All	1989→	F	**K17017.0**	8	17017	360	173	143	▶16,0		**64**	93058			
		R	**K19177.0**	8	19177	360	173	160	▶16,0		**96**	93058			
			K19708.0	8	19708	360	174	183	▶16,25	Opt.	**96**	93058			

PEGASO

All

1061 A, 1063 A, 1064 A, 2011 A, 5074 A, 5030 L, 5076 N, 6038, 6420		R	**K19879.0**	4	19879	410	162	200	▶16,5		**104**	93049			
				4	19881	410	160	200	▶17,3			93049			
1135, 2135, 2180, 2181, 2182		F	**K19877.0**	4	19878	410	160	160	▶16,2		**104**	93049			
				4	19877	410	162	160	▶17,3			93049			
		R	**K19879.0**	4	19879	410	162	200	▶16,5		**104**	93049			
				4	19881	410	160	200	▶17,3			93049			
5317 Minibus	1987→	F	**K19877.0**	4	19878	410	160	160	▶16,2		**104**	93049			
				4	19877	410	162	160	▶17,3			93049			
		R	**K19877.0**	4	19878	410	160	160	▶16,2		**104**	93049			
				4	19877	410	162	160	▶17,3			93049			

RENAULT BUS

Agora Series

→ SEE IRISBUS

Ares

→ SEE IRISBUS

Axer

→ SEE IRISBUS

E7L, M, N

→ SEE IRISBUS

FR1 (5.4M, 5.6M, 6.2M)

→ SEE IRISBUS

Iliade

→ SEE IRISBUS

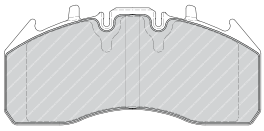
PGK205, PGR, PH3, 4, 12/100

→ SEE IRISBUS

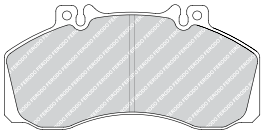
PR-PC-PG-PH Series

→ SEE IRISBUS

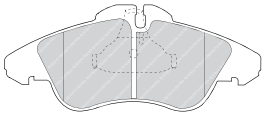
FCV4311B
4567 MER EX225H2



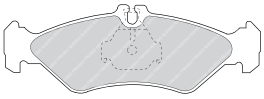
FVR501
3422 MER



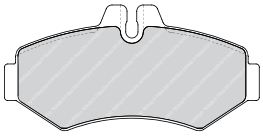
FVR1038
4020 ATE



FVR1039
4801 ATE



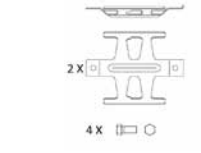
FVR1306
4801 BOS



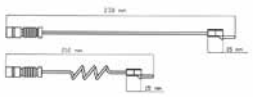
FVR1879
4020 PER



FAC174 ↔



FAI103 ↔ 238mm
2+2



FAI201 ↔ 260mm
4



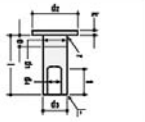


FCR119A

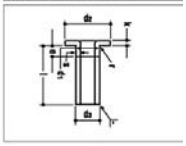
∅	A	B	C	D		Kg	ABS
324	30.0	26.0	91	118	6xM12	11.0	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93048	11.5	06x12	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93049	11.5	06x15	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

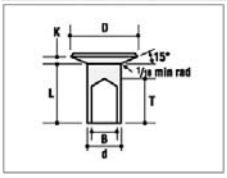
Type B – Semi-Tubular Rivet

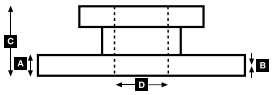


Type C – Tubular Rivet

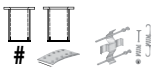


Type A – Semi Tubular Rivets











...RENAULT BUS

R312

R312	01/90→	F	**FCV624**	8	29072	350	170	111	19						**FCR127A**
		R	**FCV624**	8	29072	350	170	111	19						**FCR127A**

S46

	1979→1986	F	**FVR836**	4	20904	298	127	71	18						

S46

	1979→1986	F	**K15789.0**	4	15789	330	300	76	9		**48**				
		R	**K15837.0**	2	15838	308	278	76	6/5	Opt	**52**				
				2	15837	308	308	76	9,9/8,5						

S56

	1979→1986	F	**K15789.0**	4	15789	300	300	76	9		**48**				
		R	**K15837.0**	2	15838	308	278	76	6/5	Opt	**52**				
				2	15837	308	308	76	9,9/8,5						

S66

	1979→1986	F	**K15789.0**	4	15789	300	300	76	9		**48**				
		R	**K17556.0**	2	17558	308	280	101	7,9		**48**				
				2	17556	308	321	101	7,9						

S-SC Series

→ SEE IRISBUS															

Tracer

→ SEE IRISBUS															

SANOS

All

415/DL 426		F	**K19579.0**	4	19706	410	173	163	▶18,0		**72**	93060		FAI202	
				4	19579	410	214	163	▶18,0			93060		FAI202	
		R	**K19632.0***	4	19633	410	217	183	▶18,0	*use 19 632 18,00 00 6	**72**	93059			
				4	19632	410	173	183	▶18,3			93059			

SCANIA

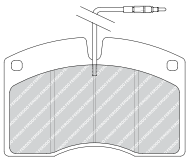
All

All models fitted with Knorr SB/SN7 Brake	1996→	F	**FCV4296PTS**	4	29253	430	248	108	30					FAI141	**FCR170A**
			FCV1598BFE	4	29179	430	248	109	30	Inner City Bus				FAI141	**FCR170A**
		R	**FCV4296PTS**	4	29253	430	248	108	30					FAI141	**FCR170A**
			FCV1598BFE	4	29179	430	248	109	30	Inner City Bus				FAI141	**FCR170A**

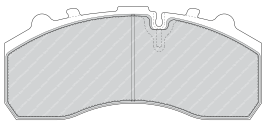
All

BF 110	1968→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
BR 86	1979→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
			K19647.0*	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8 / Opt.	**96**	93687			
BR 110	1968→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19393.0**	8	19393	413	193	203	19,0		**96**	93687			
BR 111 DH 115kW /156PS	1974→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
BR 112	1979→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
BR 112 A		F	**K19075.0**	8	19075	413	193	178	19,0		**96**	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
			K19393.0	8	19393	413	193	203	19,0	Opt.	**96**	93687			
BR 116	1978→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	**96**	93687			
			K19393.0	8	19393	413	193	203	19,0	Opt.	**96**	93687			
C 50 Metropol		F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	**64**	93687			
CN 112, CR 112, K 93 CRB, K113 CRB, TRS, N 112 CLB, N 113 CRB, DRB	1988→	F	**K19931.0**	4	19931	413	235	178	19,0		**64**	93280			
		R	**K19933.0**	4	19933	413	235	254	19,0		**64**	93280			

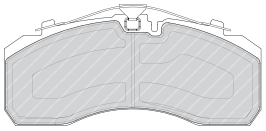
FCV624
3538 BRE



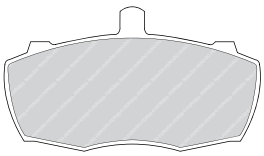
FCV1598BFE
4567 KNR SB/SN7....



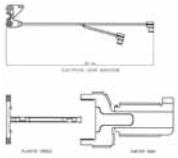
FCV4296PTS
4550 KNR SB/SN7



FVR836
3440 LKD



FAI141 ↔ 310mm
2



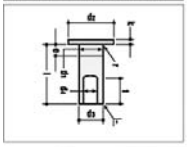
FAI202 ↔ 195mm
4



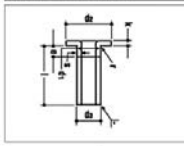
	∅	A	B	C	D		Kg		ABS
FCR127A	350	30.0	26.0	73	145	16x12.1	13.0		
FCR170A	430	45.0	37.0	131	208	10xM16	29.5		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

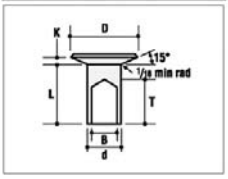
Type B – Semi-Tubular Rivet

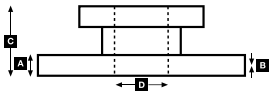


Type C – Tubular Rivet

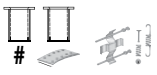


Type A – Semi Tubular Rivets











...SCANIA

...All

CR 110 Metro-Scania	1970→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	64	93687			
		R	**K19393.0**	8	19393	413	193	203	19,0		96	93687			
CR 111 M	1975→	F	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8	64	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	96	93687			
K 82 170kW /231PS	1982→	F	**K19075.0**	8	19075	413	193	178	19,0		96	93687			
			K19393.0	8	19393	413	193	203	19,0	Opt.	96	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	96	93687			
K 92 CR	1985→1988	F	**K19075.0**	8	19075	413	193	178	19,0		96	93687			
		R	**K19647.0***	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	96	93687			
K 112 CL 224kW /304PS	1982→1988	F	**K19075.0**	8	19075	413	193	178	19,0		96	93687			
K 112 T		R	**K17161.0***	8	17161	413	193	127	19,0	*use 17 161 19,00 00 8 / Trailing axle	64	93687			
			K19647.0*	8	19647	413	193	254	19,0	*use 19 647 19,00 60 8	96	93687			
N 112 AL Gelenkbus	08/88→	F	**K19931.0**	4	19931	413	235	178	19,0		64	93280			
		R	**K19932.0**	4	19932	413	235	203	19,0		64	93280			
			K19933.0	4	19933	413	235	254	19,0		64	93280			

K124, L94 Series

Wheel 22.5" Air Brake Discs on all axles (Knorr SB/SN7)	2001→	F	**FCV1598BFE**	4	29179	430	248	109	30					FAI141	**FCR170A**
		R	**FCV1598BFE**	4	29179	430	248	109	30					FAI141	**FCR170A**

SEDDON ATKINSON

All

Pennine	→1975	F	**K19385.0**	6	19384	381	188	178	▶18,15	Opt.	96	93684			
				2	19385	381	188	178	▶18,15			93684			
		R	**K19385.0**	6	19384	381	188	178	▶18,15	Opt.	96	93684			
				2	19385	381	188	178	▶18,15			93684			

SETRA

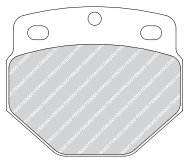
All

S 140	01/89→	F	**FCV594**	8	29747	406	140	121	32						**FCR113A**
						432				Opt					**FCR114A**
S 210, HD, HDV, S 211 206kW /280PS, S 212 HUE 159kW /216PS, S 213 206kW /280PS, S 214 206kW /280PS, S 215, S 215 (except HDS) 206kW /280PS, S 215 HDH, S 215 UL, SL 177kW / 240PS, S 216 HDS, S 216 HDS 243kW /330PS, S 216 HDS, S 228 DT 276kW /375PS		F	**FCV594**	8	29747	406	140	121	32						**FCR113A**
						432				Opt					**FCR114A**
S 215 NR, S 300 NC City	1991→	F	**FCV1762BFE**	4	29210	432	250	118	28					FAI108	**FCR114A**
			FCV1763B	4	29053		250	118	30	over size				FAI108	

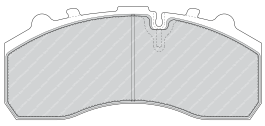
All

S 110	→1989	R	**19 019 14,00 60 4**	4	19019	420	391	180	14,0		56	93074			
S 120 E, V	→1989	R	**19 019 14,00 60 4**	4	19019	420	391	180	14,0		56	93074			
S 130 ES	1982→1986	F	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 / Opt.	64	93068			
				4	17743	410	210	140	▶16,0			93068			
		R	**K19743.0***	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6 /	96	93067			
				4	19755	410	211	220	0,16	for steel brake shoes →1985		93067			
			K19743.2	4	19755	410	211	220	▶18,1	cast iron brake shoes 1986→	96	93067			
				4	19712	410	210	220	▶18,0			93067			
			K19847.0	2	19847	410	192	220	▶17,55	Opt.	96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 130 S	→1989	R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
S 140	1983→	F	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			

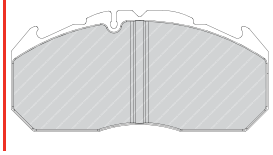
FCV594
3475 KNR K 85



FCV1598BFE
4567 KNR SB/SN7....



FCV1762BFE
4550 MER D3/D-ELSA 1



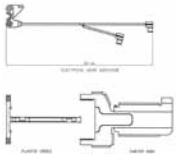
FCV1763B
4550 MER D3/D-ELSA 1



FAI108 ↔ 335mm
2



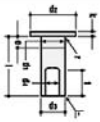
FAI141 ↔ 310mm
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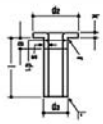
		∅	A	B	C	D		Kg		ABS
FCR113A		406	48.0	38.0	175	194	10xM16	32.7		
FCR114A		432	45.0	35.0	135	194	10xM16	32.5		
FCR170A		430	45.0	37.0	131	208	10xM16	29.5		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93074	18	10x17	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93280	12	06x18	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93687	12	L12	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

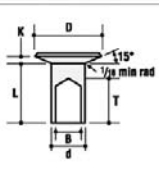
Type B – Semi-Tubular Rivet

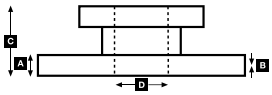


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









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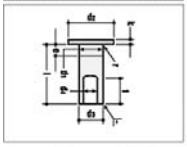
...All

S 150	→1989	R	19 019 14,00 60 4	4	19019	420	391	180	14,0		56	93074				
S 180	1975→1989	R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Trailing axle		93068				
SG 180, S 166kW /225PS	1972→1983	F	K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 / 75-83 Opt	64	93068				
				4	17743	410	210	140	▶16,0			93068				
		R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Trailing axle		93068				
S 200	1974→1989	R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Trailing axle		93068				
S 210, HD, HDV	1983→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	19 084 17,50 00 5	2	19084	410	192	180	▶17,5		64	93067				
				2	19855	410	196	180	▶17,5			93067				
				4	19856	410	192	180	▶17,4			93067				
S 211 206kW/280PS		F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
S 211 H	1976→1983	F	K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068				
		R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067				
				4	19755	410	211	220	0,16	3/79→ steel brake shoes		93067				
S 212 H, U	1976→1983	F	K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068				
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6, 8/78→	64	93067				
				4	19635	410	207	160	▶15,9			93067				
		R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067				
				4	19755	410	211	220	0,16	3/79→ steel brake shoes		93067				
S 212 HUE 159kW/216PS	1983→1989	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
S 213 206kW/280PS	1983→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
S 213 H, HD	1976→1983	F	K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068				
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6, 8/78→	64	93067				
				4	19635	410	207	160	▶15,9			93067				
		R	K19558.0	4	19558	410	210	180	▶16,0		64	93067				
				4	19559	410	207	180	▶16,0			93067				
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067				
				4	19755	410	211	220	0,16	3/79→ steel brake shoes		93067				

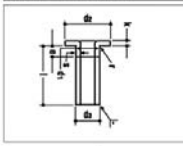
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93074	18	10x17	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

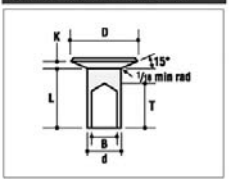
Type B – Semi-Tubular Rivet

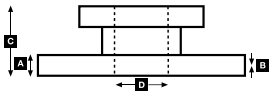


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









WVA

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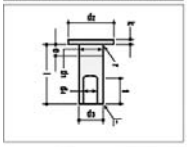
...All

S 213 U	1977→	F	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068			
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068			
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6, 8/78→	64	93067			
				4	19635	410	207	160	▶15,9			93067			
		R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067			
				4	19755	410	211	220	0,16	3/79→85 steel brake shoes		93067			
			K19743.2	4	19712	410	208	220	▶18,1	for cast iron brake shoes 1986→	96	93067			
				4	19755	410	211	220	▶18,0			93067			
S 214 206kW/280PS	1983→	F	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 215 (except HDS) 260kW/280PS	1983→1989	F	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 215	1989→	F	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 215 H, HD	1976→1983	F	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068			
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068			
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6, 8/78→	64	93067			
				4	19635	410	207	160	▶15,9			93067			
		R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067			
				4	19755	410	211	220	0,16	3/79→ steel brake shoes		93067			
S 215 HDH	1989→	R	**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Trailing axle -Chass.No.	64	93067			
				4	19850	410	192	160	▶17,45	139 0000 10 20 045		93067			
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068			
				4	17743	410	210	140	▶16,0	Ch.139 0000 10 20 046→		93068			
S 215 HDS 243kW /330PS	1980→10/83	R	**K19743.0***	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6	96	93067			
				4	19755	410	211	220	0,16			93067			
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6 /	64	93067			
				4	19635	410	207	160	▶15,9	Trailing axle		93067			
S 215 NR			**K19847.0**	2	19847	410	192	220	▶17,55		96	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 215 U, UL	1977→	F	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068			
				4	17743	410	210	140	▶16,0	With air brakes Opt		93068			
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6, 8/78→	64	93067			
				4	19635	410	207	160	▶15,9	*use 19 634 15,90 00 6 /		93067			
										Trailing axle					
		R	**K19558.0**	4	19558	410	210	180	▶16,0		64	93067			
				4	19559	410	207	180	▶16,0			93067			
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067			
				4	19755	410	211	220	0,16	3/79→85 steel brake shoes		93067			
			K19743.2	4	19712	410	208	220	▶18,1	for cast iron brake shoes 1986→	96	93067			
				4	19755	410	211	220	▶18,0			93067			

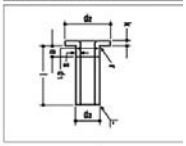
FERODO

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

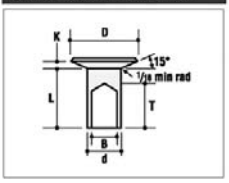
Type B – Semi-Tubular Rivet

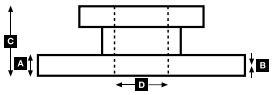


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









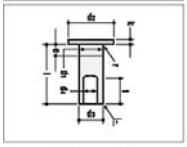
...SETRA

...All

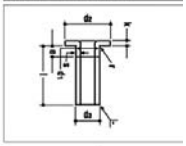
S 215 UL, SL 177kW/240PS	1983→1989	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
S 216 HDS 243kW /330PS	1980→08/83	R	K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6 /	96	93067				
				4	19755	410	211	220	▶16,0	steel brake shoes		93067				
			K19634.0*	4	19634	410	207	160	▶15,9	*use 19 634 15,90 00 6 / **64**		93067				
				4	19635	410	207	160	▶15,9	Trailing axle		93067				
S 216 HDS 243kW/330PS	09/83→1989	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Trailing axle -Chass.No.	64	93067				
				4	19850	410	192	160	▶17,45	139 0000 10 20 045		93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Ch.139 0000 10 20 046→		93068				
S 216 HDS	1989→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Trailing axle -Chass.No.	64	93067				
				4	19850	410	192	160	▶17,45	139 0000 10 20 045		93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Ch.139 0000 10 20 046→		93068				
S 216 HDSi	1989→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Trailing axle -Chass.No.	64	93067				
				4	19850	410	192	160	▶17,45	139 0000 10 20 045		93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Ch.139 0000 10 20 046→		93068				
S 228 DT 276kW/375PS	1984→	R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	1989→	64	93067				
				4	19850	410	192	160	▶17,45			93067				
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068				
				4	17743	410	210	140	▶16,0	Trailing axle		93068				
S 300 N	1989→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067				
				4	19850	410	192	160	▶17,45			93067				
			K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
S 300 NC City	1991→	R	K19743.2	4	19712	410	208	220	▶18,1	cast iron brake shoes	96	93067				
				4	19755	410	211	220	▶18,0			93067				
SG 219 SL 177kW /240PS	1984→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55	→12/87	96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			K19743.2	4	19712	410	208	220	▶18,1	1/88→ cast iron brake shoes	96	93067				
				4	19755	410	211	220	▶18,0			93067				
SG 221 UL 177kW /240PS	1984→	F	19 849 17,55 00 6	4	19849	410	192	160	▶17,55		64	93067				
				4	19850	410	192	160	▶17,45			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55	→12/87	96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			K19743.2	4	19712	410	208	220	▶18,1	1/88→ cast iron brake shoes	96	93067				
				4	19755	410	211	220	▶18,0			93067				

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

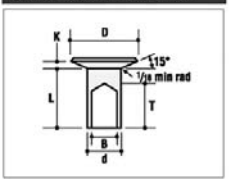
Type B – Semi-Tubular Rivet

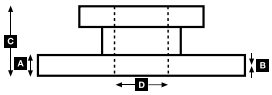


Type C – Tubular Rivet

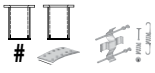


Type A – Semi Tubular Rivets









...SETRA

Comfortclass 300

S 315 GT-HD 250kW /340PS, S 317 GT-HD 280kW /381PS, S 319 GT-HD 280kW /381PS		F	**FCV1762BFE**	4	29210	432	250	118	28					FAI108	**FCR114A**
			FCV1763B	4	29053		250	118	30	over size				FAI108	

Comfortclass 300

S 315 GT, GT-HD 250kW/340PS	1991→	R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 317 GT-HD 280kW/381PS S 319 GT-HD 280kW/381PS		R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	**64**	93068			
				4	17743	410	210	140	▶16,0	Trailing axle		93068			
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	**64**	93067			
				4	19850	410	192	160	▶17,45			93067			

Comfortclass 400

S 415 GT-HD, S 416 GT-HD, S 417 GT-HD 185-310kW	10/03→	F	**FCV4296PTS**	4	29253	430	248	108	30					FAI134	**FCR145A**
		R	**FCV4296PTS**	4	29253	430	248	108	30					FAI134	**FCR145A**

Intercity Bus

Wheel 22.5" Air Brake Knorr SB7		F	**FCV1598BFE**	4	29179		248	109	30					FAI134	
		R	**FCV1598BFE**	4	29179		248	109	30					FAI134	

Intercity Low Floor Bus

Wheel = 22,5" Air Brake Knorr SB7	01/96→	F	**FCV1598BFE**	4	29179		248	109	30					FAI134	
		R	**FCV1598BFE**	4	29179		248	109	30					FAI134	

Multiclass 300

S 313 UL 184kW /250PS S 315 H, UL 213kW /290PS, SG 321 UL 184kW /250PS S 315 NF 184kW /250PS, S 319 UL 184kW /250PS S 319 NF 184kW /250PS	01/91→	F	**FCV1762BFE**	4	29210	432	250	118	28					FAI108	**FCR114A**
			FCV1763B	4	29053		250	118	30	over size				FAI108	
		R	**FCV4296PTS**	4	29253		248	108	30					FAI134	

Multiclass 300

S 313 UL 184kW/250PS S 315 H, UL 213kW/290PS	1991→	R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 319 UL 184kW/250PS	1991→	R	**K19743.2**	4	19712	410	208	220	▶18,1	cast iron brake shoes	**96**	93067			
				4	19755	410	211	220	▶18,0			93067			
SG 321 UL 184kW250PS		R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
		R	**K17742.0***	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	**64**	93068			
				4	17743	410	210	140	▶16,0	Trailing axle		93068			
		R	**19 849 17,55 00 6**	4	19849	410	192	160	▶17,55	Opt.	**64**	93067			
				4	19850	410	192	160	▶17,45			93067			

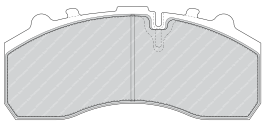
TopClass 300

S 309 HD 213kW /290PS,S 312 HD 250kW /340PS, S 315 HDH-3 280kW /381PS, S 317 HDH-3 280kW /381PS	01/91→	F	**FCV1762BFE**	4	29210	432	250	118	28					FAI108	**FCR114A**
			FCV1763B	4	29053		250	118	30	over size				FAI108	
S 328 DT	01/94→	F	**FCV4296PTS**	4	29253		248	108	30					FAI134	

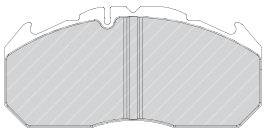
TopClass 300

S 309 HD 213Kw/290PS S 312 HD 250kW340PS S 315 HD 250kW /340PS S 315 HDH 250kW /340PS S 316 HDS 280kW /381PS	1991→	R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
S 315 HDH-3 280kW/381PS S 317 HDH-3 280kW/381PS		R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	**64**	93068			
				4	17743	410	210	140	▶16,0	Trailing axle		93068			
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	**64**	93067			
				4	19850	410	192	160	▶17,45			93067			

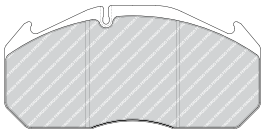
FCV1598BFE
4567 KNR SB/SN7....



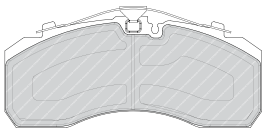
FCV1762BFE
4550 MER D3/D-ELSA 1



FCV1763B
4550 MER D3/D-ELSA 1



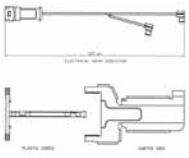
FCV4296PTS
4550 KNR SB/SN7



FAI108 ↔ 335mm
2



FAI134 ↔ 355mm
2

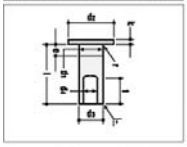




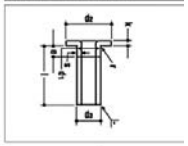
	∅	A	B	C	D		Kg		ABS
FCR114A	432	45.0	35.0	135	194	10xM16	32.5		
FCR145A	430	45.0	37.0	132	211	10xM14	34.2		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

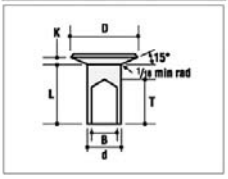
Type B – Semi-Tubular Rivet

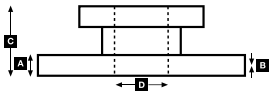


Type C – Tubular Rivet

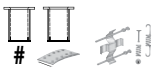


Type A – Semi Tubular Rivets











...SETRA

...TopClass 300

S 328 DT	1994→	R	K19743.2	4	19712	410	208	220	▶18,1	cast iron brake shoes	96	93067			
				4	19755	410	211	220	▶18,0			93067			
			K17742.0*	4	17742	410	207	140	▶16,0	*use 17 742 16,00 00 6 /	64	93068			
				4	17743	410	210	140	▶16,0	Trailing axle		93068			
			19 849 17,55 00 6	4	19849	410	192	160	▶17,55	Opt.	64	93067			
				4	19850	410	192	160	▶17,45			93067			

TopClass 400

S 411 HD, S 415 HD, S 415 HDH, S 416 HDH, S 417 HDH, S 431 DT 260-320kW	2001→	F	FCV4296PTS	4	29253	430	248	108	30					FAI134	FCR145A
		R	FCV4296PTS	4	29253	430	248	108	30					FAI134	FCR145A

SOLARIS

City Bus

Articulated	01/99→	F	FCV1598BFE	4	29179	430	248	109	30						FCR168A
		R	FCV1598BFE	4	29179	430	248	109	30						FCR168A
			FCV1598BFE	4	29179	430	248	109	30	R2 axle					FCR168A

SOR

SOR 7.5

All		F	K17949.0	4	17290	360	172	130	▶13,4		56	93058			
				4	17950	360	130	130	▶13,5			93058			
		R	K17949.0	4	17290	360	172	130	▶13,4		56	93058			
				4	17950	360	130	130	▶13,5			93058			

SOR 9.5

Engine: Iveco F4 AE 0862C Euro3 Tector	2000→	F	FCV1275BFE	4	29197	377	211	93	30						FCR147A
	2001→	R	FCV1387B	4	29137	375	210	102	29						FCR278A

SOR 9.5

All	1996→2001	F	K17949.0	4	17290	360	172	130	▶13,4		56	93058			
				4	17950	360	130	130	▶13,5			93058			
		R	K19928.0	8	19928	360	167	170	18		96	93683			

SOR 10.5

Engine: Iveco F4 AE 0682C Euro3 Tector	2000→	F	FCV1275BFE	4	29197	377	211	93	30						FCR147A
	2001→	R	FCV1387B	4	29137	375	210	102	29						FCR278A

SOR 10.5

	1999→	R	K19928.0	8	19928	360	167	170	18		96	93683			

SOR 12

		F	FCV1964	4	29159	377	211	93	30	FAC166/FAC170 (FORKS)			FAC166/FAC170	FAI168	FCR147A
		R	FCV1964	4	29159	375	211	93	30	FAC166/FAC170 (FORKS)			FAC166/FAC170	FAI168	

STEYR

252, 550, 525, 575

K252.23, K550.25, KH525.23, S575.25, SH550.25, G550.25	1980→	R	K19245.0*	4	19245	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067			
				4	19782	420	136	160	15,0			93067			
		R	19 246 15,00 00 8	8	19246	420	186	185	15,0		64	93067			

692, 792

692-12T (4x2), (4x4), 792NIG (4x2)	1986→	R	17 092 10,00 60 3	2	17092	405	430	120	10,0		56	93060			
				2	17093	405	324	120	10,0			93060			

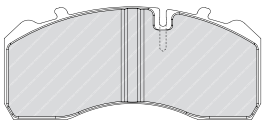
Citybus

SC6 F72	1987→	R	K15742.0	2	15742	270	211	79	8,0		52	93038			
				2	15030	270	244	79	8,0			93038			

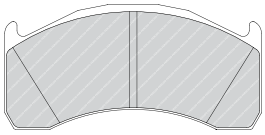
S-series

SG18, SL11, SS11		F	K19245.0*	4	19245	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067			
				4	19782	420	136	160	15,0			93067			
		R	19 246 15,00 00 8	8	19246	420	186	185	15,0		64	93067			

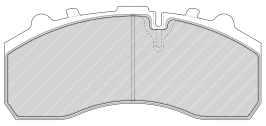
FCV1275BFE
4550 KNR SB/SN6...



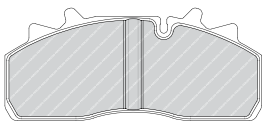
FCV1387B
4562 MER C- DUCO



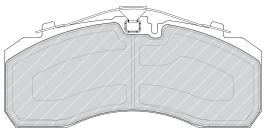
FCV1598BFE
4567 KNR SB/SN7....



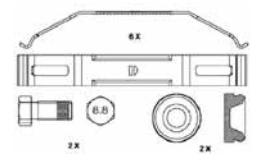
FCV1964
4568 WAB PAN 19-1



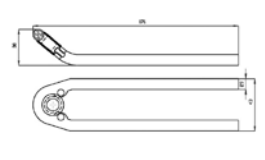
FCV4296PTS
4550 KNR SB/SN7



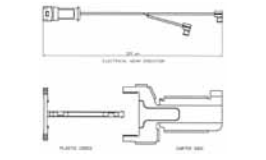
FAC166 ↔



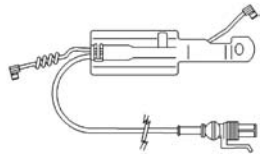
FAC170 ↔



FAI134 ↔ 355mm
2



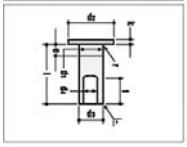
FAI168 ↔ 380mm
2



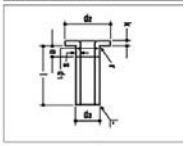
	∅	A	B	C	D		Kg		ABS
FCR145A	430	45.0	37.0	132	211	10xM14	34.2		
FCR147A	377	45.0	38.0	128	162	10xM14	23.0		
FCR168A	430	45.0	37.0	131	203	10xM16	34.4		
FCR278A	375	45.0	37.0	150	225	8x20 2xM10	37.7		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93038	9.5	05x10	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93060	15.5	08x20	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

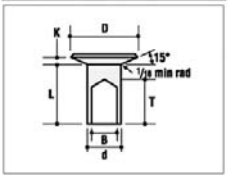
Type B – Semi-Tubular Rivet

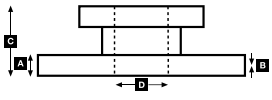


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









VAN HOOL

All

A 300 Urbain, A 420, A 440, A 500 Urbain, EOS-Model 80 - 223kW		F	FCV594	8	29747	410	140	121	32							FCR155A
A 320		F	FCV1813B	4	29090		250	114	28							
Buses with Knorr SB/SN7		F	FCV4296PTS	4	29253		248	108	30							
		R	FCV4296PTS	4	29253		248	108	30							
EOS 90, 100, 200, 230		F	FCV1275BFE	4	29197	410	211	93	30							FCR155A
T815, T915, T916, T917 - with Meritor D3/D-Elsa 1			FCV1578BFE	4	29210		250	118	28							

All

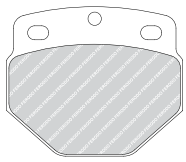
420 x 200mm BPW-axle		R	K19094.0	8	19094	420	202	200	▶17,8		80	93251				
300		F	K17481.0	4	17481	420	421	125	12,0		64	93058				
308		F	K17481.0	4	17481	420	421	125	12,0		64	93058				
309	09/79→	F	K19823.0	6	19786	410	202	200	▶18,9		96	93068				
				2	19823	410	202	200	▶18,9			93068				
		R	K19823.0	6	19786	410	202	200	▶18,9		96	93068				
				2	19823	410	202	200	▶18,9			93068				
314 N3, 320 165 CV, 409		F	K15558.0	4	15558	420	422	90	12		64	93058				
		R	K17481.0	4	17481	420	421	125	12,0	Opt.	64	93058				
340 special Type	1968→	F	K17481.0	4	17481	420	421	125	12,0		64	93058				
		R	K15558.0	4	15558	420	422	90	12		64	93067				
EOS Model 80-223		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
		R	K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067				
				4	19755	410	211	220	0,16	→1985 steel brake shoes		93067				
		R	K19743.2	4	19755	410	211	220	▶18,0	1986→ cast iron brake shoes	96	93067				
				4	19712	410	210	220	▶18,1			93067				
T 809 Alizee		F	K19896.0	8	19896	419	196	178	18,0	Opt.	112	93683				
			K19946.0*	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6	64	93067				
				4	19947	410	193	180	▶18,2			93067				
		R	K19896.0	8	19896	419	196	178	18,0	Opt.	112	93683				
			K19114.0*	4	19114	410	196	220	▶19,4	* use B2740167	96	93067				
				4	19115	410	196	220	▶19,4			93067				
T 811, T 812, T 813, T 814, T 815		F	K19385.0	6	19384	381	188	178	▶18,15		96	93684				
				2	19385	381	188	178	▶18,15			93684				
			K19487.9	8	19495	410	177	183	▶17,0	Opt (MAN) /FAI203 for K19487.1 version	64	93059		FAI202		
		R	K19896.0	8	19896	419	196	178	18,0	Opt (MAN)	112	93683				

A-Series:

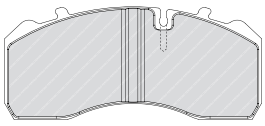
A 300 Urbain		F	K19946.0*	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6 / Opt.	64	93067				
				4	19947	410	193	180	▶18,7			93067				
			19 084 17,50 00 5	2	19084	410	192	180	▶17,5	Opt.	64	93067				
				2	19855	410	192	180	▶17,5			93067				
				4	19856	410	192	180	▶17,4			93067				
		R	K19847.0	2	19847	410	192	220	▶17,55		96	93067				
				2	19699	410	192	220	▶17,55			93067				
				4	19848	410	192	220	▶17,45			93067				
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	96	93067				
				4	19755	410	211	220	0,16	→1985 steel brake shoes		93067				
			K19743.2	4	19755	410	211	220	▶18,0	1986→ cast iron brakes	96	93067				
				4	19712	410	210	220	▶18,1			93067				
A 308	1980→	F	K19385.0	6	19384	381	188	178	▶18,15		96	93684				
				2	19385	381	188	178	▶18,15		96	93684				
A 420, A 440		F	K19823.0	6	19786	410	202	200	▶18,9	opt.	96	93068				
				2	19823	410	202	200	▶18,9			93068				
		R	K19618.0*	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	160	93686				
				4	19617	419	210	203	▶18,5			93686				

FERODO

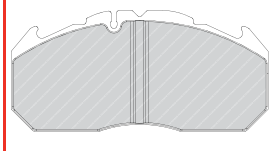
FCV594
3475 KNR K 85



FCV1275BFE
4550 KNR SB/SN6...



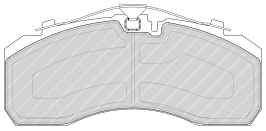
FCV1578BFE
4568 MER D3/D-ELSA 1



FCV1813B
4567 MER D-LISA



FCV4296PTS
4550 KNR SB/SN7



FAI202 ↔ 195mm
4



FAI203 ↔ 195mm
4



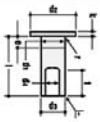


FCR155A

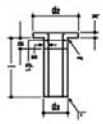
∅	A	B	C	D		Kg	ABS
410	48.0	40.0	120	162	12xM16	29.1	

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93251	15.5	08x15	Type B	Flat	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

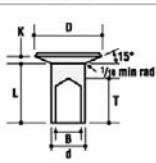
Type B – Semi-Tubular Rivet

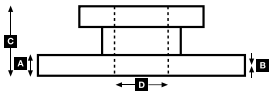


Type C – Tubular Rivet



Type A – Semi Tubular Rivets









...VAN HOOL

...A-Series:

A 500 Urbain		F	**K19946.0***	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6	**64**	93067			
				4	19947	410	193	180	▶18,7			93067			
		R	**K19847.0**	2	19847	410	192	220	▶17,55		**96**	93067			
				2	19699	410	192	220	▶17,55			93067			
				4	19848	410	192	220	▶17,45			93067			
			K19743.0*	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	**96**	93067			
				4	19755	410	211	220	▶16,0	→1985 steel brake shoes		93067			
			K19743.2	4	19755	410	211	220	▶18,0	1986→ cast iron brake shoes	**96**	93067			
				4	19712	410	210	220	▶18,1			93067			
A 508 Urbain	1980→	R	**K19385.0**	6	19384	381	188	178	▶18,15		**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
A 600 Urbain		F	**K19946.0***	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6	**64**	93067			
				4	19947	410	193	180	▶18,2			93067			
		R	**K19618.0***	4	19618	419	219	203	▶18,5	*use 19 617 18,50 60 6	**160**	93686			
				4	19617	419	210	203	▶18,5			93686			
A 662		F	**K17481.0**	4	17481	420	421	125	12,0		**64**	93058			
		R	**K17481.0**	4	17481	420	421	125	12,0		**64**	93058			
Acron		F	**K19896.0**	8	19896	419	196	178	18,0	Opt.	**112**	93683			
			K19946.0*	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6	**64**	93067			
				4	19947	410	193	180	▶18,2			93067			
		R	**K19896.0**	8	19896	419	196	178	18,0	Opt.	**112**	93683			
			K19114.0*	4	19114	410	196	220	▶19,4	* use B2740167	**96**	93067			
				4	19115	410	196	220	▶19,4			93067			
Altano		F	**K19896.0**	8	19896	419	196	178	18,0	Opt.	**112**	93683			
			K19823.0	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
			K19946.0*	4	19946	410	192	180	▶18,2	*use 19 946 18,20 00 6 / Opt.	**64**	93067			
				4	19947	410	193	180	▶18,2			93067			
		R	**K19896.0**	8	19896	419	196	178	18,0	Opt.	**112**	93683			
			K19114.0*	4	19114	410	196	220	▶19,4	* use B2740167	**96**	93067			
				4	19115	410	196	220	▶19,4			93067			
Astromega		F	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			

G-Series:

G 280.2 Urbain		F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
		R1	**K19823.0**	6	19786	410	202	200	▶18,9		**96**	93068			
				2	19823	410	202	200	▶18,9			93068			
		R2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
G 280.3 Urbain, G 280.4 Urbain		F	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	
		R1	**K19743.0***	4	19712	410	208	220	▶16,1	*use 19 712 16,10 00 6,	**96**	93067			
				4	19755	410	211	220	0,16	→1985 steel brake shoes		93067			
		R1	**K19743.2**	4	19755	410	211	220	▶18,0	1986→ cast iron brake shoes	**96**	93067			
				4	19712	410	210	220	▶18,1			93067			
		R2	**K19486.9**	8	19494	410	175	163	▶17,0	FAI203 opt. For K19486.1	**64**	93059		FAI202	

FERODO

FAI202 ↔ 195mm
4

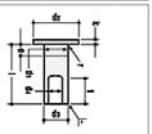


FAI203 ↔ 195mm
4

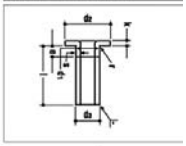


Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93058	15.5	08x15	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93059	15.5	08x18	Type C	Flat	T (stepped)	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93067	18	10x18	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93068	18	10x20	Type C	Flat	T	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93686	12	L11	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

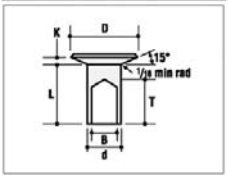
Type B – Semi-Tubular Rivet

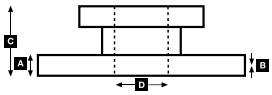


Type C – Tubular Rivet



Type A – Semi Tubular Rivets





VOLVO

B 6-Series:

B 6, FA	01/83→	F	**FCV702**	4	29039	322	177	78	22					FAI104	**FCR131A**

B 6-Series:

B 6, FA	1983→	F	**K19385.0**	6	19384	381	188	178	▶18,15	83-85	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
			B2345927	2	19272	360	353	170	▶12,8	86-88 / * use B2345927	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 89-94	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
			K19758.0	4	19758	360	174	170	▶14,8	1995→	**112**	93683			
				4	19759	360	174	170	▶9,7			93683			
		R	**K19385.0**	6	19384	381	188	178	▶18,15	83-85	**96**	93684			
				2	19385	381	188	178	▶18,15			93684			
			B2345927	2	19272	360	353	170	▶12,8	86-88 / * use B2345927	**84**	93683			
				2	19269	360	270	170	9,3			93683			
			K00305.0*	4	19543	360	174	170	▶14,8	*use 19 543 14,80 60 5 / 89-94	**92**	93683			
				2	19552	360	269	170	▶8,4			93683			
			K19758.0	4	19758	360	174	170	▶14,8	1995→	**112**	93683			
				4	19759	360	174	170	▶9,7			93683			

B 7-Series:

B 7 155kW /211PS	1987→	F	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19941.0	8	19941	410	176	150	▶18,3	Opt. (96 x L8=5mm Platform, 80 x L10=8mm Platform)	**80/ 96**	93683/ 93685			
			K19562.0	4	19563	394	146	203	▶19,0	Ch.30000→	**84**	93685			
				4	19562	394	190	203	▶19,0			93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19090.0	8	19090	410	176	175	▶18,3	Opt. (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19799.0	4	19800	394	190	254	▶19,0	Ch.30000→	**84**	93685			
				4	19799	394	146	254	▶19,0			93685			

B 9-Series:

B 9 M 180kW /245PS	1983→	F	**K19560.0***	4	19560	414	197	152	▶19,0	*use 19 560 19,00 00 6 / →1996	**88**	93685			
				4	19561	414	159	152	▶19,0			93685			
			K19562.0	4	19562	394	190	203	▶19,0	1996→	**84**	93685			
			K19562.0	4	19563	394	146	203	▶19,0			93685			
		R	**K19562.0**	4	19562	394	190	203	▶19,0	→1996	**84**	93685			
			K19562.0	4	19563	394	146	203	▶19,0			93685			
			K19799.0	4	19800	394	190	254	▶19,0	1996→	**84**	93685			
				4	19799	394	146	254	▶19,0			93685			

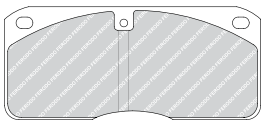
B 10-Series:

B 10 L Meritor D Lisa	01/95→	F	**FCV1813B**	4	29090	438	250	114	28					FAI116	**FCR192A**

B 10-Series:

B 10 B	1992→	F	**K19562.0**	4	19562	394	190	203	▶19,0	S Cam-Brake	**84**	93685			
				4	19563	394	146	203	▶19,0			93685			
			K19071.0	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19799.0**	4	19800	394	190	254	▶19,0	S Cam-Brake	**84**	93685			
				4	19799	394	146	254	▶19,0			93685			
			K19068.0	8	19068	410	176	225	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
B 10 H B 10 M	1979→	F	**K19562.0**	4	19562	394	190	203	▶19,0		**84**	93685			
				4	19563	394	146	203	▶19,0			93685			
B 10 M DL B 10 M GLE B 10 M SE, GL B 10 MD B 10 MT B 10 R	1993→ 1996→ 1979→ 1993→ 1979→	R	**K19799.0**	4	19800	394	190	254	▶19,0		**84**	93685			
				4	19799	394	146	254	▶19,0			93685			
B 10 L	01/95→	R	**K19068.0**	8	19068	410	176	225	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

FCV702
3422 MER 2x68



FCV1813B
4567 MER D-LISA



FAI104 ↔ 235mm
2



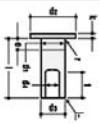
FAI116 ↔ 226mm
2



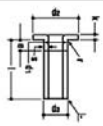
		∅	A	B	C	D		Kg		ABS
FCR131A		322	30.0	28.0	90	132	8xM14	13.6		
FCR192A		438	45.0	38.0	127	195	10xM16	35.0		

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

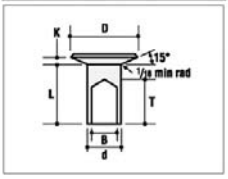
Type B – Semi-Tubular Rivet

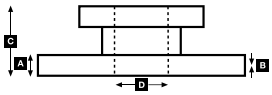


Type C – Tubular Rivet

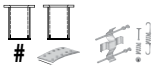


Type A – Semi Tubular Rivets











WVA !

...VOLVO

B 12-Series:

B 12 262-309kW	01/92→08/08	F	**FCV1813B**	4	29090	438	250	114	28						FAI116	**FCR192A**
B 12	09/08→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							

B 12-Series:

B 12	1986→	F	**K19071.0**	8	19071	410	176	200	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	Z-Cam-Brake (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
B 12 L	1995→	R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

B12M (Incl 6x2)

	1995→	R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

B7000-Series:

B7000	09/08→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							

B8000-Series:

B8000	09/08→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							

B9000-Series:

B9000	09/08→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							

B-Series:

B7BLE, B7R, B7RLE, B10BLE, B10M, B10TLE, B12B, B12M (incl 6x2)	01/95→	F	**FCV1813B**	4	29090	438	250	114	28						FAI116	**FCR192A**

B-Series:

B7BLE, B10BLE, B10M, B10TLE, B12B	1995→	R	**K19090.0**	8	19090	410	176	175	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19068.0	8	19068	410	176	225	▶18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
Olympian	1988→	F	**K19090.0**	8	19090	410	176	175	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R1	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R2	**K19090.0**	8	19090	410	176	175	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
Olympian MK2	1993→	F	**K19090.0**	8	19090	410	176	175	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
		R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19783.0	4 4	19783 19784	311 311	148 146	178 178	▶14,6 ▶14,3	Opt.	**96**	93684 93684			
		R	**K19090.0**	8	19090	410	176	175	▶18,3	Auxiliary axle (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

Citybus

B7L, B7LA, B7TL, B9TL, B10BLE (S/D), B10L, B10LA (S/D), B10TL (D/D &6x2)		F	**FCV1813B**	4	29090	438	250	114	28						FAI116	**FCR192A**

Citybus

B7L, B7LA, B7TL, B9TL, B10BLE (S/D), B10L, B10LA (S/D), B10TL (D/D &6x2)		R	**K19068.0**	8	19068	410	176	225	▶18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19090.0	8	19090	410	176	175	▶18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			
			K19071.0	8	19071	410	176	200	▶18,3	Opt (96 x L8=5mm Platform, 104 x L10=8mm Platform)	**96/ 104**	93683/ 93685			

TX (8000.9000)

	01/00→	F	**FCV1962B** **FCV1813B**	4 4	29125 29090	 438	250 250	111 114	29 28	D-Lisa Opt					FAI116	**FCR192A**
		R	**FCV1962B**	4	29125		250	111	29							

FERODO

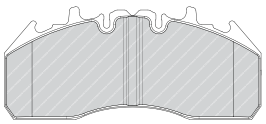
FCV1813B
4567 MER D-LISA



FCV1962B
4567 MER D-DUCO



FCV4378BFE
4567 MER Elsa225-3



FAI116 ↔ 226mm
2

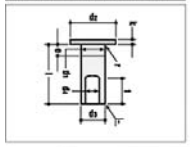


FCR192A

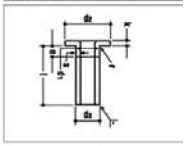
∅	A	B	C	D		Kg		
438	45.0	38.0	127	195	10xM16	35.0		ABS

Rivet Ref	Head Size	Shank Ø x Shank Length	Drawing type	Head Shape	T = tubular S = semi-tubular	Material	Material Description
93683	12	L8	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93684	12	L9	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS
93685	12	L10	Type A	Conical	S	STEEL	1 x FM RIVETS BAG INCLUDES 100 PCS

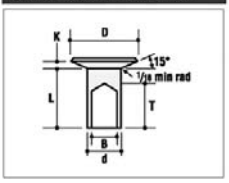
Type B – Semi-Tubular Rivet

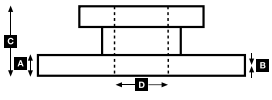


Type C – Tubular Rivet



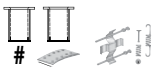
Type A – Semi Tubular Rivets













ATE BREMSEN

All 

Mercedes-Benz Volkswagen		F	**FVR1038**	4	21576		156	65	19						
			FVR1163	4	21883		156	68.5	19,6						
			FVR84	4	20011		77	70	18,5						
		R	**FVR1044**	4	21904		64	57	17						
			FVR1039	4	21621		141	49	17						
			FVR1876	4	21592		156.4	55.2	18,5						

HALDEX

DB19 

GIGANT, RENAULT Trucks, VOLVO Applications			**FCV1815BFE**	4	29207		210	92	30						

DB22LT 

GIGANT Applications			**FCV1814BFE**	4	29195		210	93.8	30						

MK II, MKIII 

DB22 disc brake versions for 22, 5" wheel			**FCV1901B**	4	29120		248	105	30	without bump					

MKIV, ModulX 

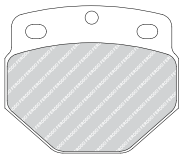
DB22 disc brake versions for 22, 5" wheel			**FCV1367B**	4	29143		248	105	30	with bump					

KNORR-BREMSE

All 

K65 Coach Applications K85 Coach Applications		F	**FCV961** **FCV594**	8 8	29688 29747		110 140	99 121	25 32						
SB/SN5000 Truck/Trailer Applications 17.5" wheels		F	**FCV1277BFE**	4	29183		185	84	27/34						
		R	**FCV1277BFE**	4	29183		185	84	27/34						
SB/SN6000 Trailer Applications 19.5" wheels	→04/03	R	**FCV1329BFE**	4	29197		211	93	30						
	05/03→		**FCV1678B**	4	29165		211	93	30	05/03→ Only BPW Axle SB3745T					
SB/SN6000 Truck Applications 19.5" wheels		F	**FCV1275BFE**	4	29197		211	93	30						
		R	**FCV1275BFE**	4	29197		211	93	30						
SB/SN6000 MAN Truck Applications 19.5" wheels		F	**FCV1792BFE**	4	29197		211	93	30						
SB/SN7000 Bova		F	**FCV4374BFE**	4	29179		248	109	30	wear indicator FAI130 included in the pad set					
		R	**FCV4374BFE**	4	29179		248	109	30	wear indicator FAI130 included in the pad set					
SB/SN7000 DAF		F	**FCV4345PTS**	4	29179	432	248	109	30						
		R	**FCV4345PTS**	4	29179	432	248	109	30						
SB/SN7000 Scania		F	**FCV1373DFE**	4	29179		248	109	30						
		R	**FCV1373DFE**	4	29179		248	109	30						
SB/SN7000 Trailer Applications 22.5" wheels		R	**FCV4296PTS**	4	29253		248	108	30	Discos and SMB Applications					
	05/03→		**FCV4344PTS**	4	29253		248	108	30	BPW→04/03, Crane Fruehauf, Gronning Lynx, SAE, SAF, Schmitz and Trenkamp & Gehle Applications					
			FCV1677B	4	29167		248	109.5	30	05/03→ Only BPW Axle SB4345T					
SB/SN7000 Truck/Coach Applications 22.5" wheels		F	**FCV4296PTS**	4	29253		248	108	30						
		R	**FCV4296PTS**	4	29253		248	108	30						
SB/SN7000 Urban Bus Applications only 22.5" wheels		F	**FCV1598BFE**	4	29179		248	109	30						
		R	**FCV1598BFE**	4	29179		248	109	30						
SB7600 Iveco Truck Applications 22.5" wheels		F	**FCV1914FE**	4	29196	436	248	108	30						
		R	**FCV1914FE**	4	29196	436	248	108	30						
SK7 Trailer Applications		R	**FCV1657B**	4	29158		210.8	108	30	Discos and SAF Applications					
	05/03→		**FCV1825B**	4	29171		211	108	30	BPW Axle SB4309T					
SL7 Mercedes-Benz Applications	10/10→	R	**FCV4418PTS**	2	29244	430	207.6	113.7	35						
				2	29245	430	207.6	113.7	30						
SM7 Mercedes-Benz Applications	10/10→	F	**FCV4417PTS**	2	29246		244.6	113.7	35						
				2	29247		244.6	113.7	30						

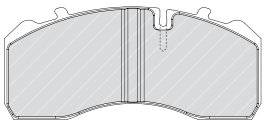
FCV594
3475 KNR K 85



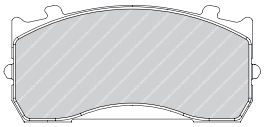
FCV961
3475 KNR K 65



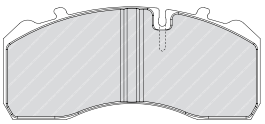
FCV1275BFE
4550 KNR SB/SN6...



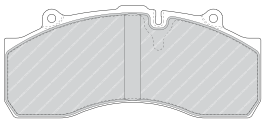
FCV1277BFE
4550 KNR SB/SN5…



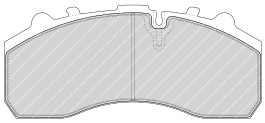
FCV1329BFE
4569 KNR SB/SN6…



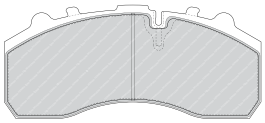
FCV1367B
4550 HAL DB22



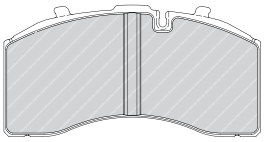
FCV1373DFE
7083 KNR SB/SN7....



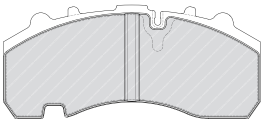
FCV1598BFE
4567 KNR SB/SN7….



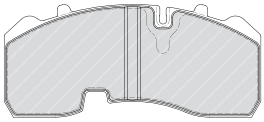
FCV1657B
4550 KNR SK7...



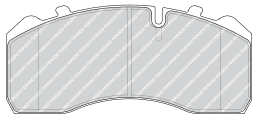
FCV1677B
4575 KNR SB4345T (SB7)



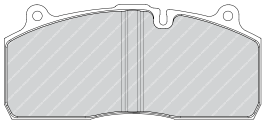
FCV1678B
4575 KNR SB3745T (SB6)



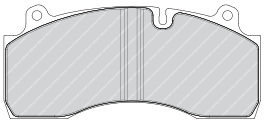
FCV1792BFE
4568 KNR SB/SN6…



FCV1814BFE
4581 HAL DB22LT



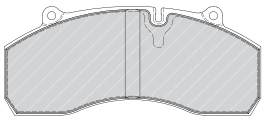
FCV1815BFE
4581 HAL DB19



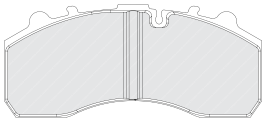
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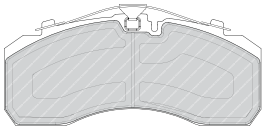
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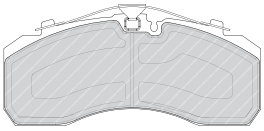
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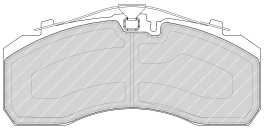
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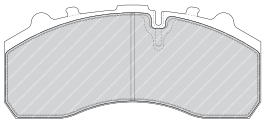
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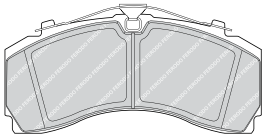
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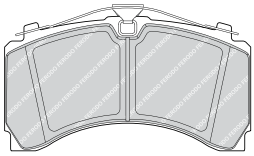
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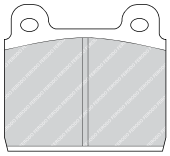
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7121 KNR SM7



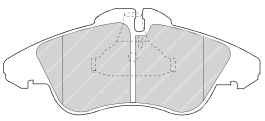
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7221 KNR SL7



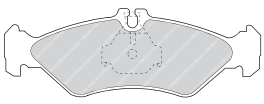
FVR84
4199 ATE



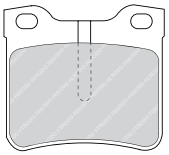
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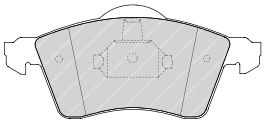
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4801 ATE



FVR1044
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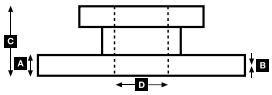


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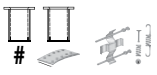


FVR1876
4260 ATE











MERITOR

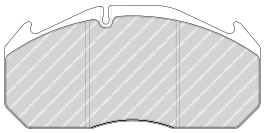
All

C-Duco Volvo Applications	2000→	R	**FCV1387B**	4	29137		210	102	29							
C-Lisa			**FCV1159B**	4	29099		214	112	25							
D Duco	2000→	F	**FCV1388B**	4	29125		250	111	29							
		R	**FCV1388B**	4	29125		250	111	29							
DLE-Duco		R	**FCV1952B**	4	29151		216	97	29							
D Lisa Bus Applications	1991→	F	**FCV1813B**	4	29090		250	114	28							
D Lisa Truck Applications	1991→	F	**FCV1047B**	4	29090		250	114	28							
D2	07/87→	F	**FCV769**	4	29043		204	97	24							
D3/ D-Elsa 1 MAN Applications	01/89→	F	**FCV1578BFE**	4	29210		250	118	28	Man bus max 100km/h speed						
		R	**FCV1578BFE**	4	29210		250	118	28	Man bus max 100km/h speed						
D3/ D-Elsa 1 oversize 30mm MAN	01/89→	F	**FCV1583B**	4	29053		250	118	30							
		R	**FCV1583B**	4	29053		250	118	30							
D3/ D-Elsa 1 Renault Truck Applications	04/90→	F	**FCV1585BFE**	4	29210		250	118	28							
D3/ D-Elsa 1 Mercedes Applications	09/91→	F	**FCV760B**	4	29083		250	118	28							
		R	**FCV760B**	4	29083		250	118	28							
D3/D-Elsa 1 oversize 30mm Mercedes	09/91→	F	**FCV1086B**	4	29084		250	118	30							
		R	**FCV1086B**	4	29084		250	118	30							
D3/ D-Elsa 1 Urban Bus only	1992→	F	**FCV1579BFE**	4	29210		250	118	28	Man bus max 80km/h speed						
		R	**FCV1579BFE**	4	29210		250	118	28	Man bus max 80km/h speed						
D3/ D-Elsa 1 oversize 30mm Bus only		F	**FCV1584B**	4	29053		250	118	30							
		R	**FCV1584B**	4	29053		250	118	30							
D3/ D-Elsa 1 SETRA bus		F	**FCV1762BFE**	4	29210		250	118	28							
D3/ D-Elsa 1 oversize 30mm SETRA bus		F	**FCV1763B**	4	29053		250	118	30							
D-Elsa 2 Urban bus only	2002→	F	**FCV1656BFE**	4	29156		250	118	30							
		R	**FCV1656BFE**	4	29156		250	118	30							
D-Elsa 2 Renault Trucks Applications	08/00→		**FCV1653BFE**	4	29156		250	118	30							
D-Elsa 2 MAN/ERF Applications	03/00→	F	**FCV1404BFE**	4	29156		250	118	30							
		R	**FCV1404BFE**	4	29156		250	118	30							
DX 195	1998→	R	**FCV1857BFE**	4	29155	378	205	102	27							
DX 225 Bus Applications	1998→	F	**FCV1821B**	4	29150		249	117.5	30							
		R	**FCV1821B**	4	29150		249	117.5	30							
DX 225 Special vehicles		F	**FCV4352B**	4	29180		235.5	109	29							
		R	**FCV4352B**	4	29180		235.5	109	29							
Elsa 195 ROR Applications	2003→	R	**FCV1624B**	4	29169		211	100	30							
Elsa 225-1 Renault Truck Midlum/Volvo	05/06→	F	**FCV4377B**	4	29203		216	99.6	29							
Trucks Applications		R	**FCV4377B**	4	29203		216	99.6	29							
Elsa 225-3 Renault/Volvo Applications	10/05→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							
Elsa 225-3 Volvo Bus	09/08→	F	**FCV4378BFE**	4	29218		249.6	109.5	29							
		R	**FCV4378BFE**	4	29218		249.6	109.5	29							
EX225H2		R	**FCV4311B**	4	29187		249.4	114	29							

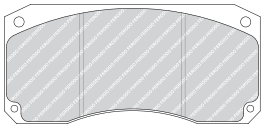
Lift Axles

VGT195 Renault/Volvo Applications	05/06→	R	**FCV4170B**	4	29177		210	102.6	29							

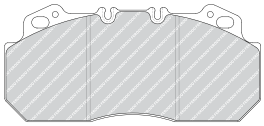
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3422 MER D3



FCV769
3422 MER D2



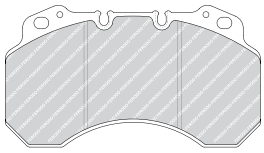
FCV1047B
4572 MER D-LISA



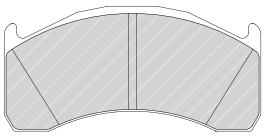
FCV1086B
3422 MER D3



FCV1159B
4572 MER C-LISA



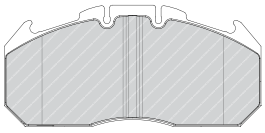
FCV1387B
4562 MER C- DUCO



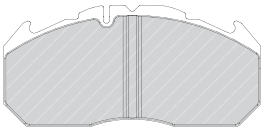
FCV1388B
4562 MER D-DUCO



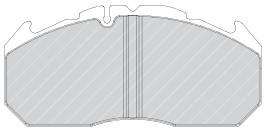
FCV1404BFE
4568 MER D-ELSA2



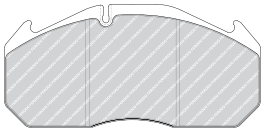
FCV1578BFE
4568 MER D3/D-ELSA 1



FCV1579BFE
4567 MER D3/D-ELSA 1



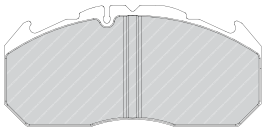
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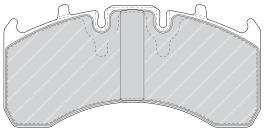
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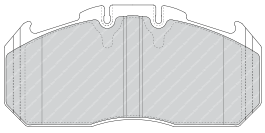
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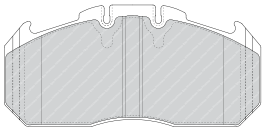
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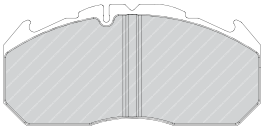
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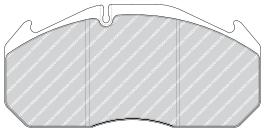
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FCV1762BFE
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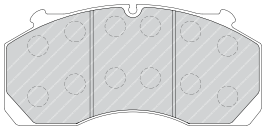
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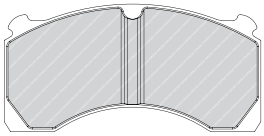
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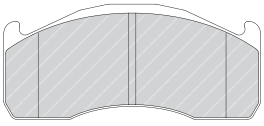
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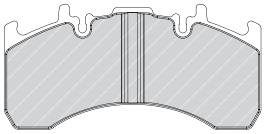
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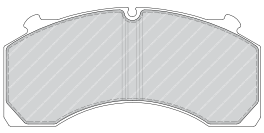
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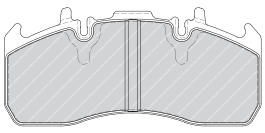
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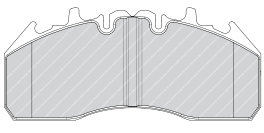
FCV4352B
4562 MER DX225



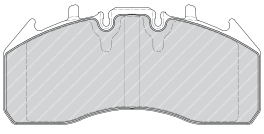
FCV4377B
4567 MER Elsa225-1

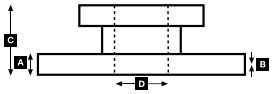


FCV4378BFE
4567 MER Elsa225-3



FCV4311B
4567 MER EX225H2









WABCO

NG22MAX

22.5 wheel MAN vehicles	09/10→		**FCV4419**	4	29279		217.5	107.6	30,5					

PAN17

DAF/RENAULT TRUCKS Applications			**FCV1279**	4	29088		176	83	26					
IVECO Applications			**FCV1354**	4	29088		176	83	26					
MAN Applications			**FCV4283**	4	29088/ 29144	330	176	83	26					

PAN19-1

DAF Applications			**FCV1964**	4	29159		211	93	30					
DENNIS BUS/SOR BUS			**FCV1963**	4	29159		211	93	30					
SAF/SMB Applications			**FCV4043**	4	29159		211	93	30					

PAN19-2

DAF/RENAULT TRUCKS Applications			**FCV1389**	4	29141/ 29142		204.6	99.6	30					

PAN22

SMB			**FCV1366**	4	29154		248	108	30					

PAN22-1

SMB/SAF			**FCV1828**	4	29162		210.3	109.8	31					

Wabco 456 F-Ö

DAF, IVECO, Leyland Applications			**FCV376**	4	29017		191	89	23					
IVECO, Leyland Applications			**FCV503**	4	29024		191	89	23					
IVECO Applications			**FCV952**	4	29029		191	87	23					

Wabco 485 F-Ö

IVECO BUS Applications			**FCV983**	8	29018		162	162	28					

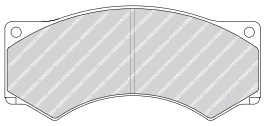
Wabco 1000 V-G

MAN Applications			**FCV987**	4	29055		176	83	22					

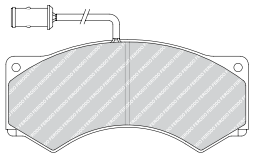
Wabco 1600 V-G

DAF Applications			**FCV1042**	4	29077		205	106	27					

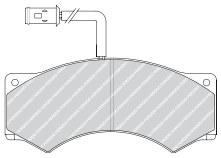
FCV376
3422 WAB 456 F-Ö



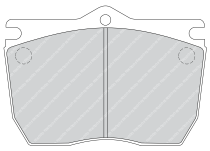
FCV503
3475 WAB 456 F-Ö



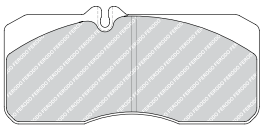
FCV952
3475 WAB 456 F-Ö



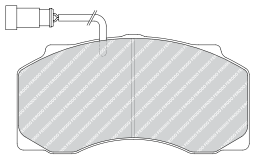
FCV983
3475 WAB 485 F-Ö



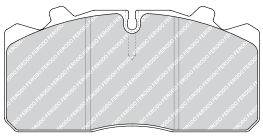
FCV987
4551 WAB 1000 V-G



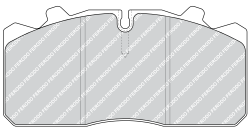
FCV1042
3475 WAB 1600 V-G



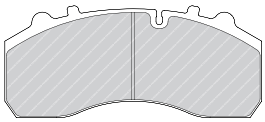
FCV1279
4551 WAB PAN 17



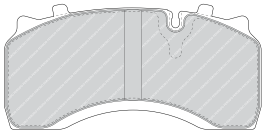
FCV1354
4523 WAB PAN 17



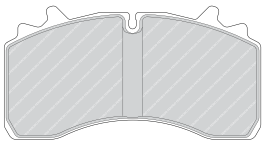
FCV1366
4550 WAB PAN 22



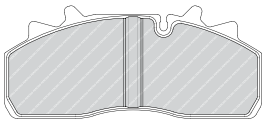
FCV1389
4572 WAB PAN 19-2



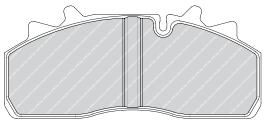
FCV1828
4569 WAB PAN 22-1



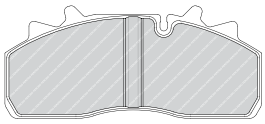
FCV1963
4567 WAB PAN 19-1



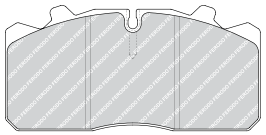
FCV1964
4568 WAB PAN 19-1



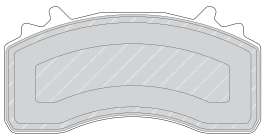
FCV4043
4569 WAB PAN 19-1

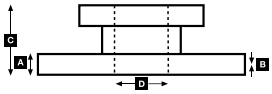


FCV4283
4568 WAB PAN17



FCV4419
5200 WAB NG22MAX

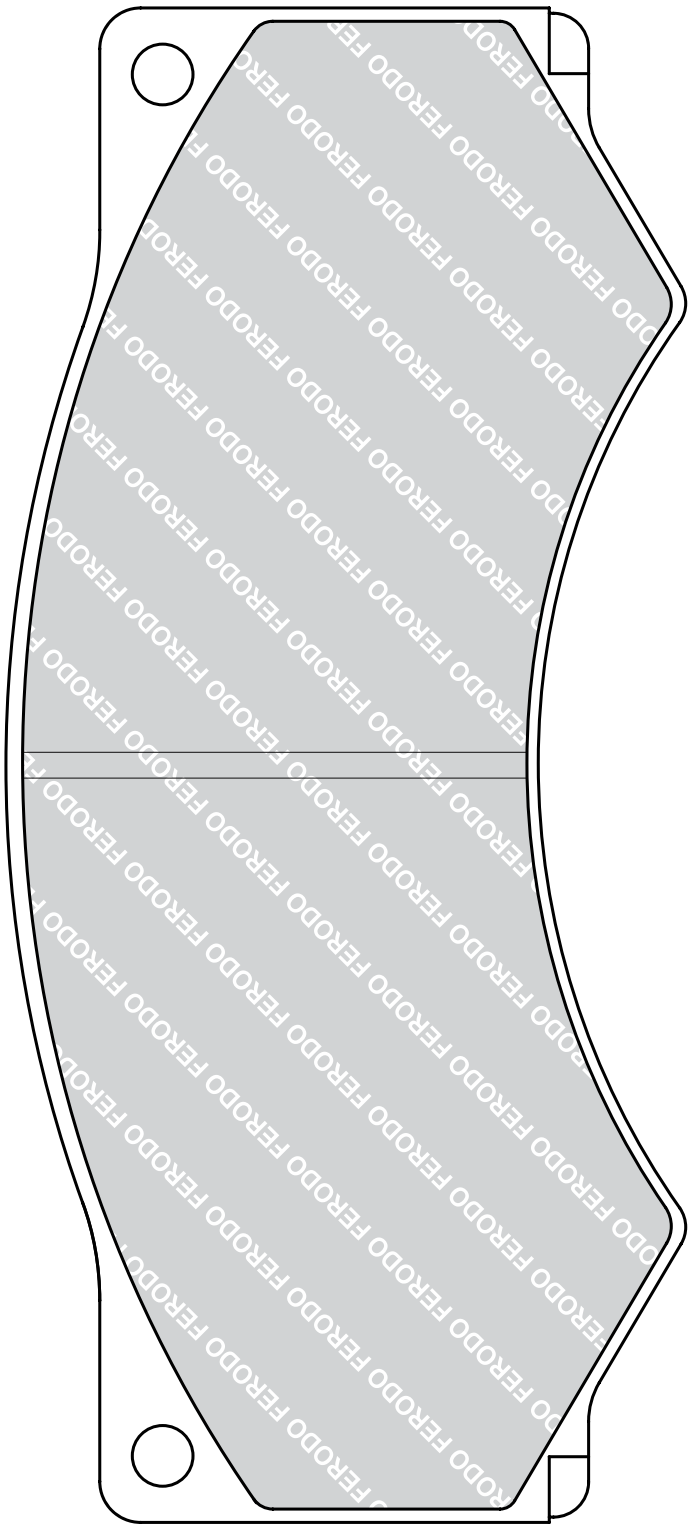




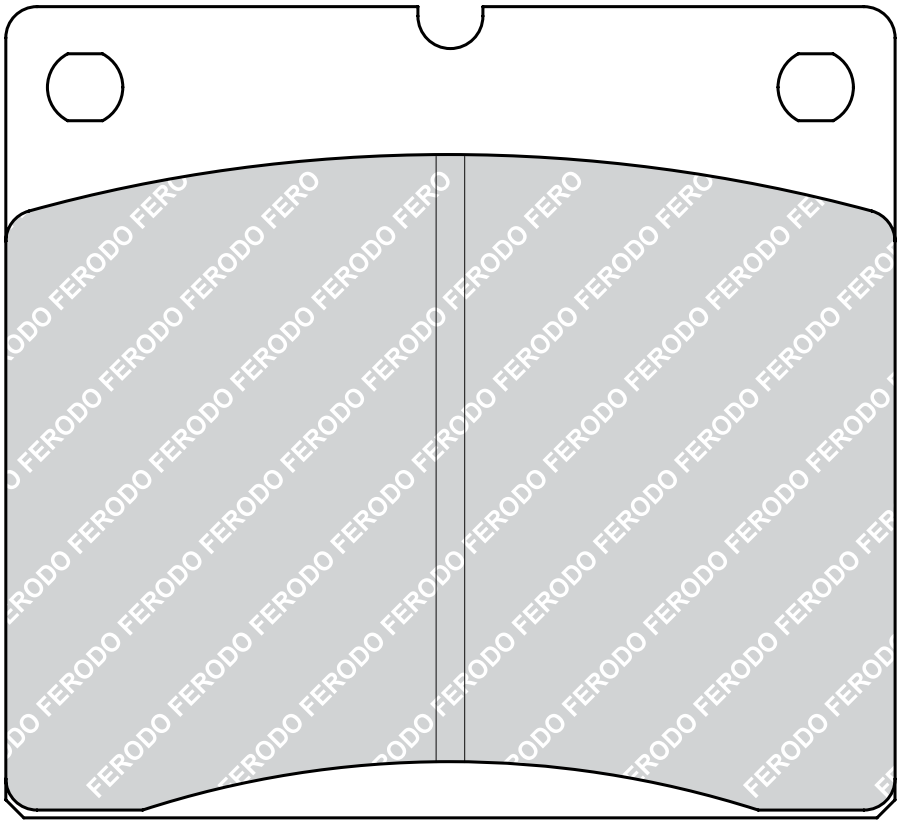
FCV376 29017

191 89 23 WAB 456 F-Ö

AVIA - DAEWOO (Czech) A60, A75, A80, D60, D75, D80, D95
DAF F 45 Series, F 600, F 800 Series, F 1000, Roadrunner, Swift
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö



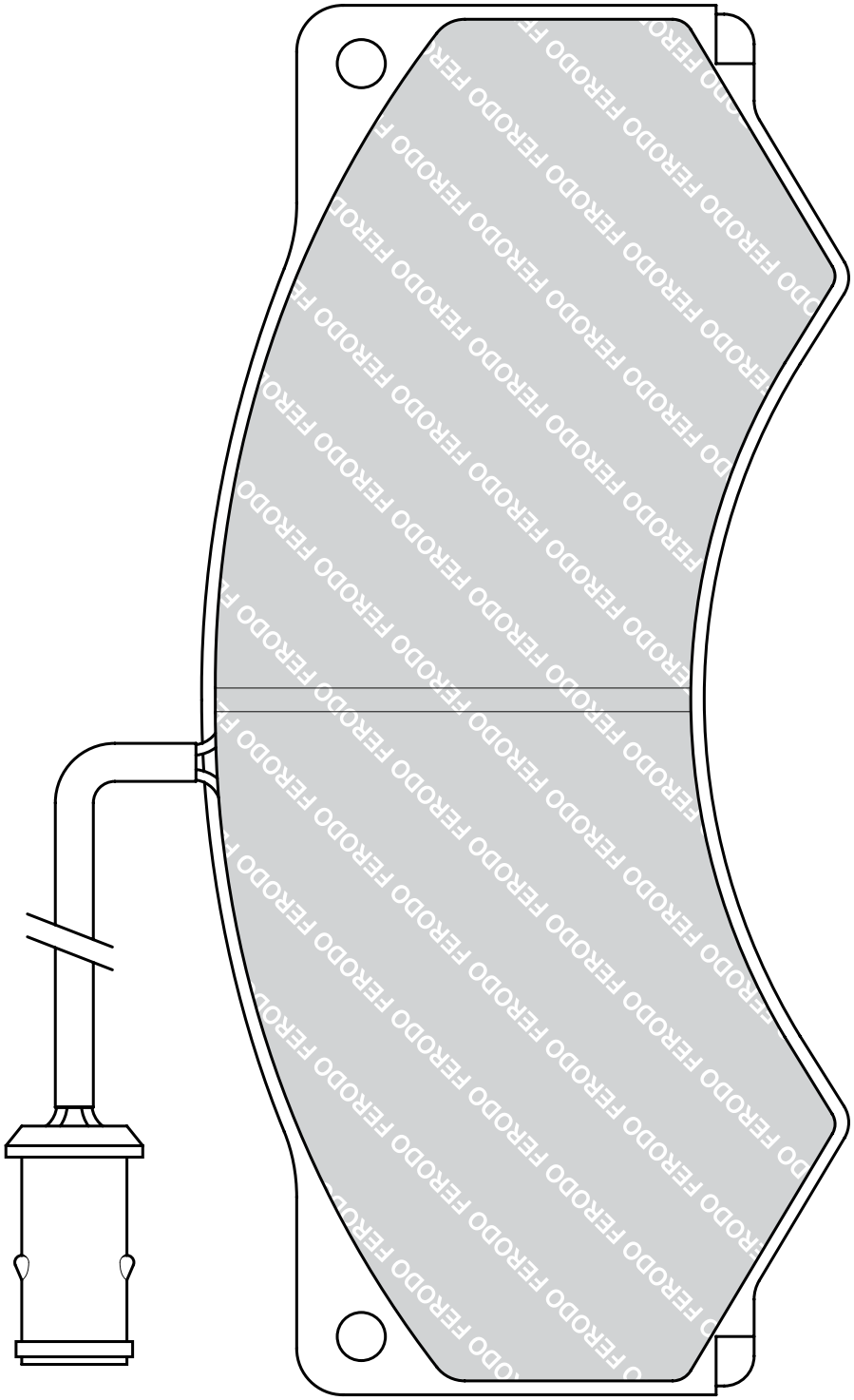
MENARINI All



FCV503 29024

191 89 23 WAB 456 F-Ö fitted (2)

DAF F 45 Series, Roadrunner
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö

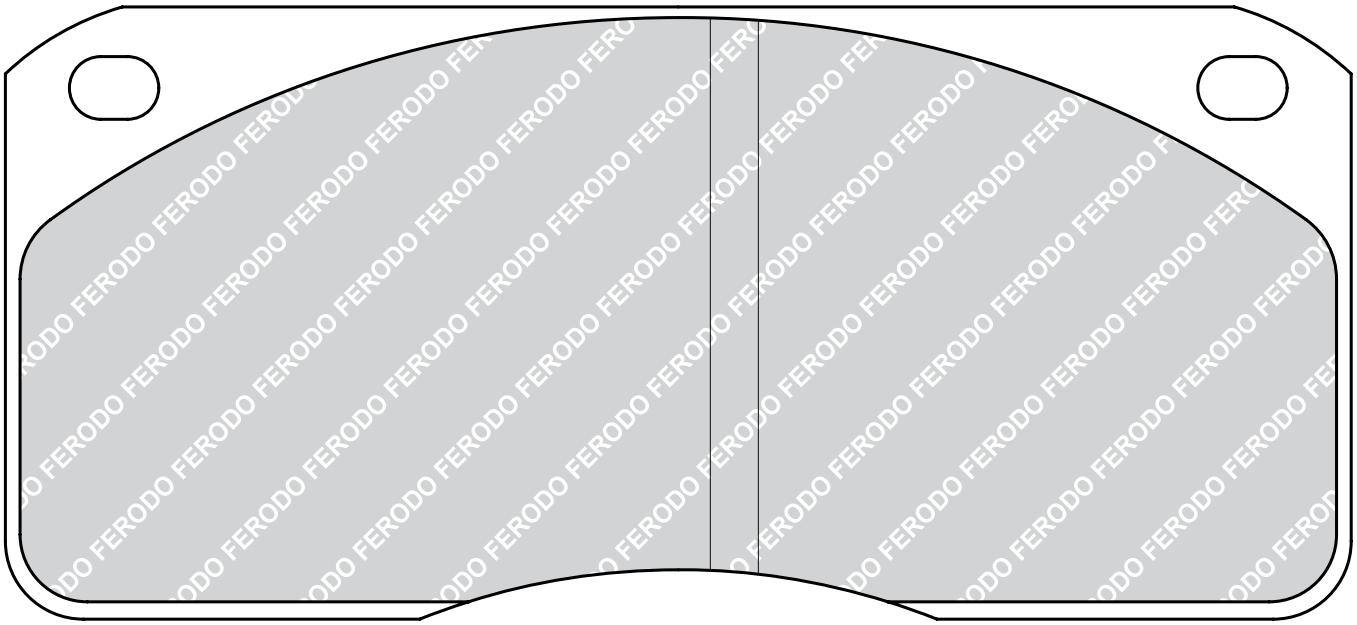


FERODO

FCV523 29302

176 80 22 MER 2x68

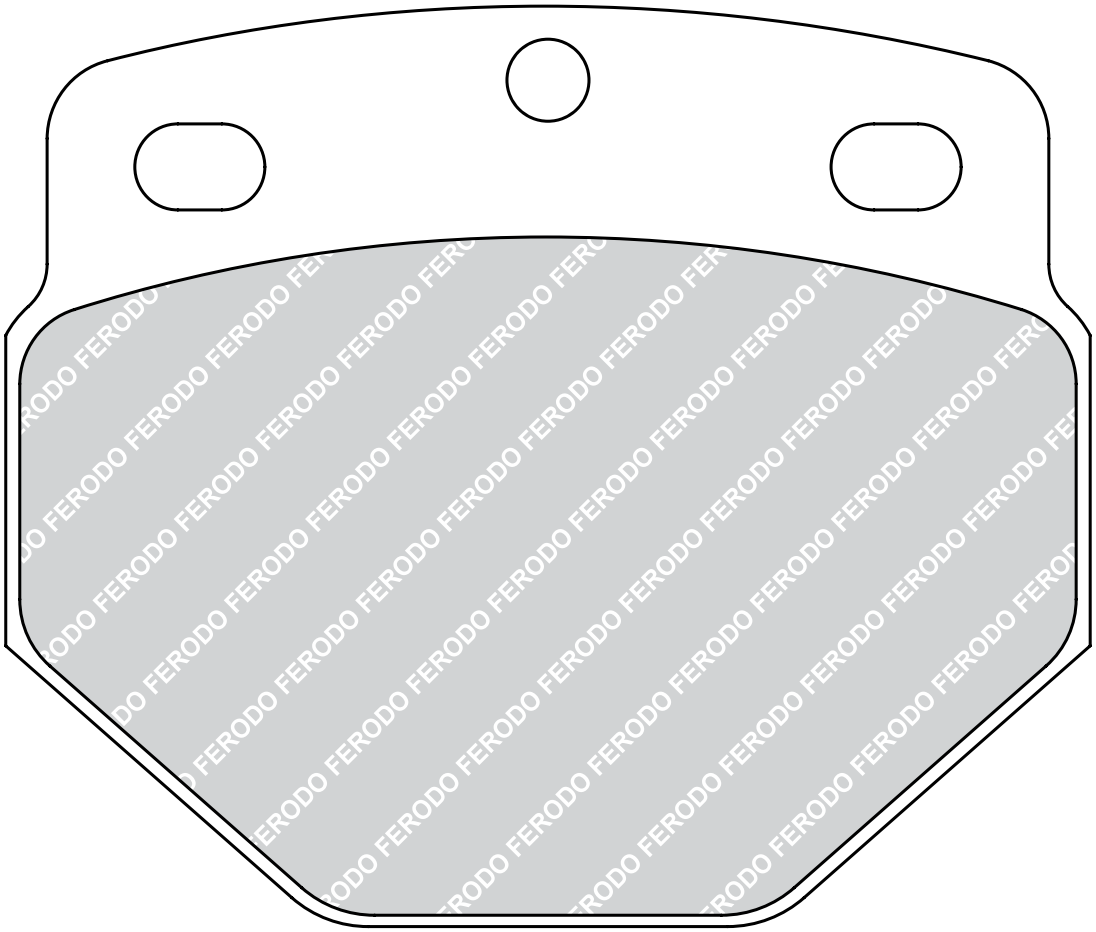
AWD TL Range:
FORD Cargo:
MCW Metrorider
OPTARE Metrorider, Nouvelle SR, Solo
VOLVO FL 4 Series:, FL 6-Series:



FCV594 29747

140 121 32 KNR K 85

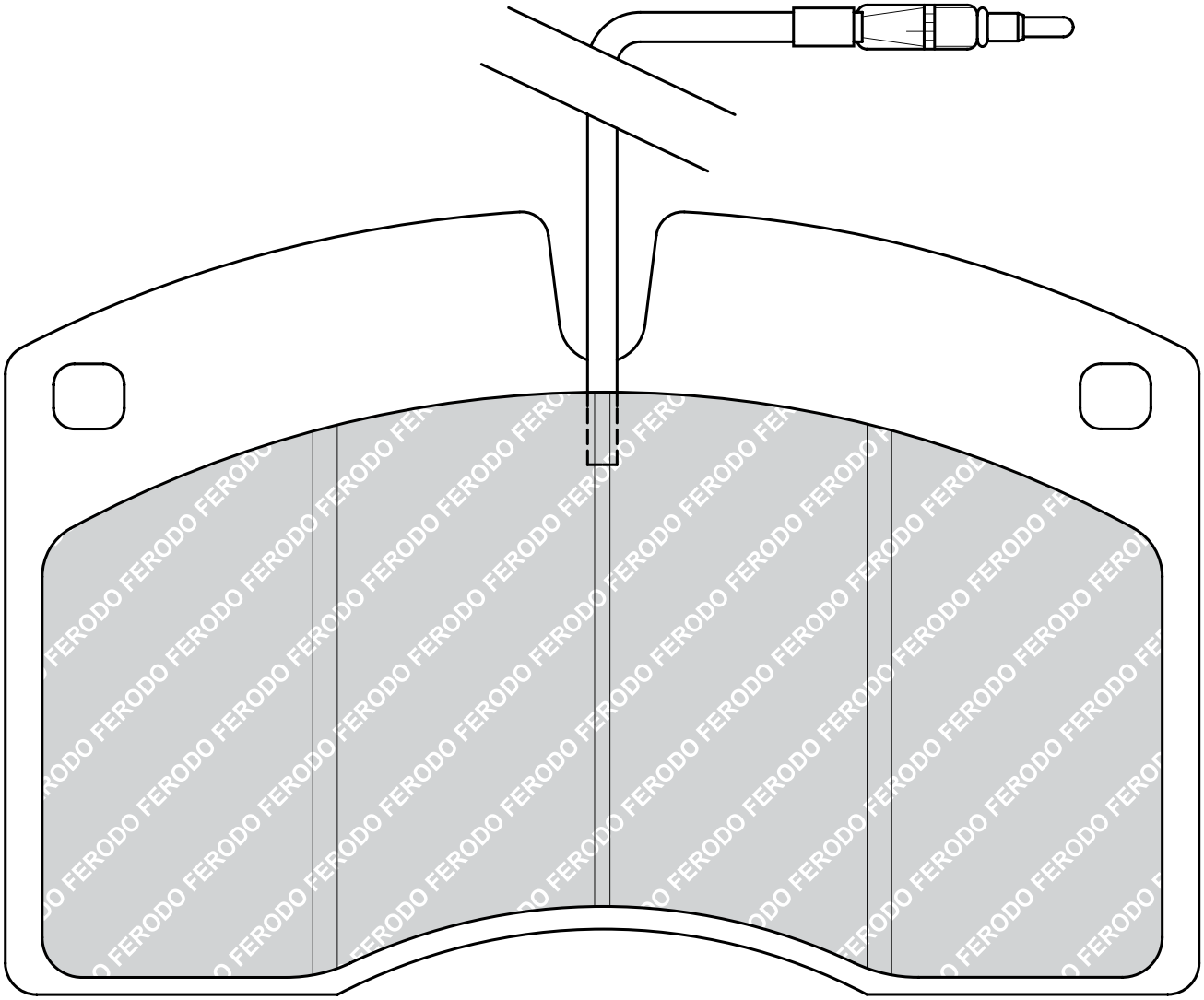
BOVA Futura
DAF MB230, SB2300, SB2305, SB2705, SB3000, SBR3000
KNORR-BREMSE All
MAN Lion's Star
NEOPLAN All
SETRA All
VAN HOOL All



FCV624 29072

170 | 111 | 19 | BRE | plugged-in (8)

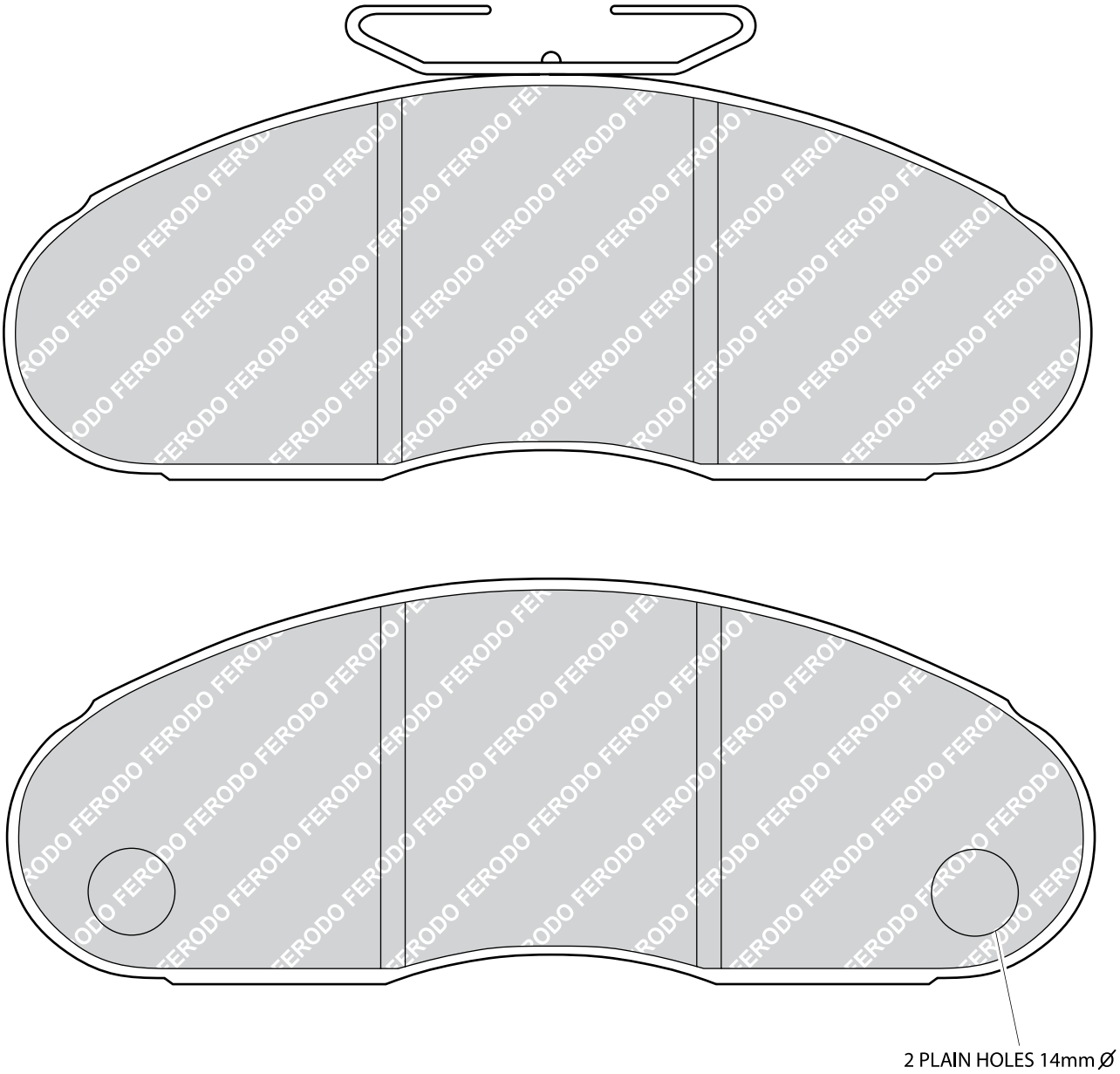
MENARINI All
RENAULT BUS R312



FCV627 29071

168 62 17 ALLIEDI PL2

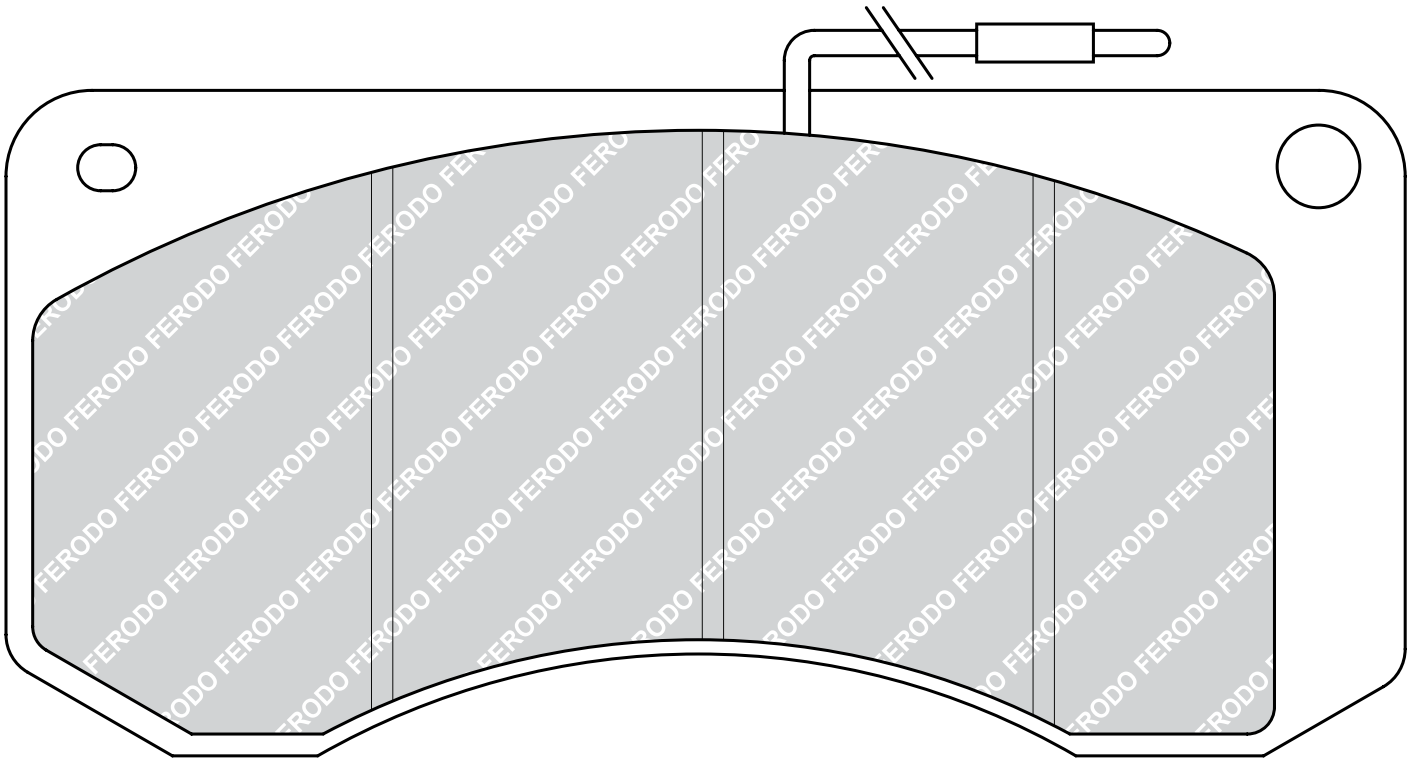
RENAULT TRUCKS B Series



FCV668 29013

183 | 87 | 21 | S.E.E. 2 x 67 | fitted (4)

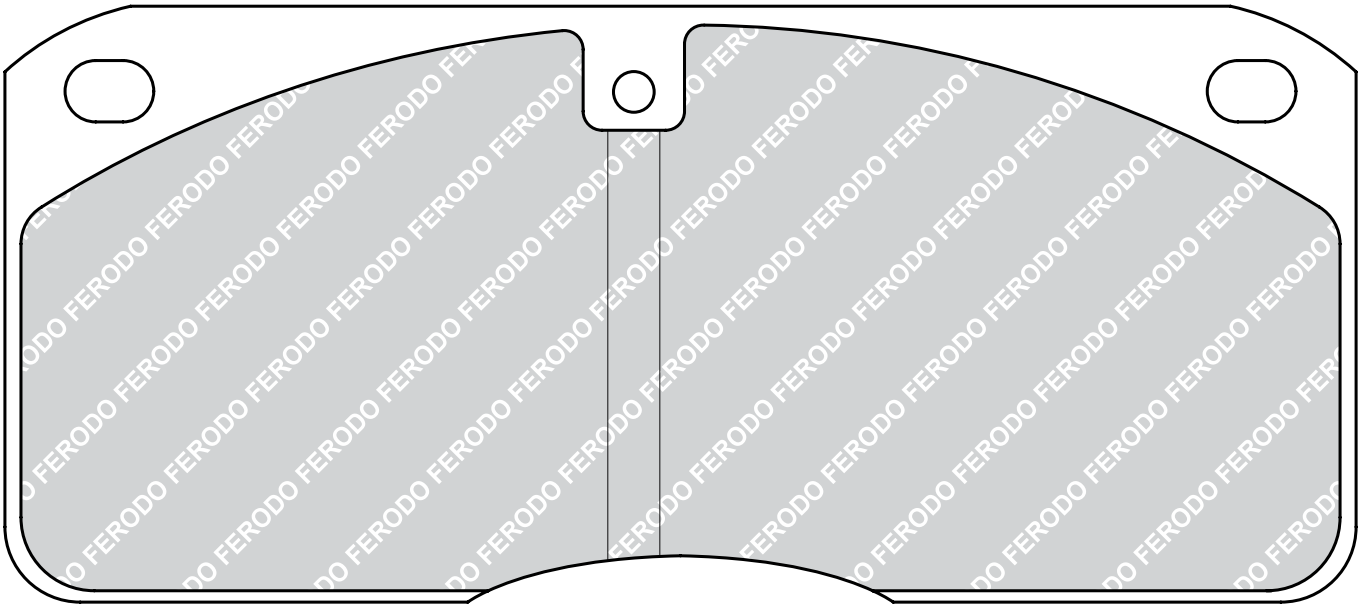
DENNIS Fire Engines
MAN Regal/Regent
RENAULT TRUCKS Midliner/M Series, Midliner/S Series



FCV702 29039

177 | 78 | 22 | MER 2x68

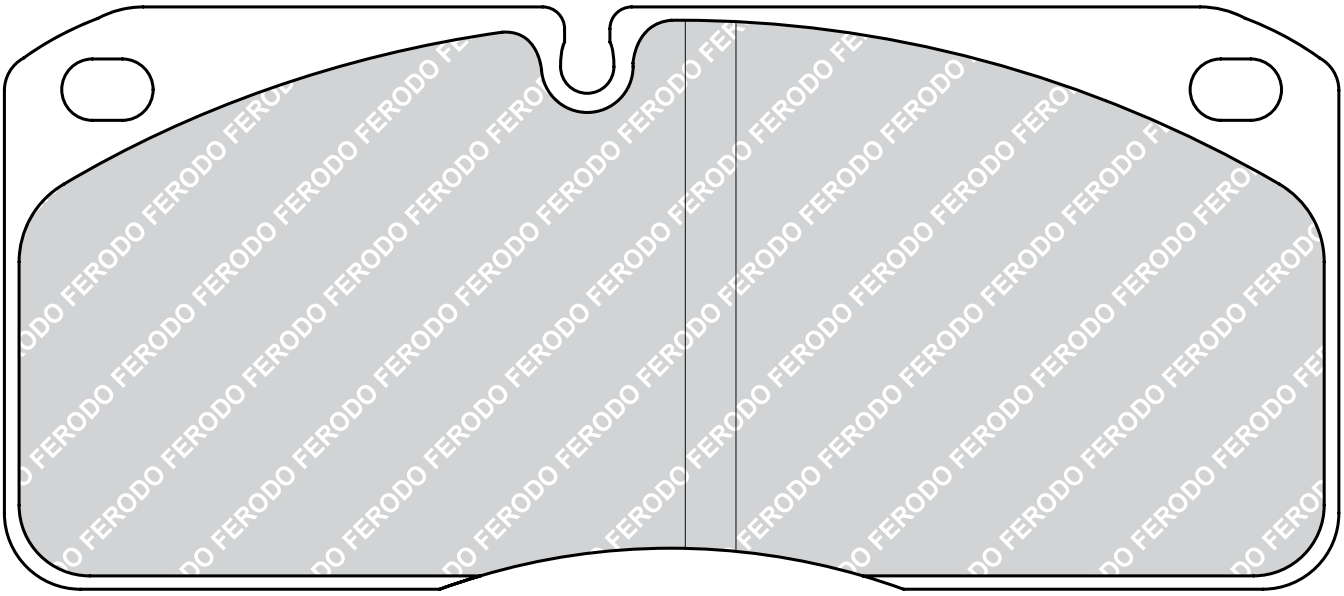
NISSAN Ebro, Eco-T / Atleon Range
VOLVO B 6-Series:, FL 4 Series:, FL 6-Series:, FLC, FS 7



FCV733 29067

176 | 79 | 22 | MER 2x68

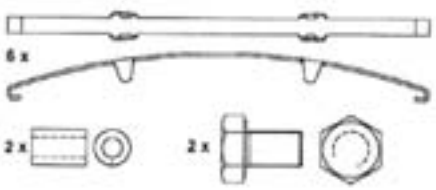
IVECO Cargo Plus, EuroCargo, EuroCargo Tector, Z-Series:
RENAULT TRUCKS Midliner/S Series

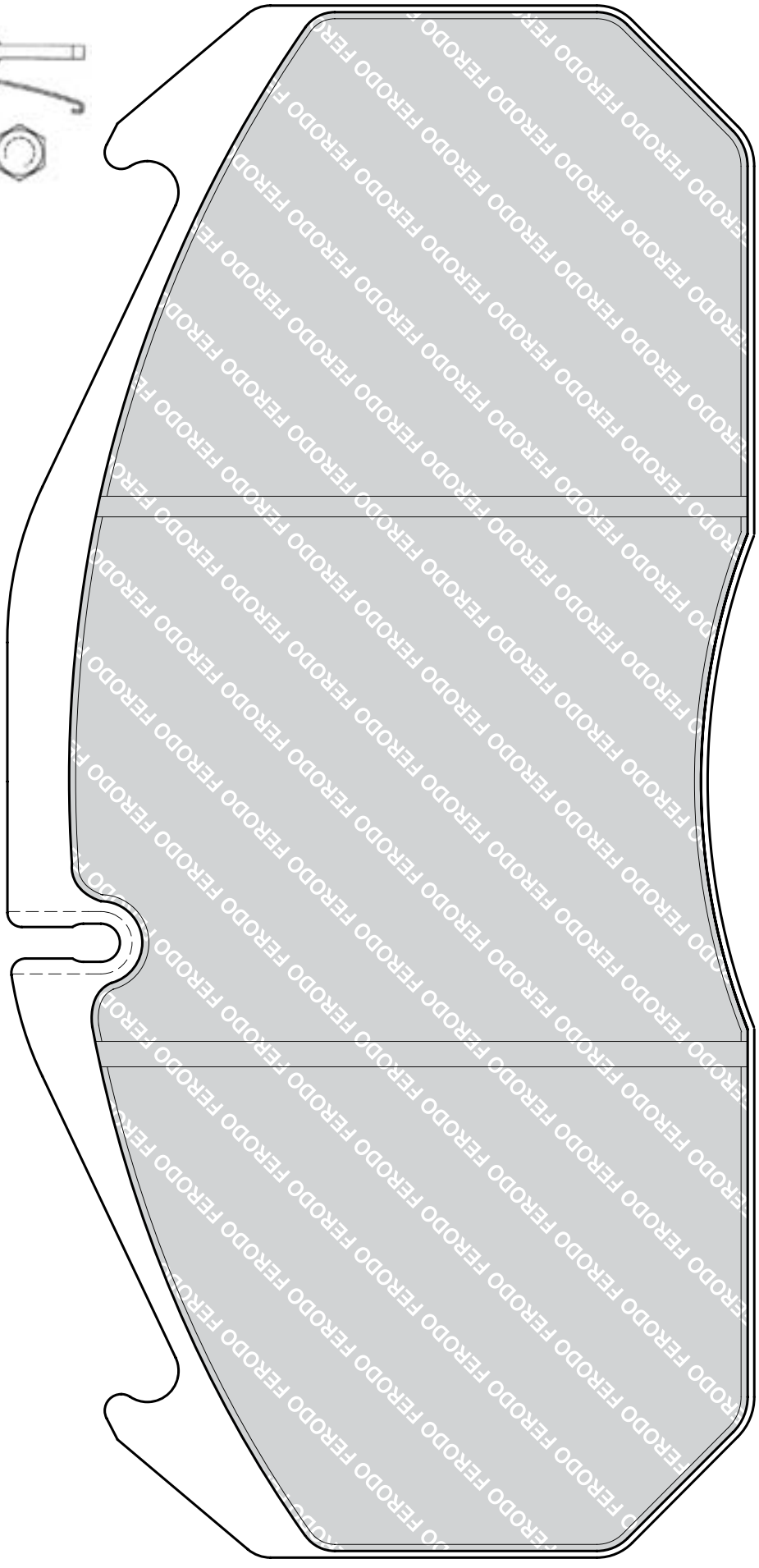


FCV760B 29083

250 118 28 MER D3

MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)
MERITOR All

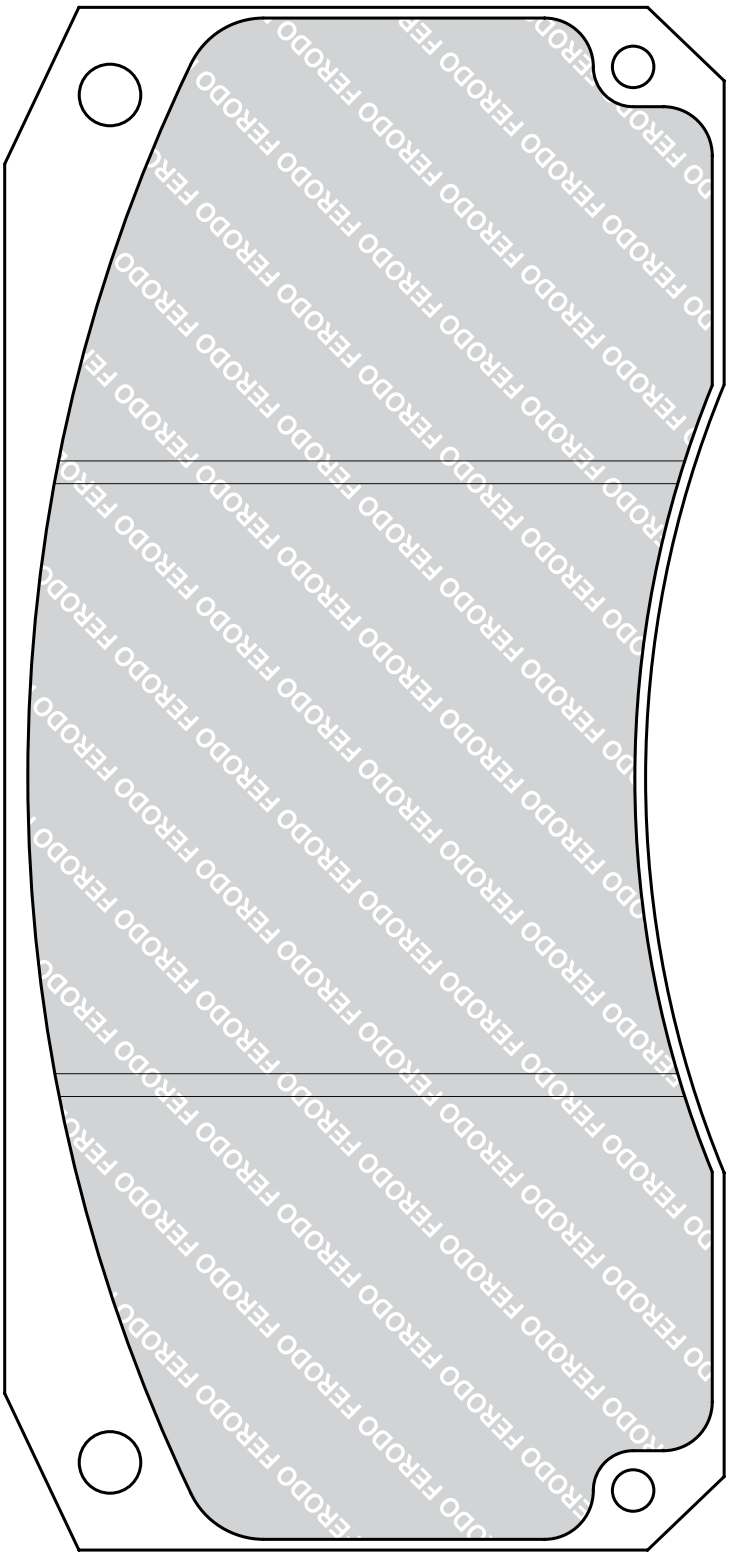




FCV769 29043

204 97 24 MER D2

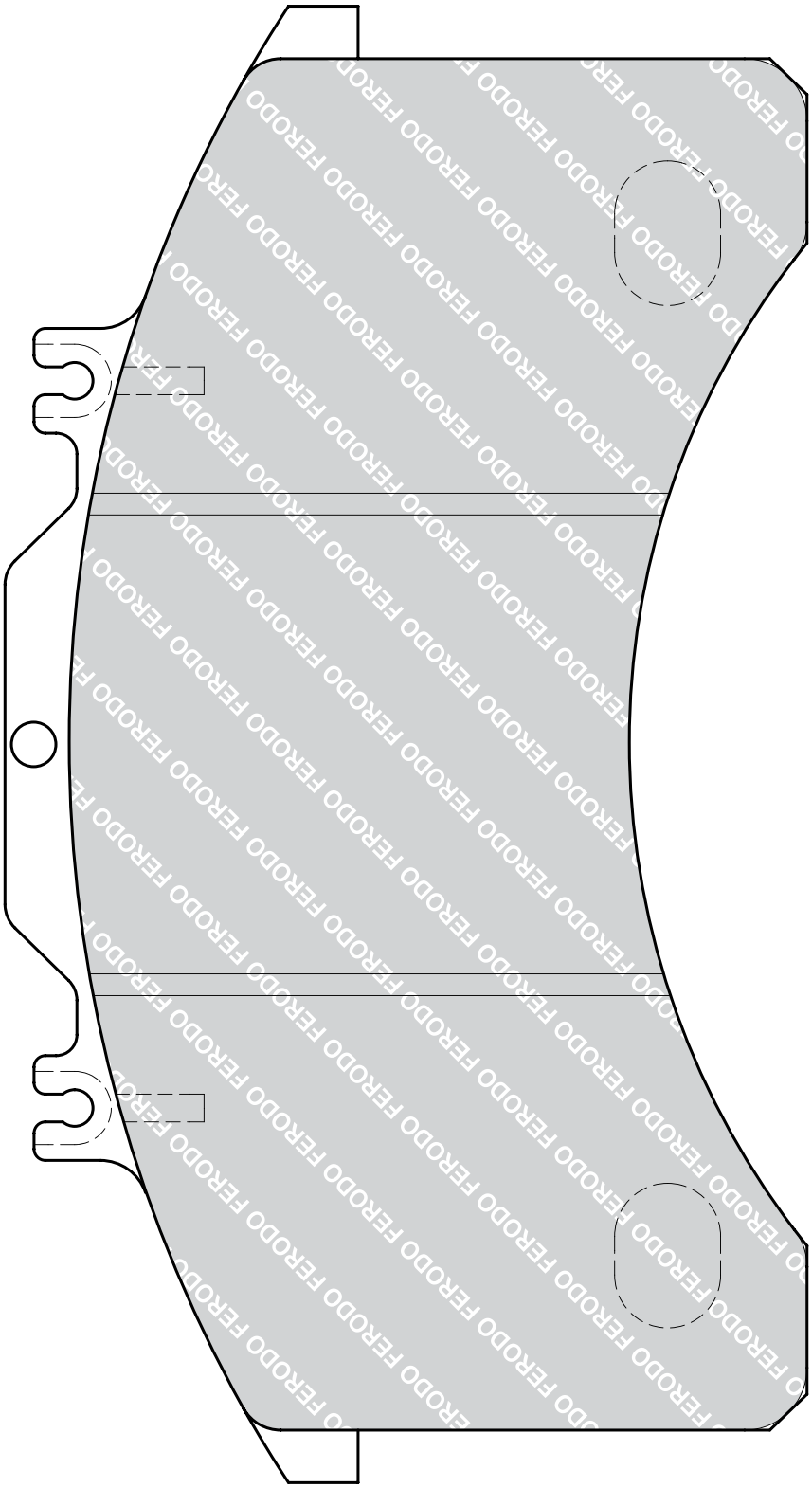
BERKHOF PSV Axial 50, Radial
DENNIS Javelin Coach
MERITOR All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



FCV770 29032

206 107 25 KNR ADB 3700

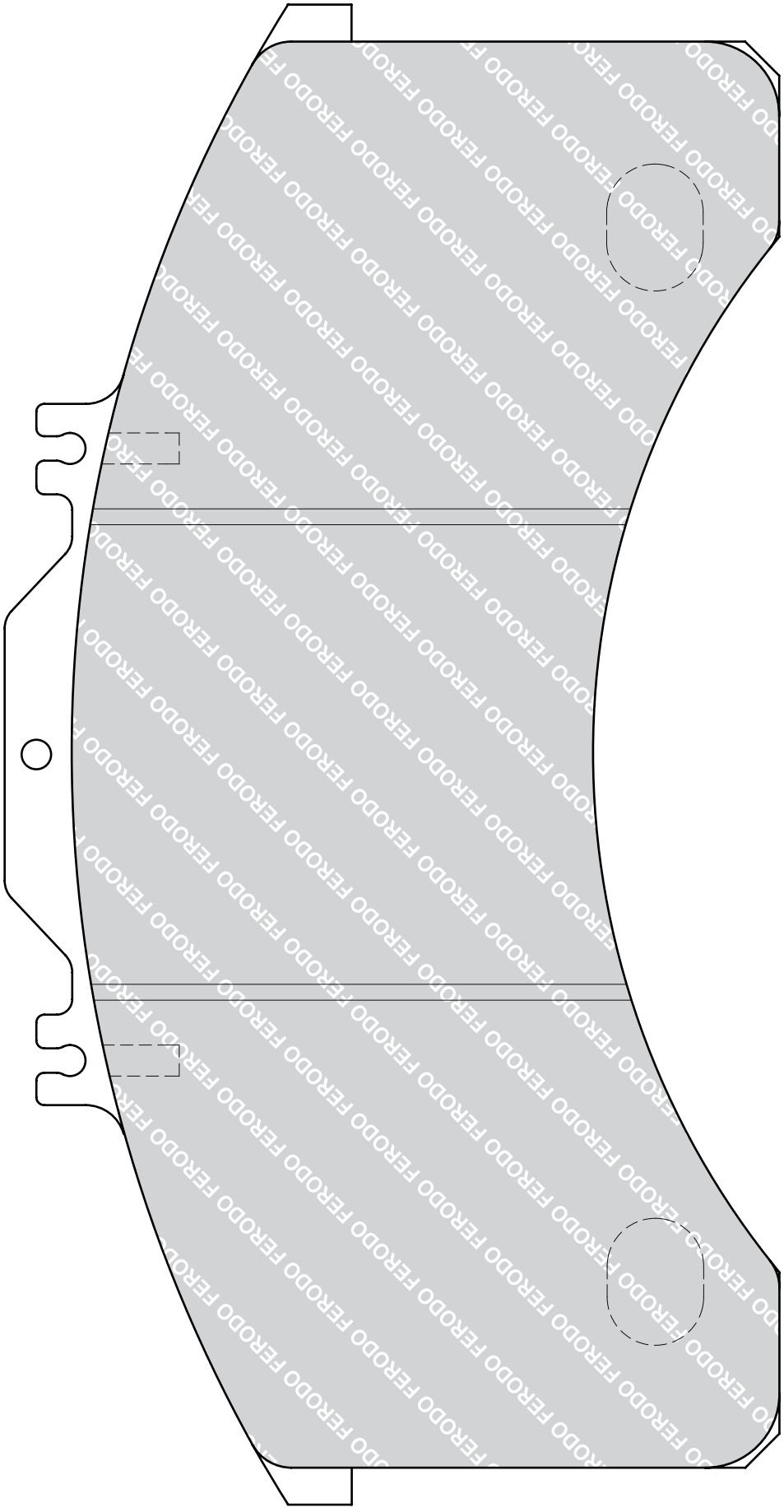
FORD Supercargo
IVECO EuroCargo



FCV773 29011

241 125 25 KNR ADB 4300

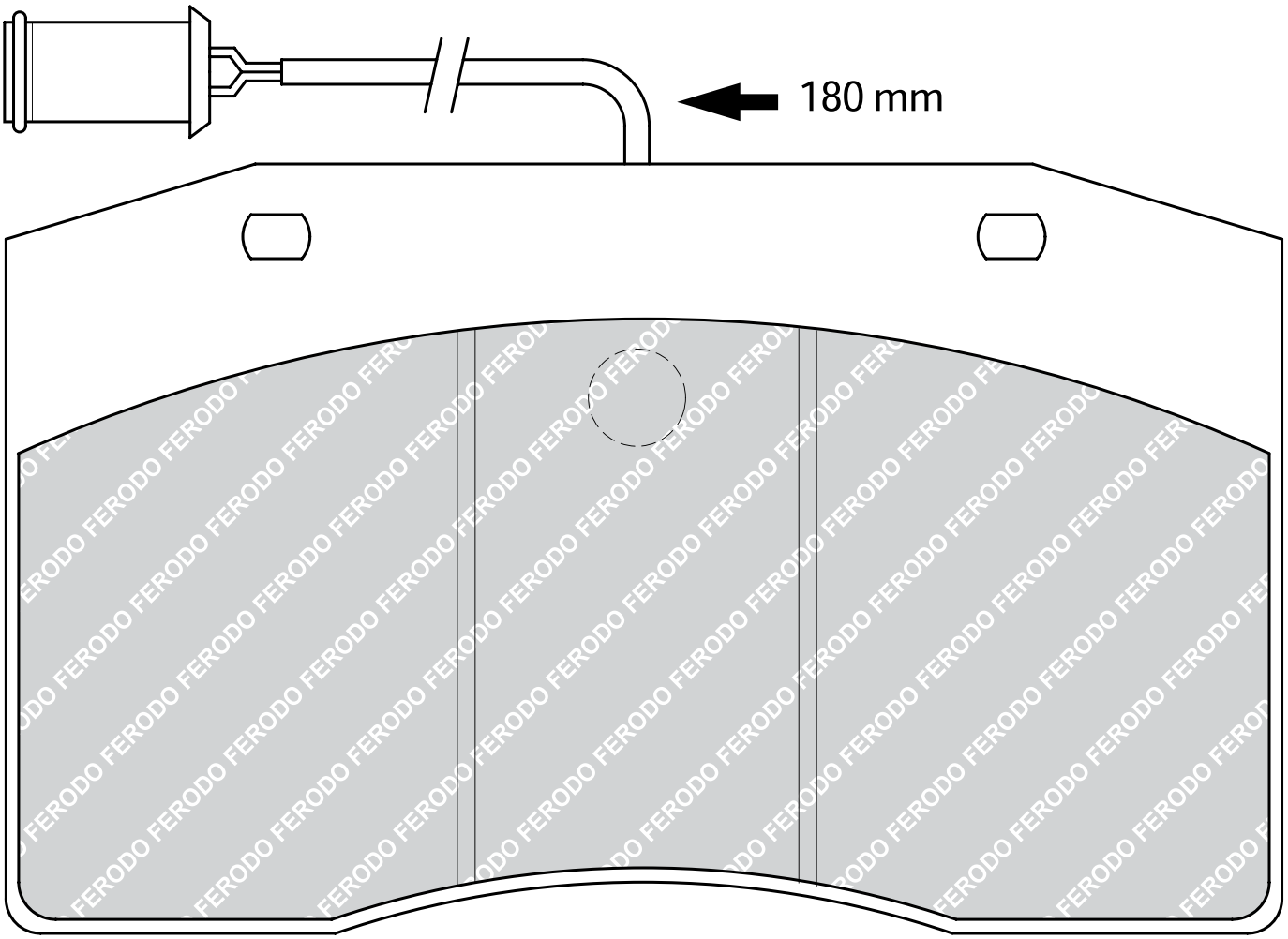
FORD Supercargo
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT



FCV801 29075

180 | 106 | 20 | BRE | plugged-in (2)

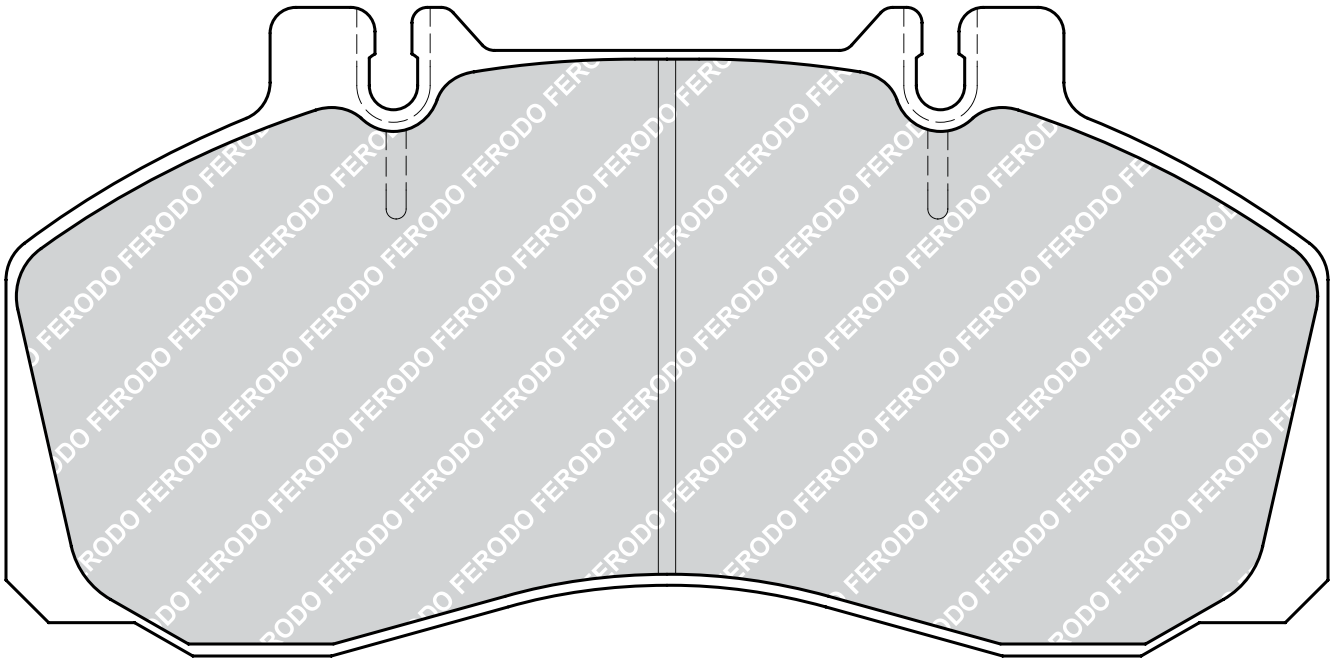
IRISBUS Iveco 370, Iveco 380, Iveco 391 E- 393E - 397E, Iveco Euroclass



FCV879 29065

175 | 86 | 22 | MER 2x60

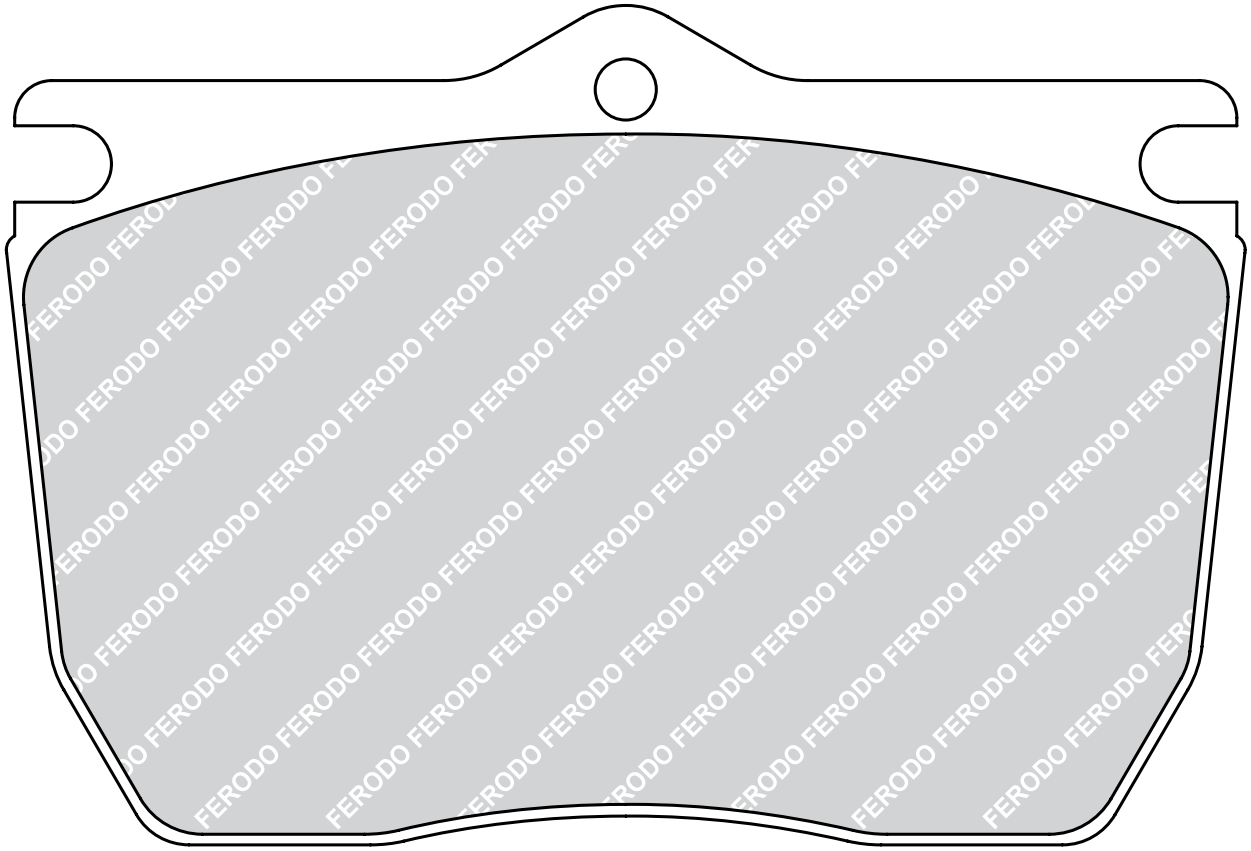
IVECO EuroCargo
RENAULT TRUCKS Midliner/S Series



FCV898 29016

162 111 28 WAB

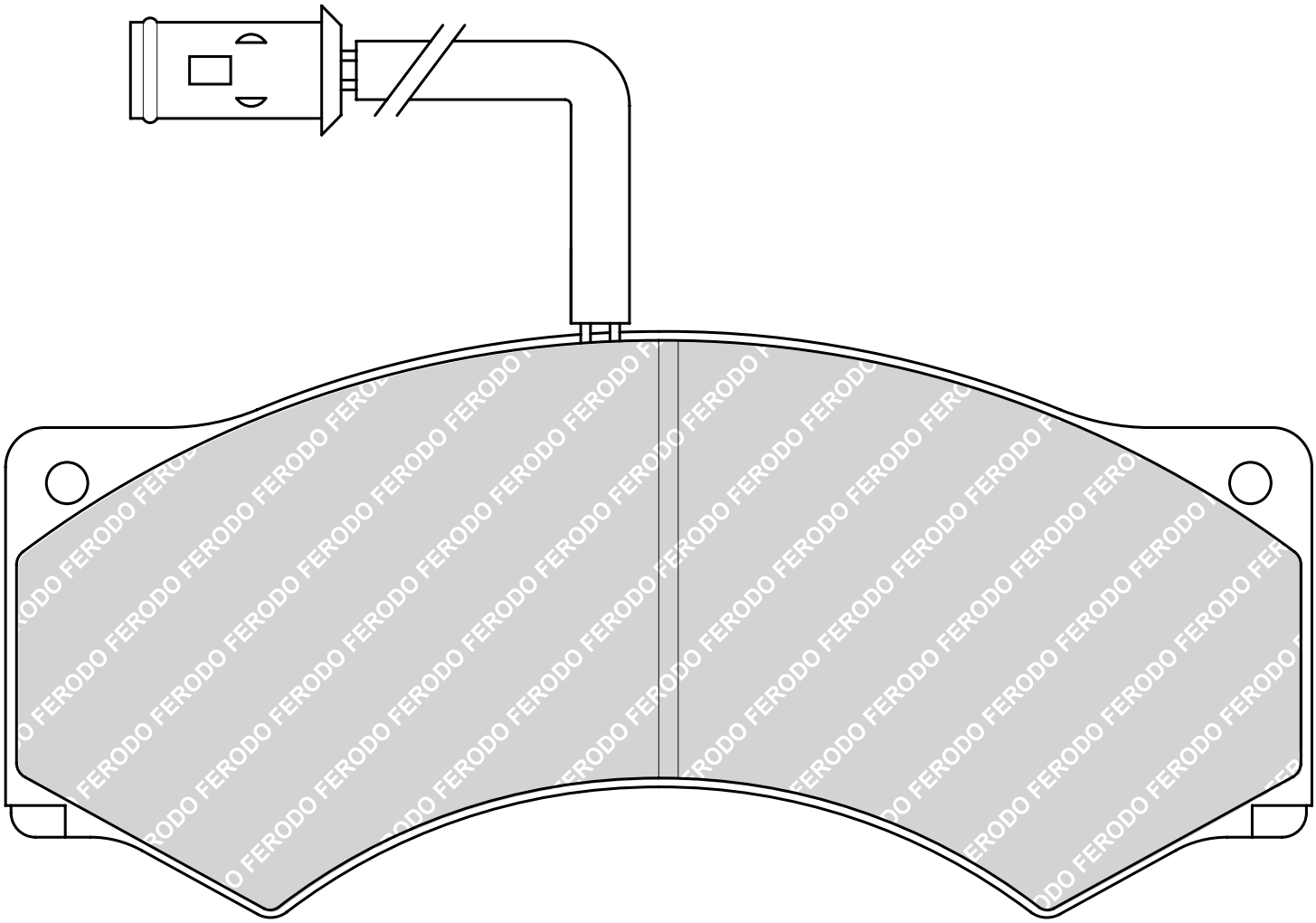
INBUS F140 (Filobus), U210 - S210 - 1330
IRISBUS Iveco 471



FCV952 29029

191 | 87 | 23 | WAB 456 F-Ö | fitted (2)

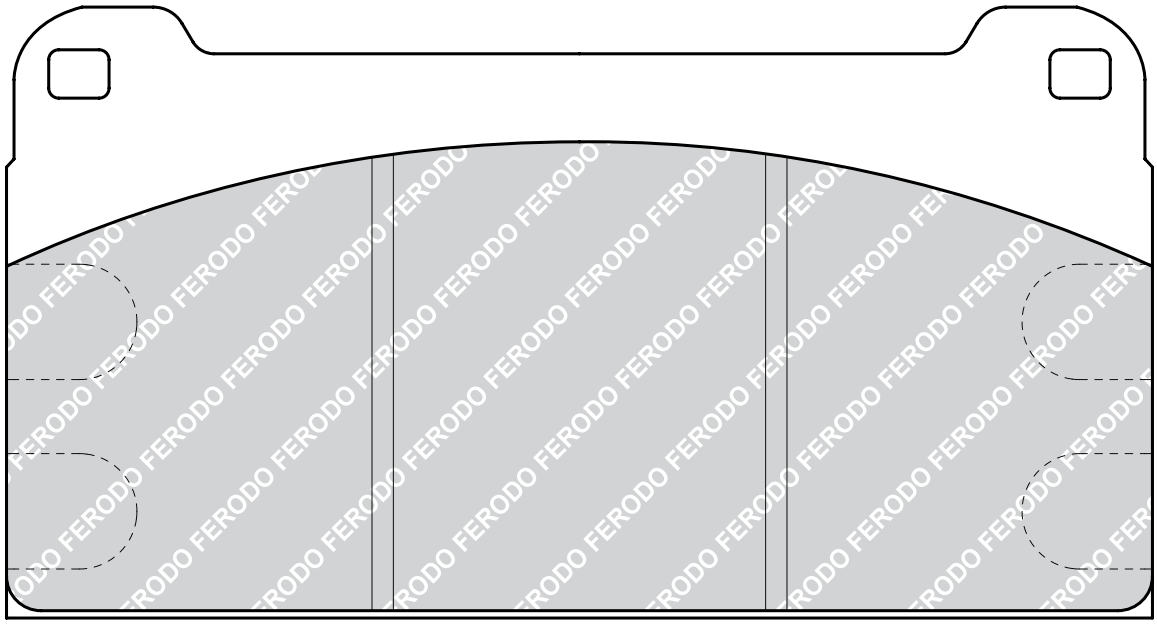
IVECO Z-Series:
PERROT BREMSEN (WABCO) All
WABCO Wabco 456 F-Ö



FCV958 29764

150 | 81 | 20 | Ate | fitted (4)

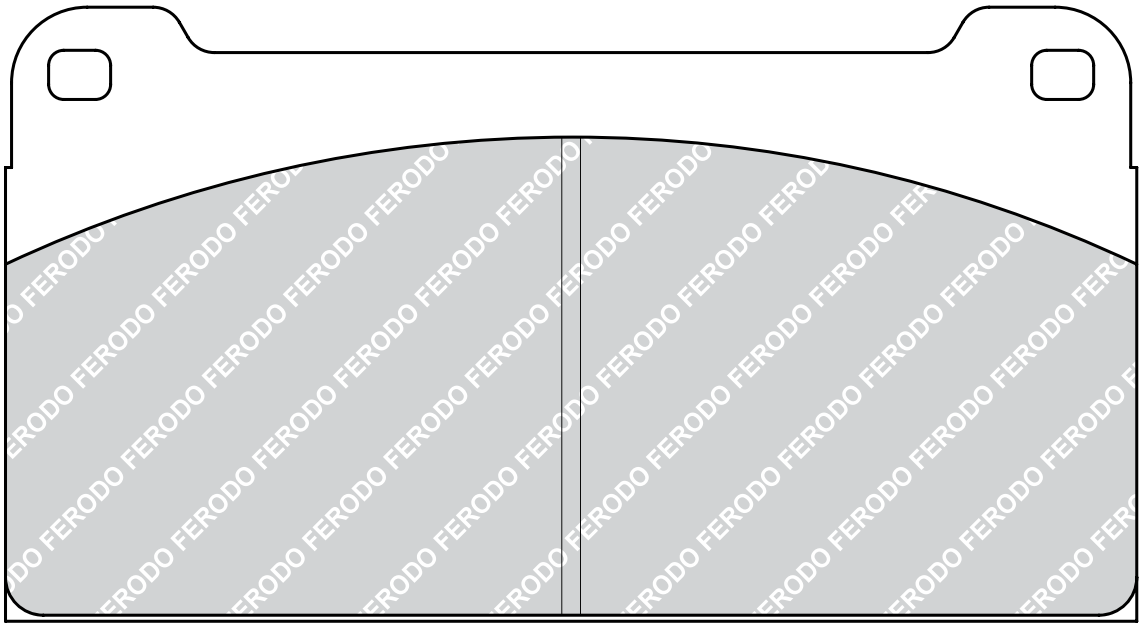
MERCEDES-BENZ Unimog



FCV959 29765

150 | 81 | 20 | Ate | fitted (2)

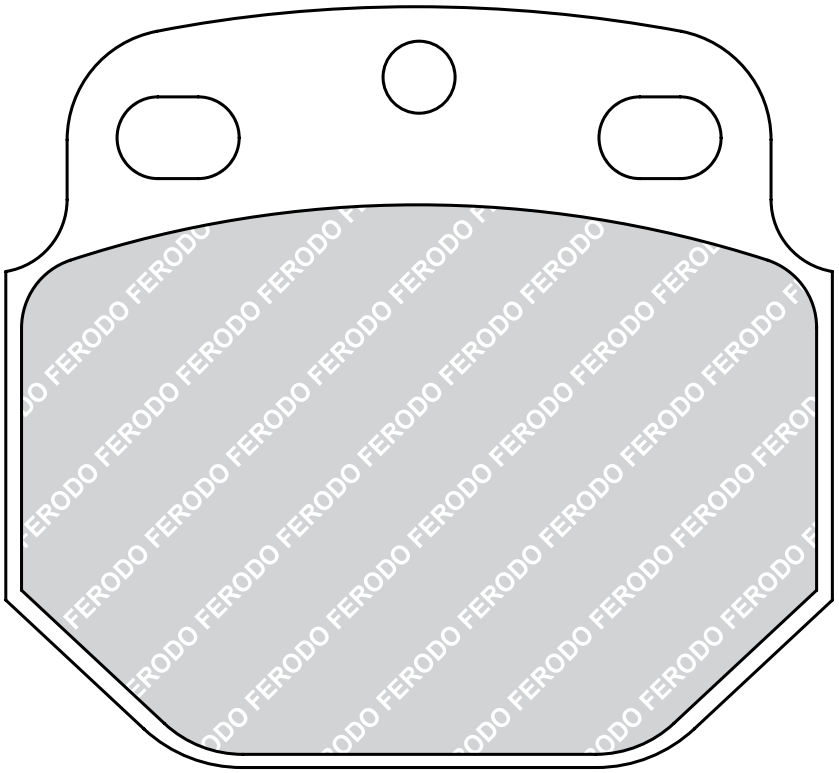
MERCEDES-BENZ Unimog

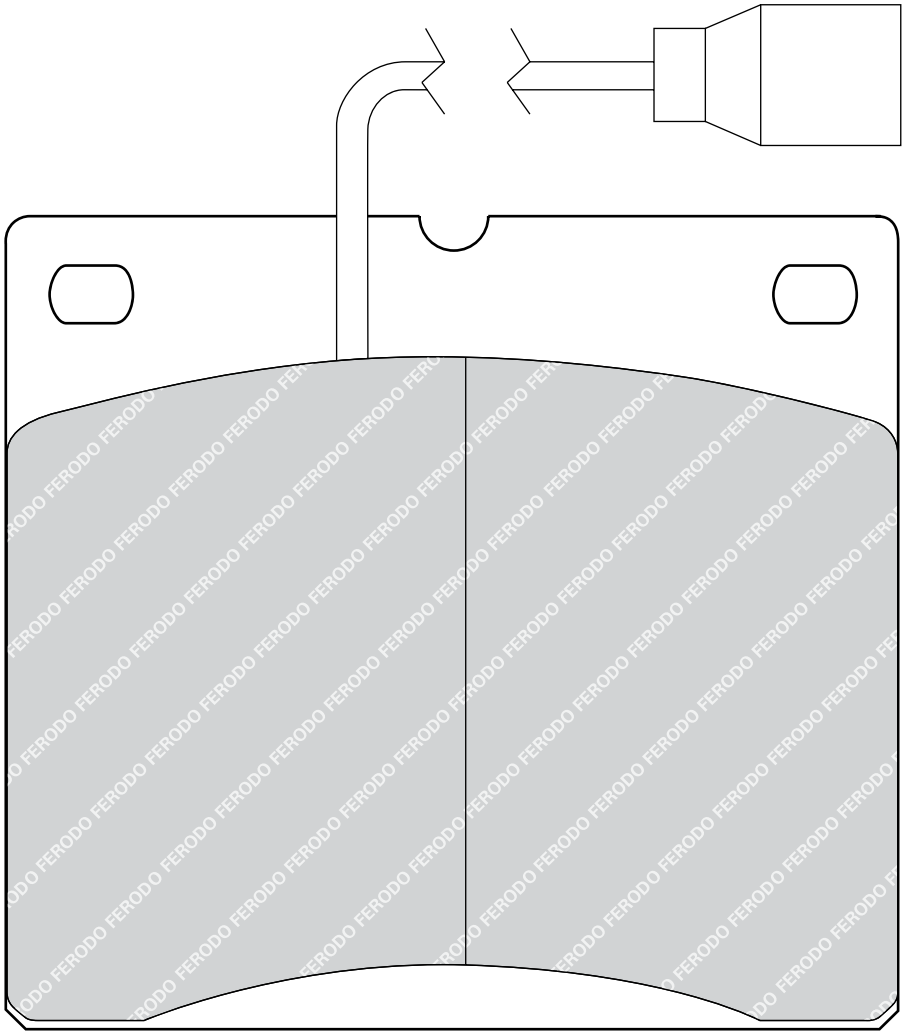


FCV961 29688

110 | 99 | 25 | KNR K 65

IRISBUS Iveco Magirus
KNORR-BREMSE All

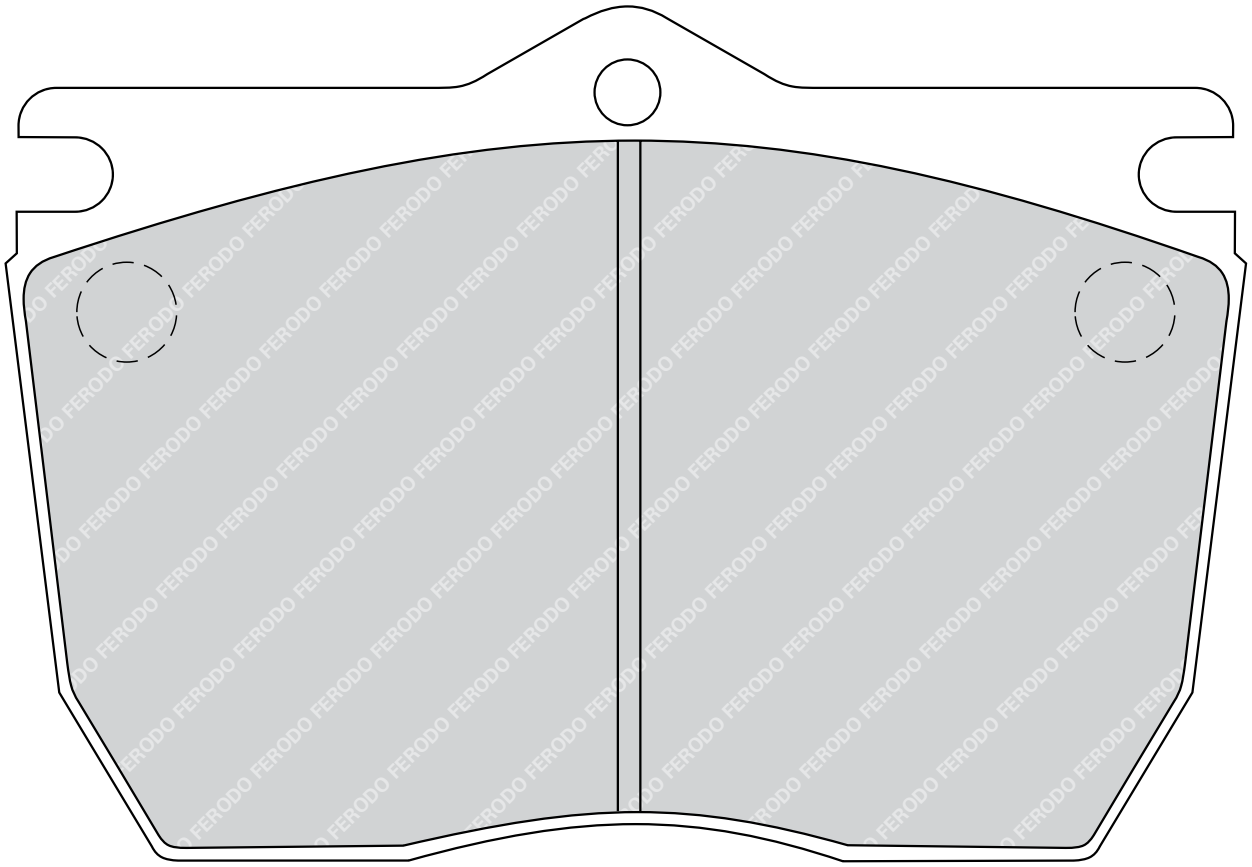




FCV983 29018

162 | 162 | 28 | WAB 485 F-Ö

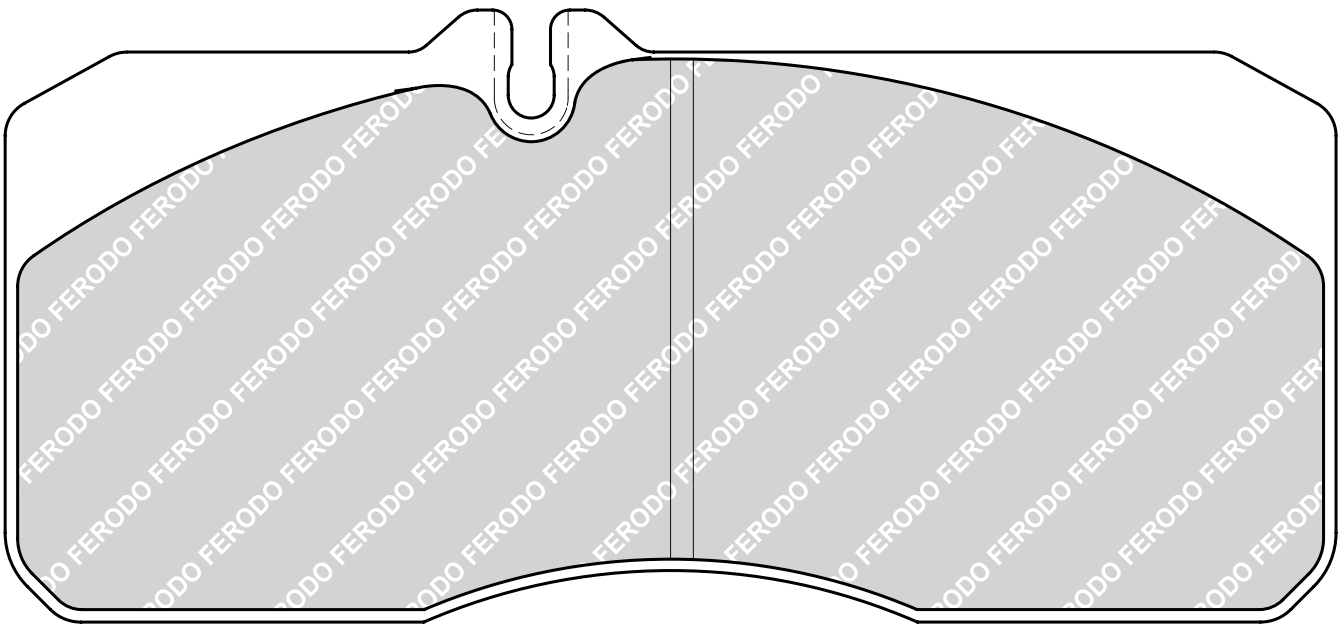
INBUS F140 (Filobus), U210 - S210 - 1330
IRISBUS Iveco 480/580, Iveco 490
PERROT BREMSEN (WABCO) All
WABCO Wabco 485 F-Ö



FCV987 29055

176 | 83 | 22 | WAB 1000 V-G

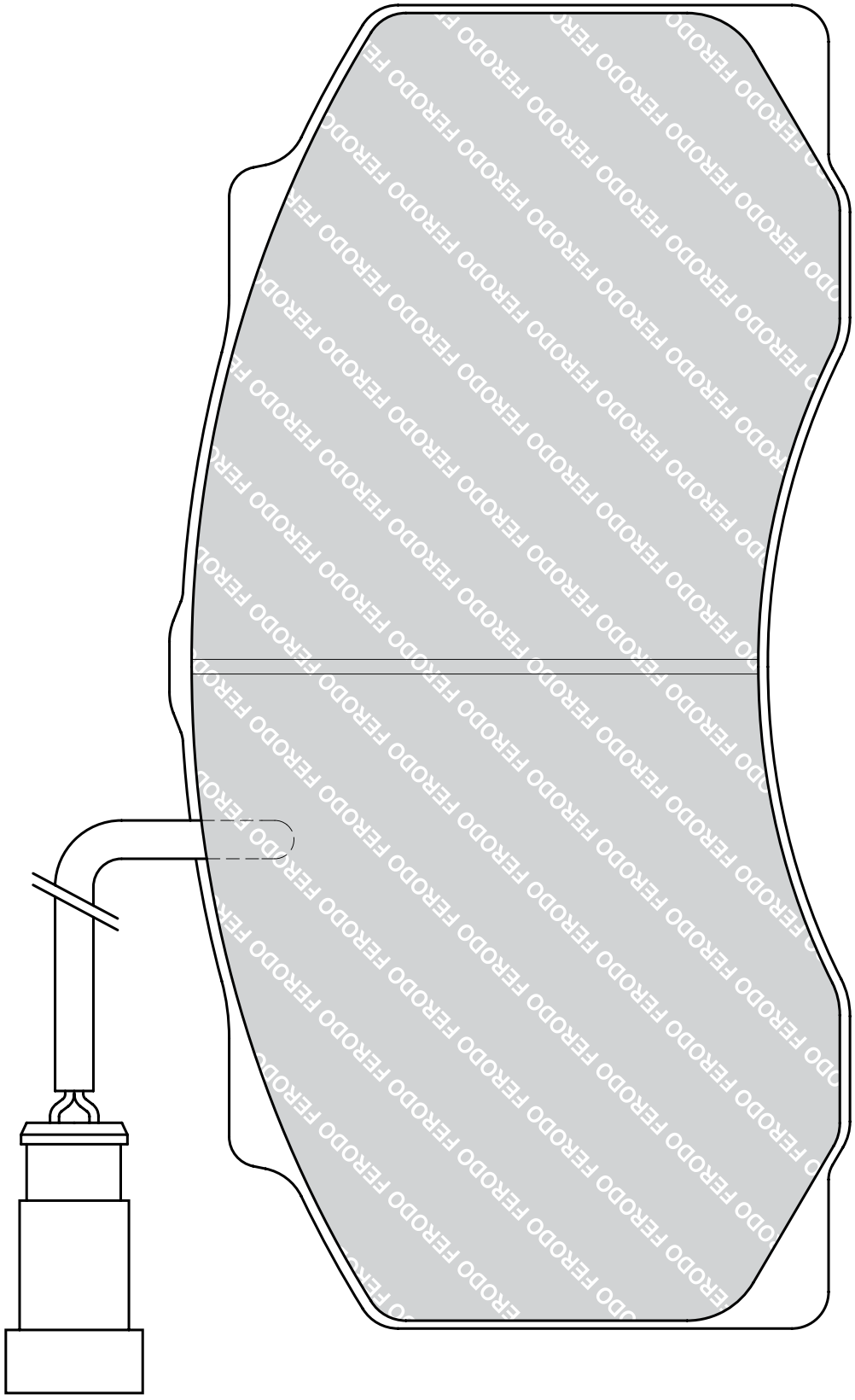
MAN L2000 Series:
NEOPLAN All, Metroliner:
PERROT BREMSEN (WABCO) All
WABCO Wabco 1000 V-G



FCV1042 29077

205 | 106 | 27 | WAB 1600 V-G | fitted (2)

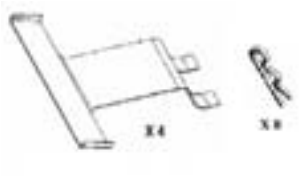
DAF F 50 Series, F 55 Series
PERROT BREMSEN (WABCO) All
WABCO Wabco 1600 V-G

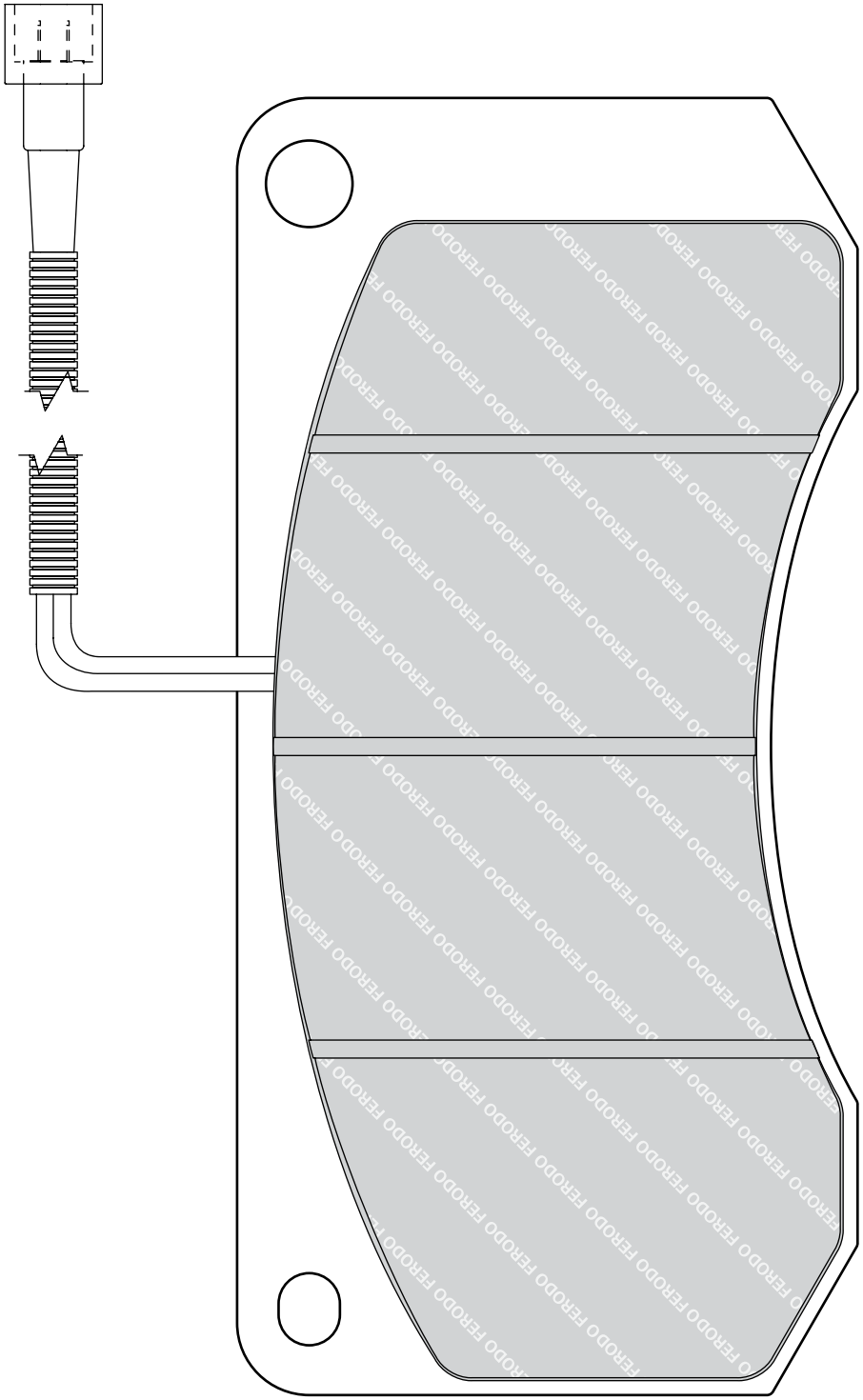


FCV1046 29097

180 | 86 | 21 | S.E.E. 2 x 67 | fitted (4)

RENAULT TRUCKS Midliner/C Series, Midliner/M Series, Midliner/S Series

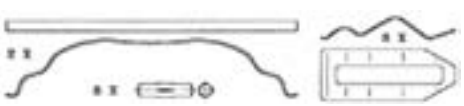


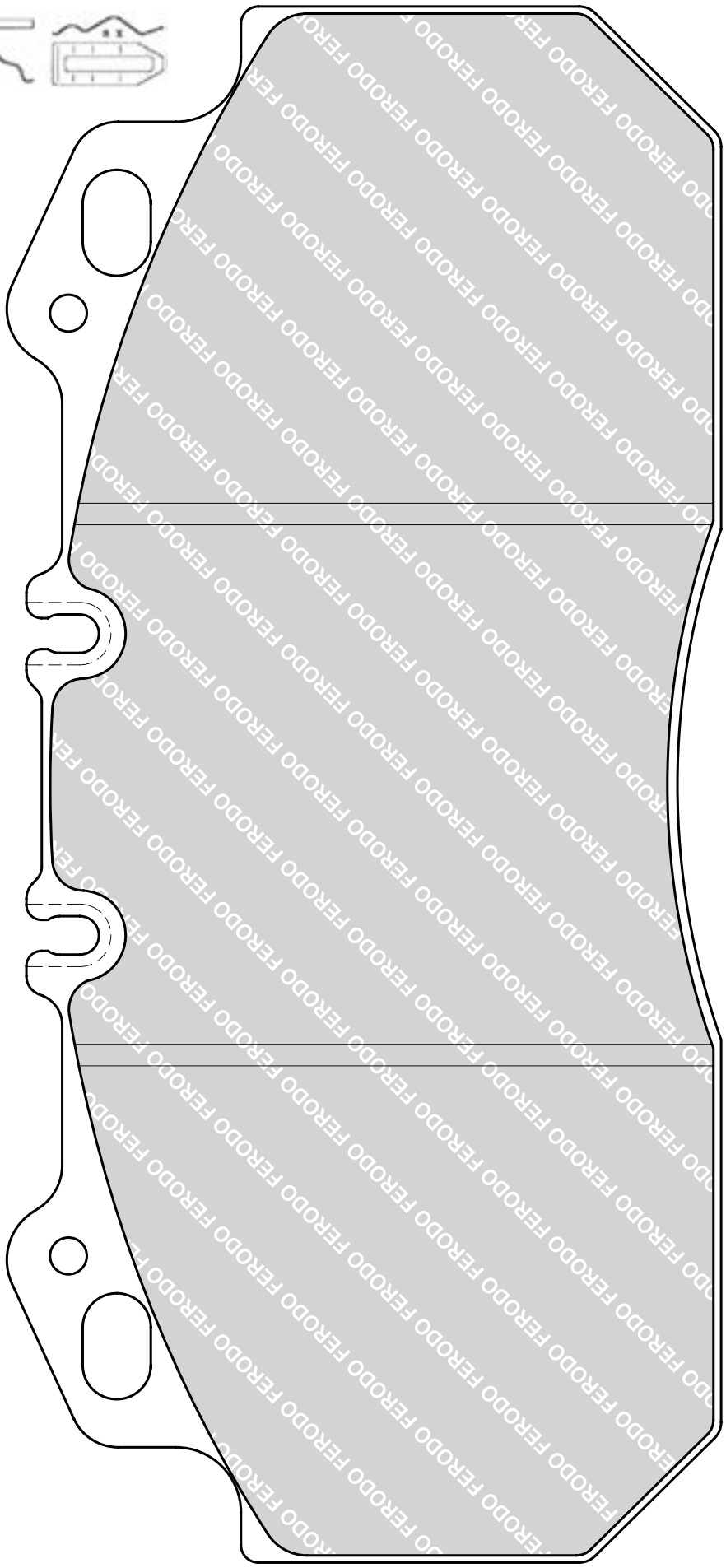


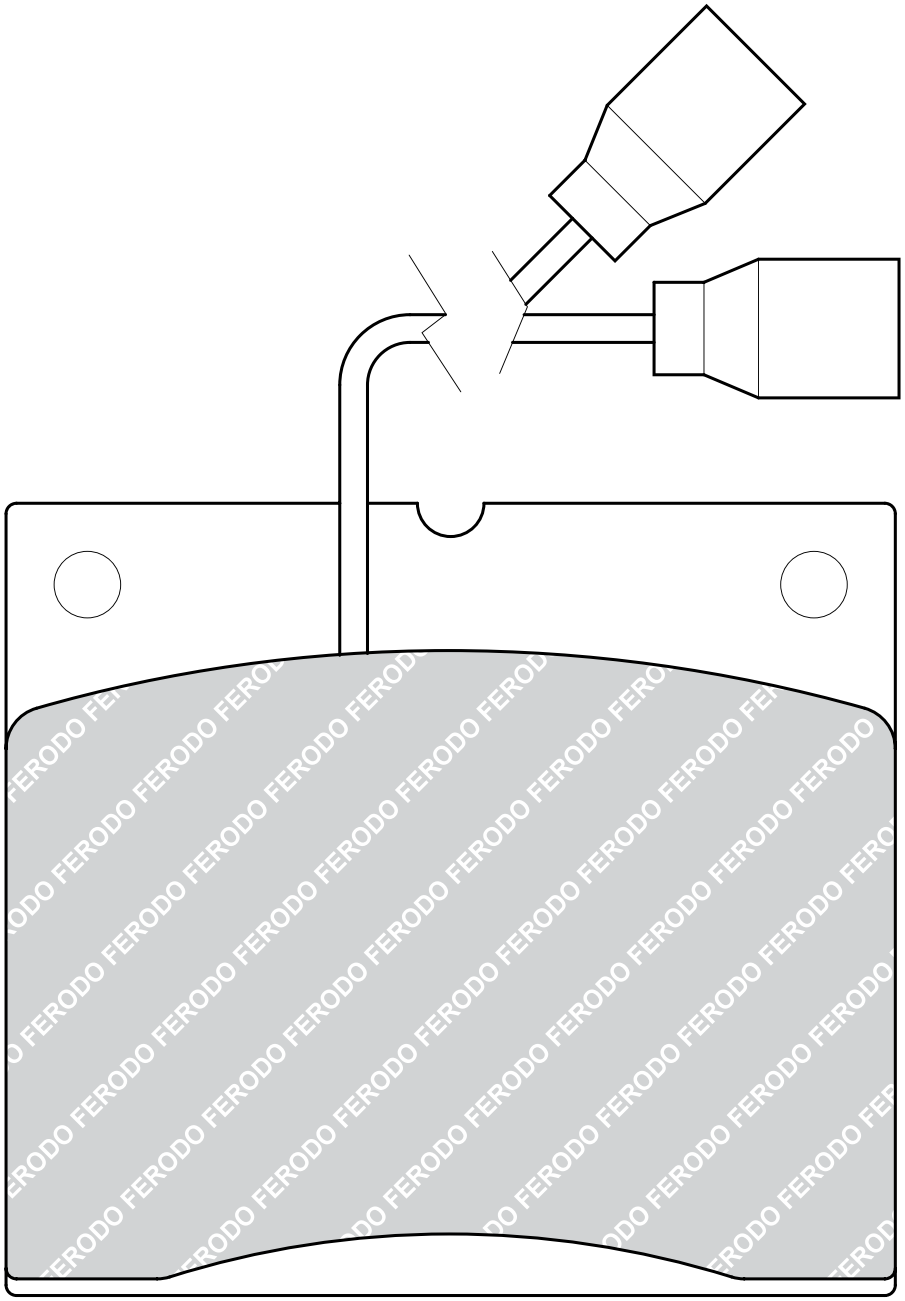
FCV1047B 29090

250 | 114 | 28 | MER D-LISA | *

DENNIS Eagle, Elite, Fire Engines **MERITOR** All
RENAULT TRUCKS Magnum/AE Series, Premium Distribution, Premium Route



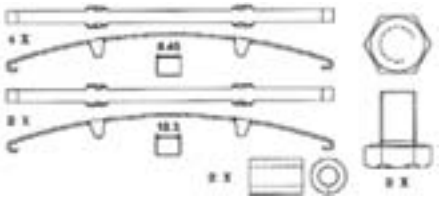


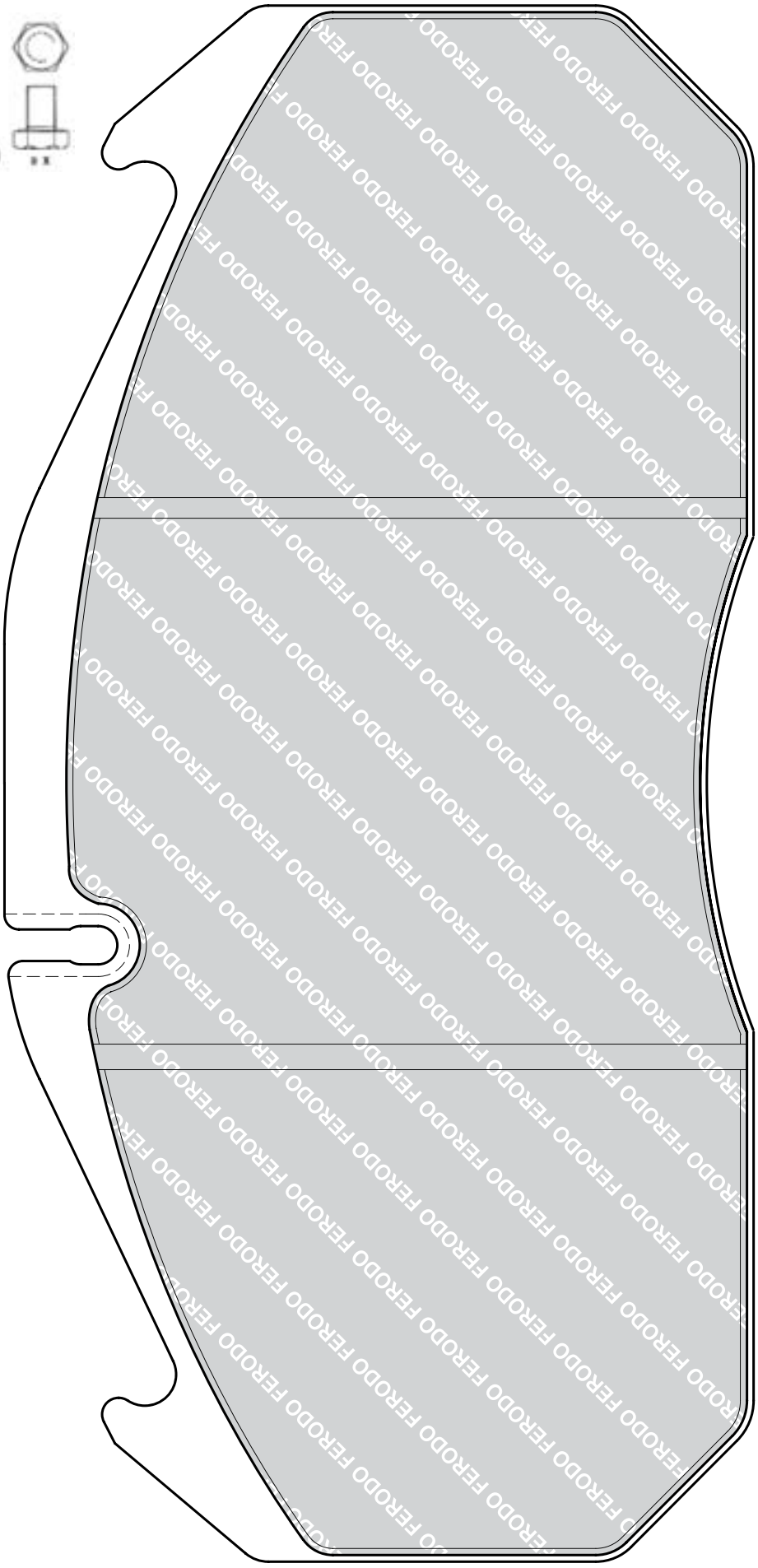

FERODO

FCV1086B 29084

250 118 30 MER D3

MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)
MERITOR All



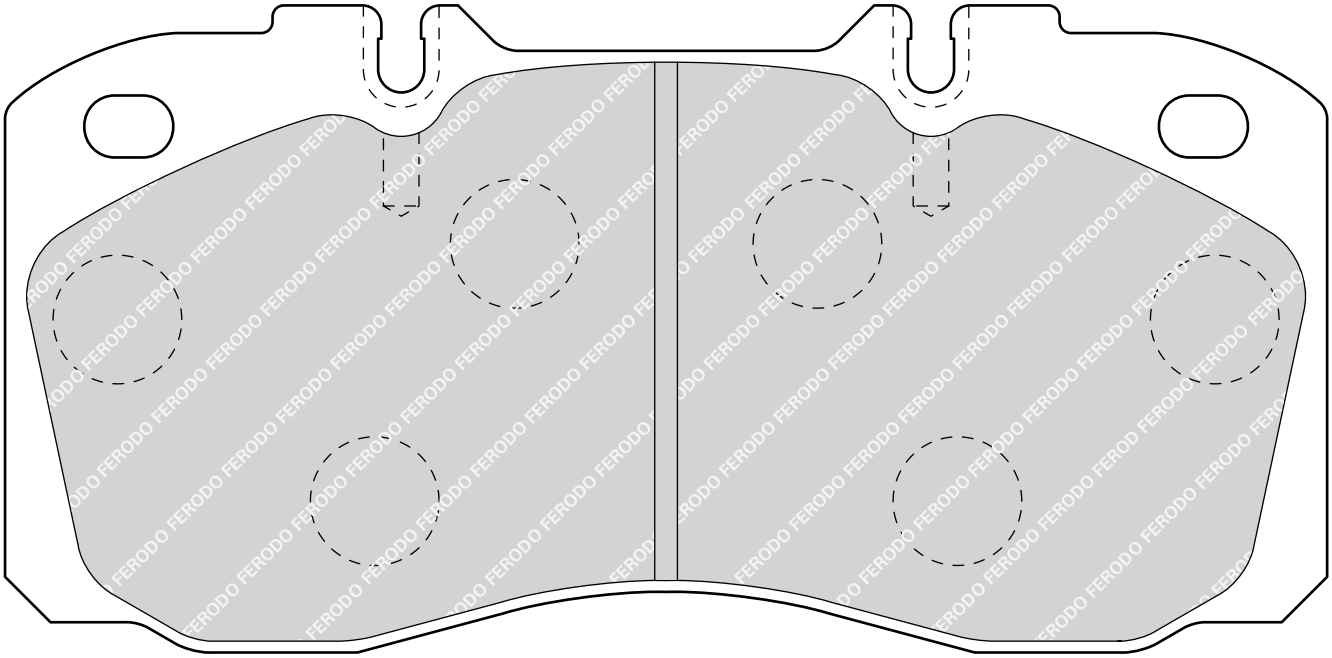


FERODO

FCV1126 29122

175 86 22 BRE 2 x 68

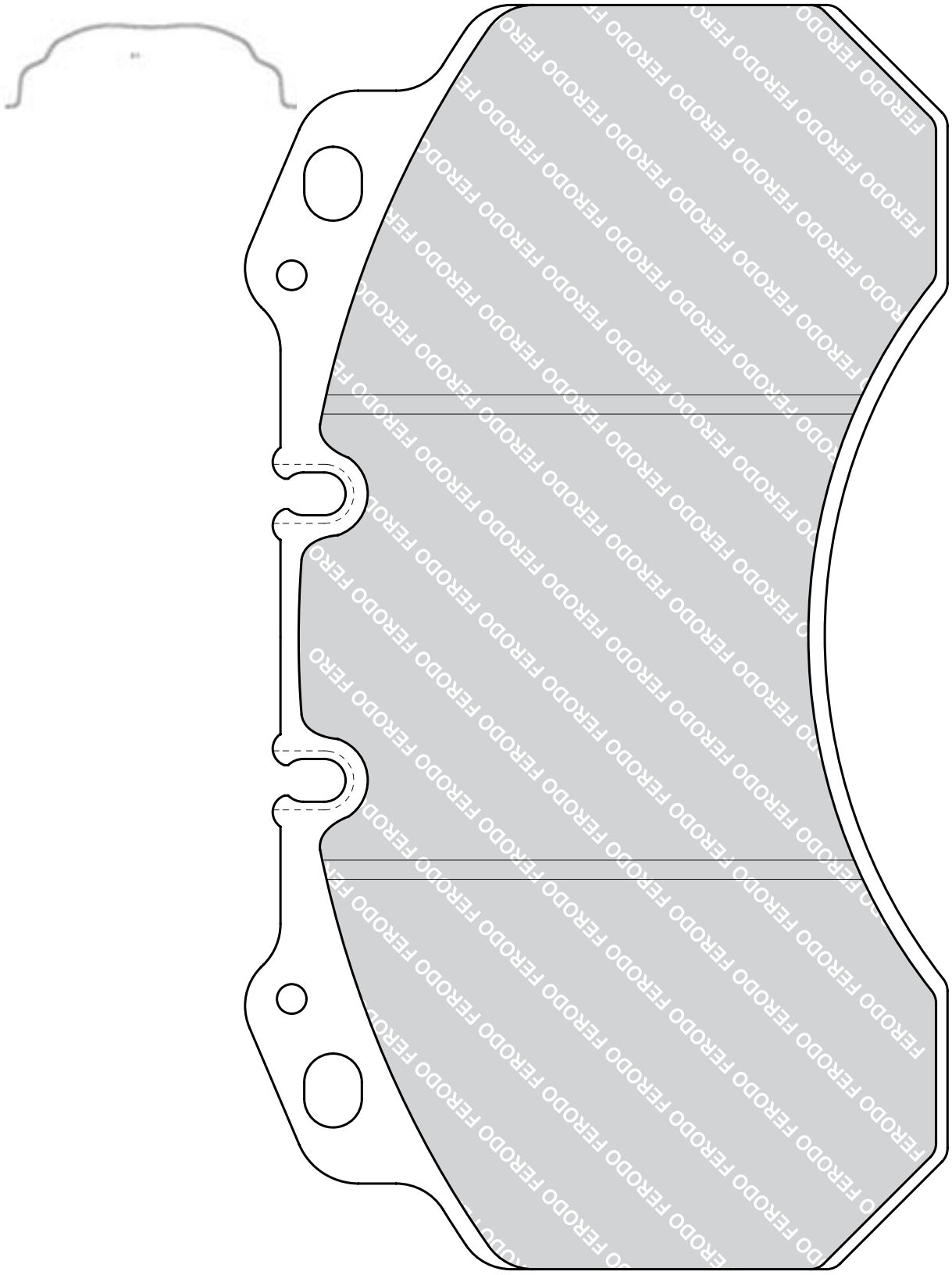
IVECO Cargo Plus, EuroCargo, EuroCargo Tector



FCV1159B 29099

214 112 25 MER C-LISA

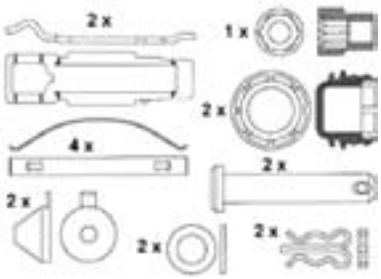
MERITOR All
NISSAN Eco-T / Atleon Range

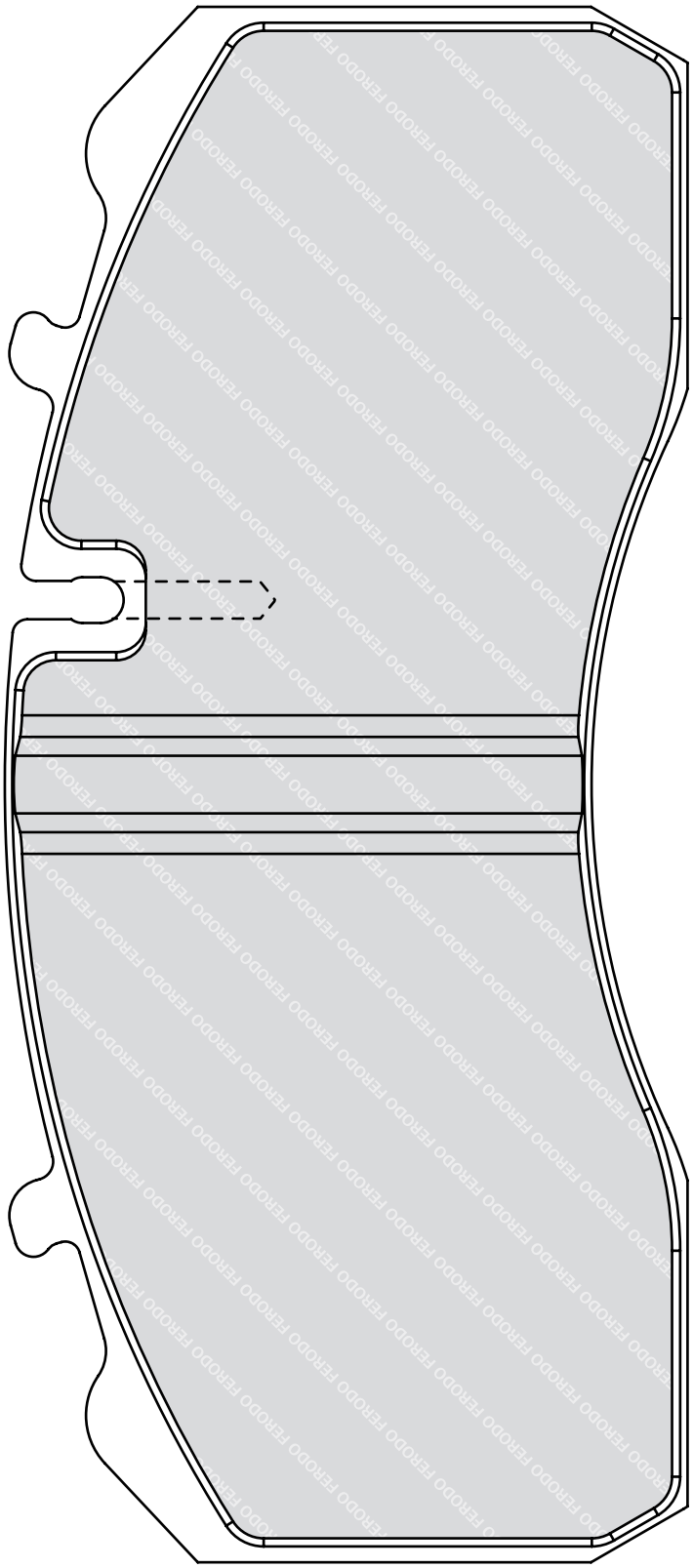


FCV1275BFE 29197

211 93 30 KNR SB/SN6...

BOVA Futura (3-Axle)
DAF SB200
DISCOS Trailer
ERNST AUWÄRTER Clubstar
GIGANT GROUP SMB
IRISBUS Iveco Midway
IVECO EuroCargo, EuroCargo Tector
KNORR-BREMSE All
MAN Chassis
MERCEDES-BENZ Atego I, Tourino (O 510)
SOR SOR 9.5, SOR 10.5
VAN HOOL All

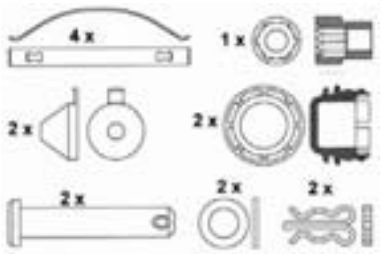


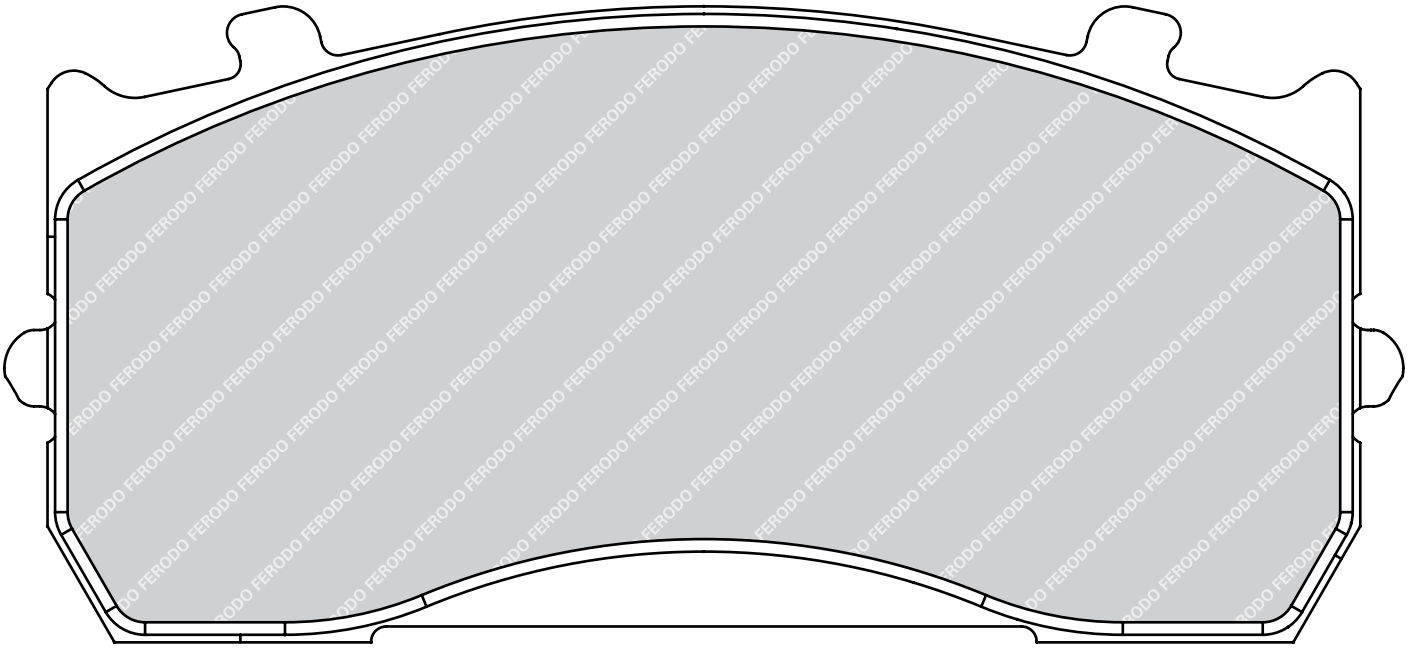


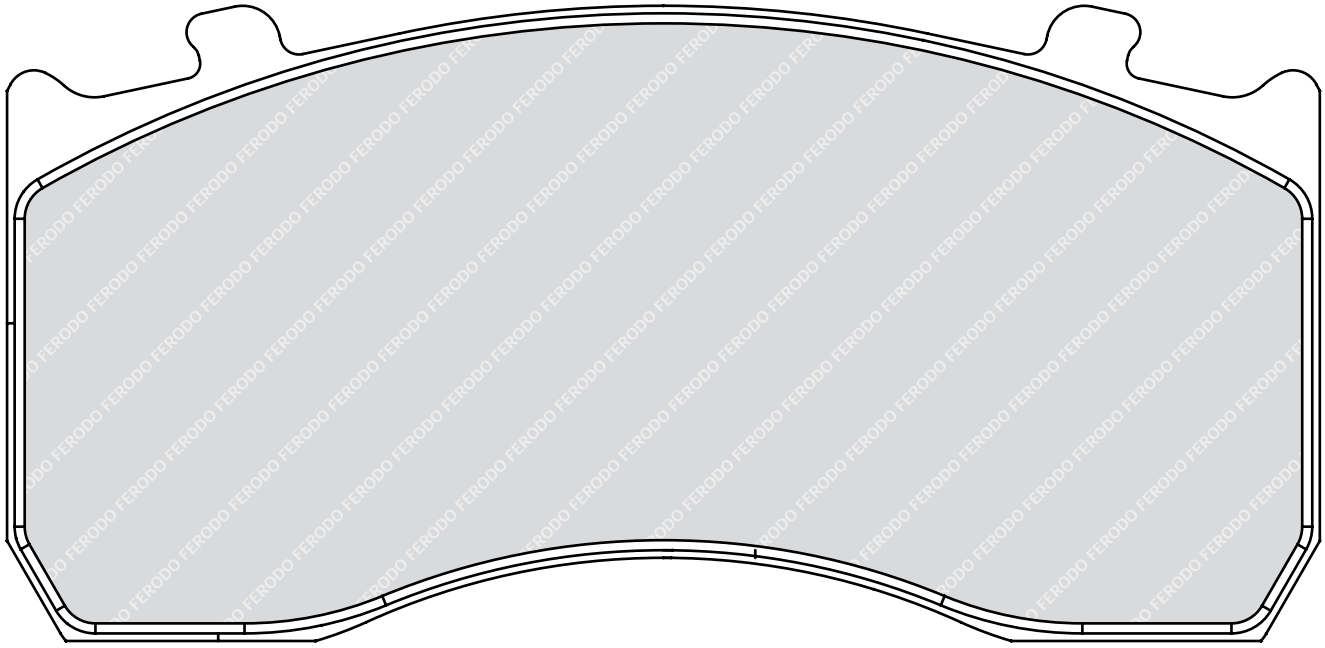
FCV1277BFE 29183

185 | 84 | 27/34 | KNR SB/SN5...

DENNIS Fire Engines
DISCOS Trailer
GIGANT GROUP Trenkamp & Gehle
KNORR-BREMSE All
MAN TGL Series
MERCEDES-BENZ Atego I



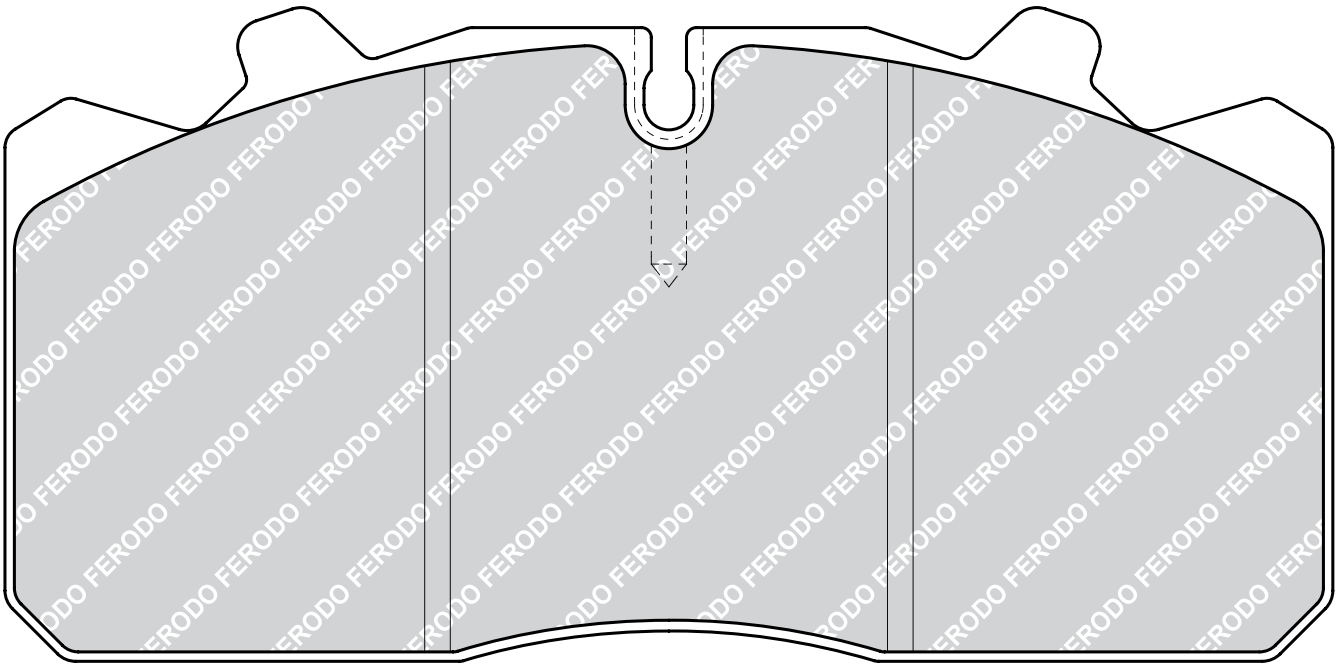




FCV1279 29088

176 | 83 | 26 | WAB PAN 17

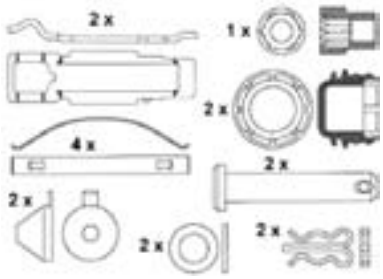
BMC 1100 Falcon
DAF LF 45
OPTARE Solo
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series
WABCO PAN17

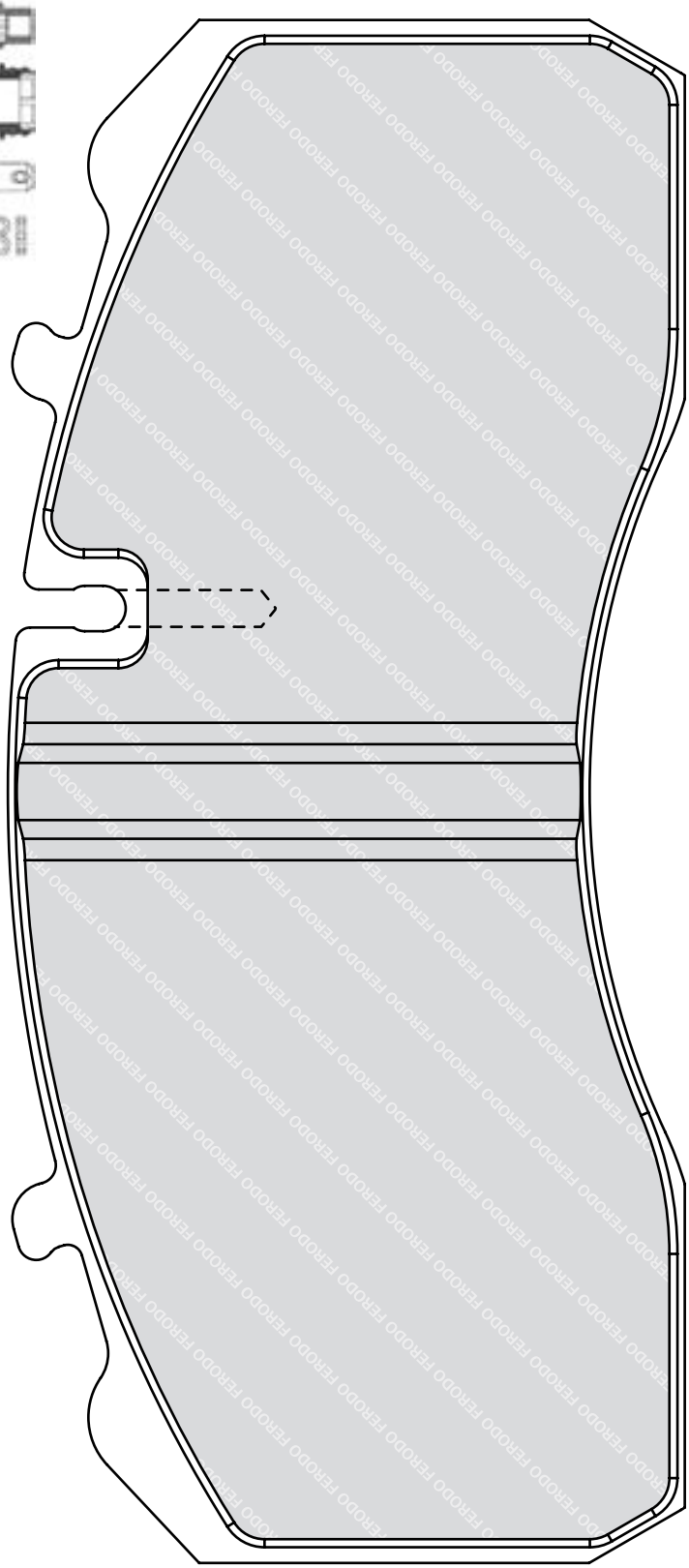


FCV1329BFE 29197

211 93 30 KNR SB/SN6...

BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), Trenkamp & Gehle
GRANNING LYNX All
KNORR-BREMSE All
SAF All

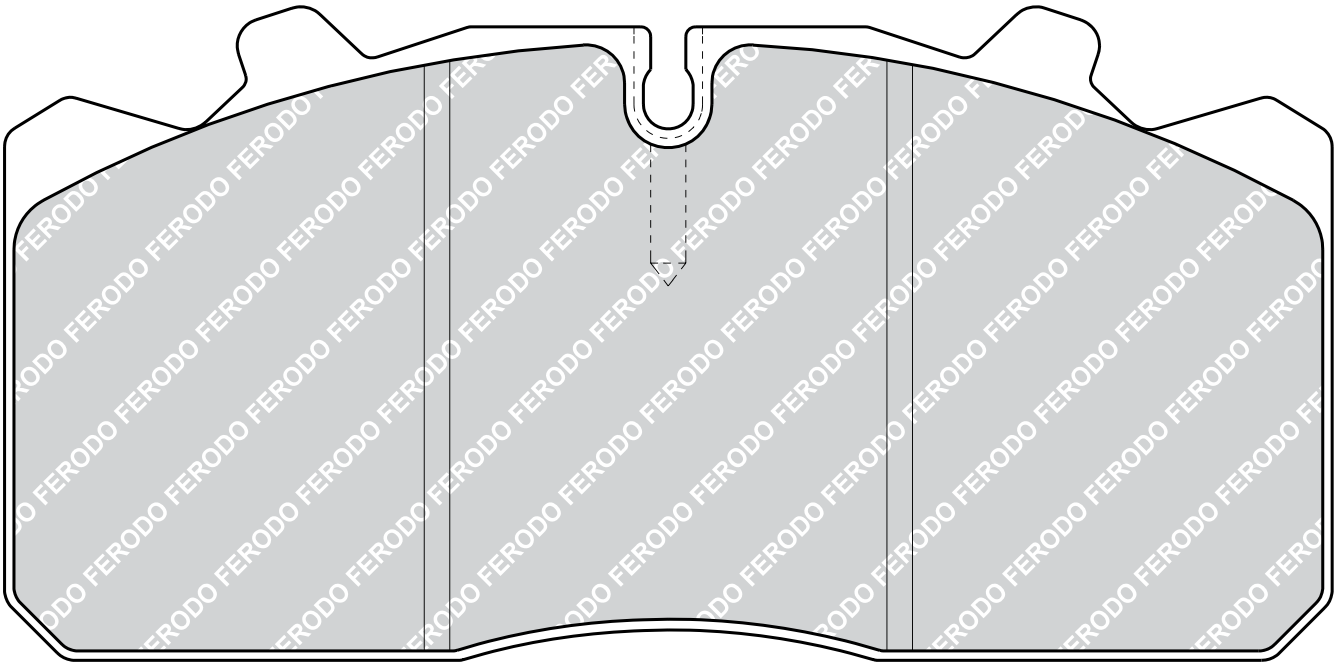




FCV1354 29088

176 | 83 | 26 | WAB PAN 17

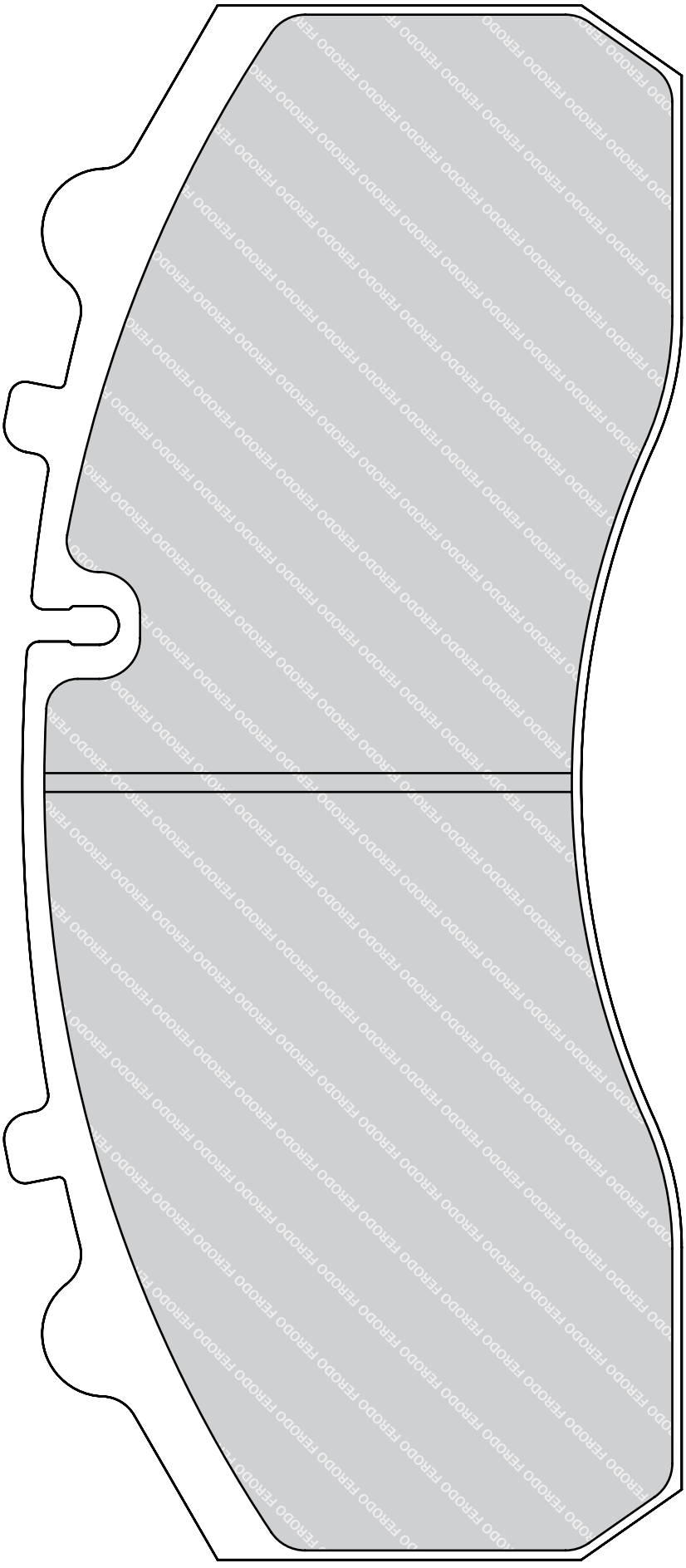
IVECO EuroCargo, EuroCargo Tector
PERROT BREMSEN (WABCO) All
WABCO PAN17



FCV1366 29154

248 108 30 WAB PAN 22

BENALU All **CRANE FRUEHAUF** All **GIGANT GROUP** S.A.E. (Dupillier), SMB
PERROT BREMSEN (WABCO) All **SAF** All **WABCO** PAN22

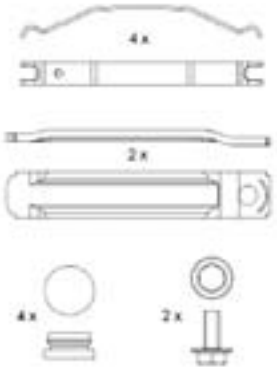


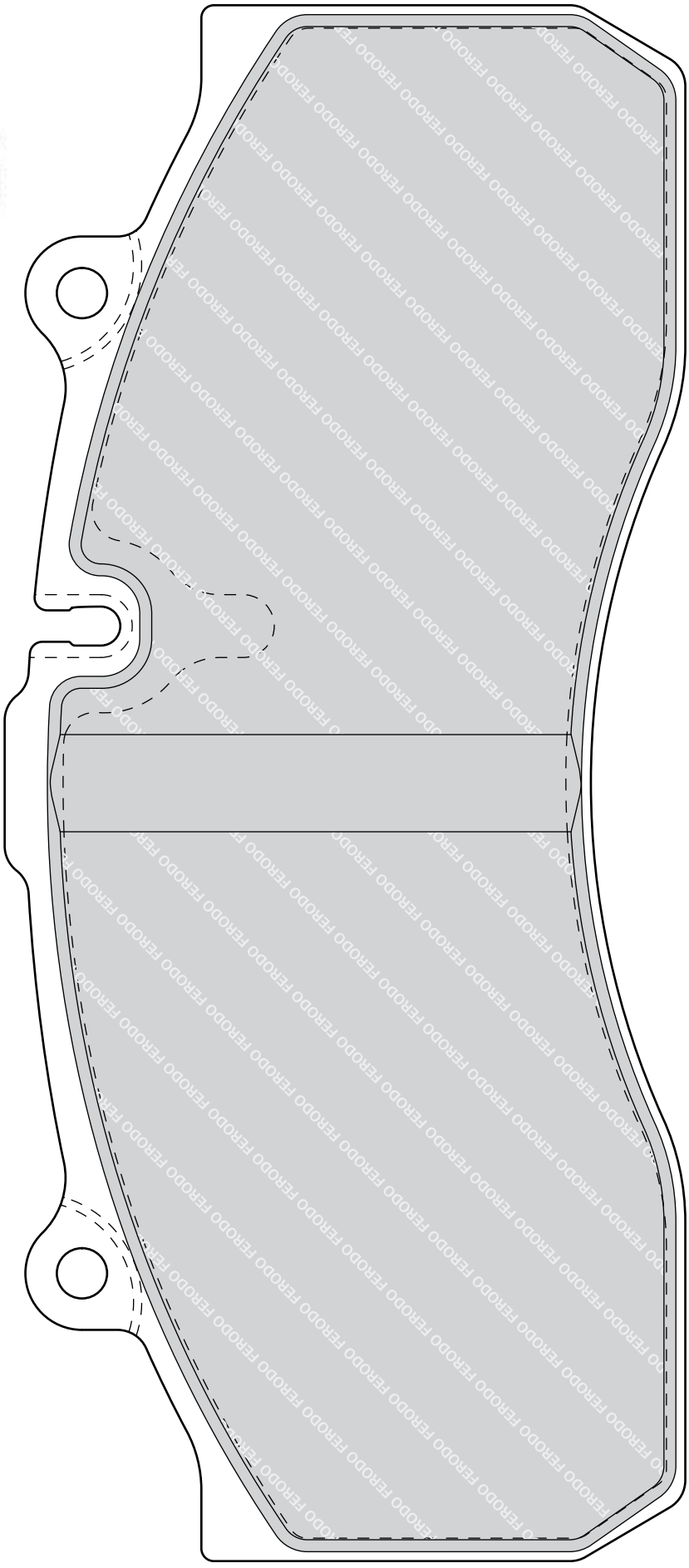
FERODO

FCV1367B 29143

248 105 30 HAL DB22

CRANE FRUEHAUF All **DISCOS** Trailer **GIGANT GROUP** S.A.E. (Dupillier), SMB
HALDEX MKIV, ModulX **SAF** All

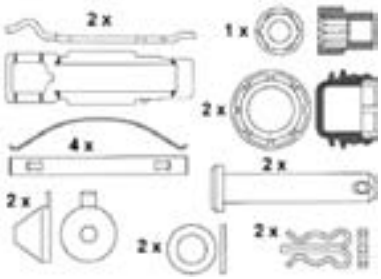


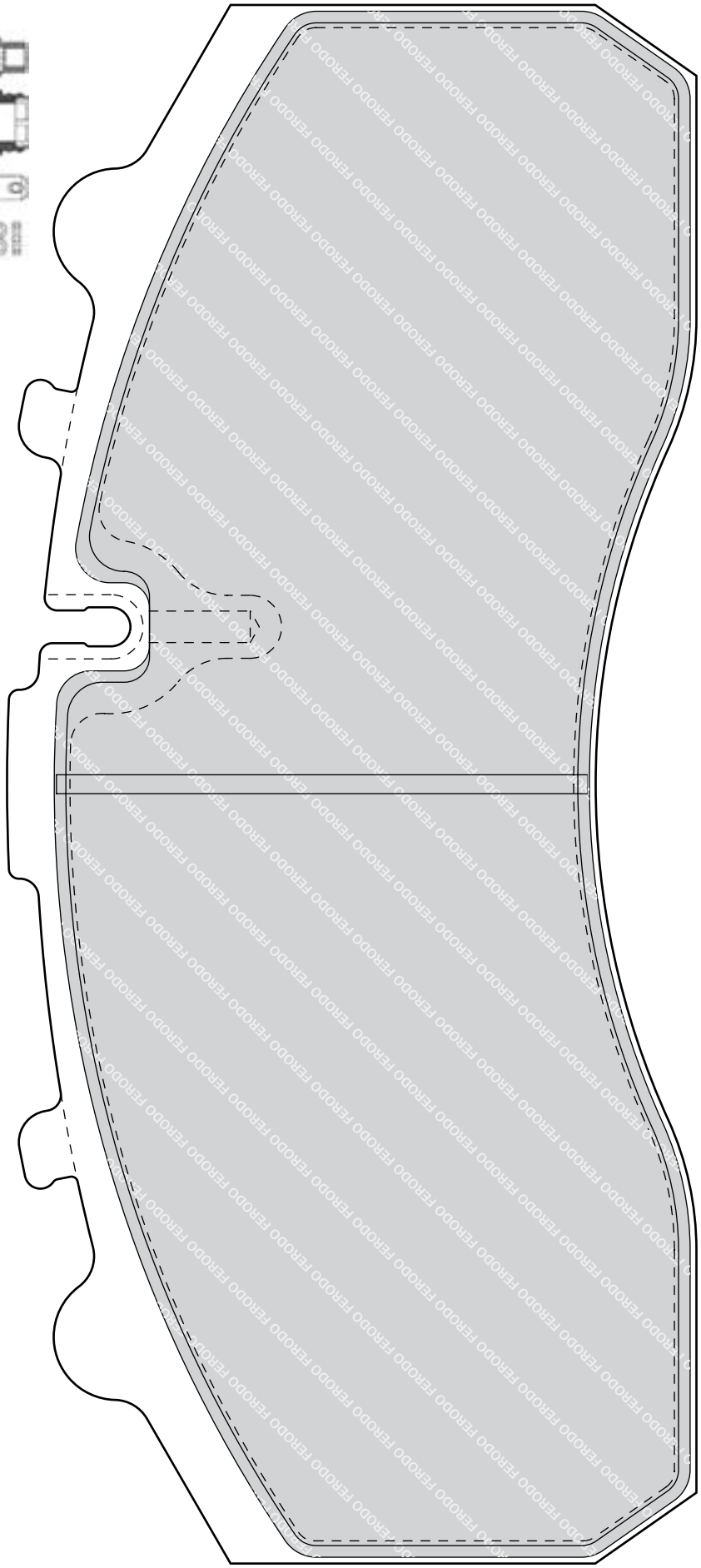


FCV1373BHD 29179

248 109 30 KNR SB/SN7

DAF 65 CF Series, 75 CF-Series, 85 CF-Series, LF 55, XF 95, XF105

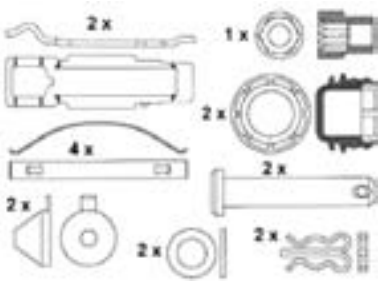


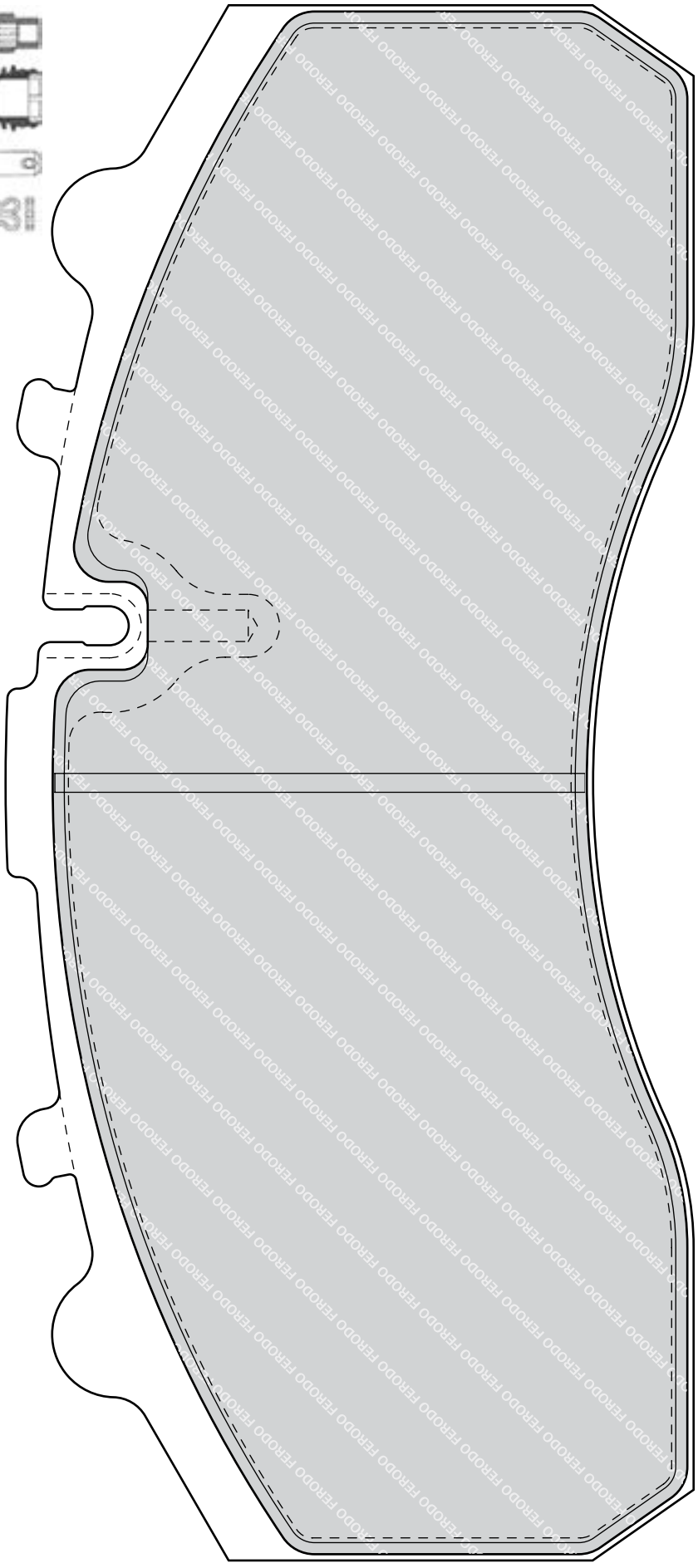


FCV1373DFE 29179

248 109 30 KNR SB/SN7....

KNORR-BREMSE All
SCANIA 4-Series, G, P, R, T-Series:

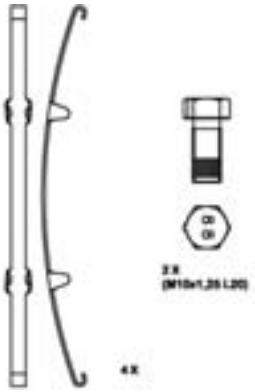


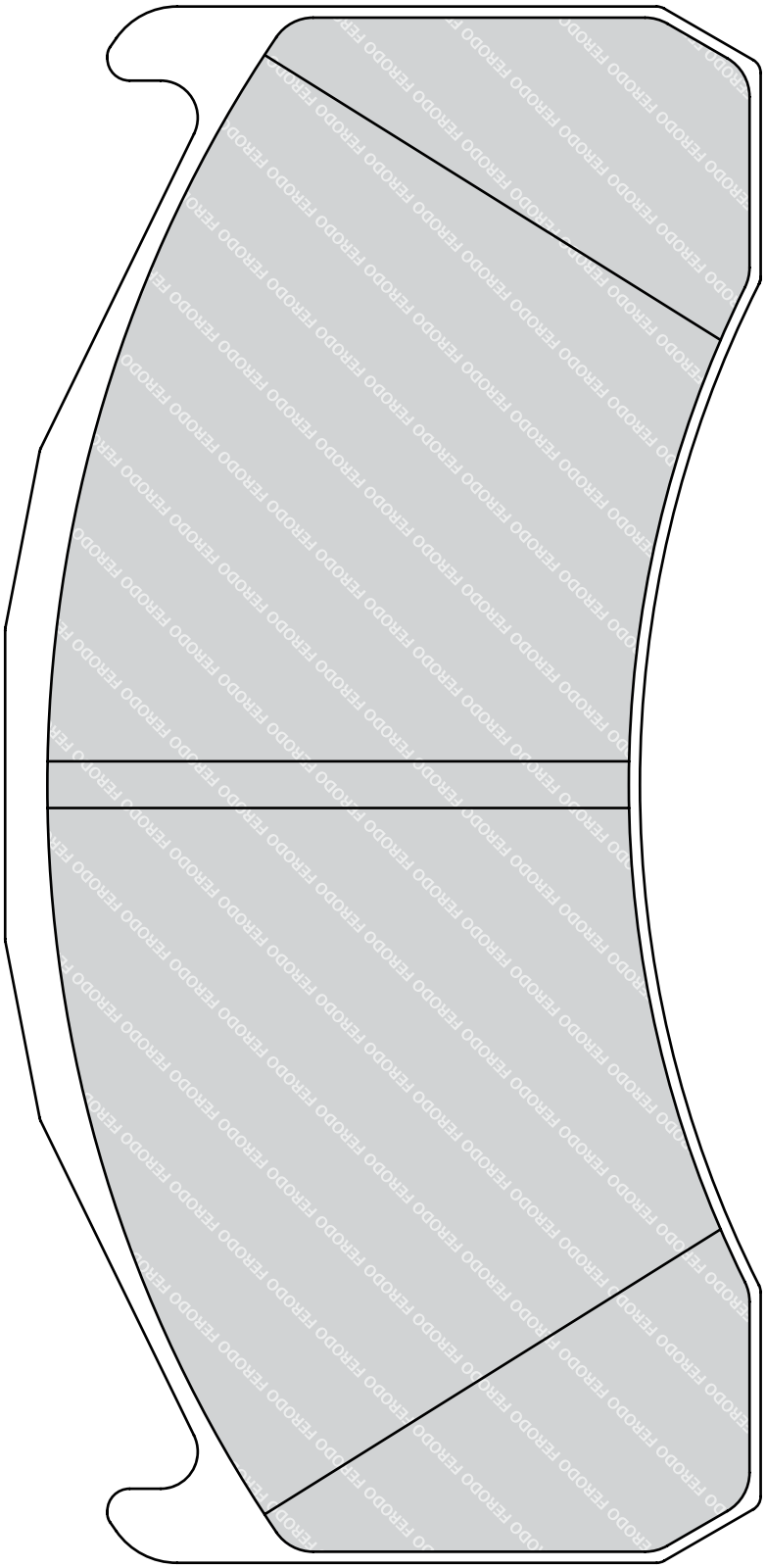


FCV1387B 29137

210 | 102.4 | 29 | MER C- DUCO

MERITOR All
SOR SOR 9.5, SOR 10.5
VOLVO FL 6-Series:

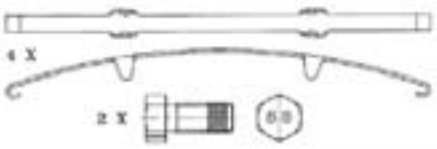


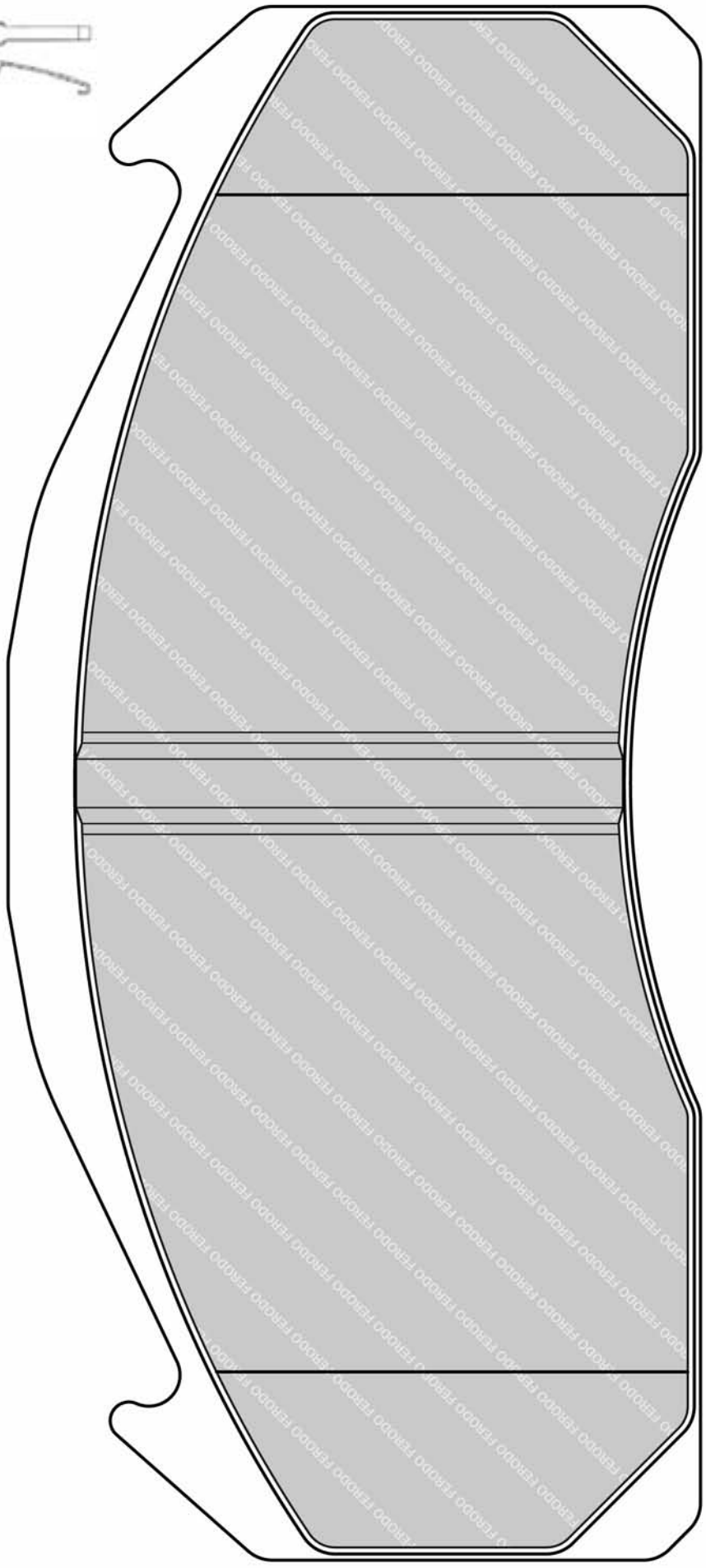


FCV1388B 29125

250 111 29 MER D-DUCO

MERITOR All
VOLVO FH-Series:, FL 6-Series:, FLE, FM Series

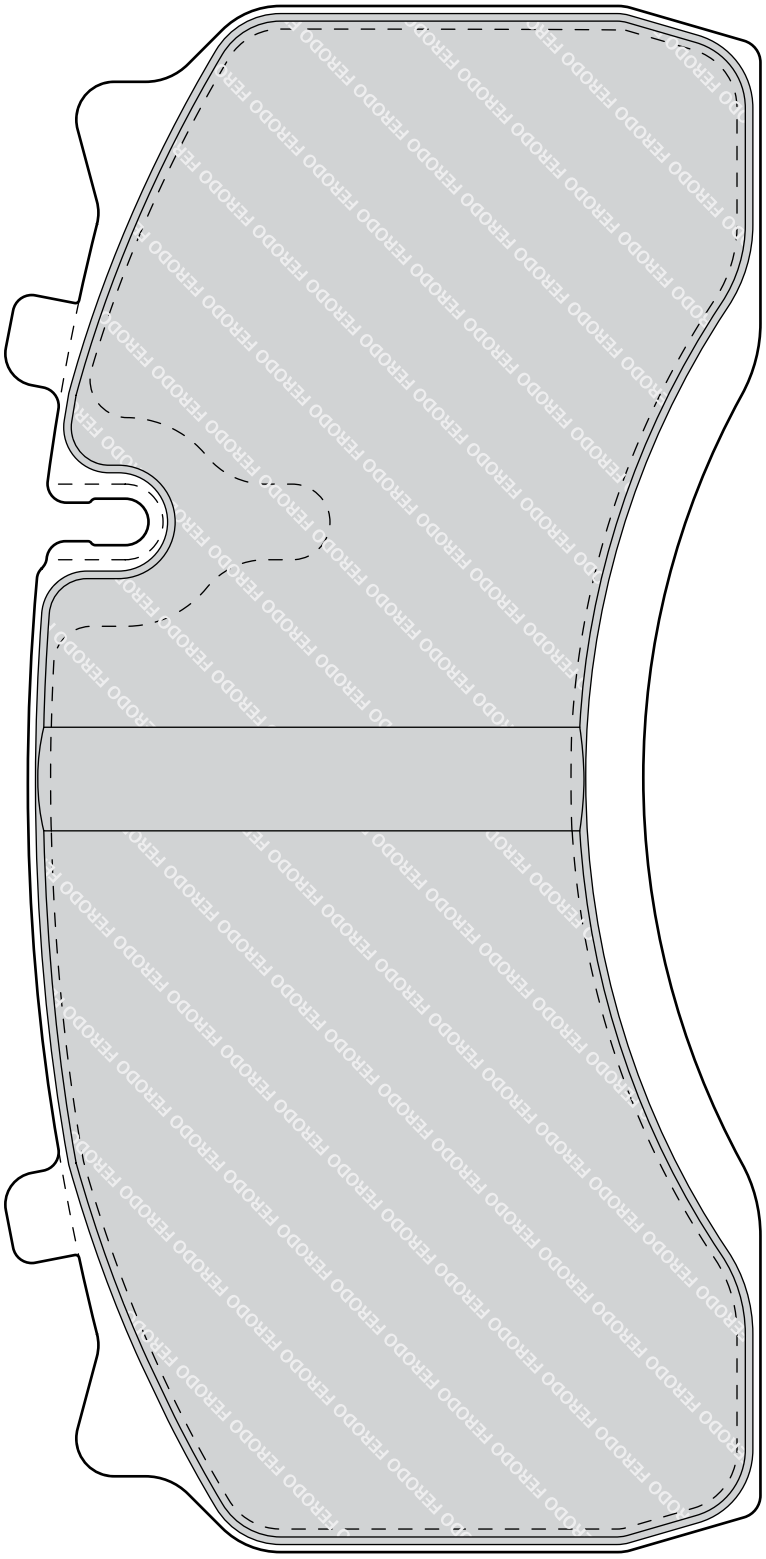




FCV1389 29142

204.6 | 99.6 | 30 | WAB PAN 19-2

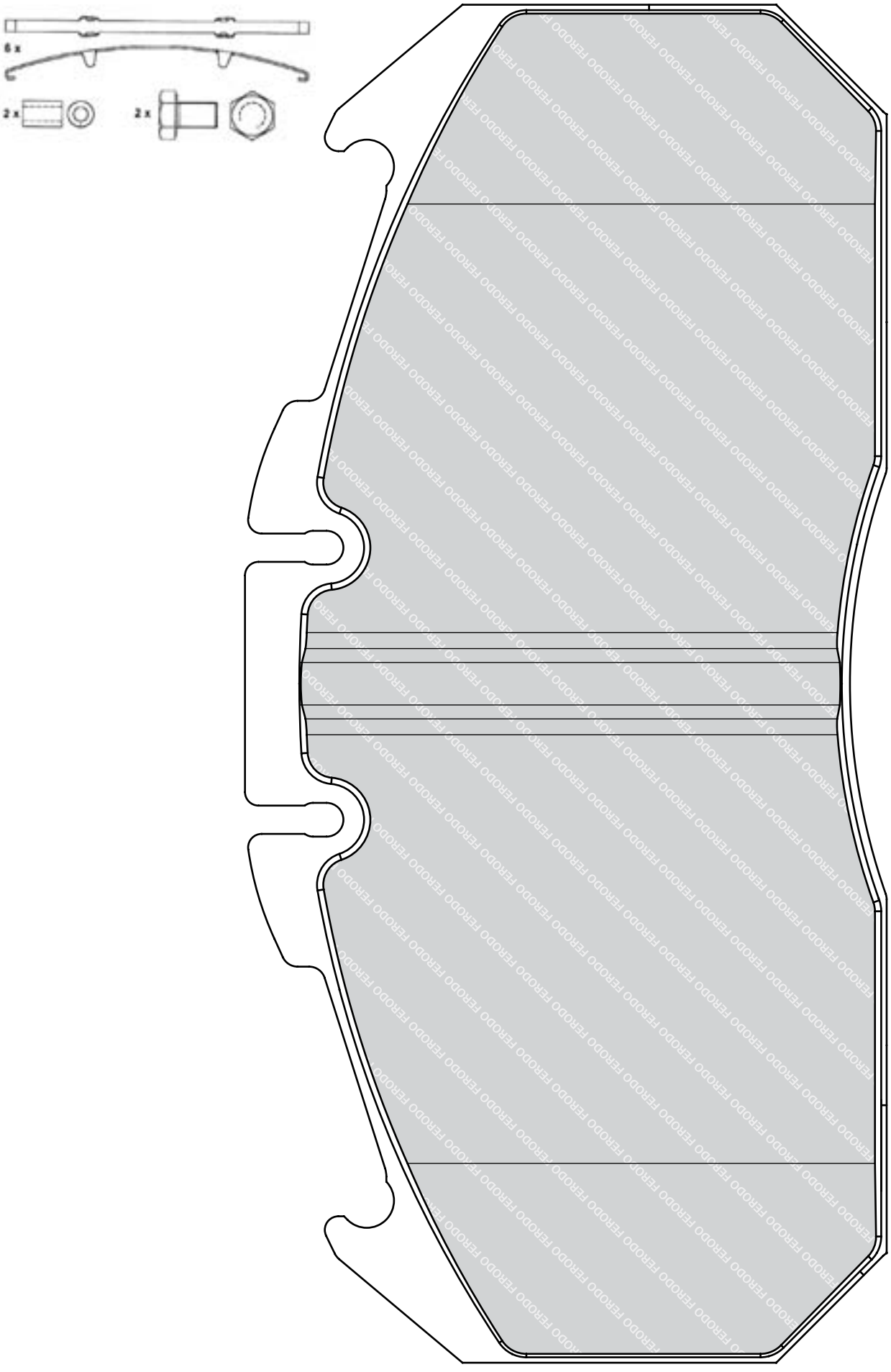
DAF LF 55
RENAULT TRUCKS Midlum Series
SAMRO Axles with Disc Brakes
WABCO PAN19-2



FCV1404BFE 29156

250 118 30 MER D-ELSA2

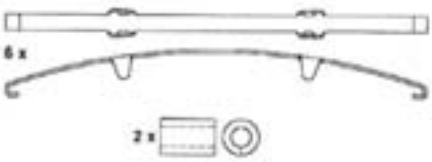
ERF ECS/ECT/ECX **IRISBUS** Ares, Arway, Axer, Crossway **MAN** EM-Series, F2000-Series, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:, UL **MERITOR** All

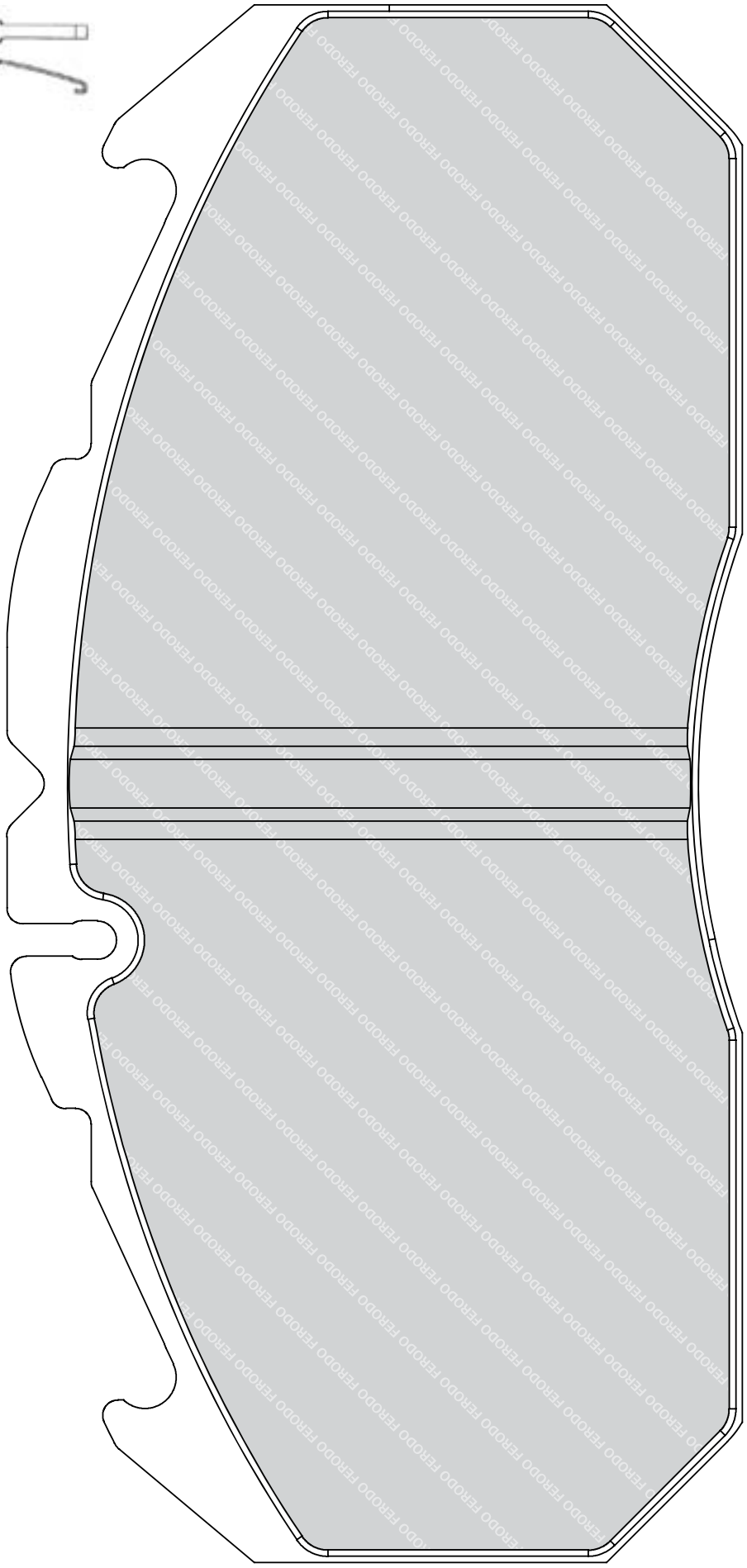


FCV1578BFE 29210

250 118 28 MER D3/D-ELSA 1

CAETANO PSV Enigma 12m, Porto 12m **ERF** ECS/ECT/ECX **MAN** Chassis, EM-Series, F90-Series, F2000-Series, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:, UL **MERITOR** All
VAN HOOL All

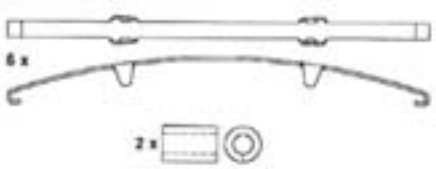


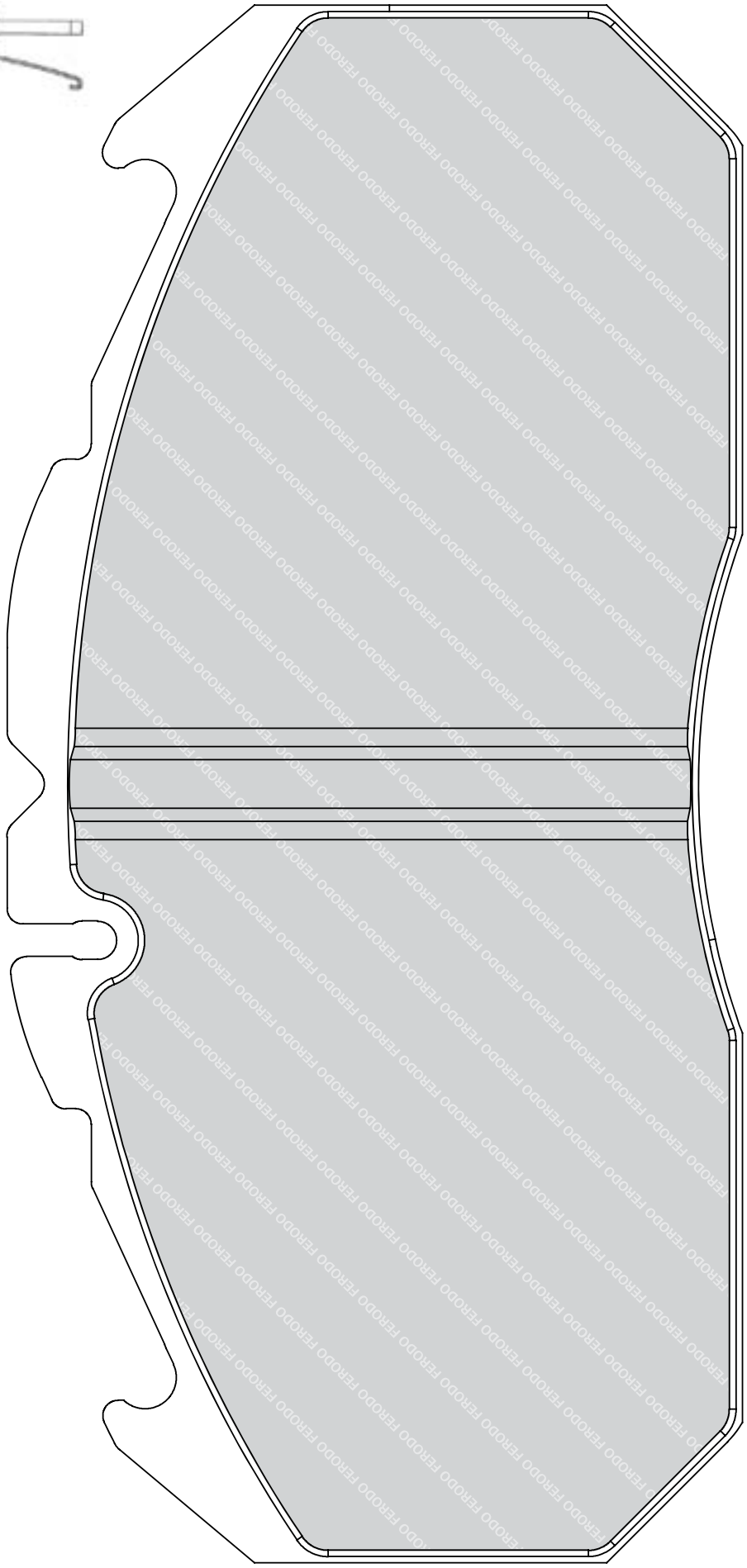


FCV1579BFE 29210

250 118 28 MER D3/D-ELSA 1

DENNIS Lance **ERNST AUWÄRTER** Eurostar **IRISBUS** Agora, Citelis, Citybus, Heuliez GX317
MAN EM-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, UL
MERITOR All **OPTARE** Sigma

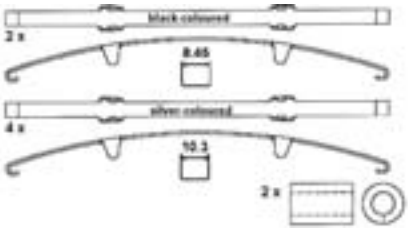


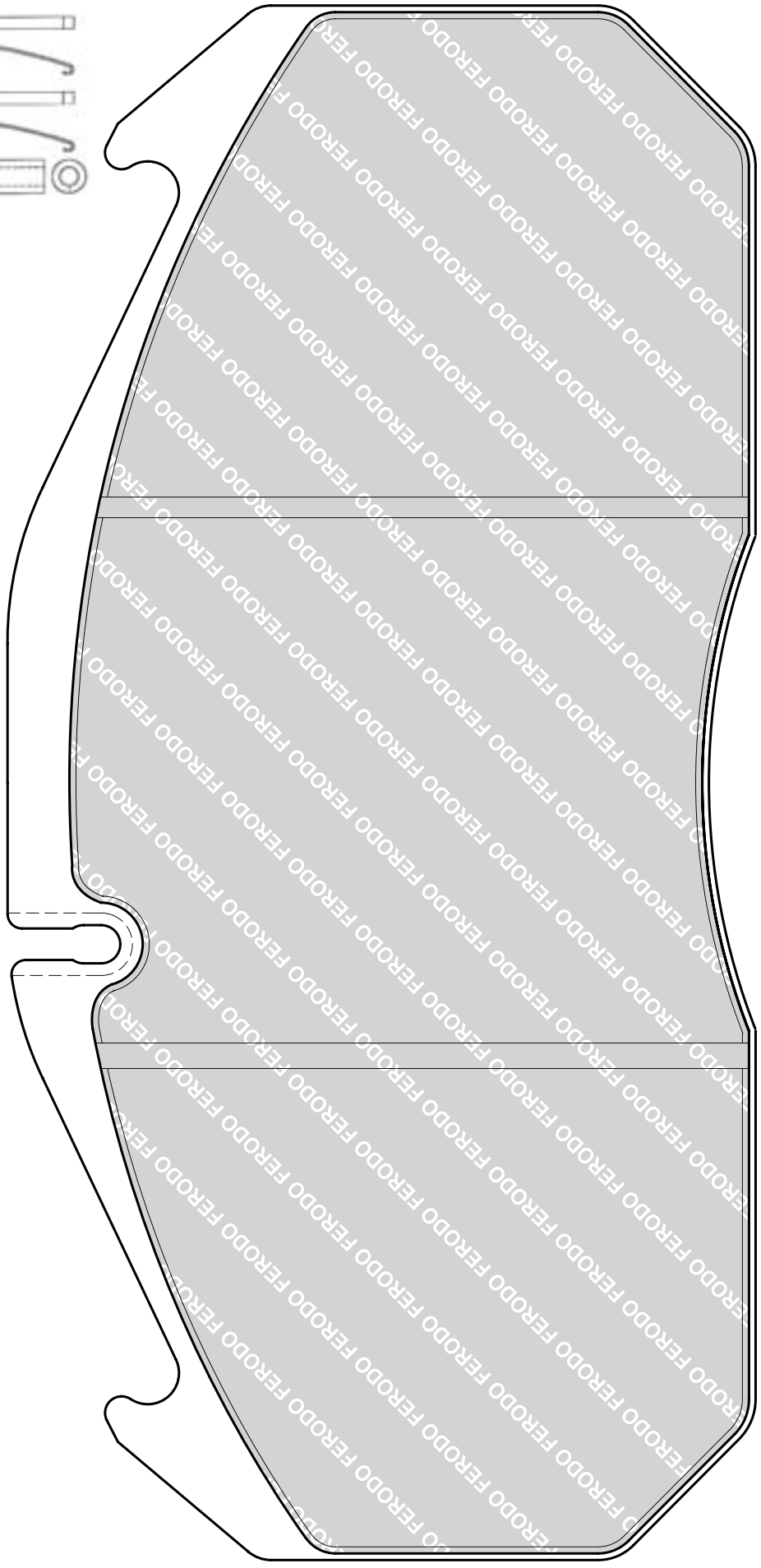


FCV1583B 29053

250 118 30 MER D3/D-ELSA 1

MAN Chassis, EM-Series, F90-Series, F2000-Series, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), UL **MERITOR** All



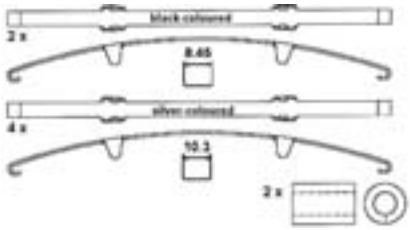


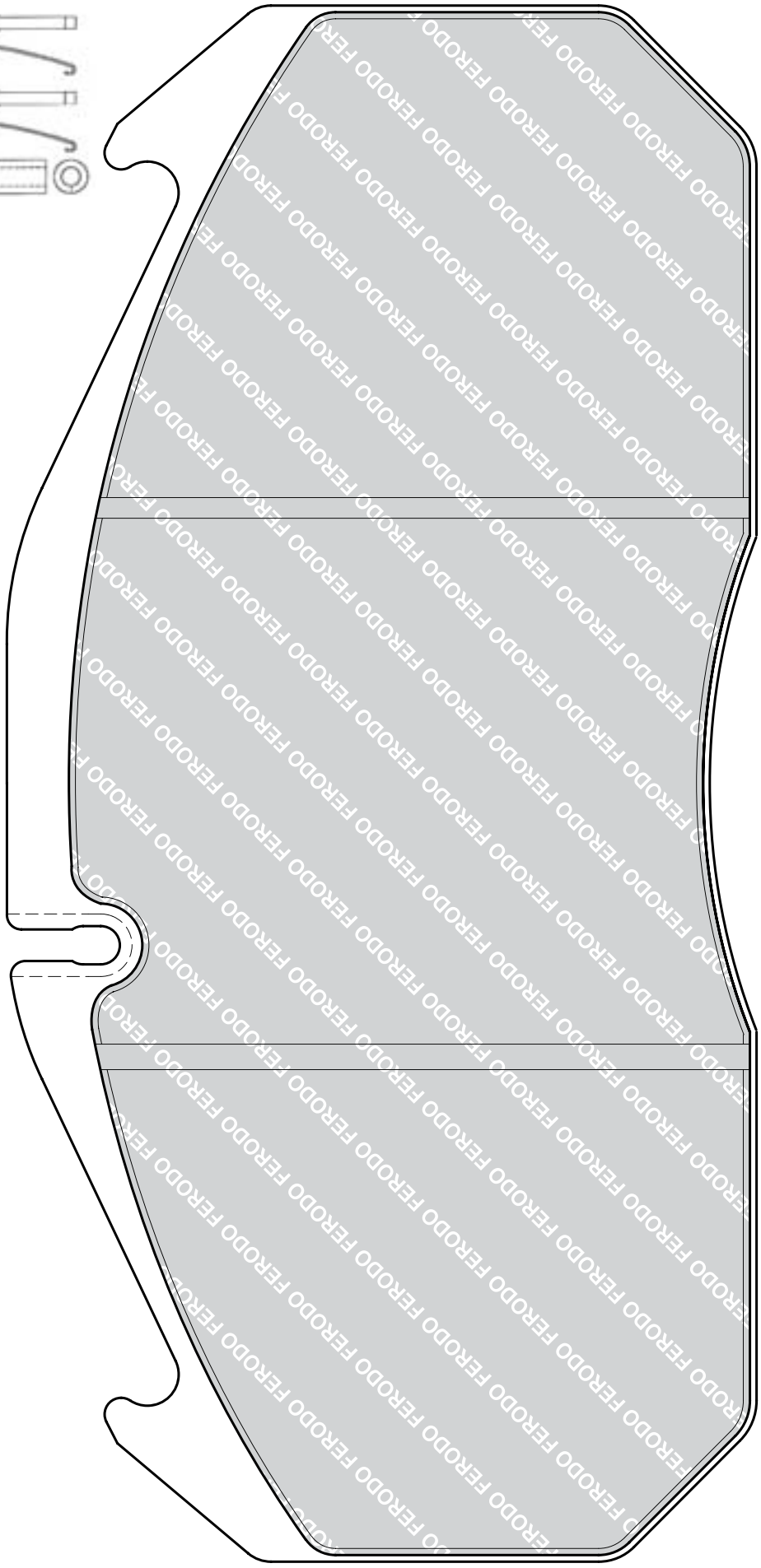
FERODO

FCV1584B 29053

250 118 30 MER D3/D-ELSA 1

DENNIS Lance **ERNST AUWÄRTER** Eurostar **IRISBUS** Agora, Citybus, Heuliez GX317
MAN EM-Series, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, UL **MERITOR** All



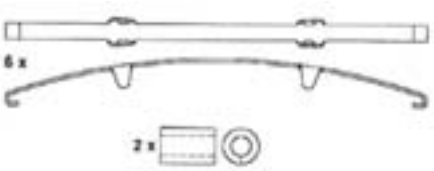


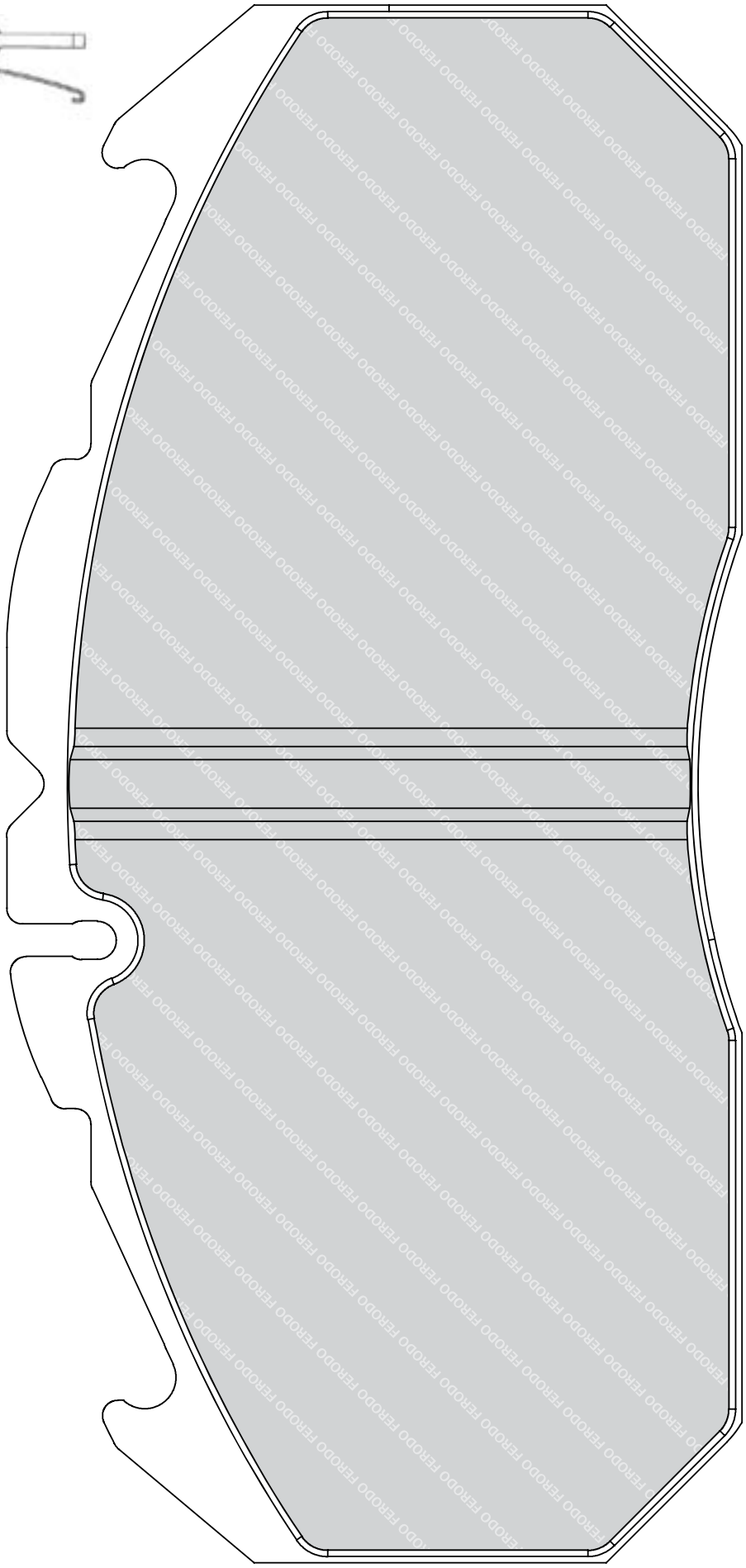
FERODO

FCV1585BFE 29210

250 118 28 MER D3/D-ELSA 1

IRISBUS Iliade **MERITOR** All
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route

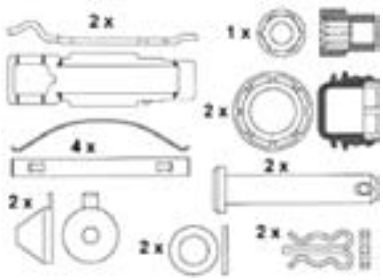


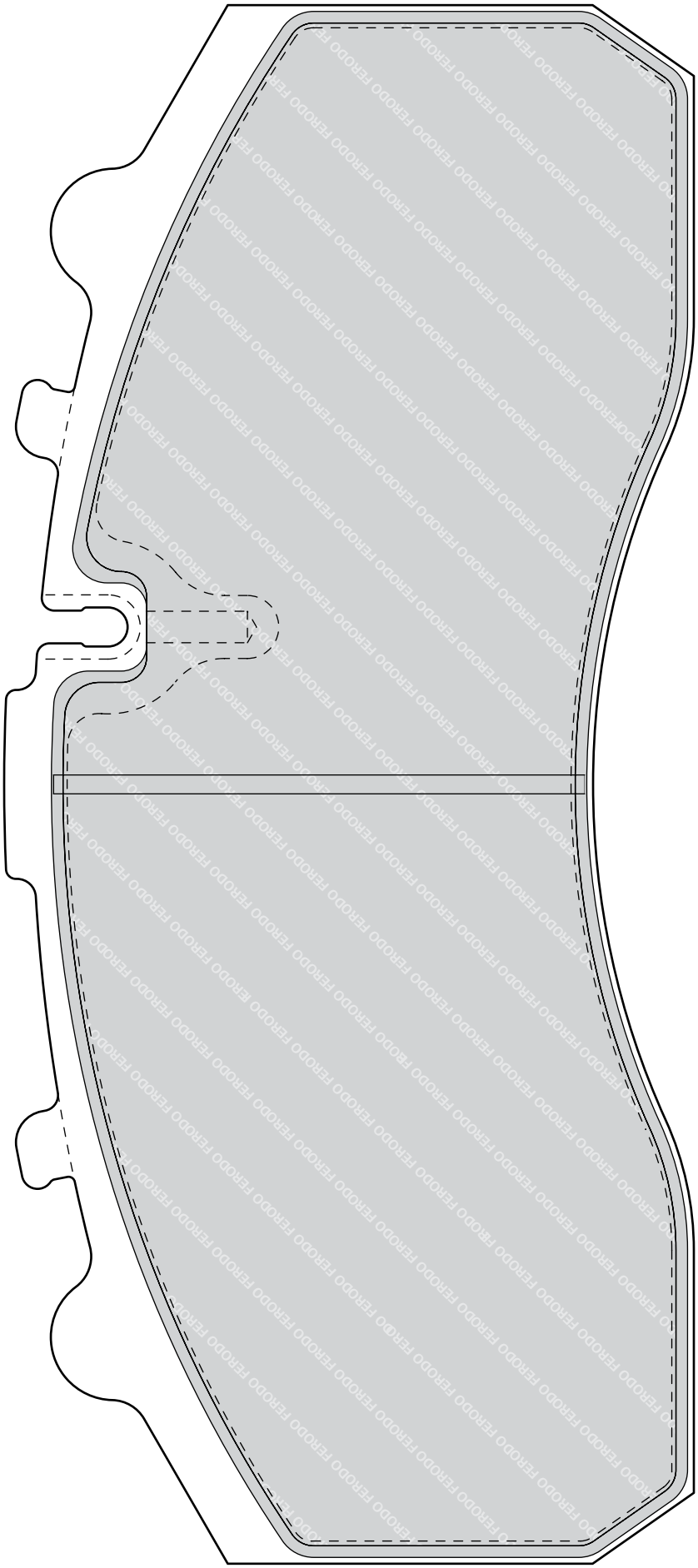


FCV1598BFE 29179

248 109 30 KNR SB/SN7....

AYATS Atlantis, Atlas, Bravo 1
DENNIS Trident II
IKARUS Articulated City Bus, City Bus
IRISBUS Iveco MyWay, Karosa , Karosa B951, B952
KAROSA B951, B952, B961 Articulated
KNORR-BREMSE All
LAZ A183
MAN EM-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M
MERCEDES-BENZ Citaro (O 530), Cito (O 520), Integro O 550:
NEOPLAN Centroliner:, Cityliner:, Euroliner:, Jetliner:, Low Floor Buses, Skyliner, Spaceliner:, Starliner, Transliner
SCANIA All, K124, L94 Series
SETRA Intercity Bus, Intercity Low Floor Bus
SOLARIS City Bus

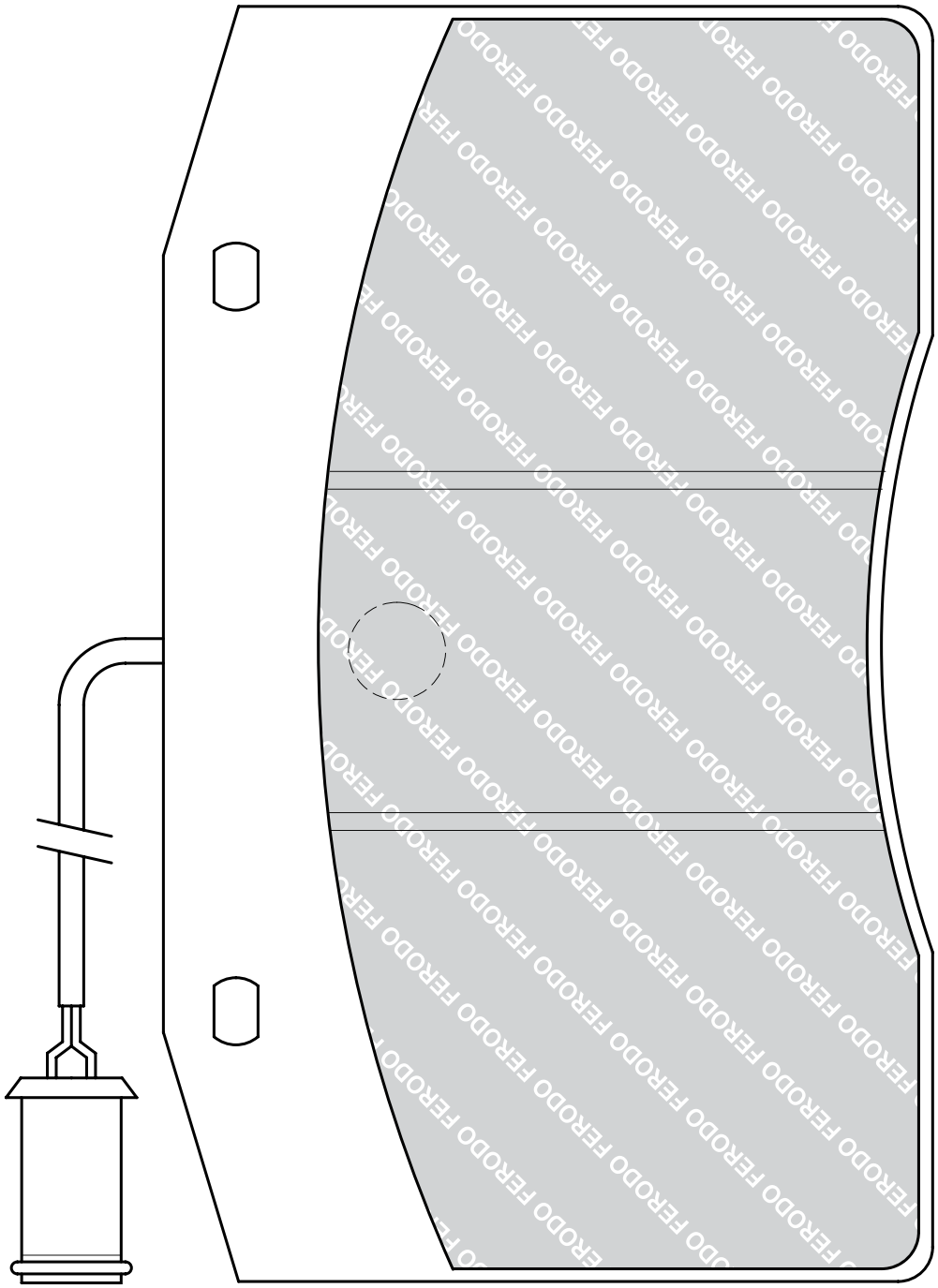




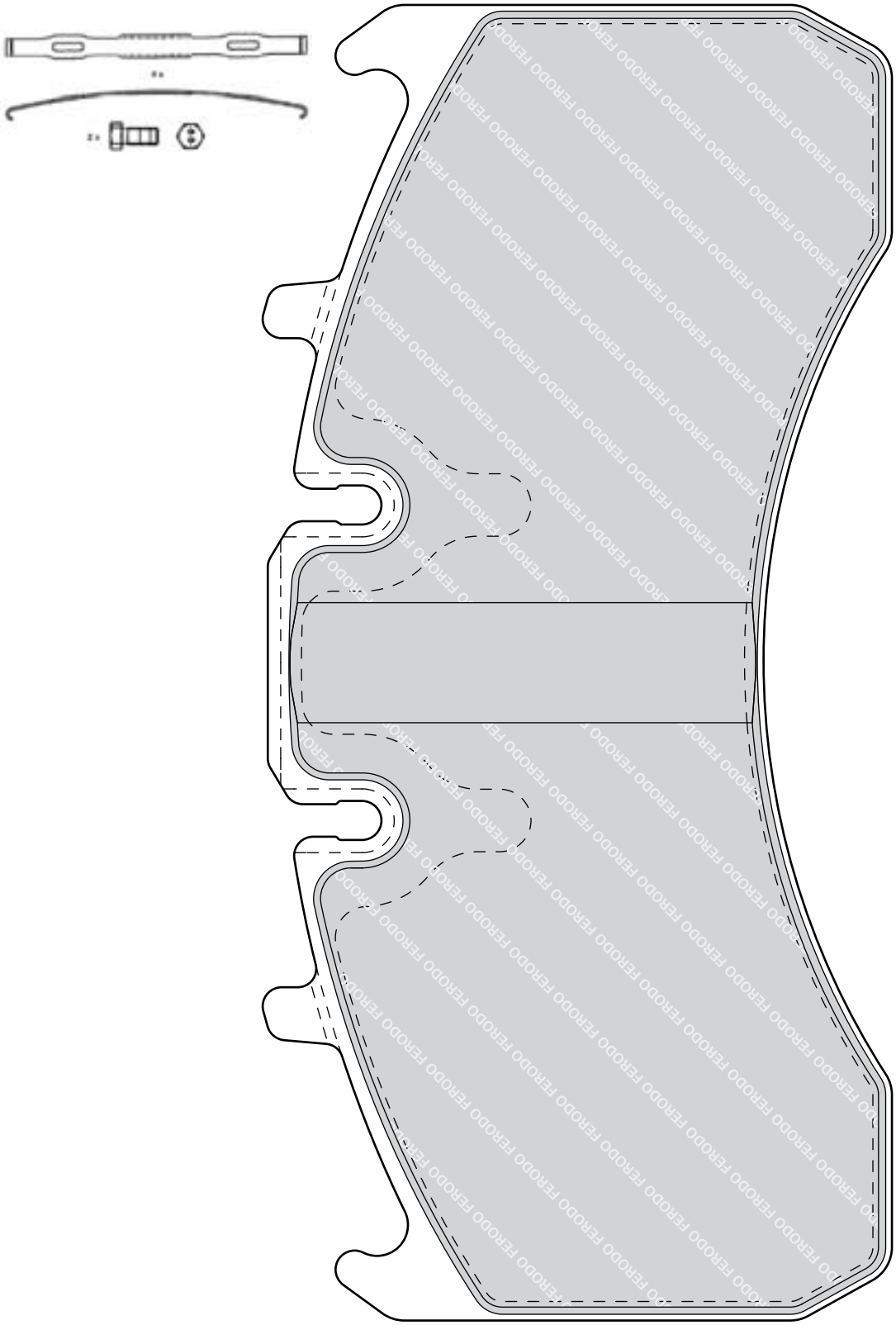
FCV1614 29186

180 106 20 BRE Bi-disc plugged-in (2)

IRISBUS Iveco 491/591, Iveco MyWay
MENARINI All



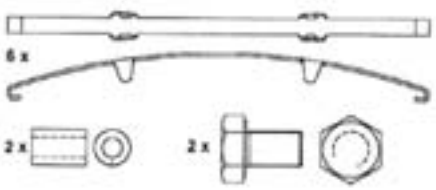
MERITOR All

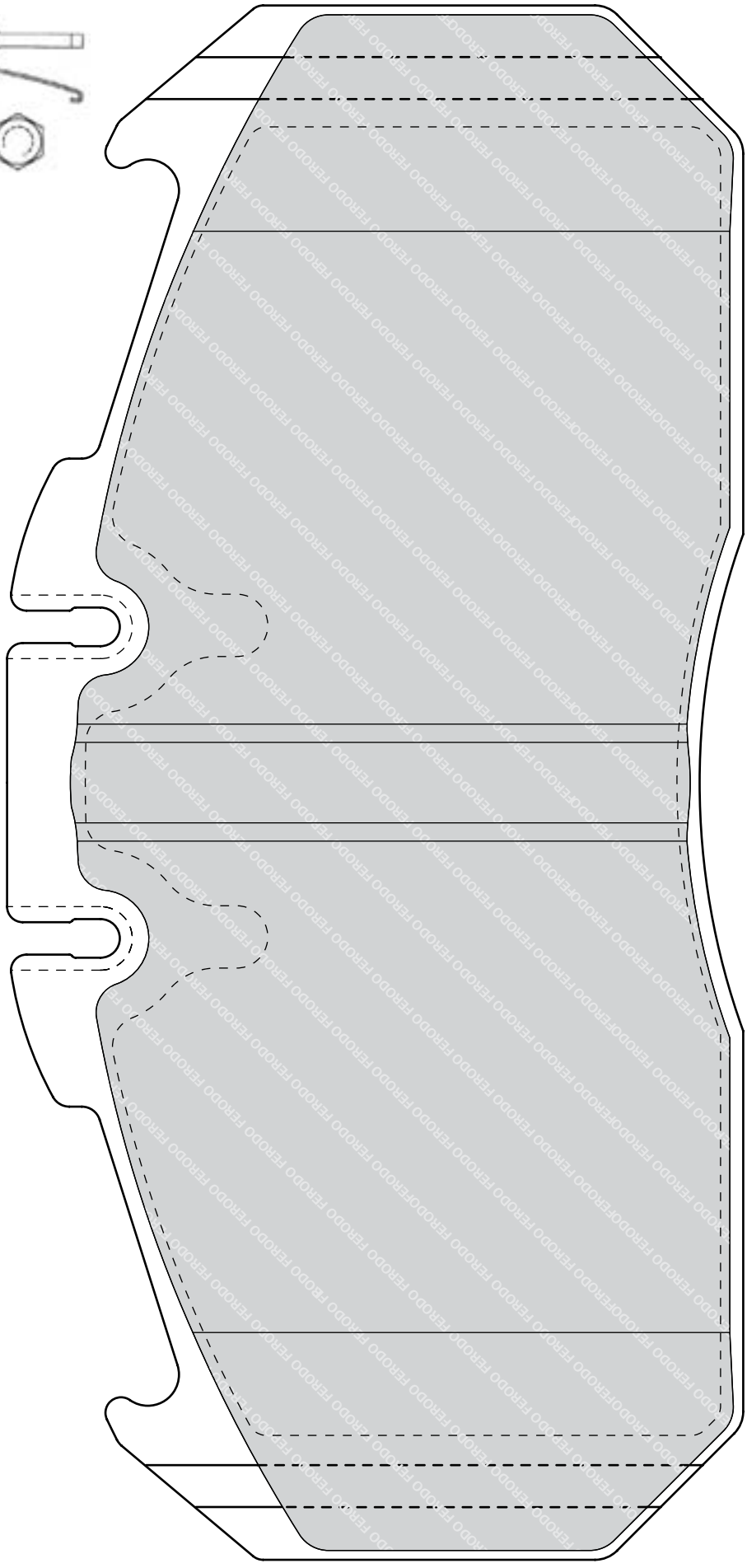


FCV1653BFE 29156

250 118 30 MER D-ELSA2

IRISBUS Iliade **MERITOR** All **RENAULT TRUCKS** Magnum E.Tech, Magnum/AE Series, Premium Distribution, Premium Route
SAMRO Axles with Disc Brakes



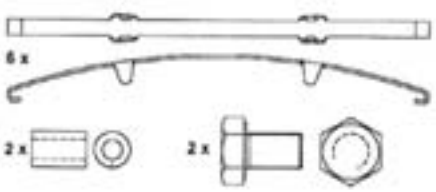


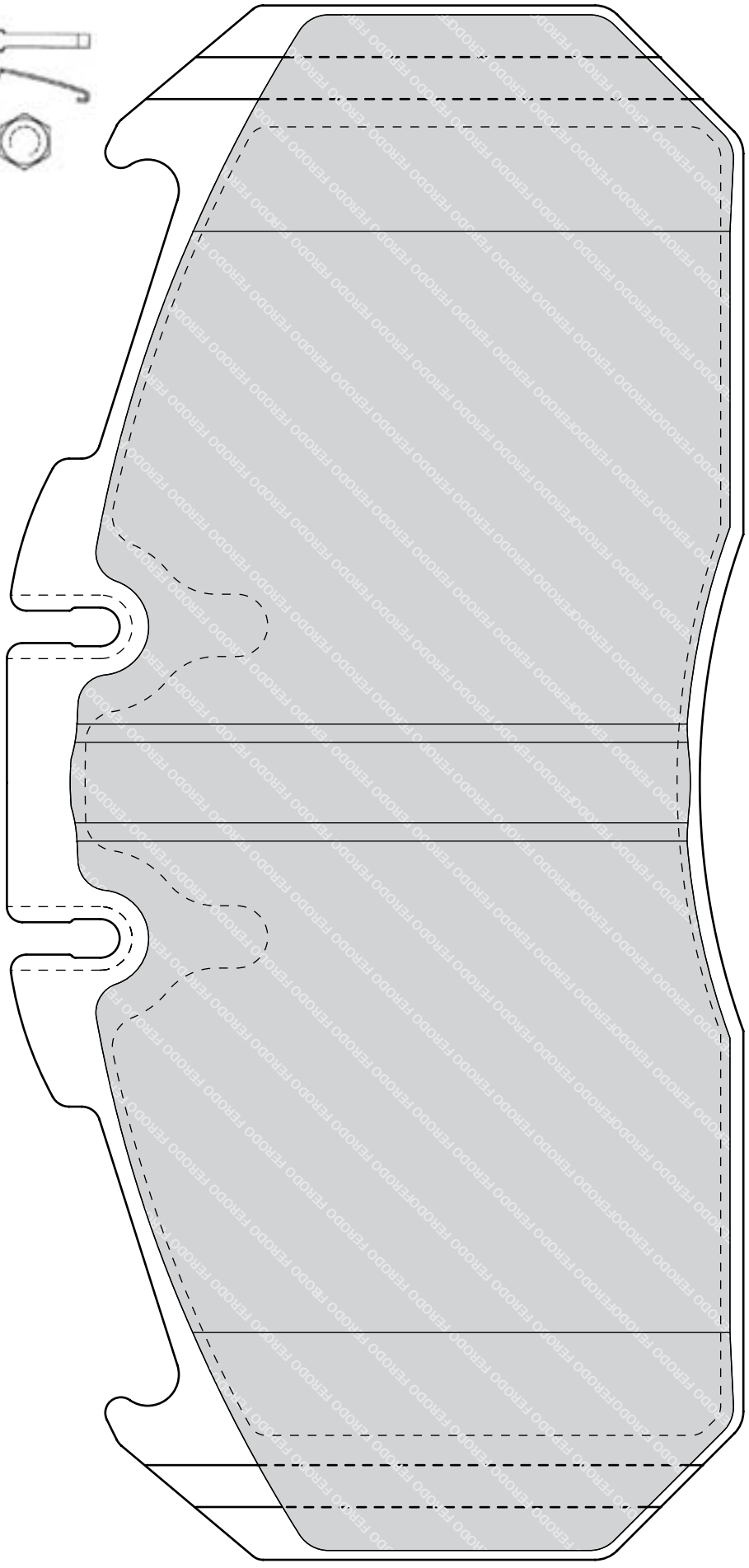
FERODO

FCV1656BFE 29156

250 118 30 MER D-ELSA2

IRISBUS Agora, Citelis, Crealis **MAN** EM-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, UL
MERITOR All

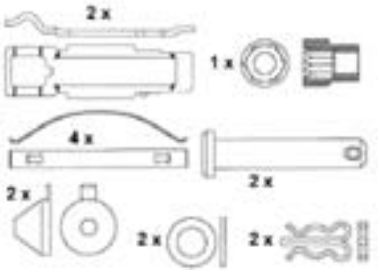


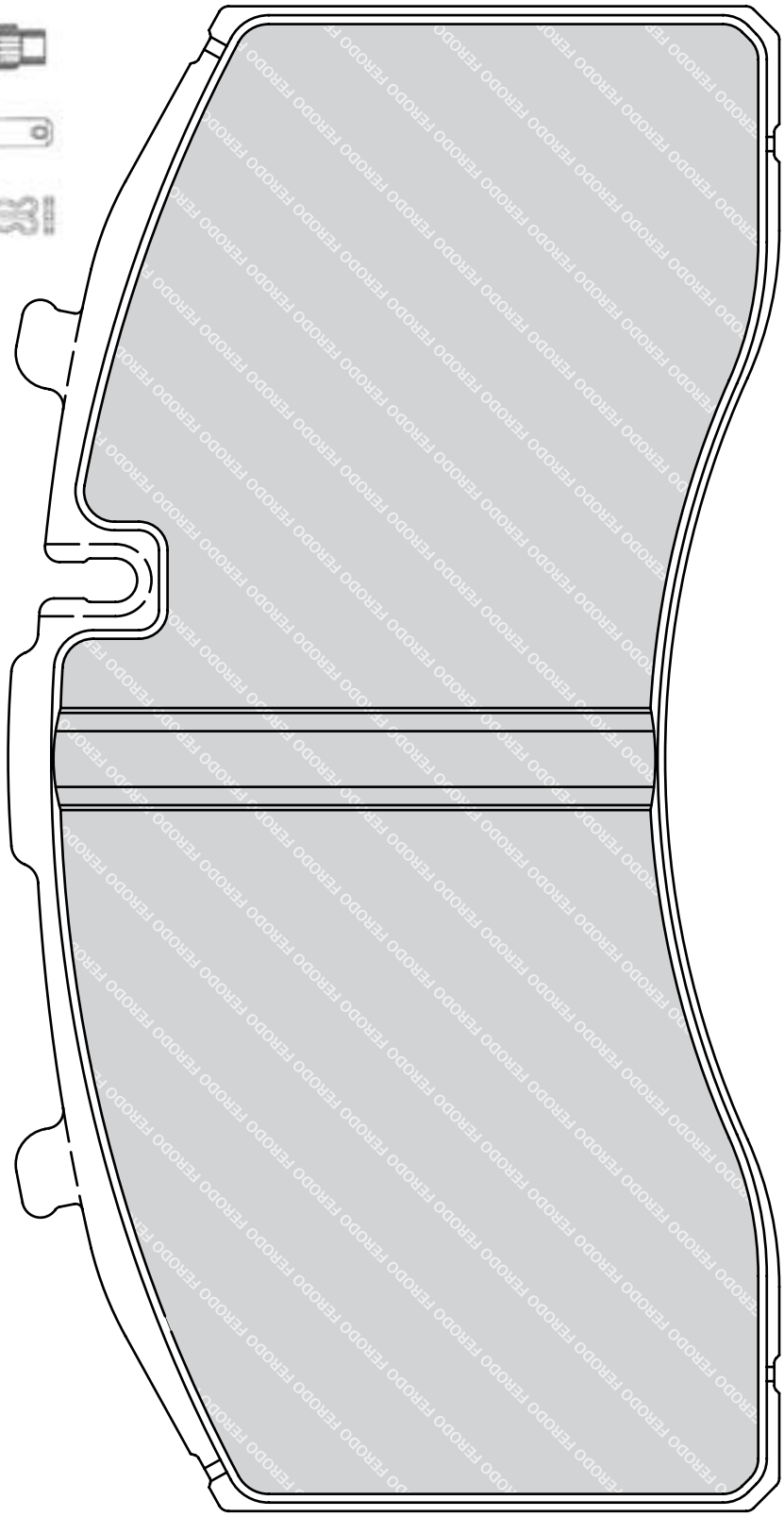


FCV1657B 29158

210.8 | 108 | 30 | KNR SK7...

DISCOS Trailer
KNORR-BREMSE All
SAF All

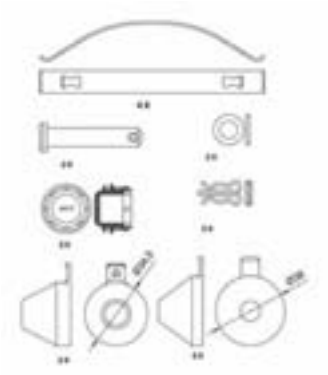


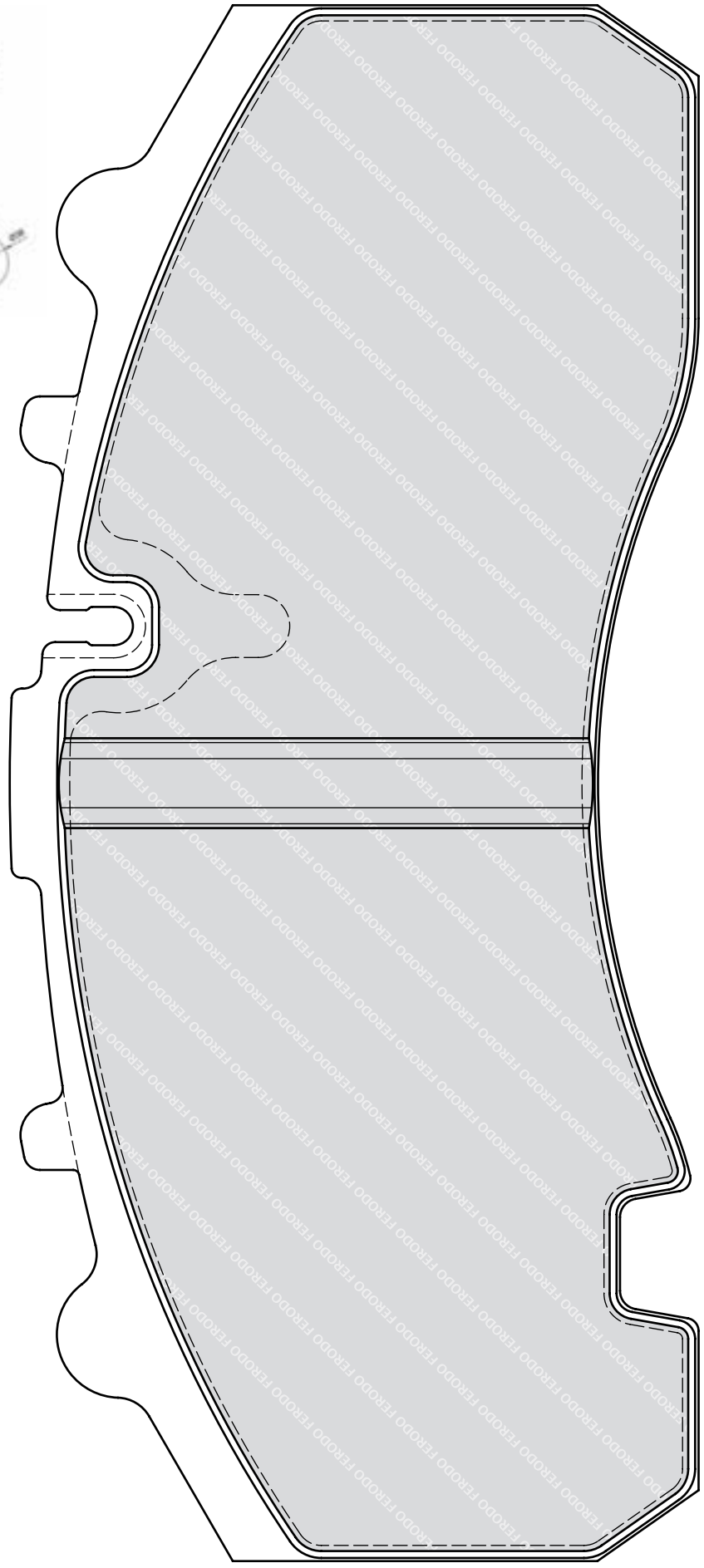


FCV1677B 29167

248 109.5 30 KNR SB4345T (SB7)

BPW Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345)
KNORR-BREMSE All

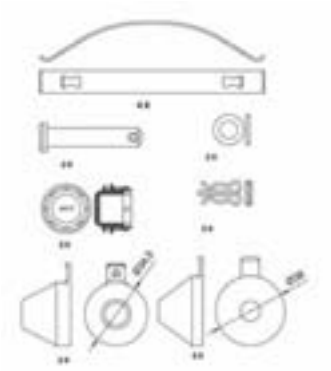


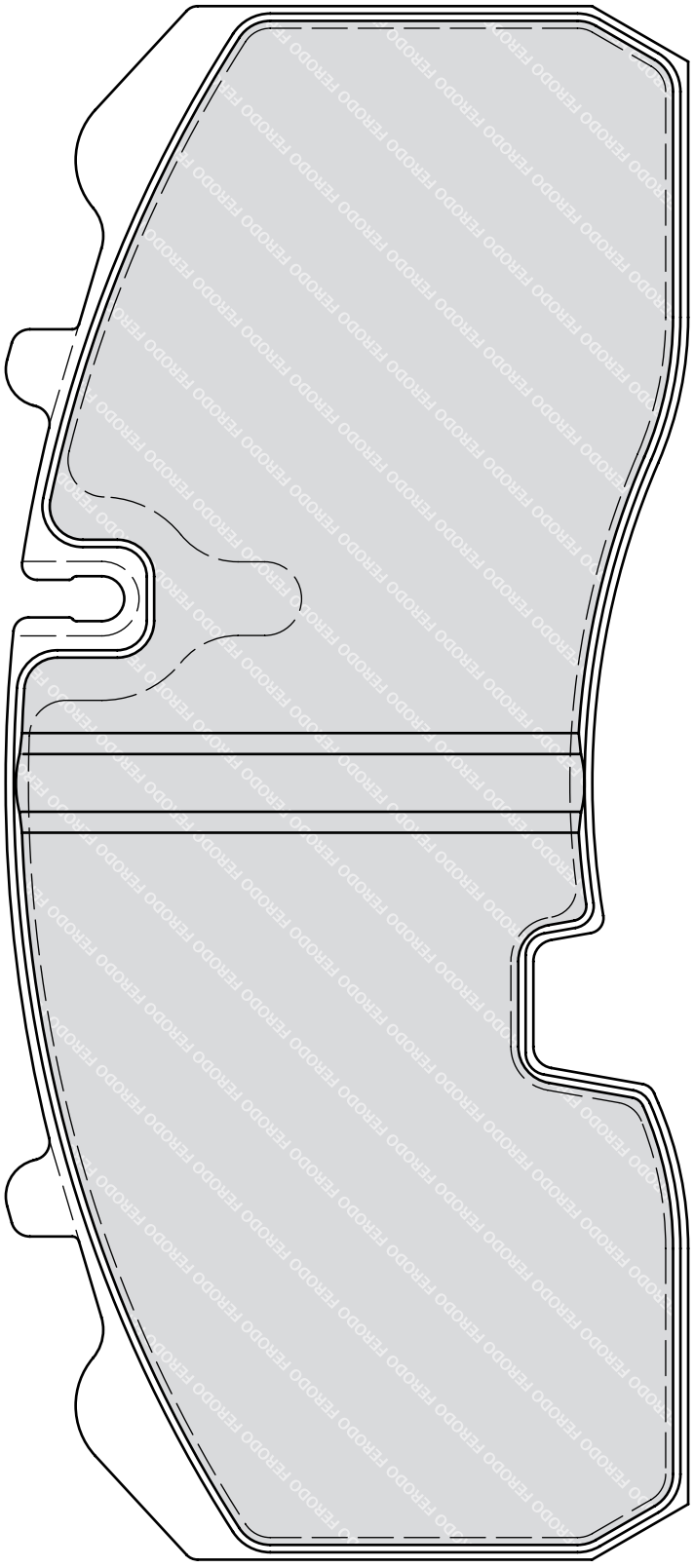


FCV1678B 29165

211 93 30 KNR SB3745T (SB6)

BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)
KNORR-BREMSE All

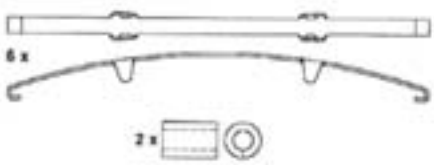


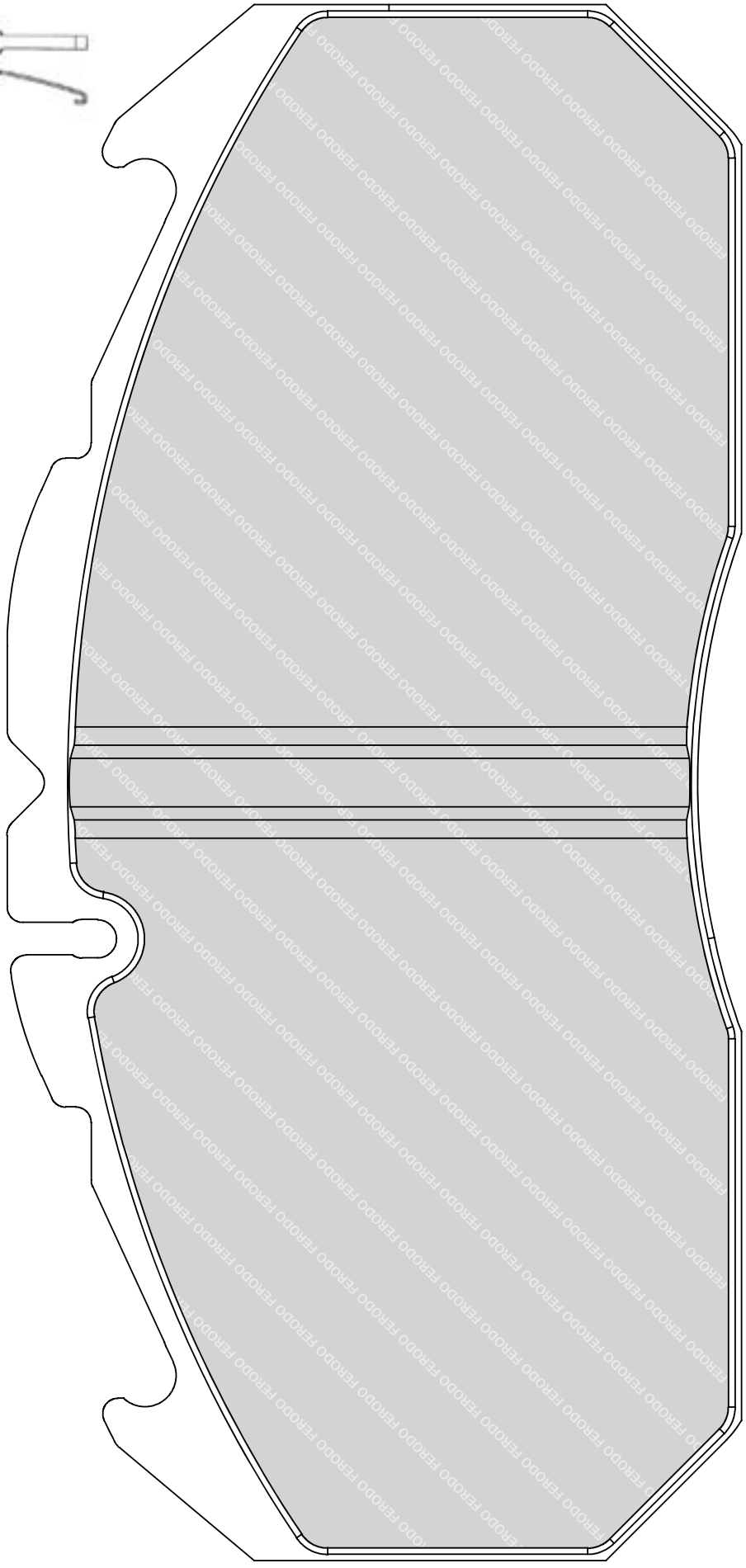


FCV1762BFE 29210

250 118 28 MER D3/D-ELSA 1

MERITOR All
SETRA All, Comfortclass 300, Multiclass 300, TopClass 300

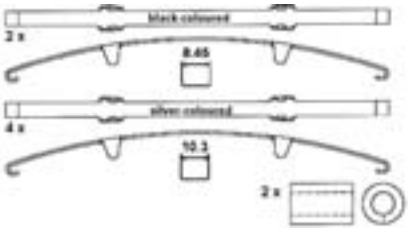


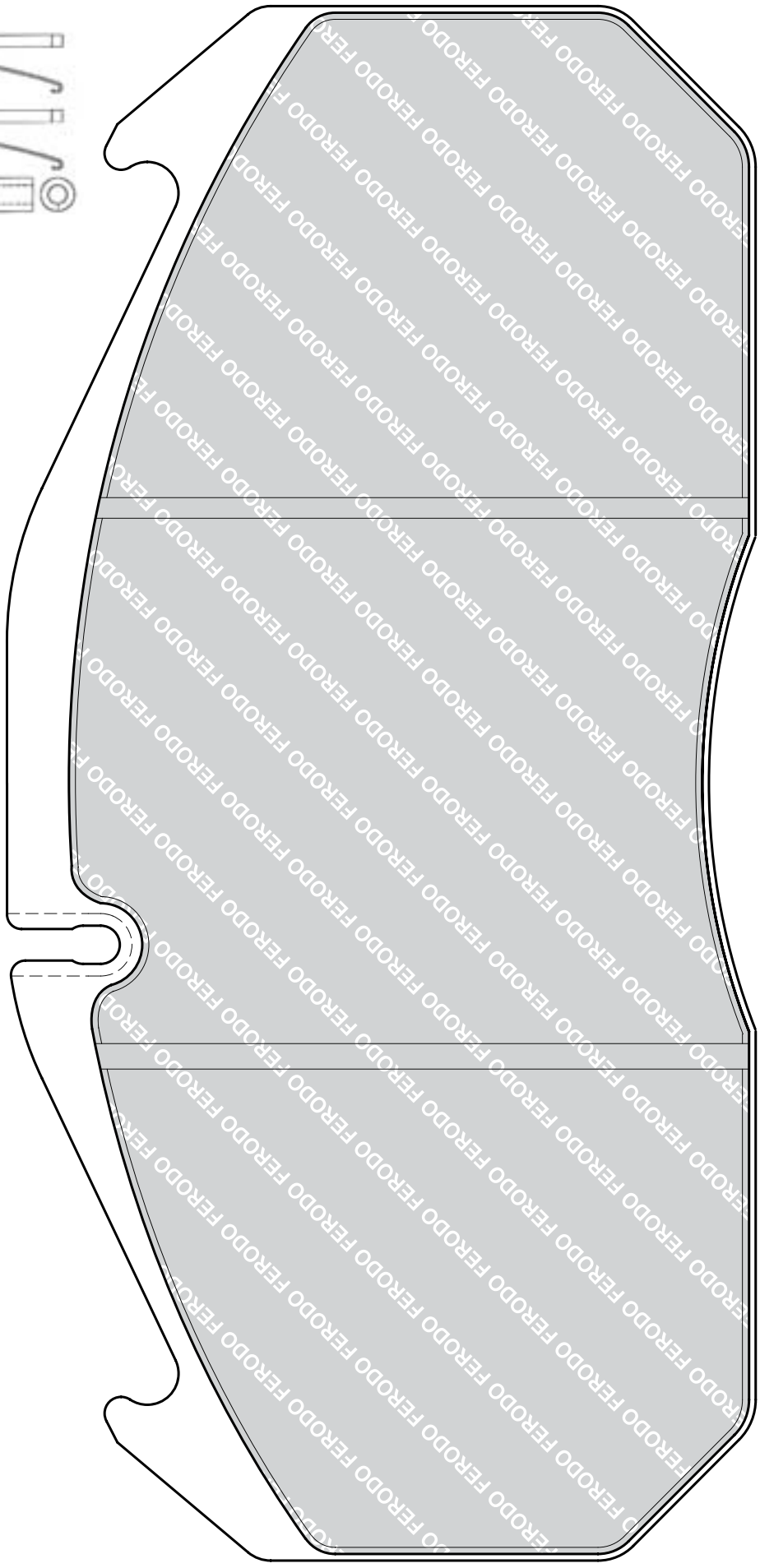


FCV1763B 29053

250 118 30 MER D3/D-ELSA 1

MERITOR All **SETRA** All, Comfortclass 300, Multiclass 300, TopClass 300

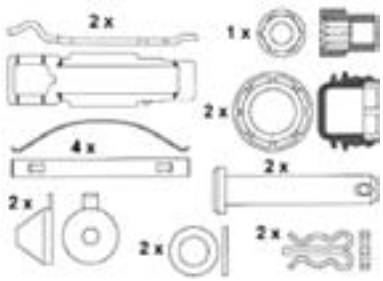


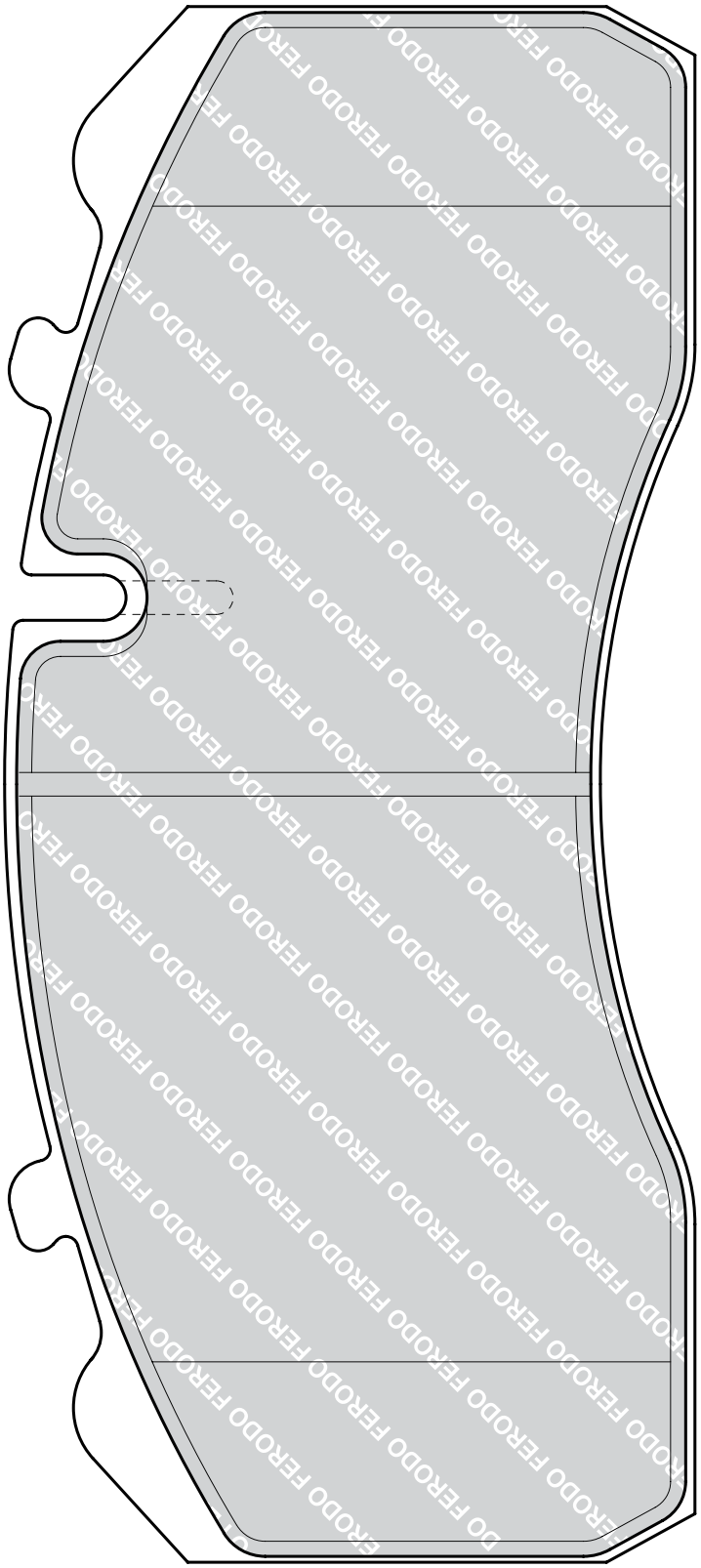


FCV1792BFE 29197

211 93 30 KNR SB/SN6...

KNORR-BREMSE All
MAN M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series



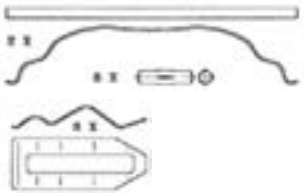


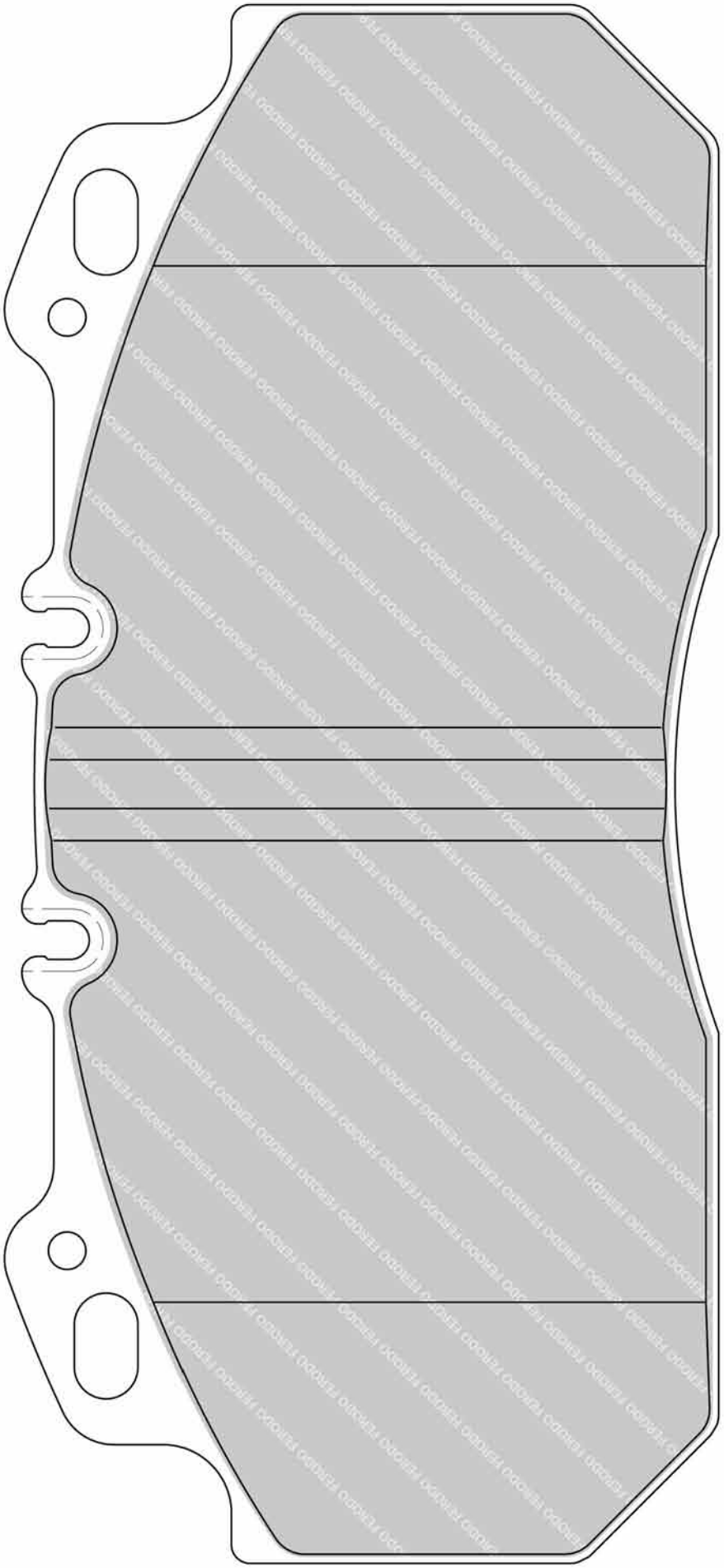
FCV1813B

29090

250 | 114 | 28 | MER D-LISA

BERKHOF PSV Axial 50, Radial, Radial+D361
CAETANO PSV Enigma 12m, Porto 12m
DENNIS Arrow, Javelin Coach
IRISBUS Agora, Citelis, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417
MERITOR All
VAN HOOL All
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)

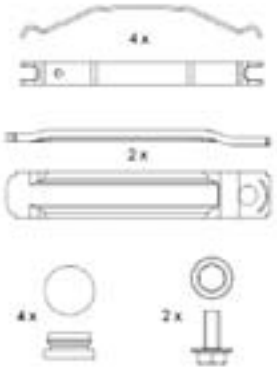


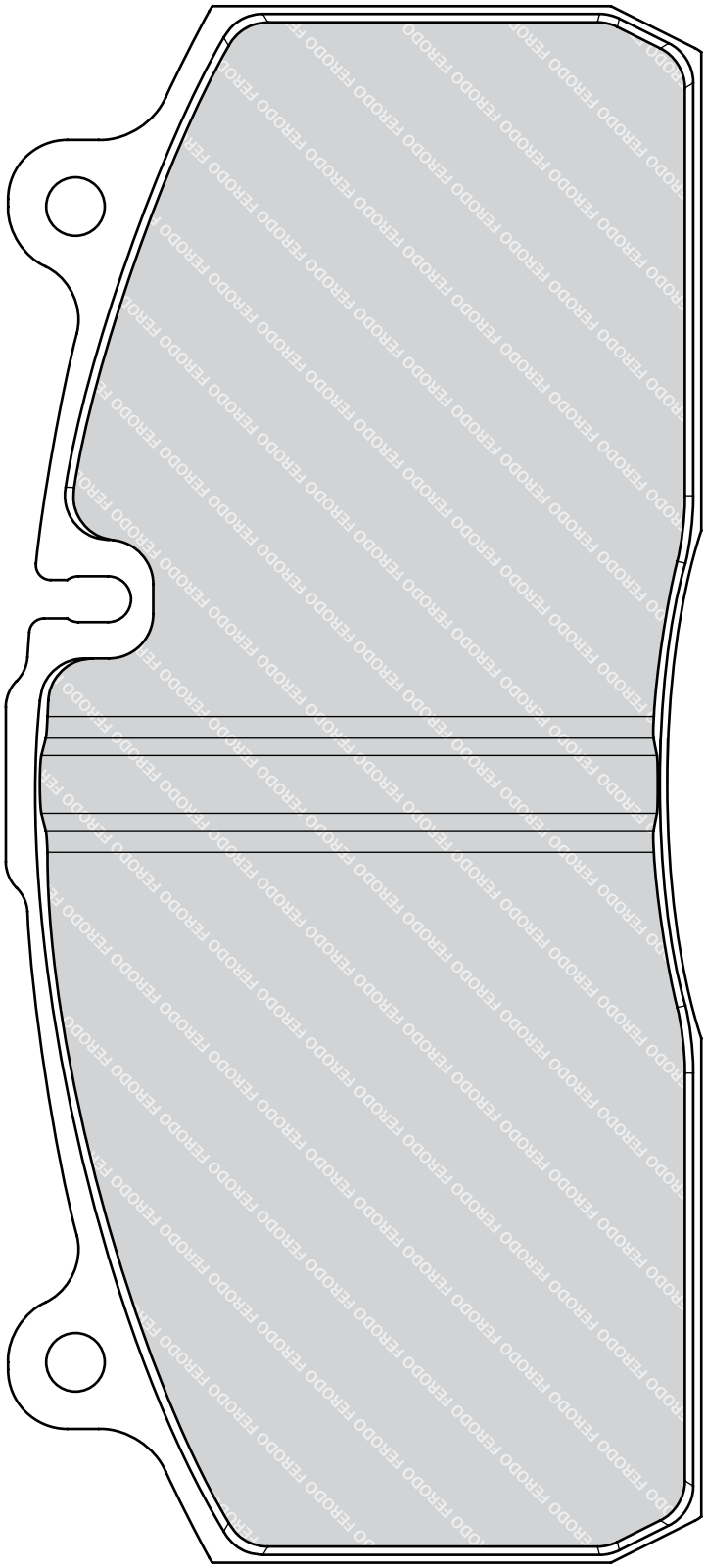


FCV1814BFE 29195

210 93.8 30 HAL DB22LT

GIGANT GROUP S.A.E. (Dupillier), SMB
HALDEX DB22LT

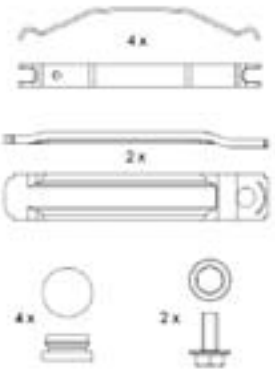


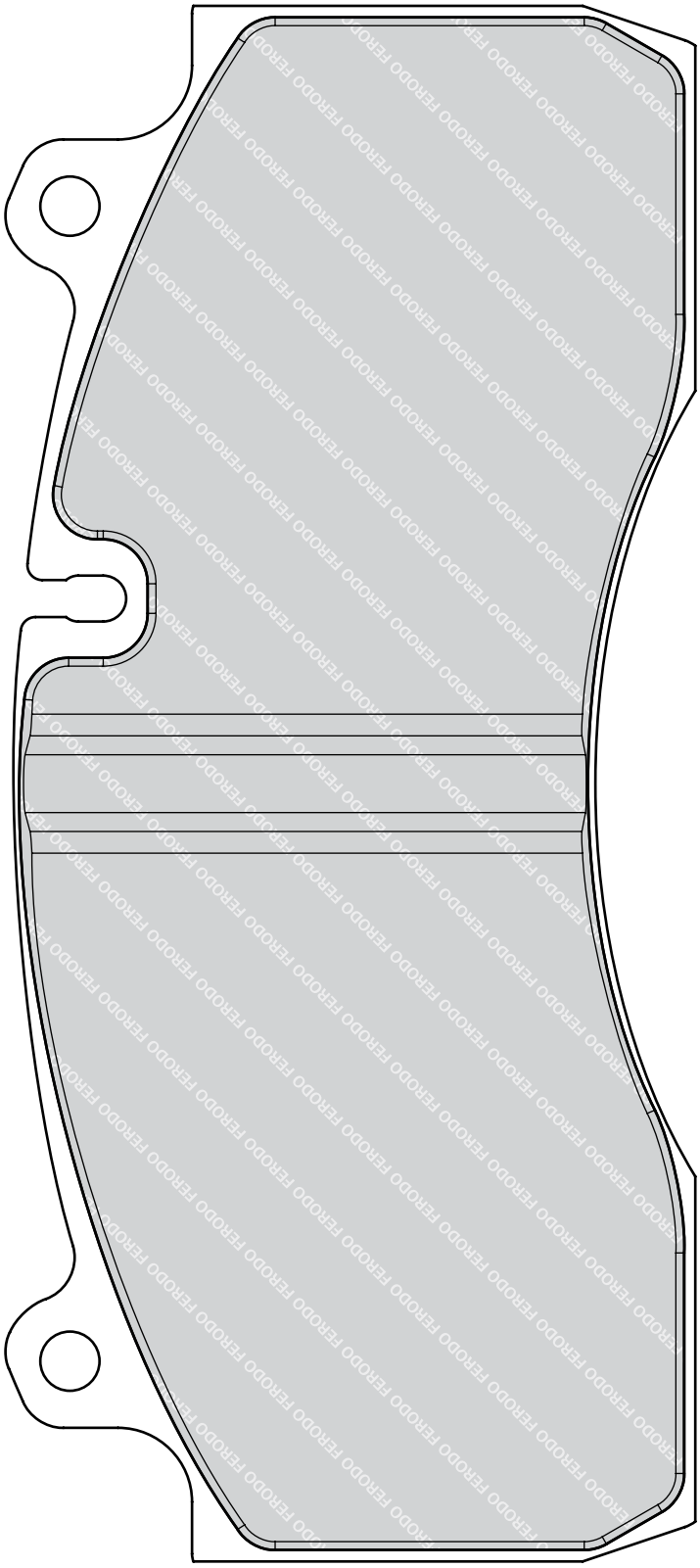


FCV1815BFE 29207

210 92 30 HAL DB19

GIGANT GROUP SMB
HALDEX DB19
RENAULT TRUCKS New Midlum Series Dxi
VOLVO FL Series

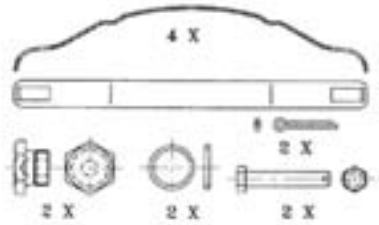


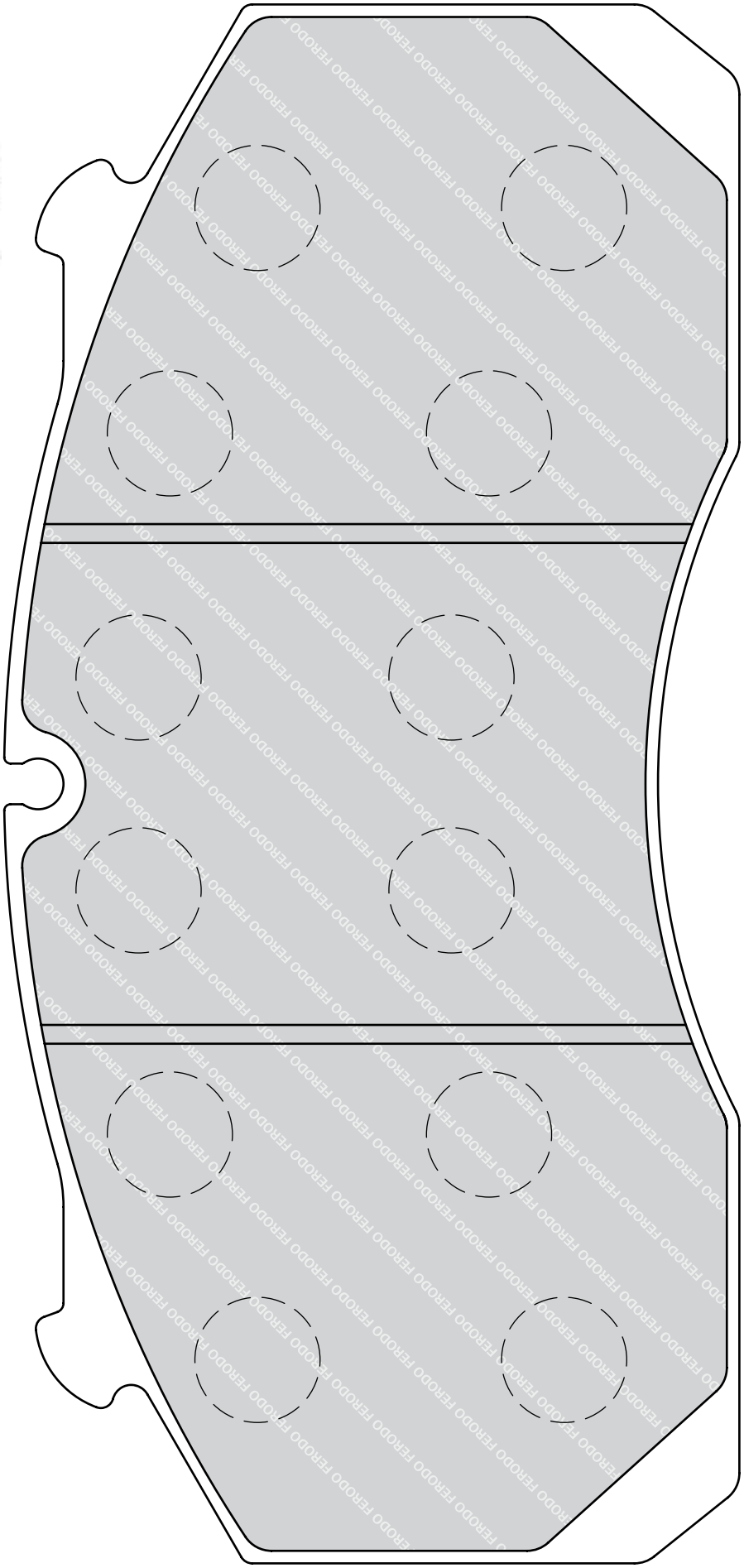


FCV1821B 29150

249 117.5 30 MER DX225

DAF SB3000, SB4000
DEN OUDSEN Almere Bus
IRISBUS Iveco 491/591
MENARINI All
MERITOR All

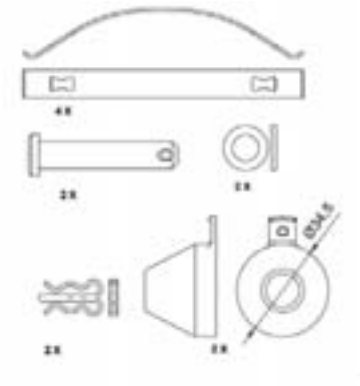


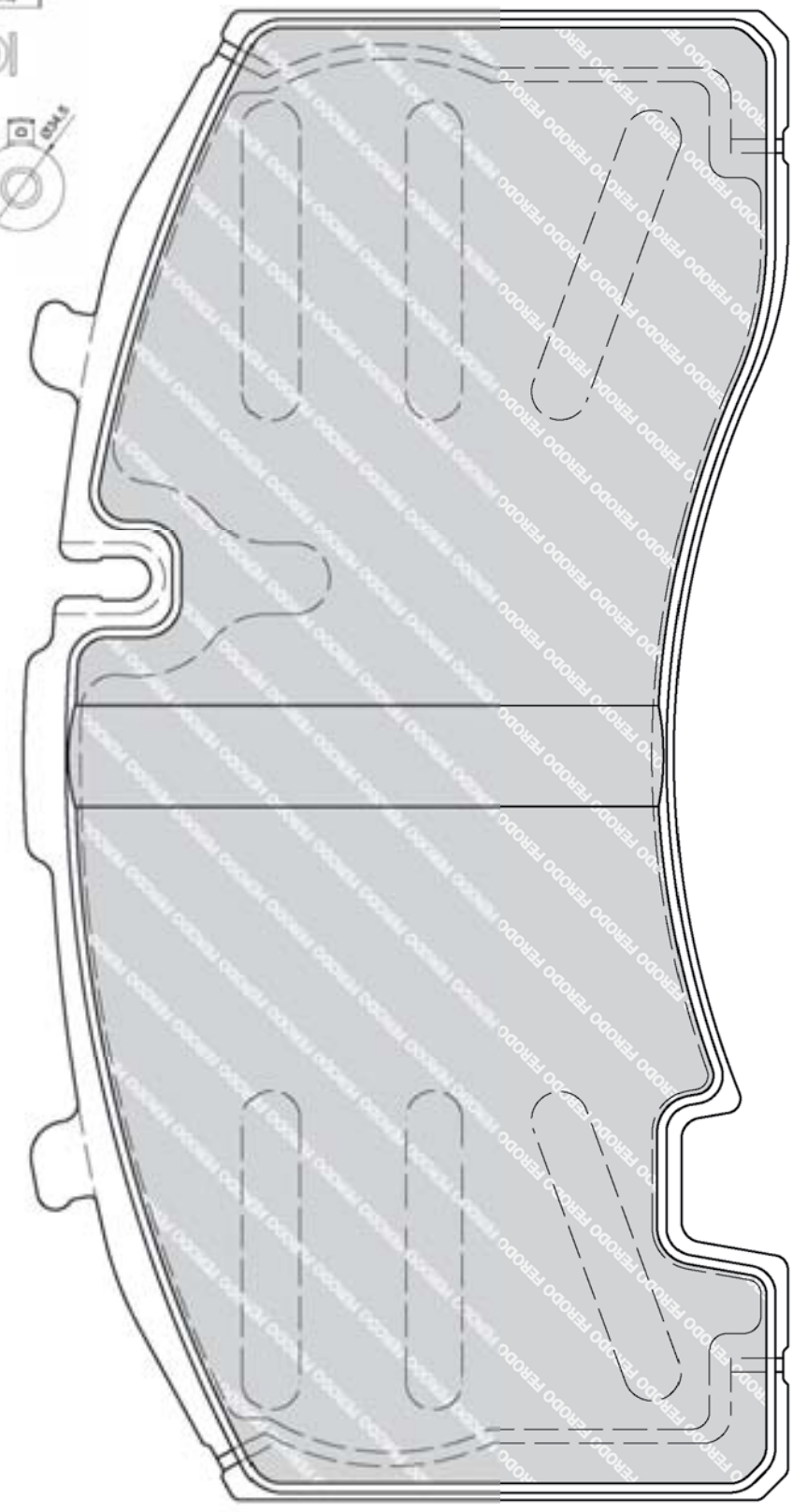


FCV1825B 29171

210.8 | 108 | 30 | KNR SB4309T (SK7)

BPW Eco Plus SK7 (SB4309)
KNORR-BREMSE All

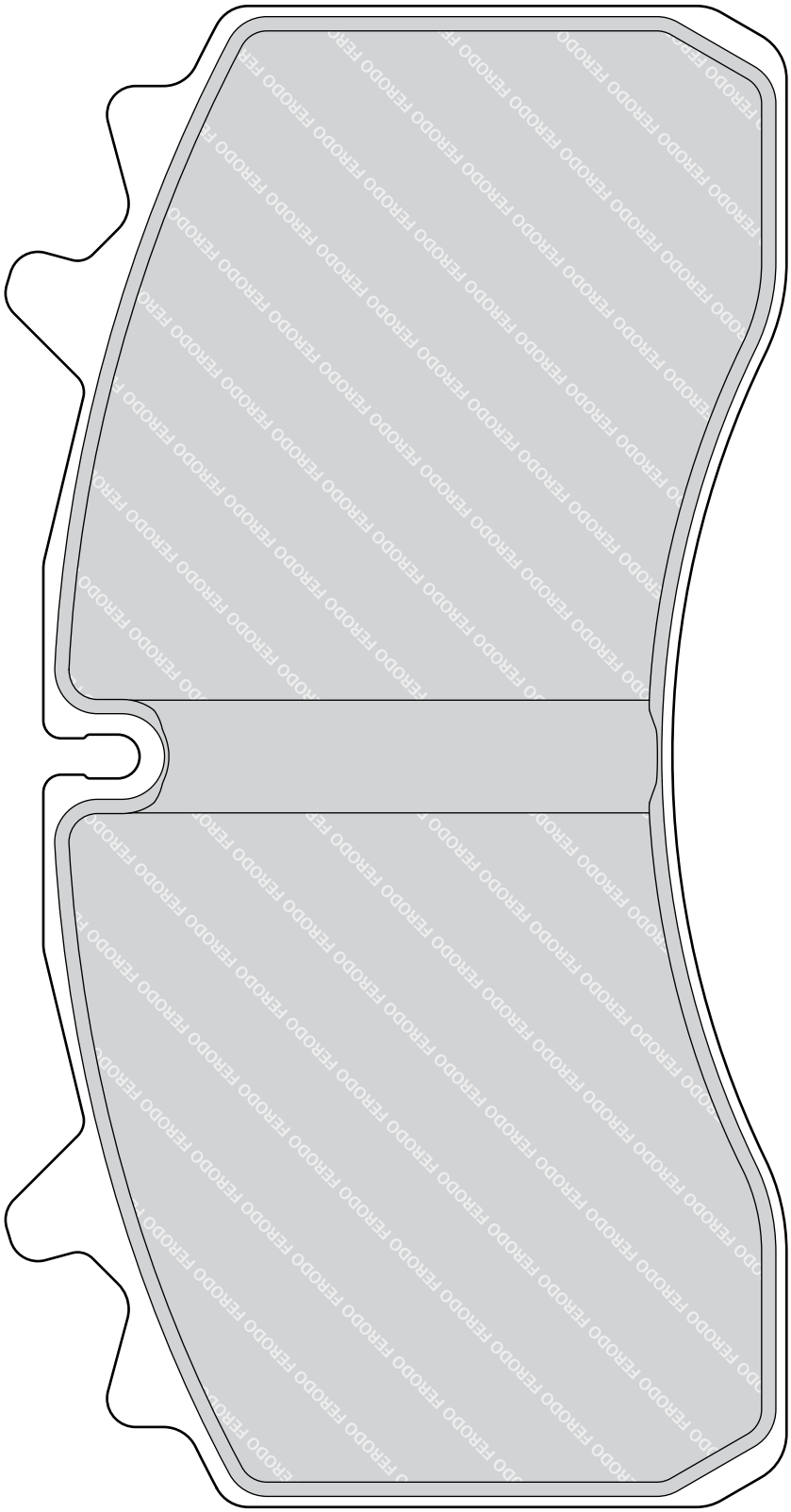




FCV1828

29162 | 210.3 | 109.8 | 31 | WAB PAN 22-1

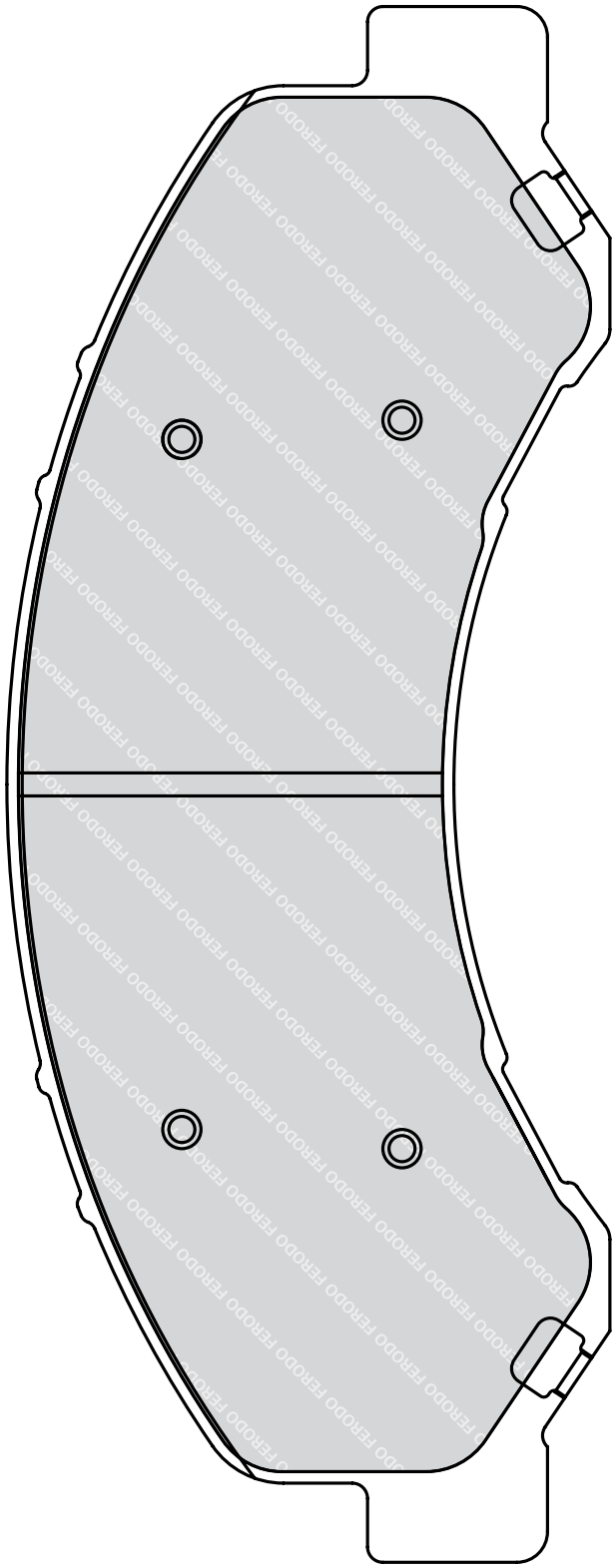
SAF All
WABCO PAN22-1



FCV1853 29258

206.2 80 20 AKE

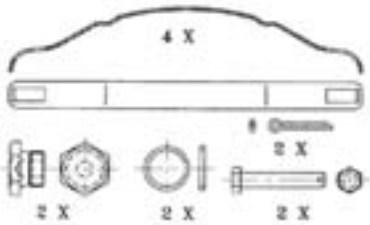
BOGDAN A-092 (Euro-3), A-0100 (Euro-3)
ISUZU Trucks

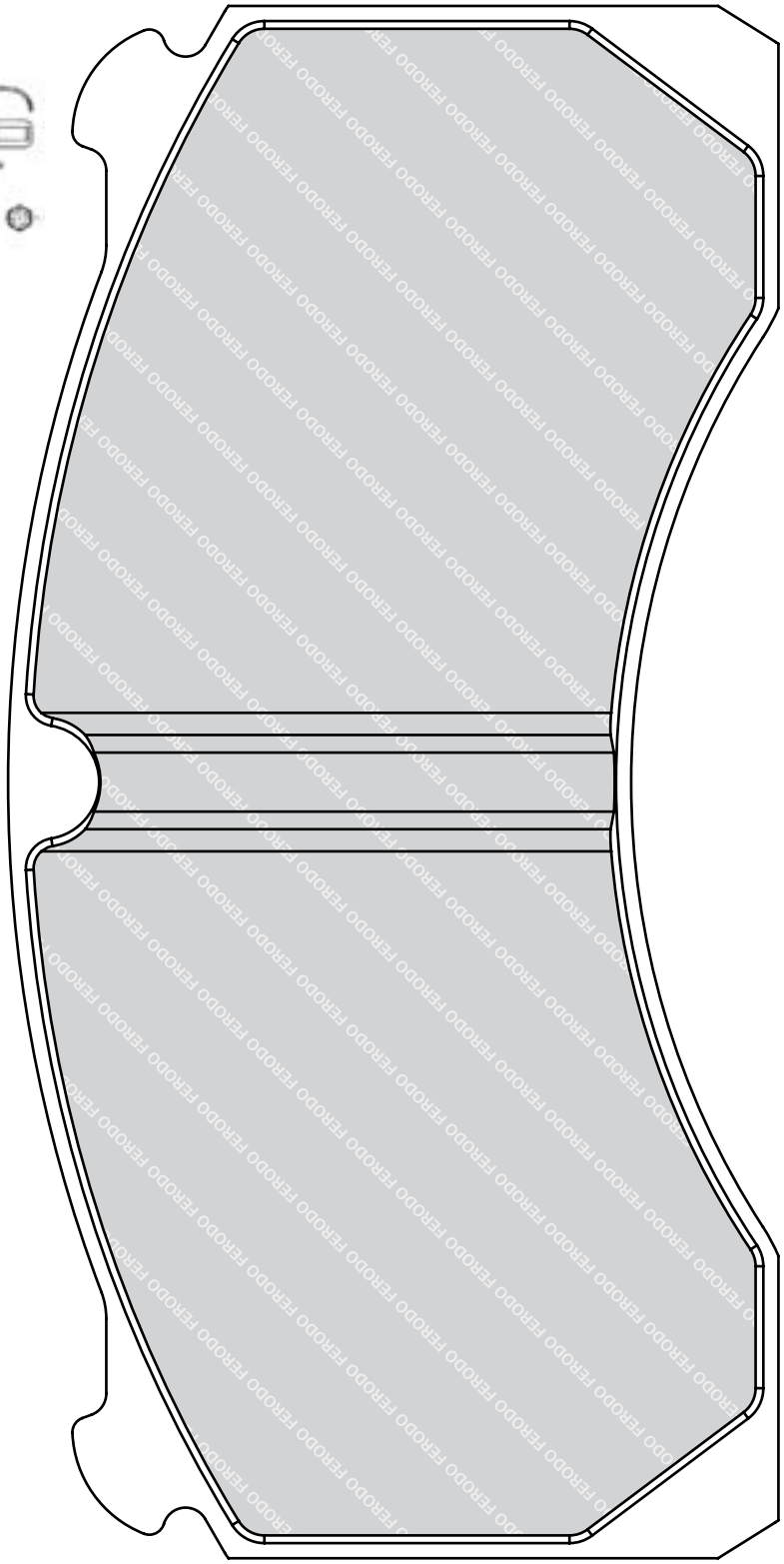


FCV1857BFE 29155

205 102 27 MER DX195

MERITOR All



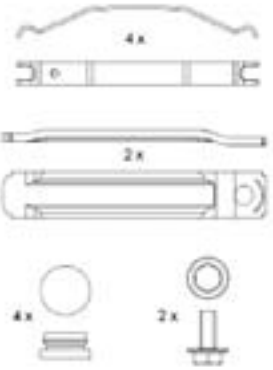


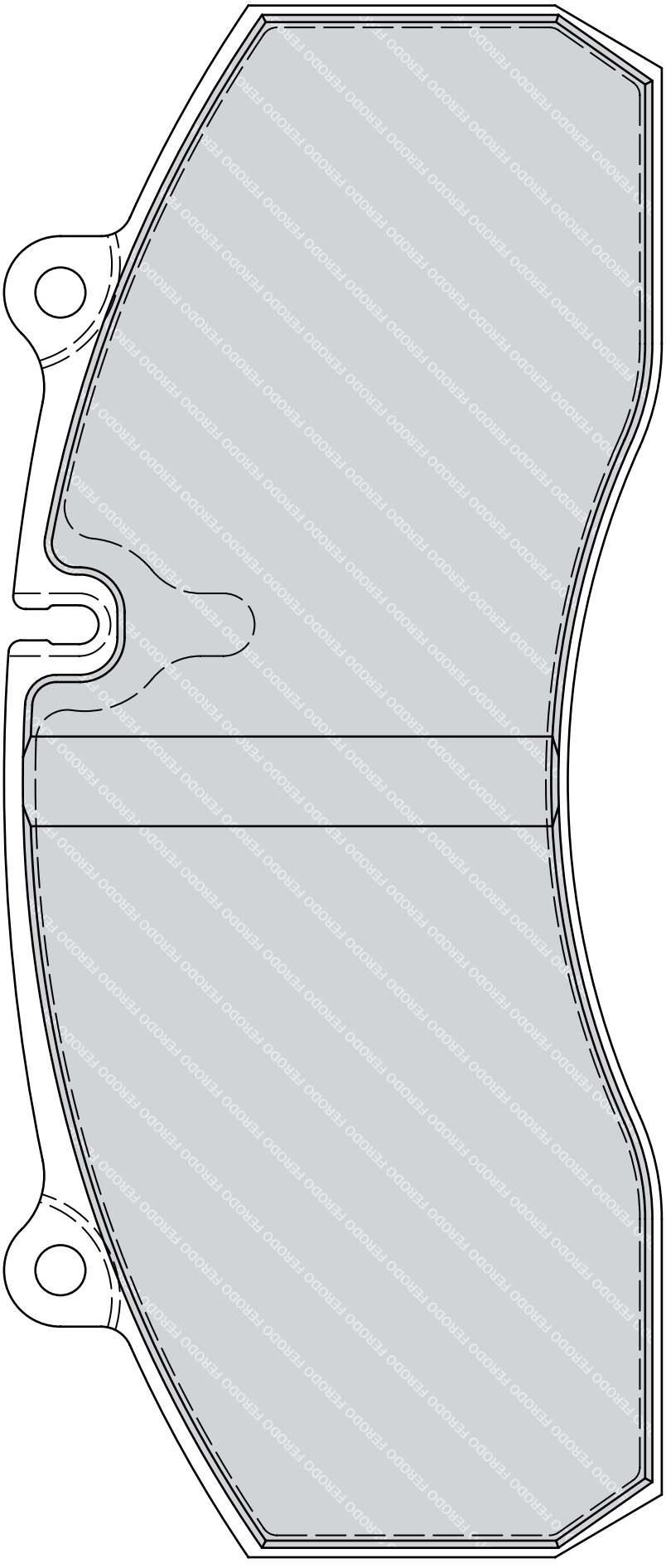
FERODO

FCV1901B 29120

248 105 30 HAL DB22

DISCOS Trailer **GIGANT GROUP** S.A.E. (Dupillier), SMB
HALDEX MK II, MKIII **SAF** All

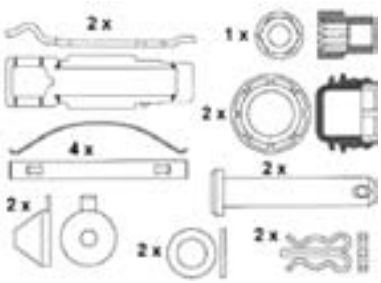


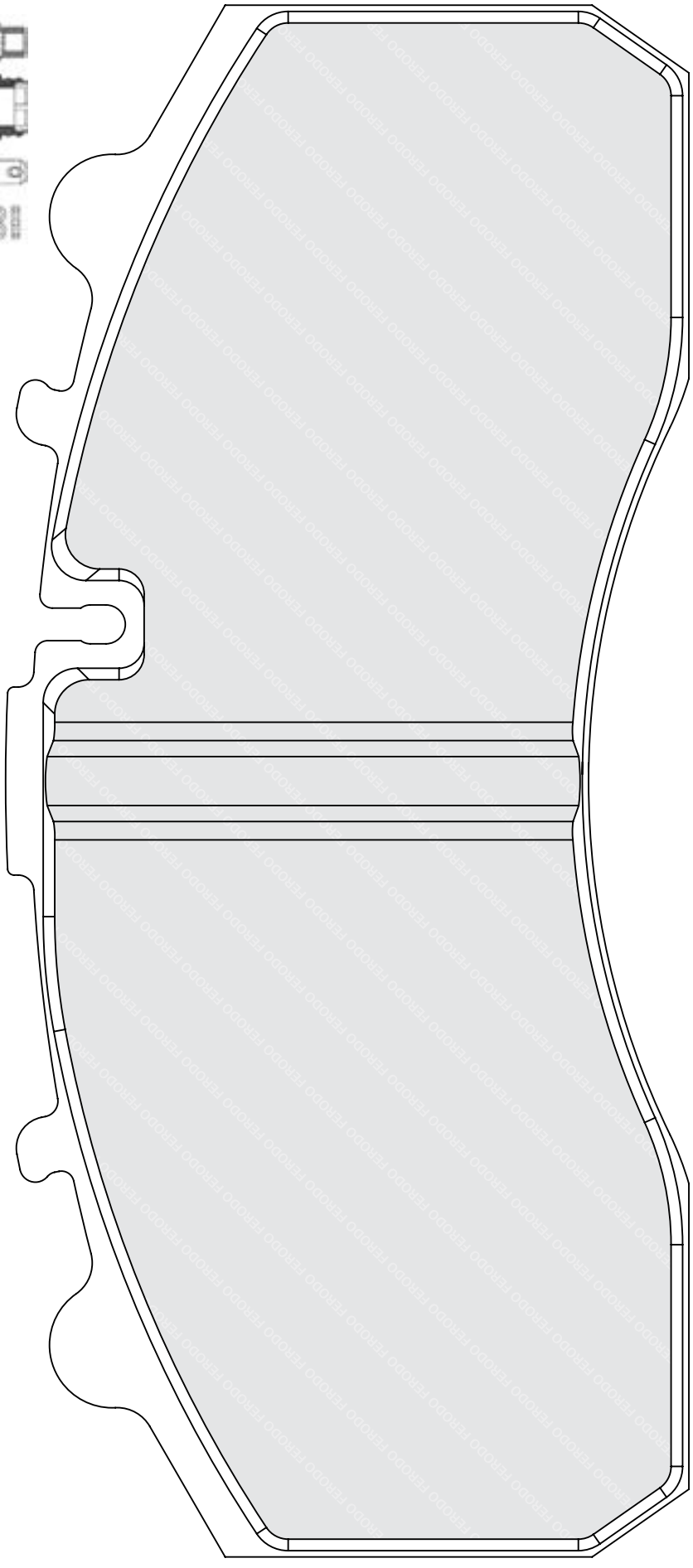


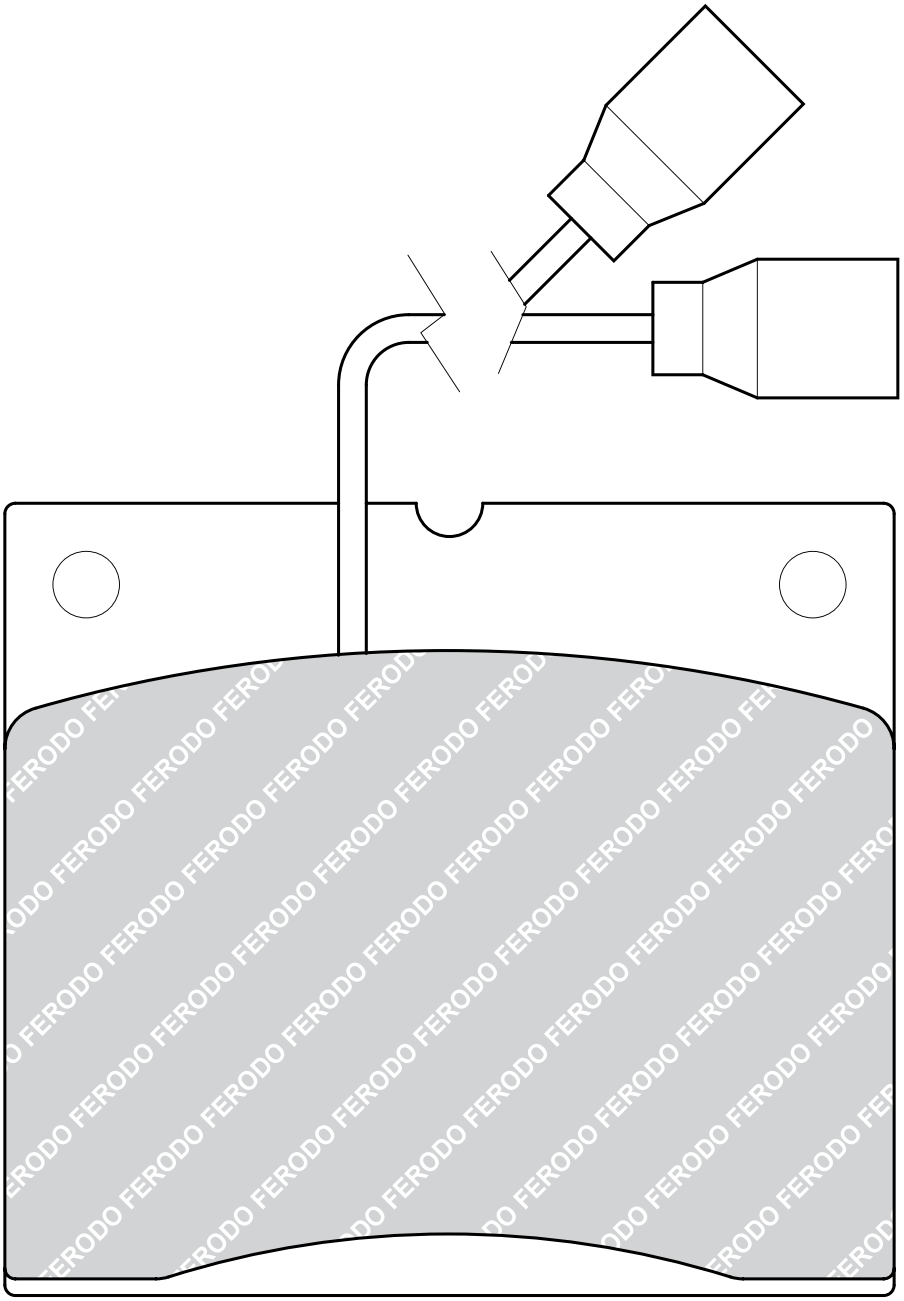
FCV1914FE 29196

248 108 30 KNR SB7600

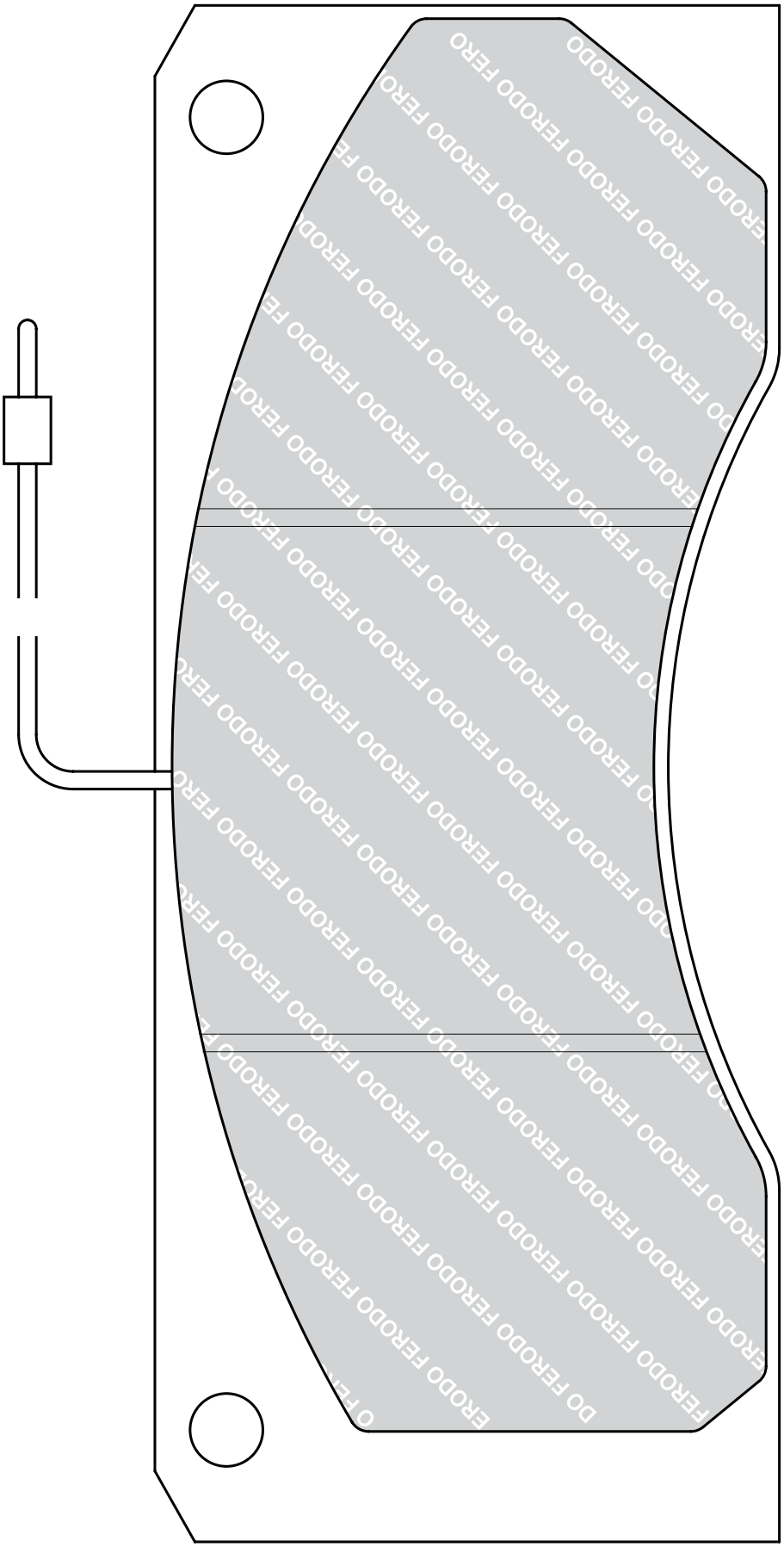
IRISBUS Iveco 391 E- 393E - 397E **IVECO** EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT, EuroTrakker/EuroTrakker Cursor
KNORR-BREMSE All







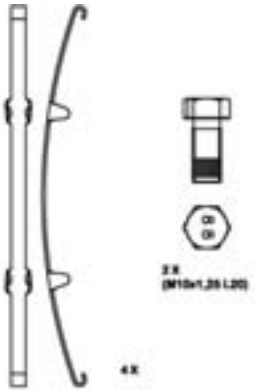
IRISBUS FR1 (5.4M, 5.6M, 6.2M)

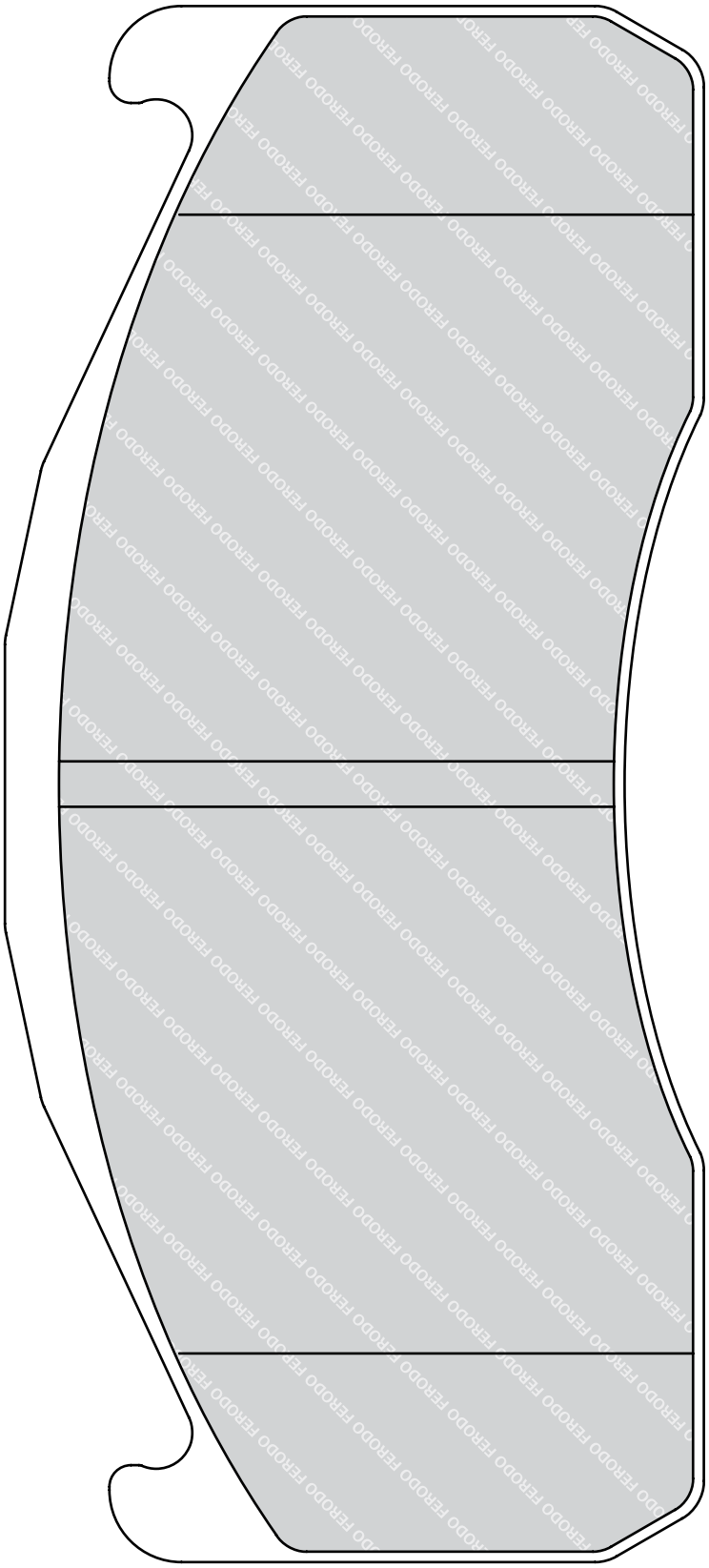


FCV1952B 29151

216 97 29 MER DLE-DUCO

MERITOR All
VOLVO FH-Series:, FM Series

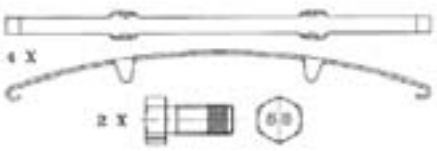


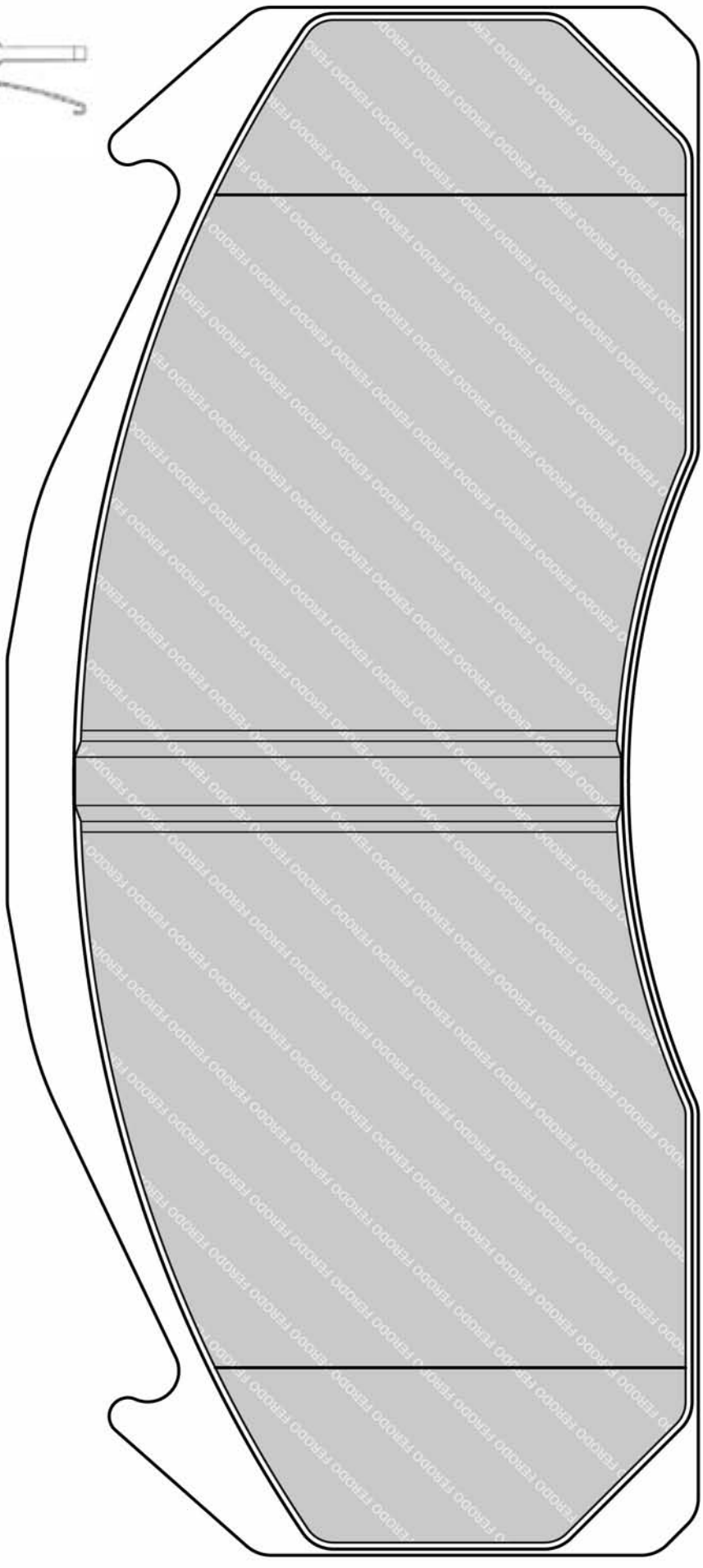


FCV1962B 29125

250 111 29 MER D-DUCO

VOLVO TX (8000.9000)



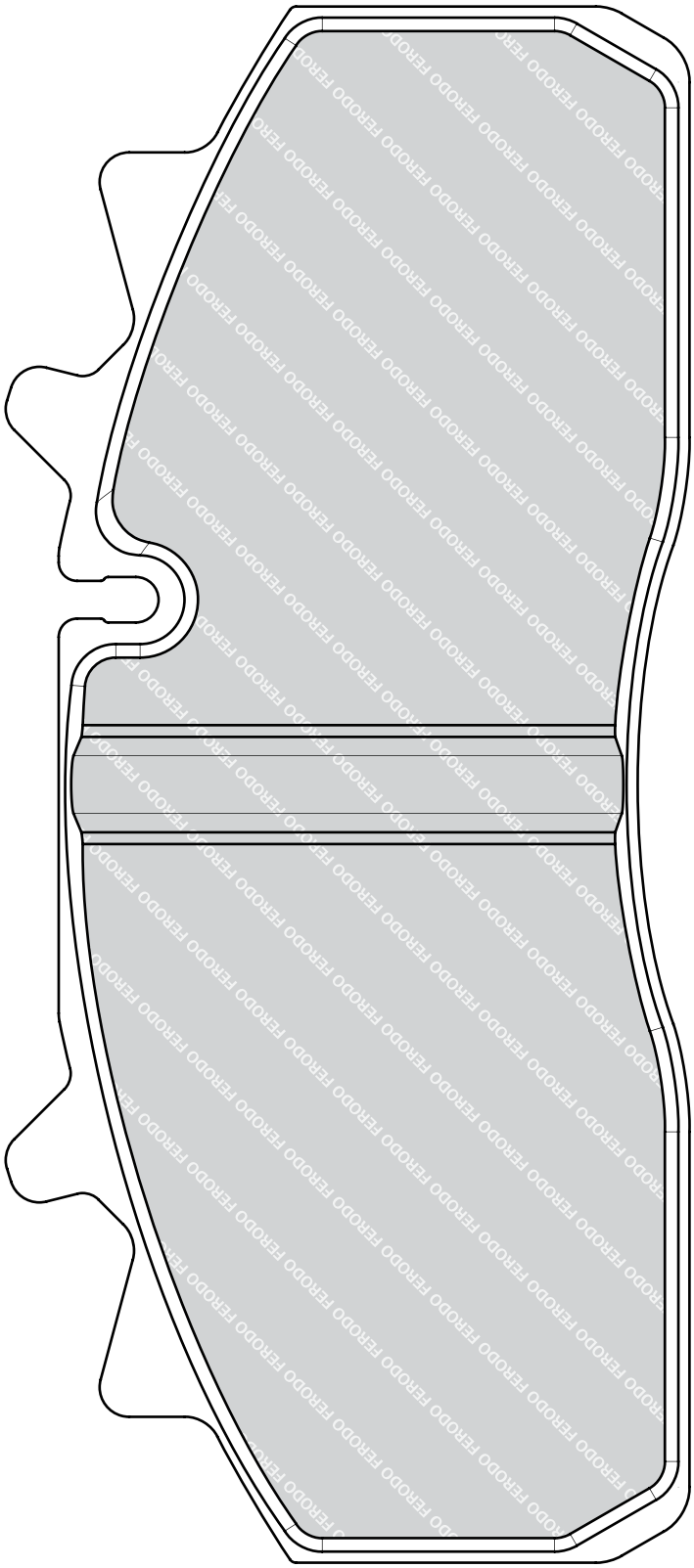


FERODO

FCV1963 29159

211 93 30 WAB PAN 19-1

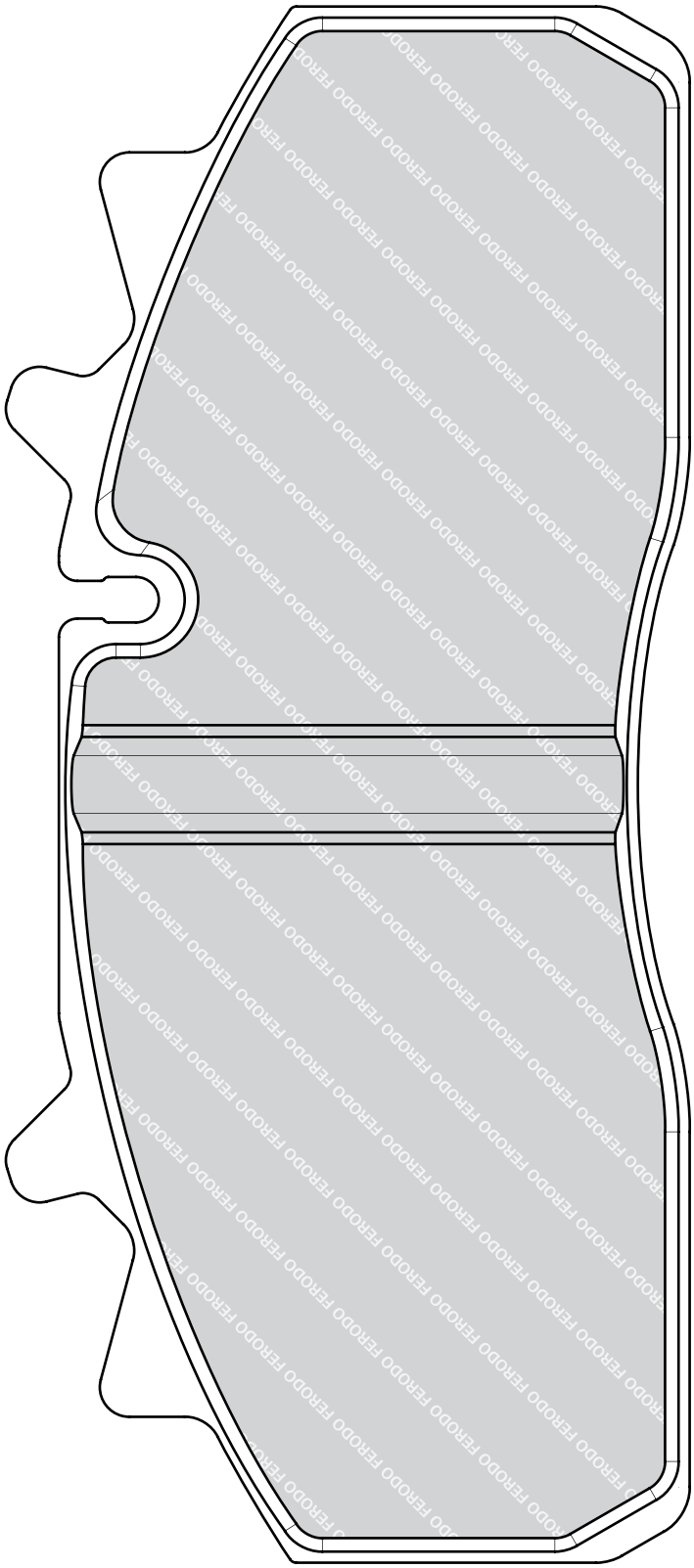
DAF SB230
DENNIS Enviro
WABCO PAN19-1



FCV1964 29159

211 93 30 WAB PAN 19-1

DAF LF 55
SOR SOR 12
WABCO PAN19-1

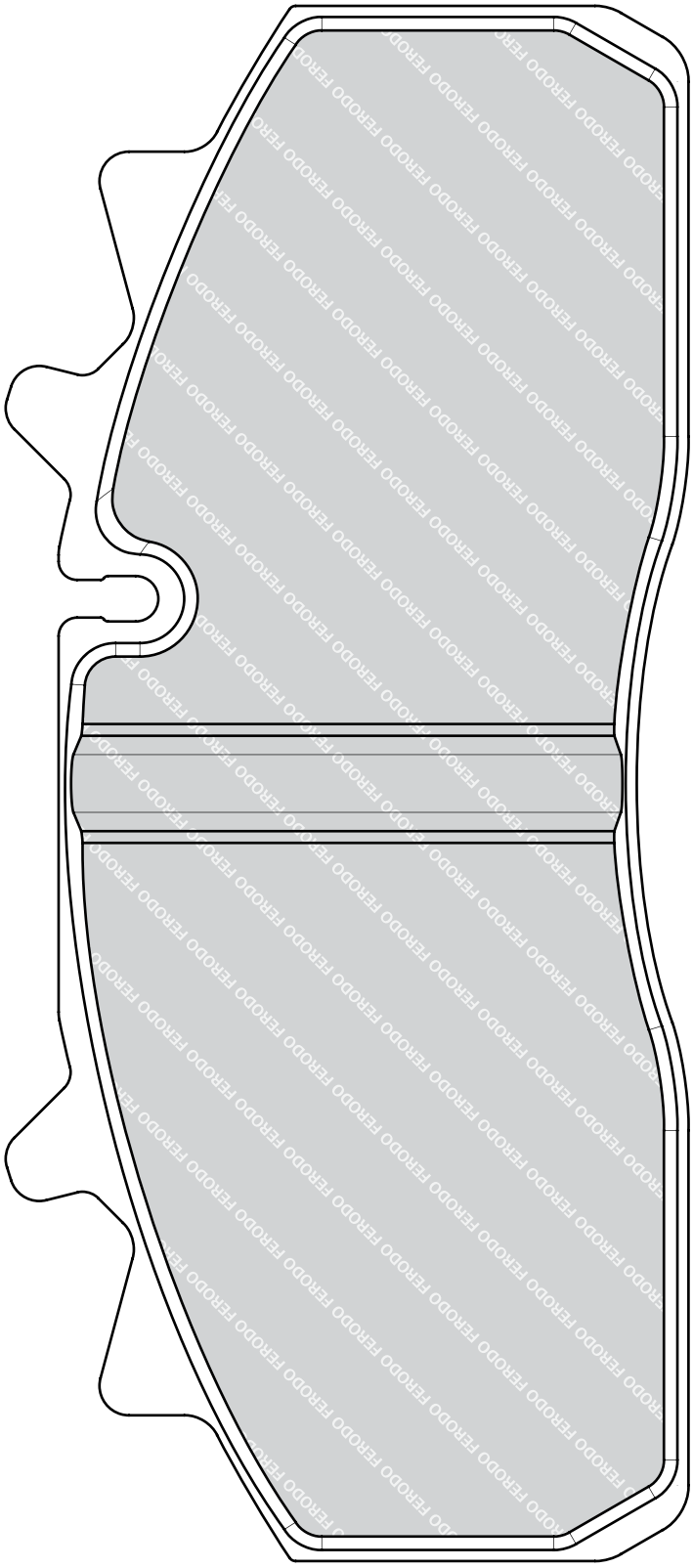


FERODO

FCV4043 29159

211 93 30 WAB PAN 19-1

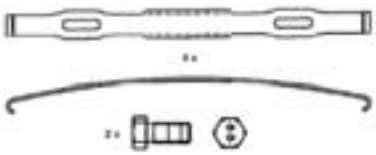
GIGANT GROUP S.A.E. (Dupillier)
PERROT BREMSEN (WABCO) All
SAF All
WABCO PAN19-1

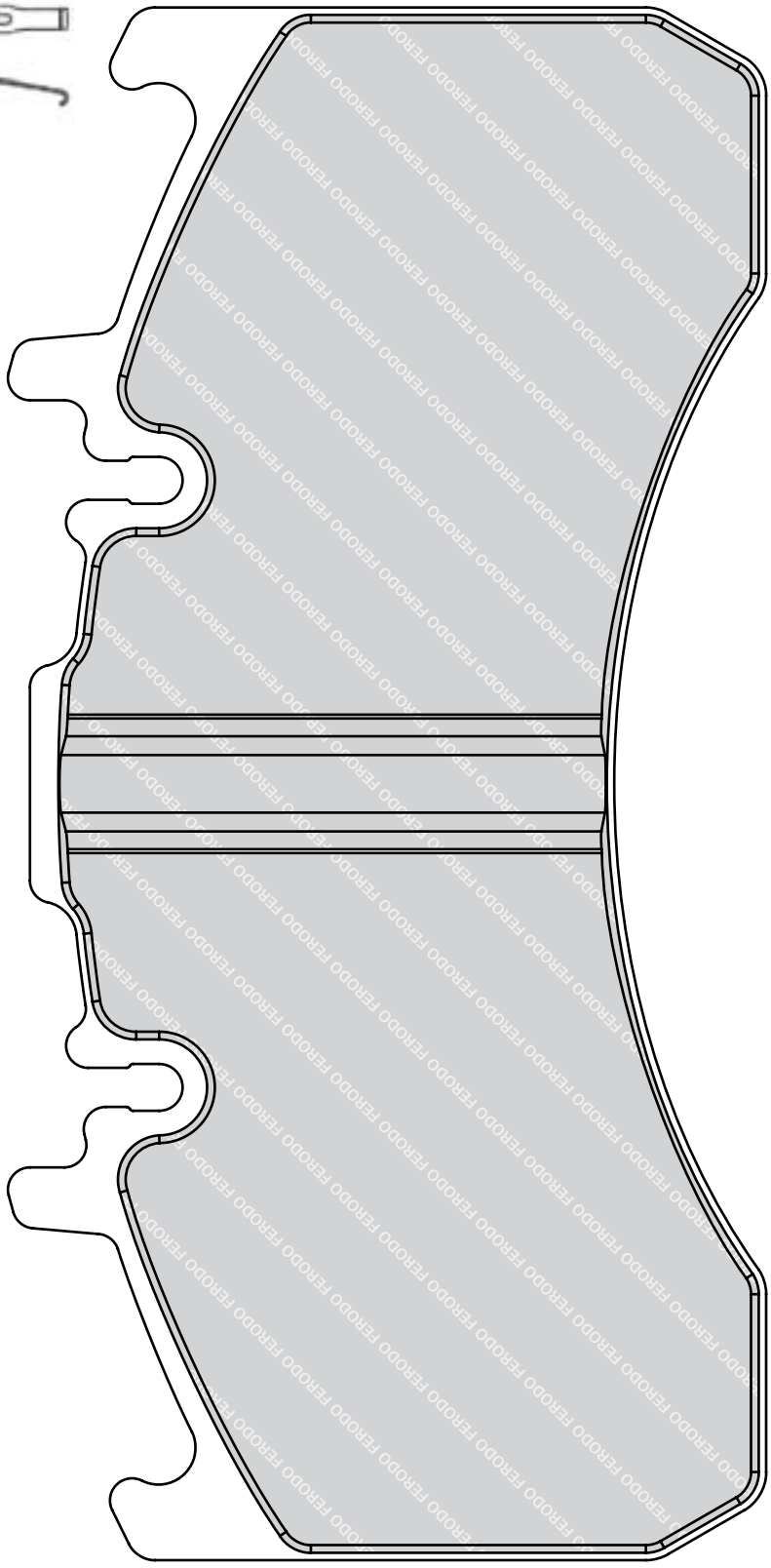


FCV4170B 29177

210 102.6 29 MER VGT195

MERITOR Lift Axles
RENAULT TRUCKS Magnum DXi Series, New Magnum DXi Series, Premium 2 (Distribution/Route)
VOLVO FH-Series:

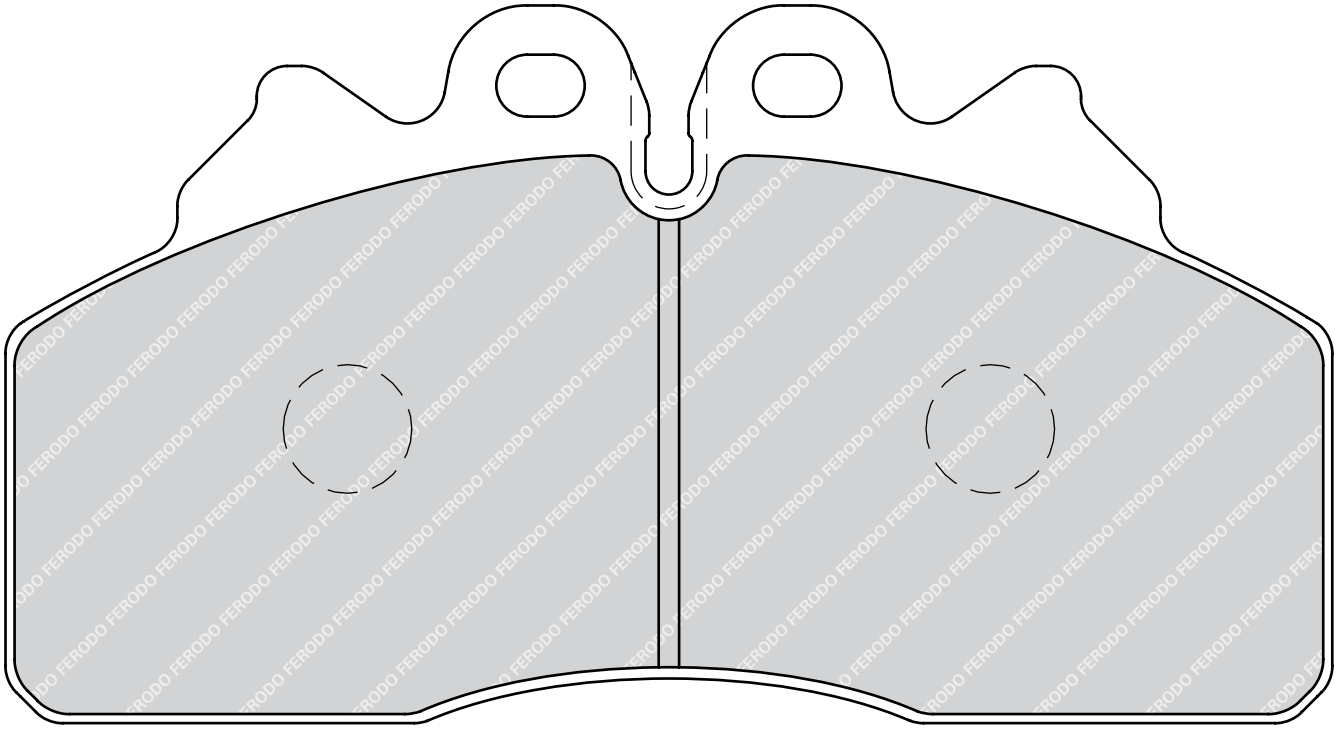




FCV4254 29256

175.4 | 95 | 27 | BRE 2X68

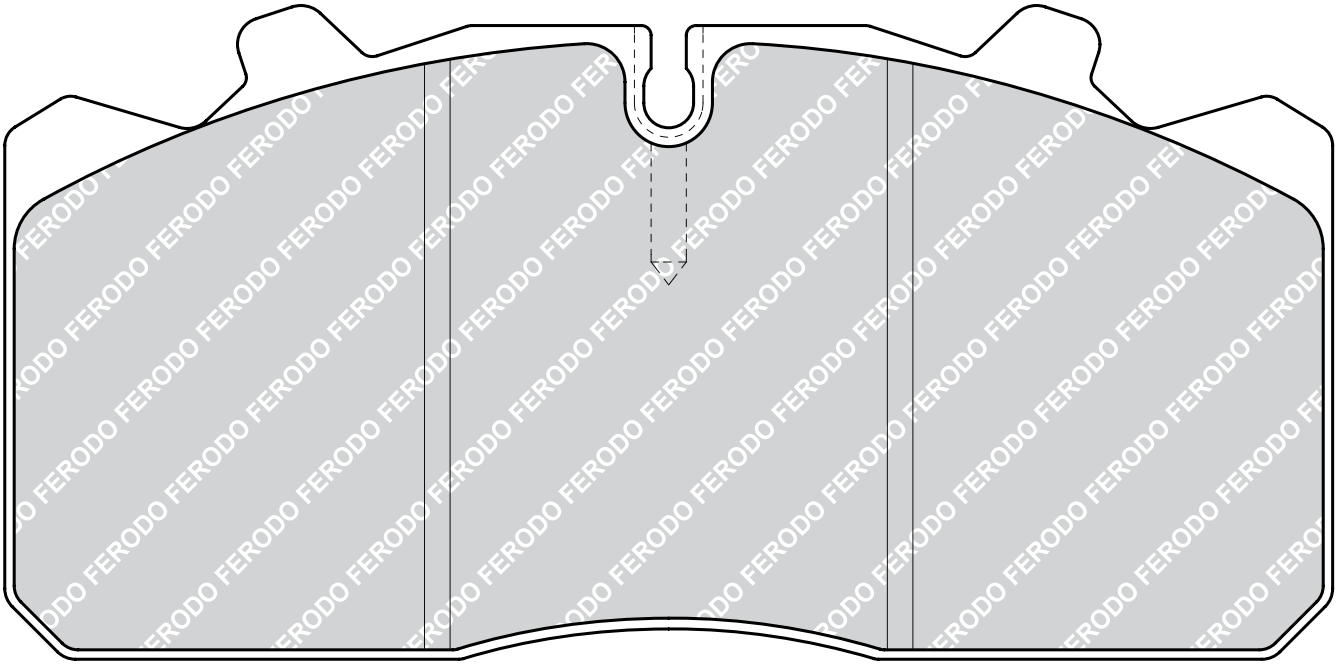
IVECO EuroCargo



FCV4283 29088

176 | 83 | 26 | WAB PAN17

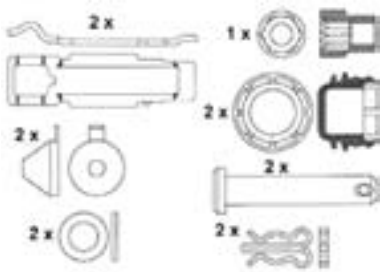
MAN L2000 Series:, L2000-Series (LE Evolution), M2000-L Series
PERROT BREMSEN (WABCO) All
WABCO PAN17

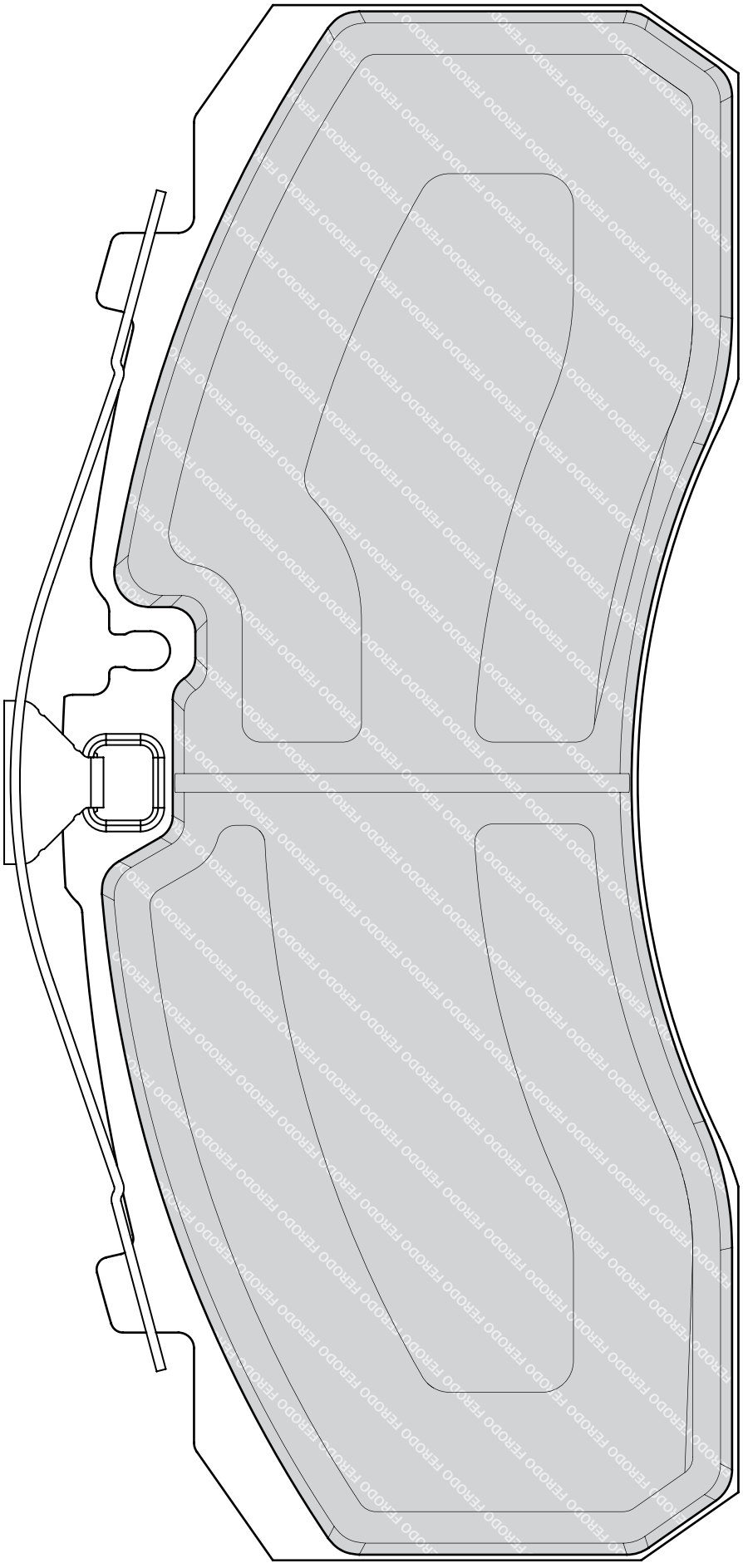


FCV4296PTS 29253

248 | 109.5 | 30 | KNR SB/SN7

BERKHOF PSV Excellence, Scania Chassis
DENNIS R Series
DISCOS Trailer
ERF ECS/ECT/ECX
FODEN Alpha
GIGANT GROUP SMB
IRISBUS Karosa , Karosa B940 Articulated
IVECO EuroCargo, EuroCargo Tector, EuroStar, EuroTech MH, EuroTrakker/EuroTrakker Cursor, Stralis
KAROSA B930, B940 Articulated
KNORR-BREMSE All
LIAZ 400
MAN Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, TG-A Series:, TGM Series, TGS, TGX, UL
MERCEDES-BENZ Actros I, Actros II/III, Atego II, Axor, Econic, Powerliner Series, Tourismo (O 350), Travego (O 580)
OPTARE Solero
SAMRO Axles with Disc Brakes
SCANIA All
SEDDON ATKINSON Municipal Vehicles
SETRA Comfortclass 400, Multiclass 300, TopClass 300, TopClass 400
VAN HOOL All
ZF All

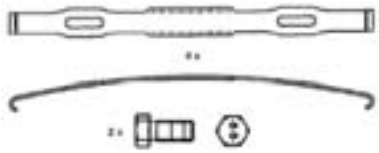


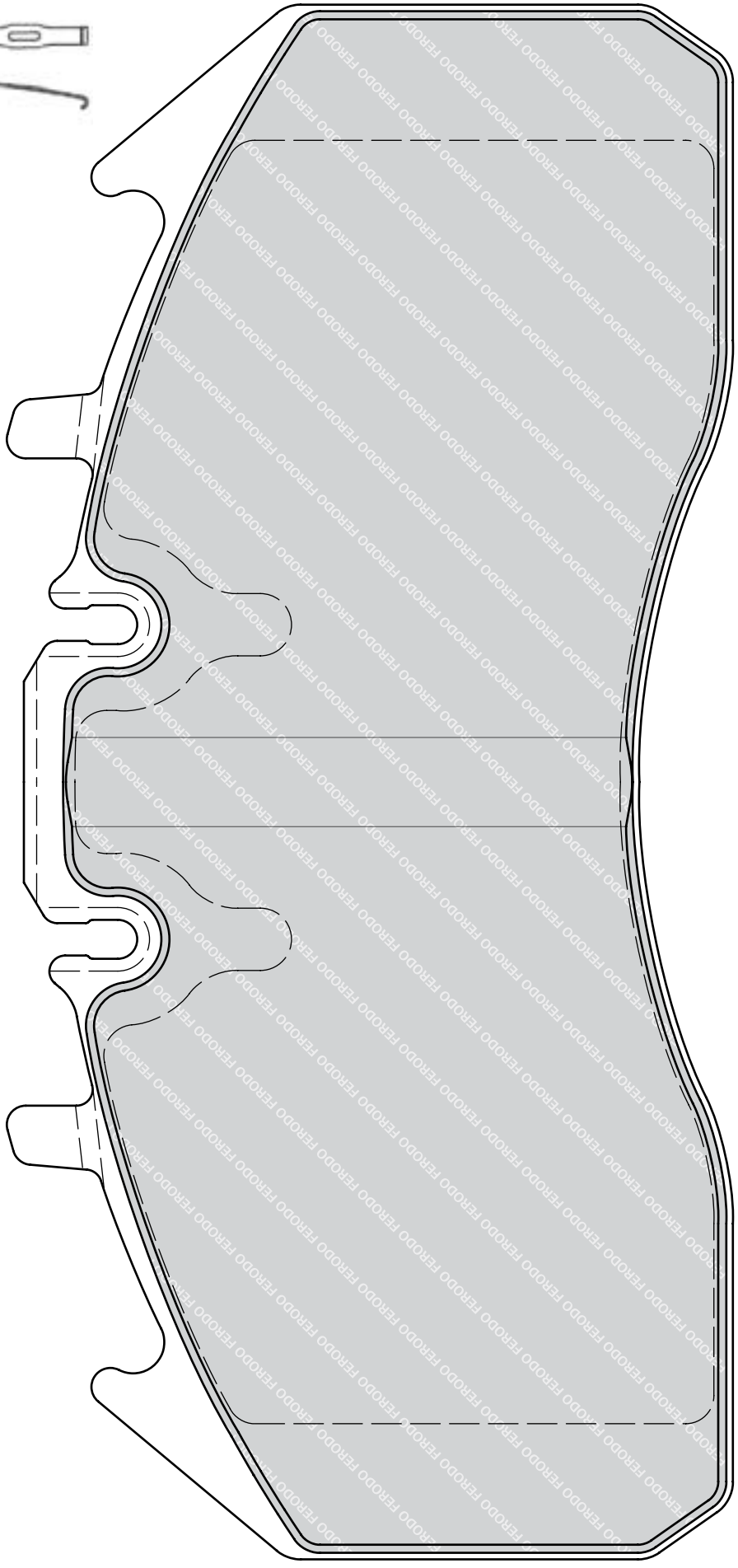


FCV4311B 29187

249.4 | 114 | 29 | MER EX225H2

MERITOR All
OPTARE Tempo

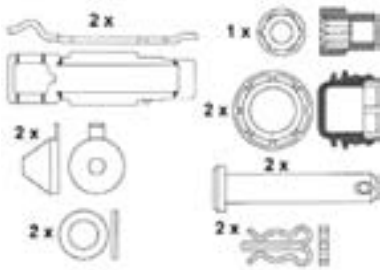


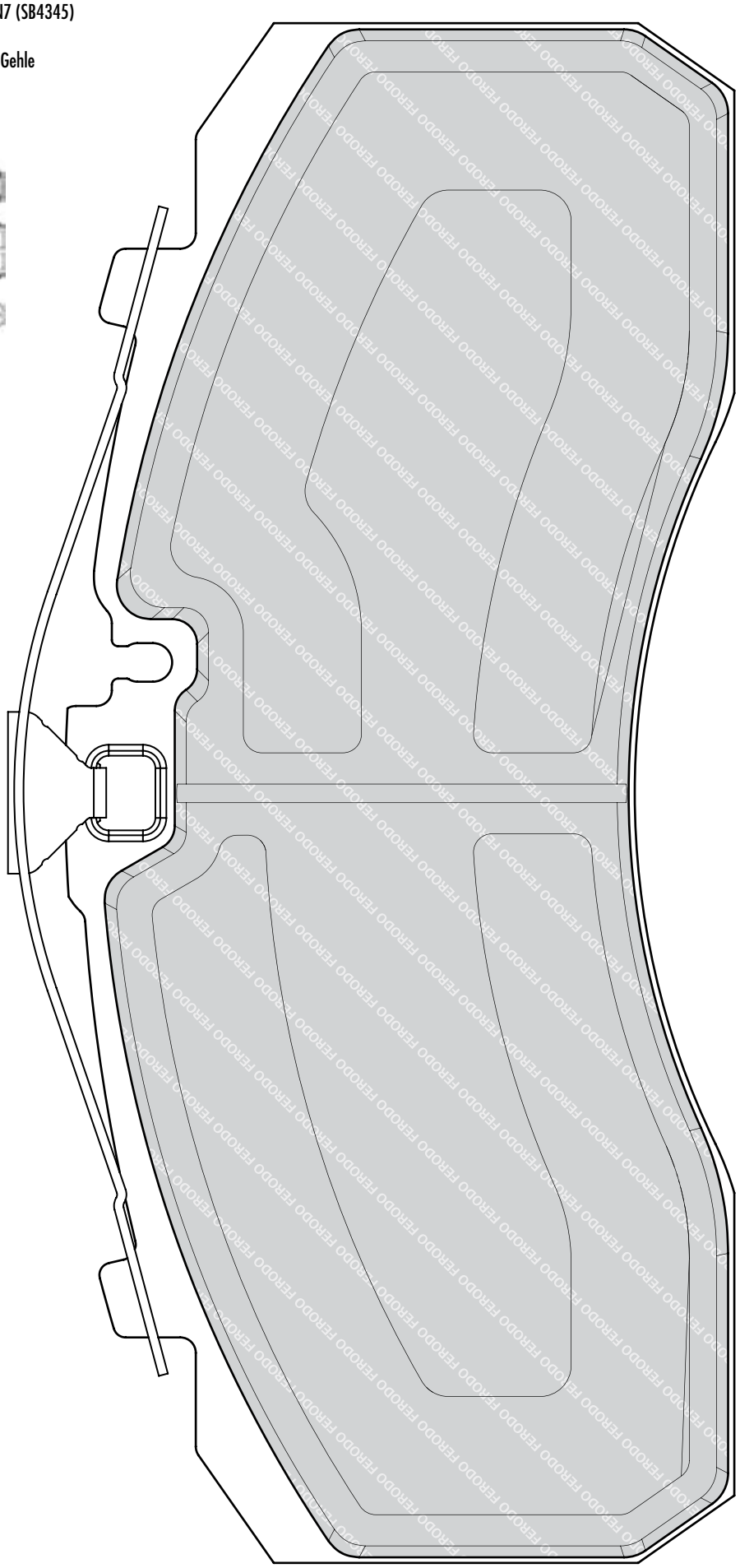


FCV4344PTS 29253

248 | 109.5 | 30 | KNR SB/SN7

ACERBI All
BPW Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345)
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), Trenkamp & Gehle
GRANNING LYNX All
KNORR-BREMSE All
SAF All

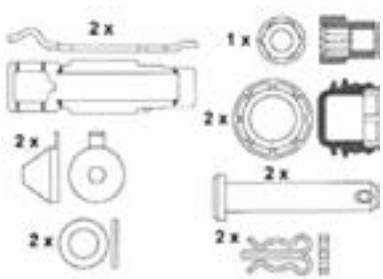


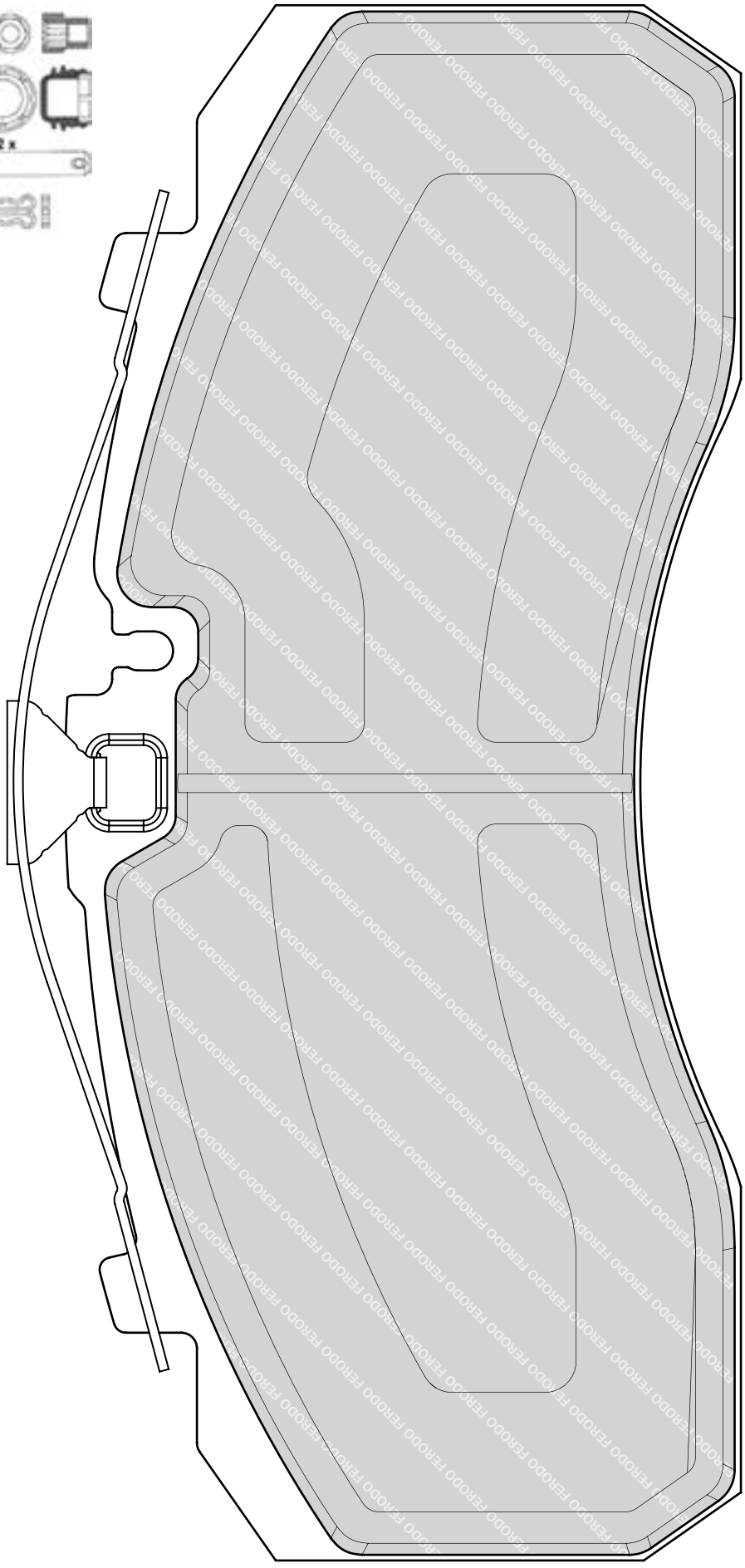


FCV4345PTS 29253

248 | 109.5 | 30 | KNR SB/SN7

DAF 65 CF Series, 75 CF-Series, 85 CF-Series, LF 55, XF 95, XF105
KNORR-BREMSE All

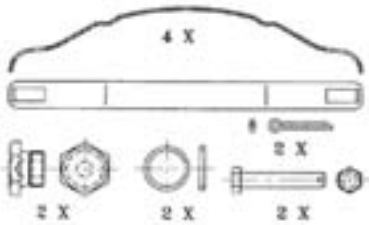


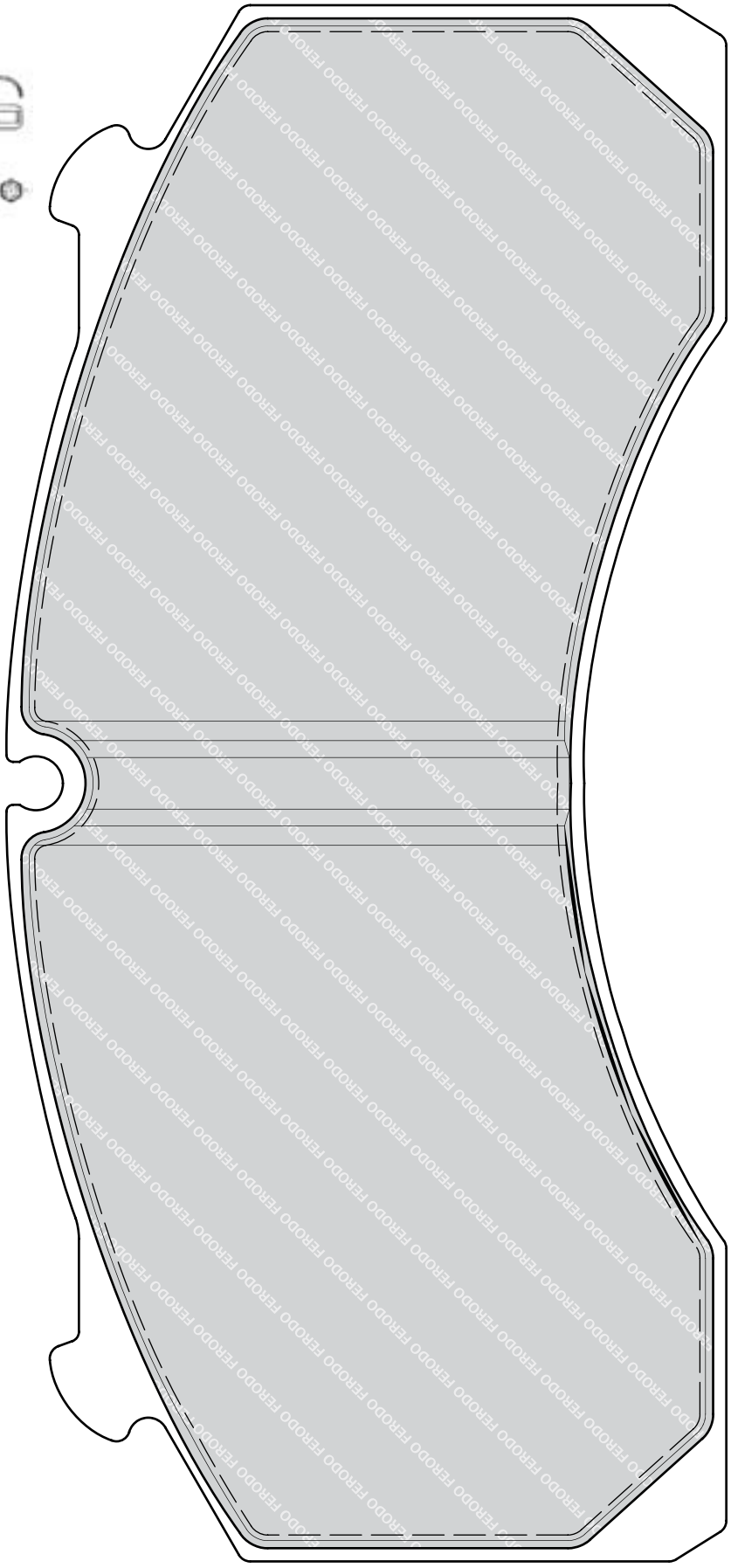


FCV4352B 29180

235.5 | 109 | 29 | MER DX225

MERITOR All

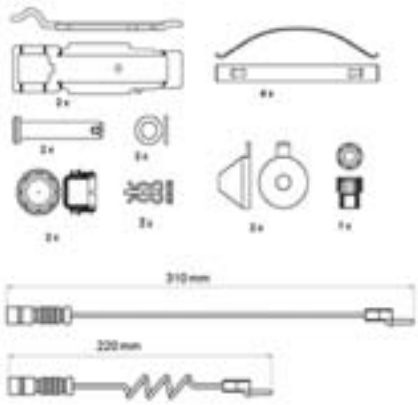


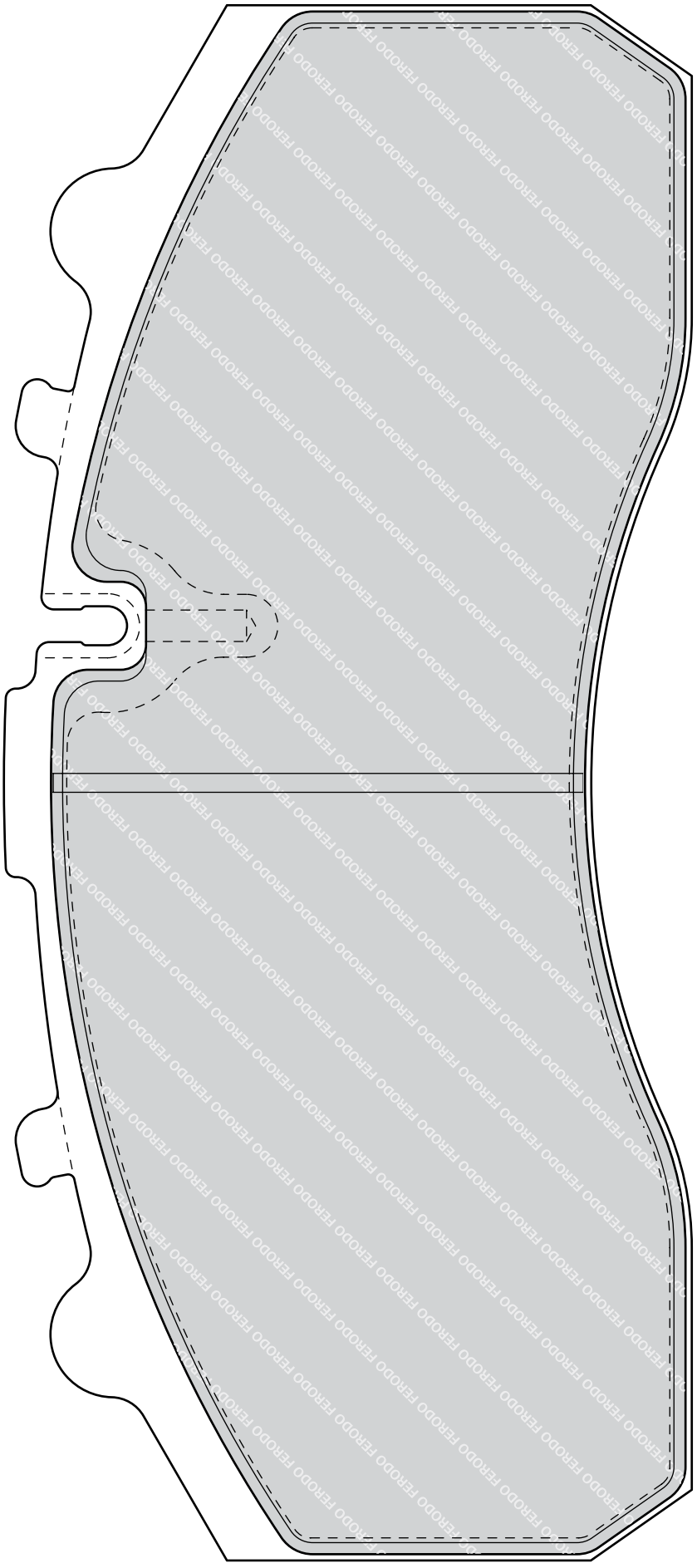


FCV4374BFE 29179

248 | 109 | 30 | KNR SB/SN7 | included

BOVA Futura, Futura (3-Axle)
KNORR-BREMSE All

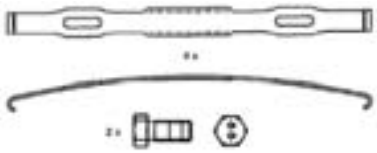


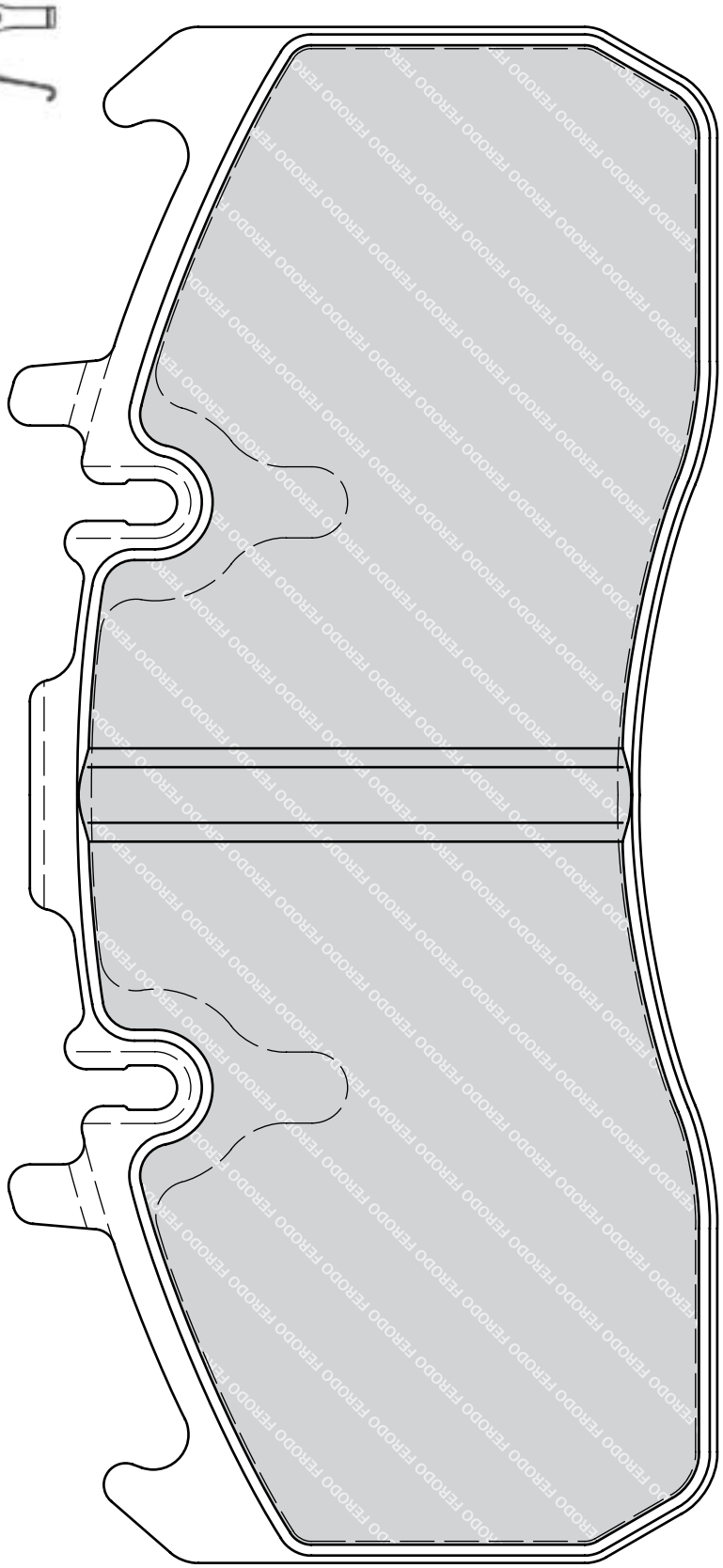


FCV4377B 29203

216 99.6 29 MER Elsa225-1

MERITOR All
RENAULT TRUCKS New Midlum Series
VOLVO FL Series

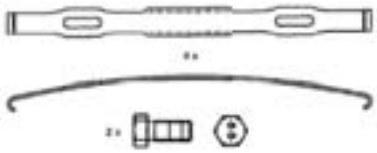


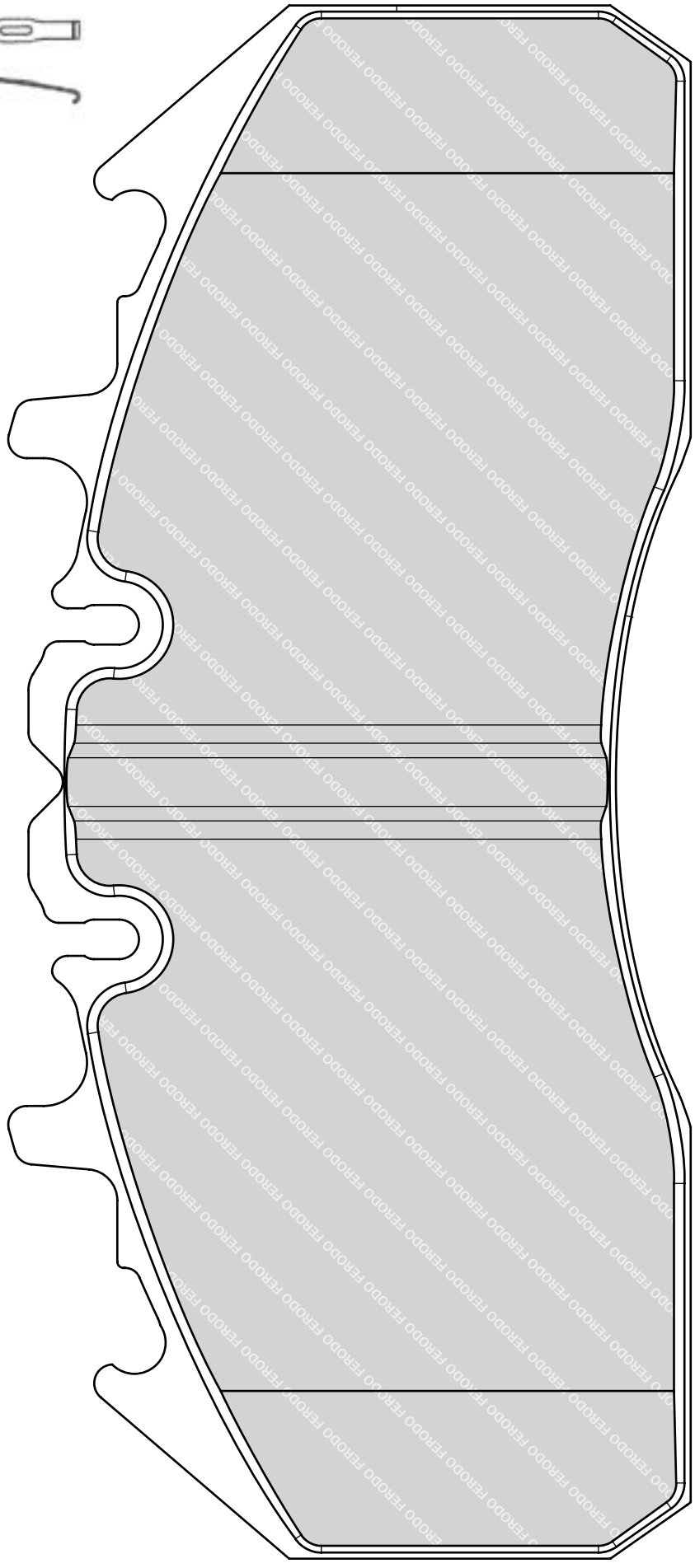


FCV4378BFE 29218

249 109.5 29 MER Elsa225-3

MERITOR All **RENAULT TRUCKS** Magnum DXi Series, New Magnum DXi Series, Premium 2 (Distribution/Route)
VOLVO B 12-Series:, B7000-Series:, B8000-Series:, B9000-Series:, FE-Series:, FH-Series:, FM Series



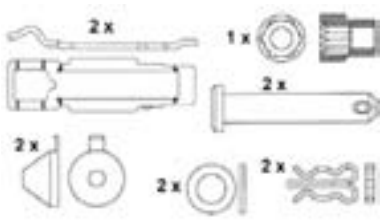


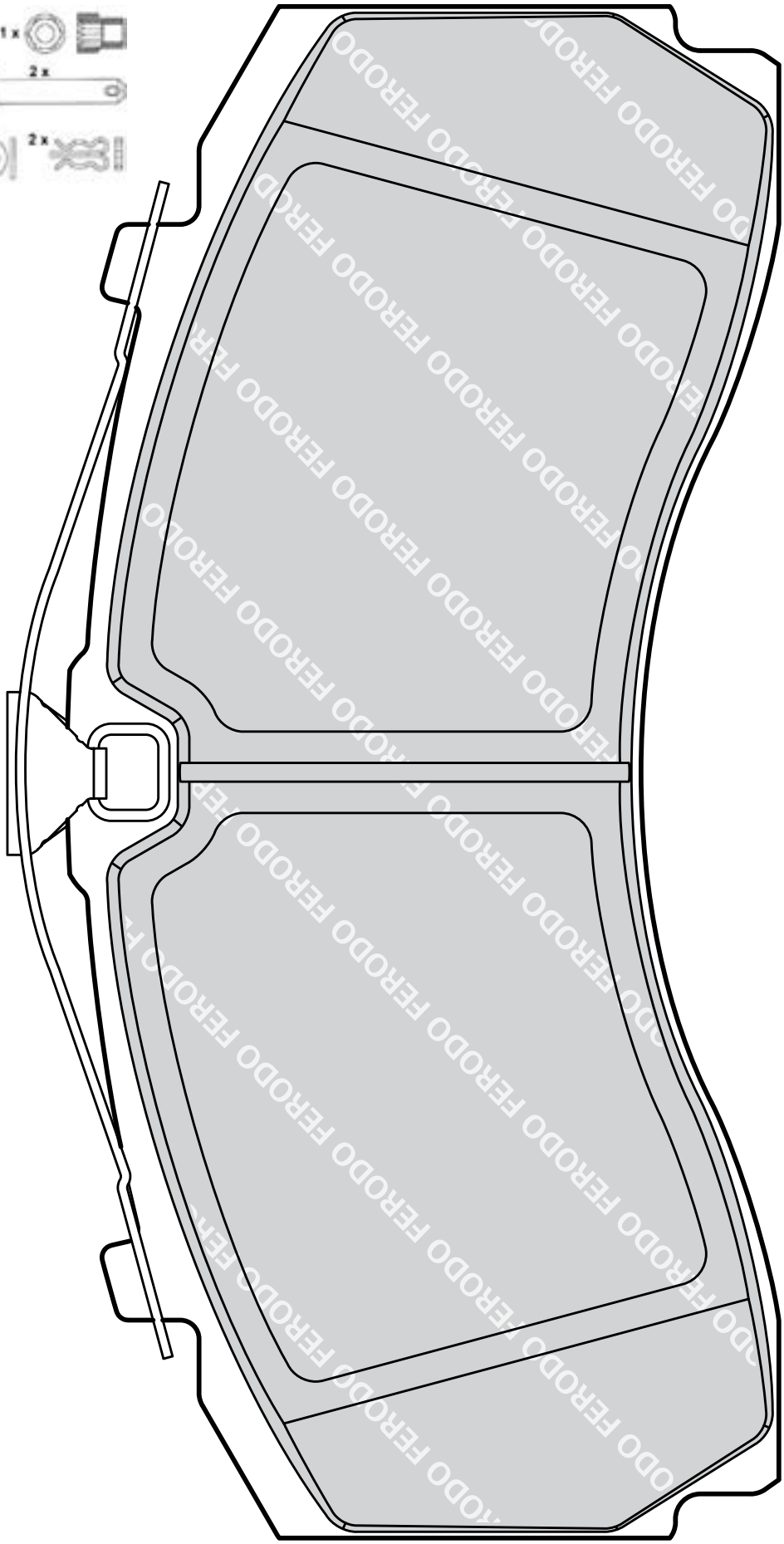
FERODO

FCV4417PTS 29246/29247

244.6 | 113.7 | 30/35 | KNR SM7

KNORR-BREMSE All
MERCEDES-BENZ Actros 2010, Actros 2011

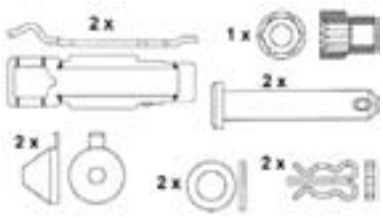


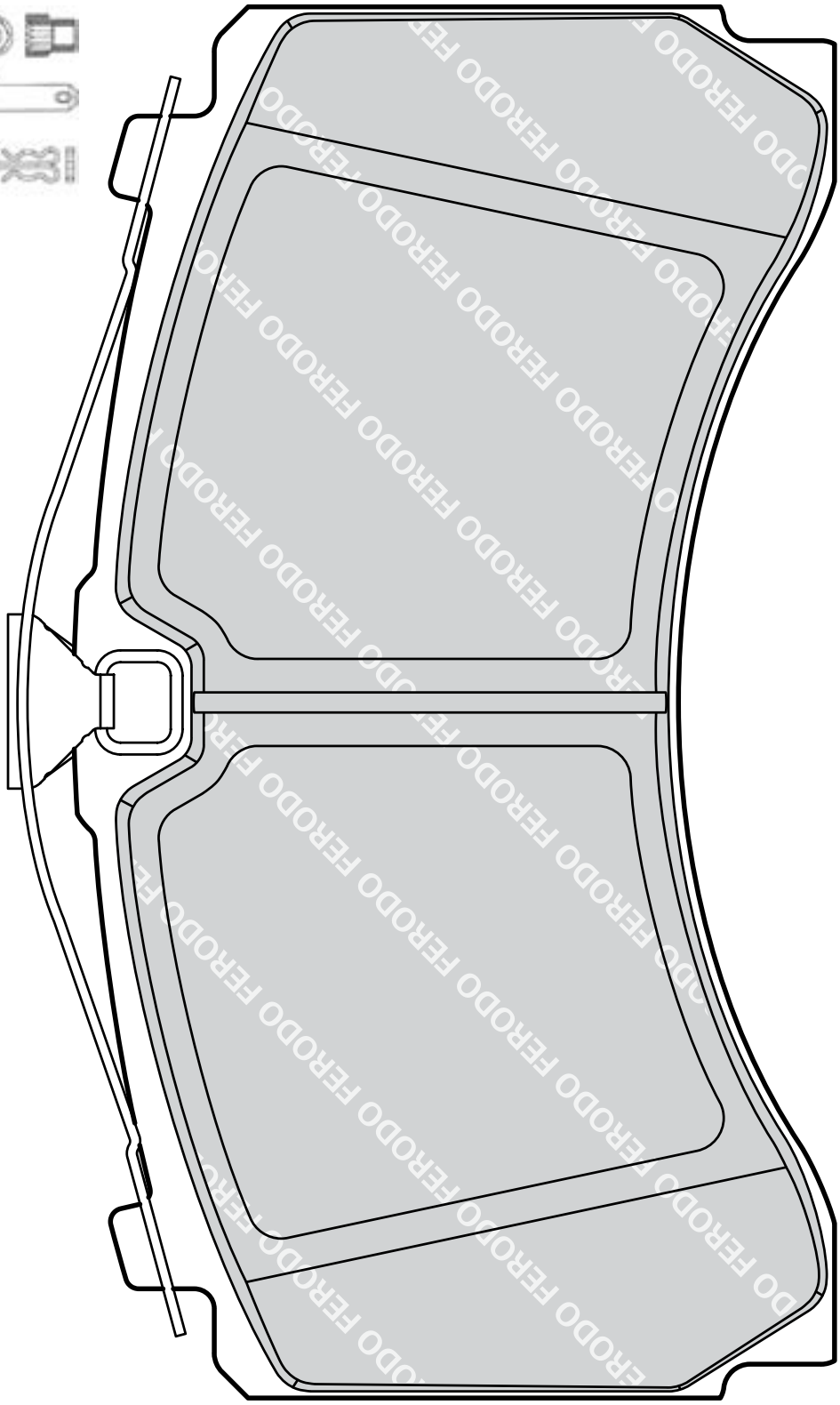


FCV4418PTS 29244/29245

207.6 | 113.7 | 30/35 | KNR SL7

KNORR-BREMSE All
MERCEDES-BENZ Actros 2010, Actros 2011

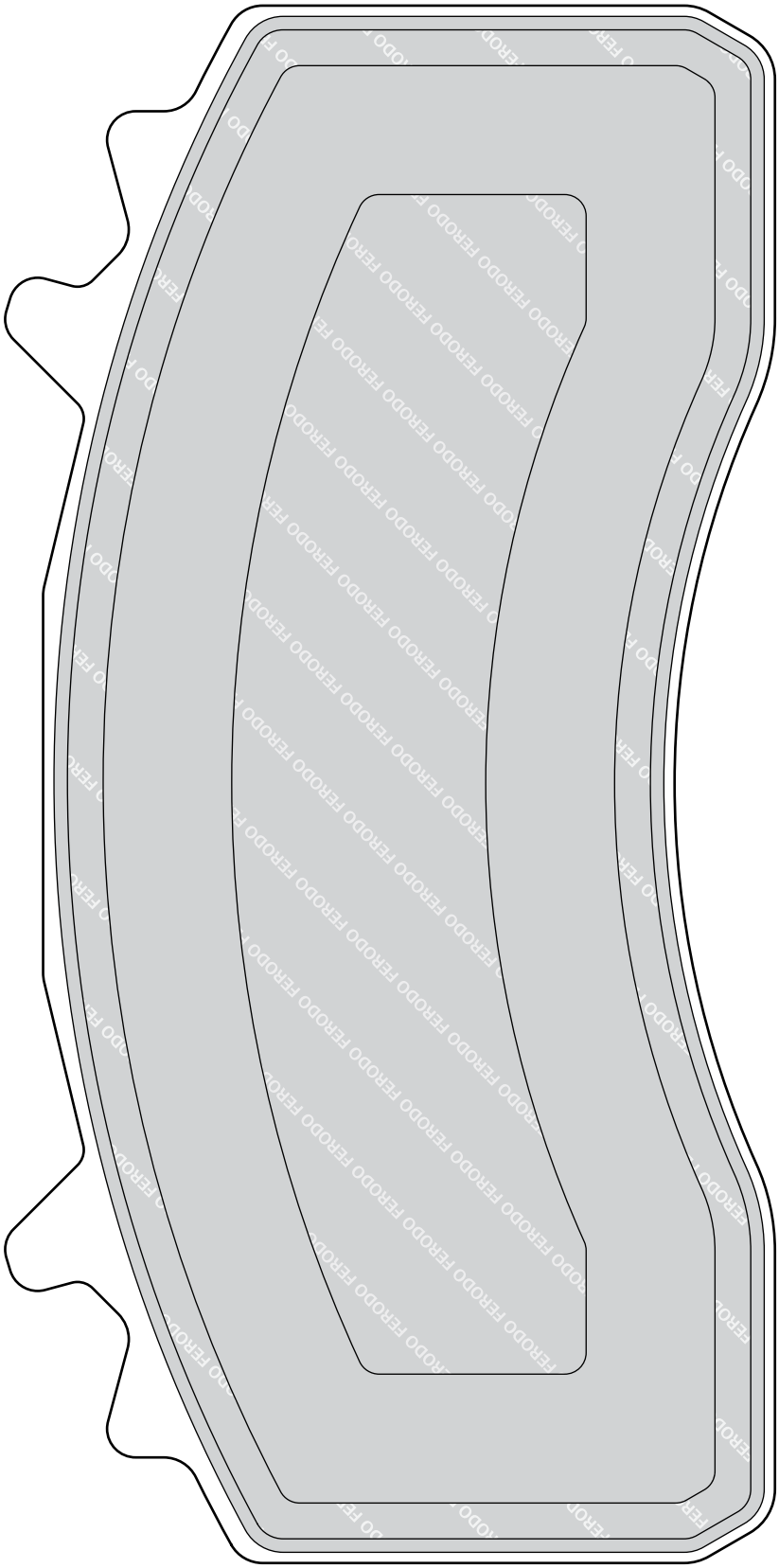




FCV4419 29279

217.5 107.6 30.5 WAB NG22MAX

MAN 22.5 wheel vehicles

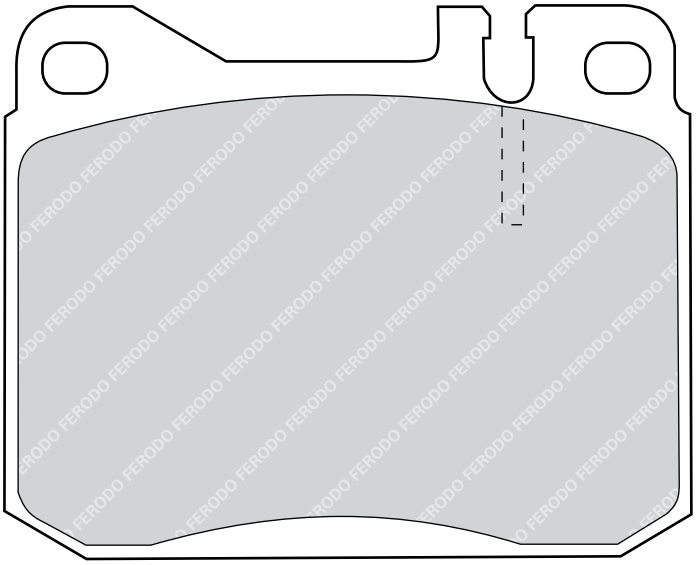


FERODO

FDB143 20392/29581

90 | 74 | 15 | ATE

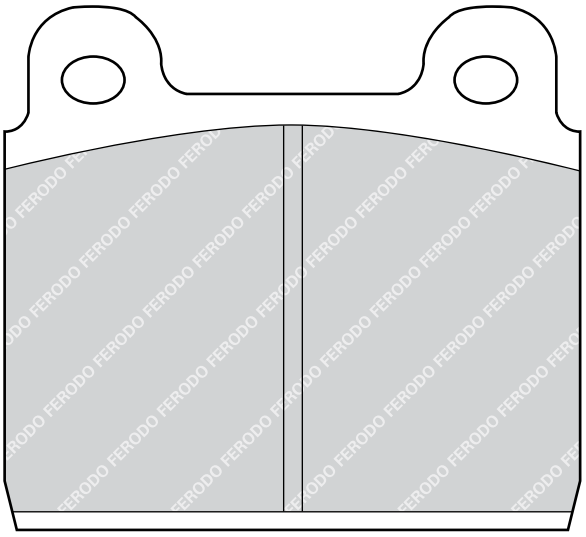
MERCEDES-BENZ MB-Trac, Unimog



FVR84 20011

77 | 70 | 18.5 | ATE

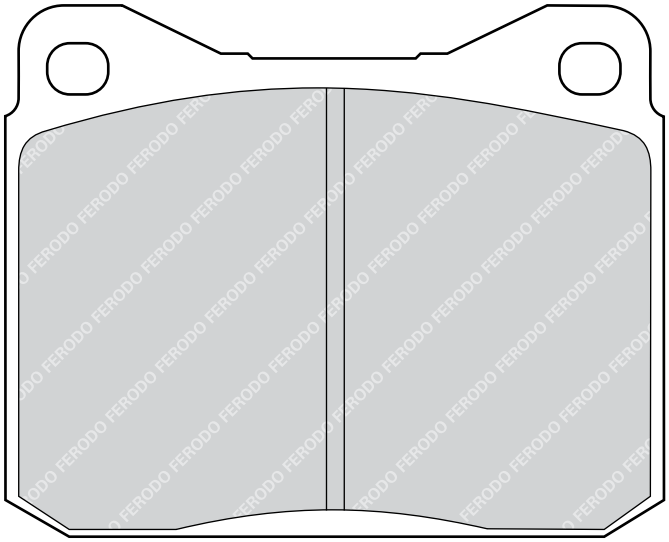
ATE BREMSEN All
VOLKSWAGEN Transpoter T3



FVR129 20280

90 | 74 | 18.2 | ATE

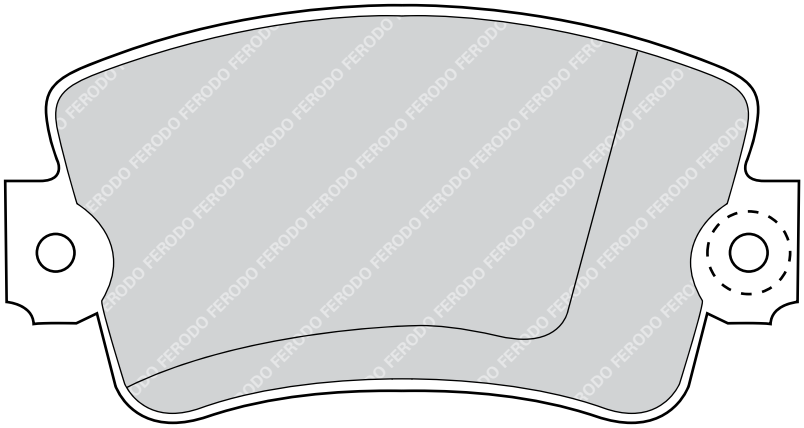
VOLKSWAGEN LT I (281-363,291-512)



FVR179 20488/20570/20571

105 | 56 | 18.5 | BDX | loose (2)

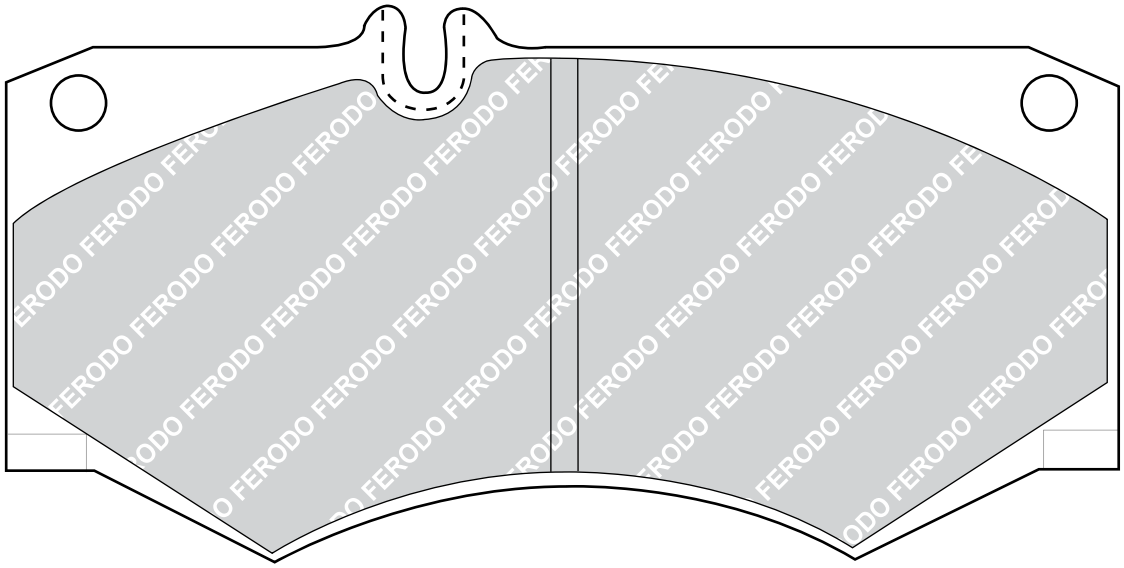
RENAULT Trafic I



FVR239 29784

149 | 74 | 18 | PER

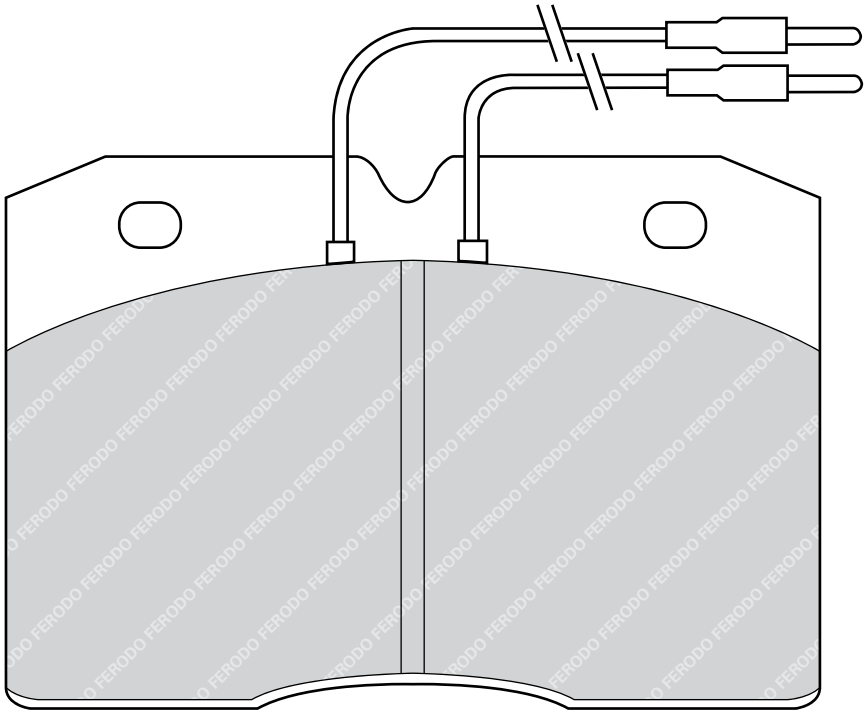
MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/L, T 2/LN1



FVR377 21048/21049

110 | 74 | 18.3 | BRE | fitted (4)

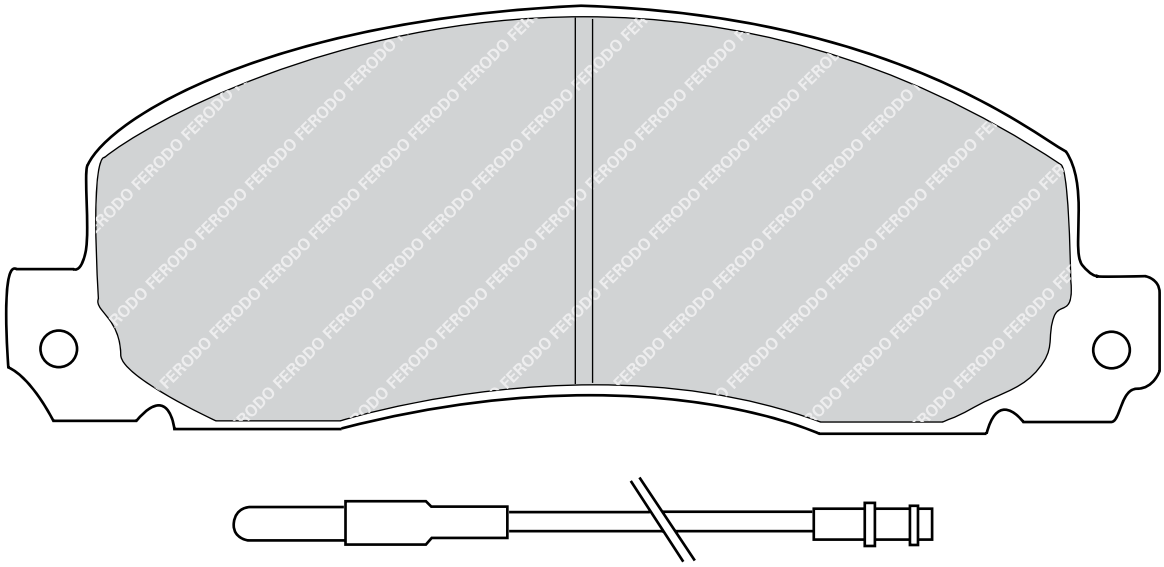
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR414 20926

154 | 56 | 18.5 | BDX | loose (2)

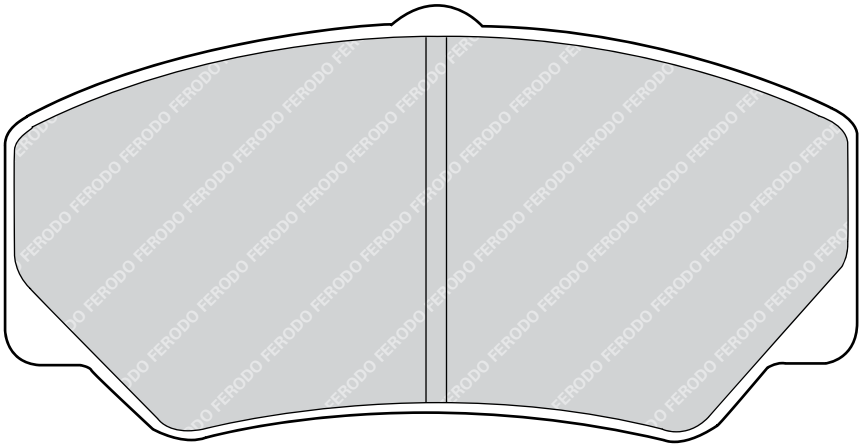
RENAULT Trafic I



FVR450 21141

114 58 18 BDX

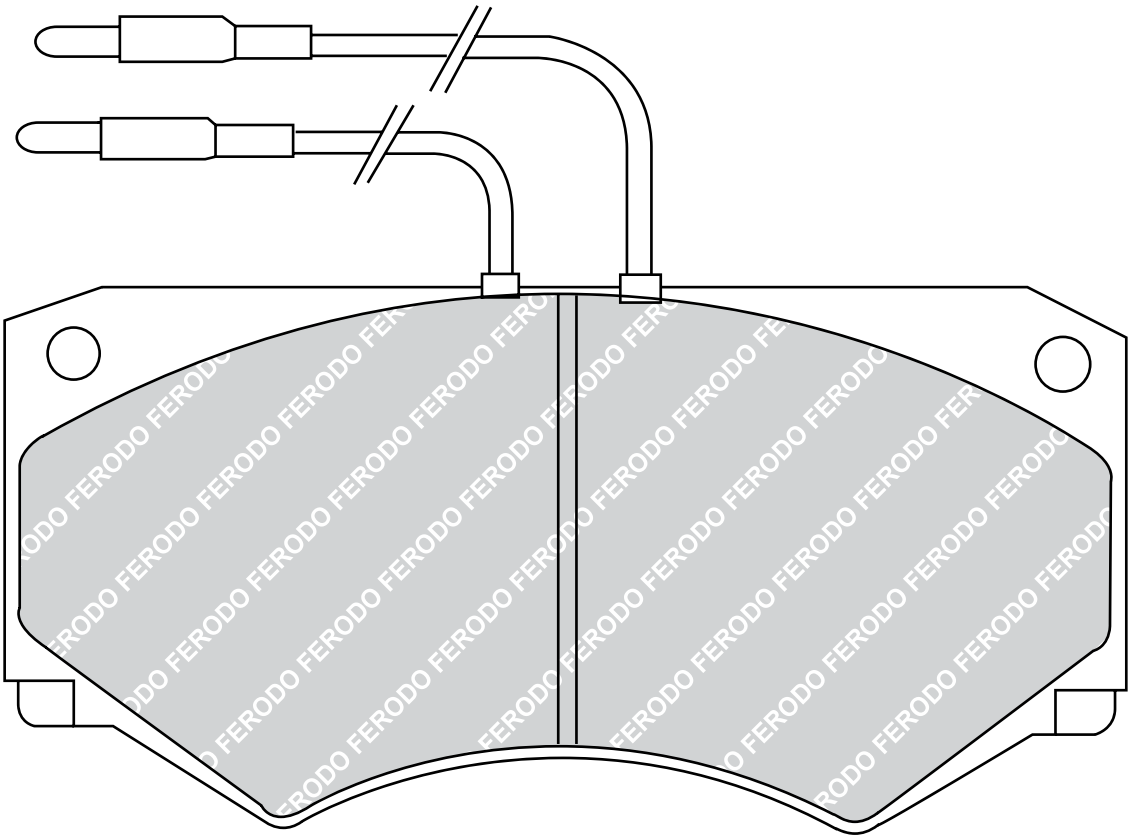
FORD Transit III



FVR492 21006

149 69 18 WAB fitted (4)

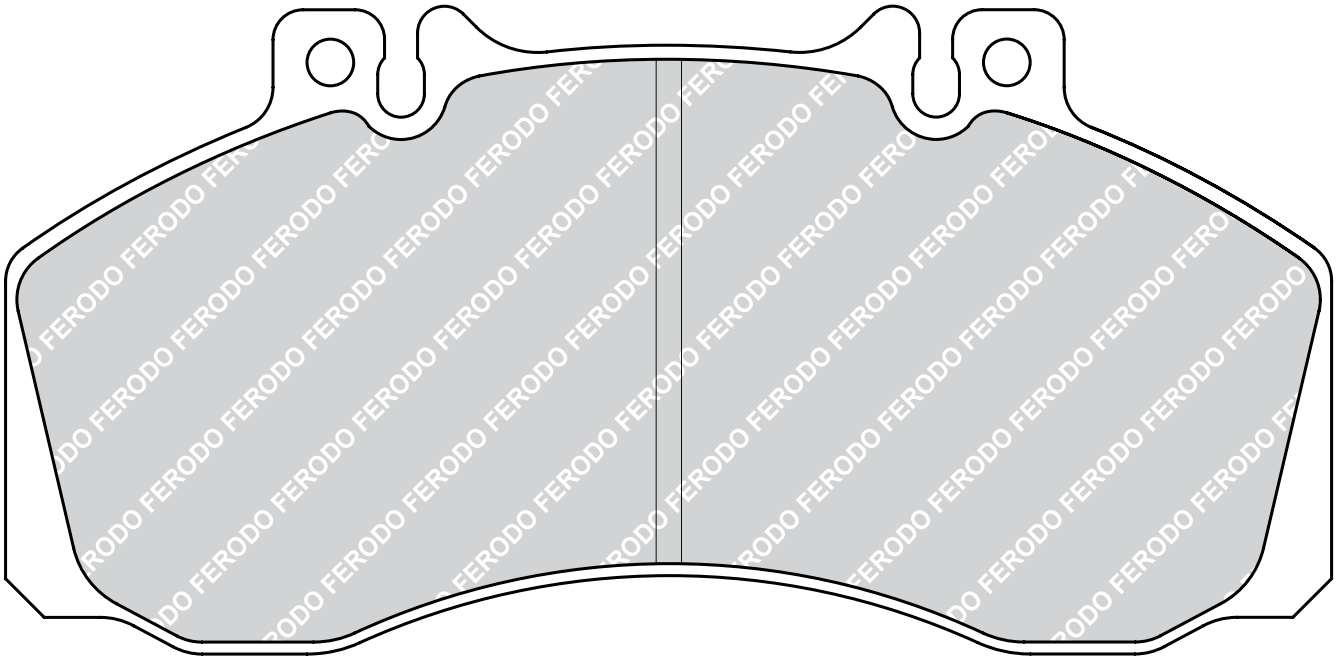
IVECO Daily I 78→99
PERROT BREMSEN (WABCO) All



FVR501 29835

175 | 85 | 22 | MER

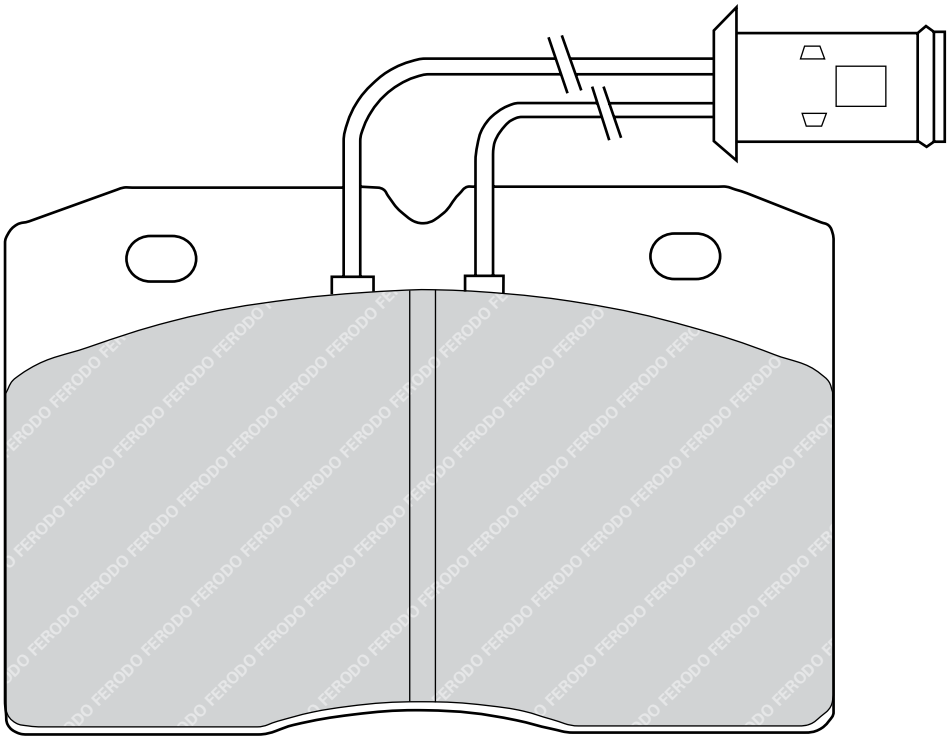
ALEXANDER PSV ALX 100, Mini
ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ Medio (Midibus), O 409 (5 to 7,5):, O 609/O 611/O 614:, Sprinter (905)
OPTARE Starider



FVR511 21048/21188

110 | 73 | 18.3 | BRE | fitted (2)

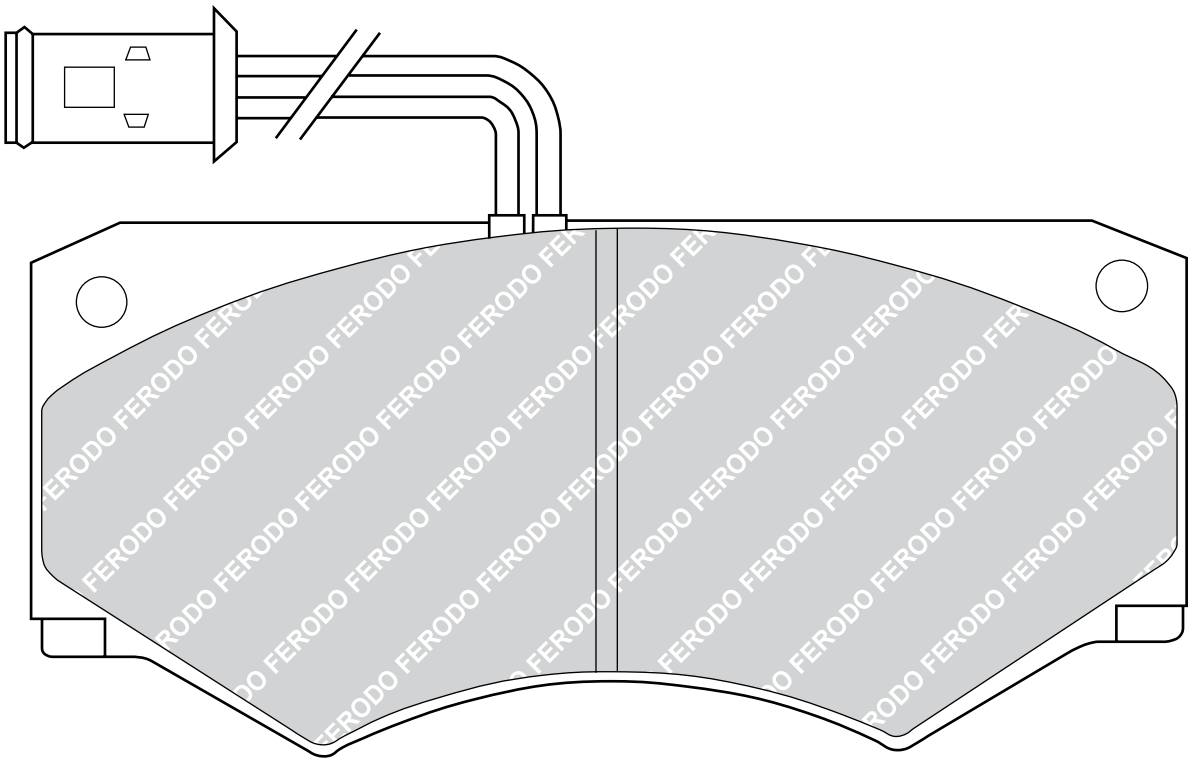
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR516 29040

149 | 69 | 18 | PER | fitted (2)

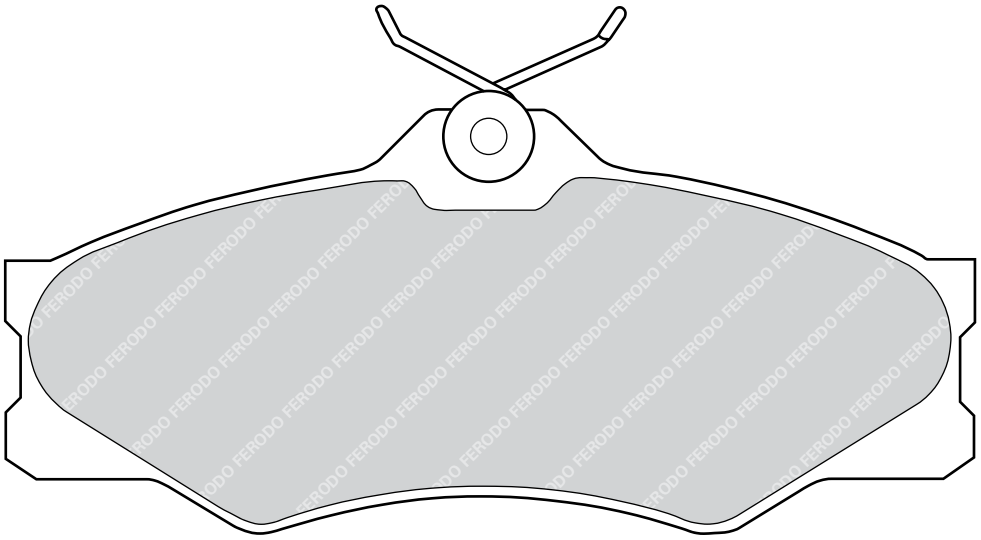
IVECO Daily I 78→99
PERROT BREMSEN (WABCO) All



FVR517 20979

130 | 56 | 19.5 | TRW | 2 pcs

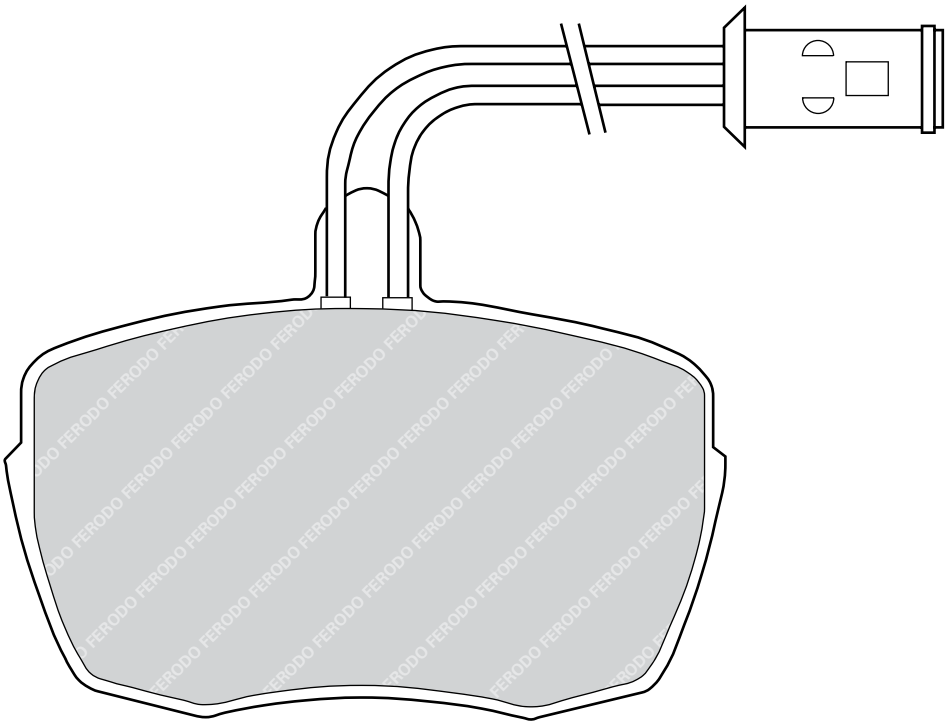
VOLKSWAGEN LT I (281-363,291-512), Transpoter T3



FVR543 20653

102 | 75 | 18 | LKD | fitted (2) | 4 pcs

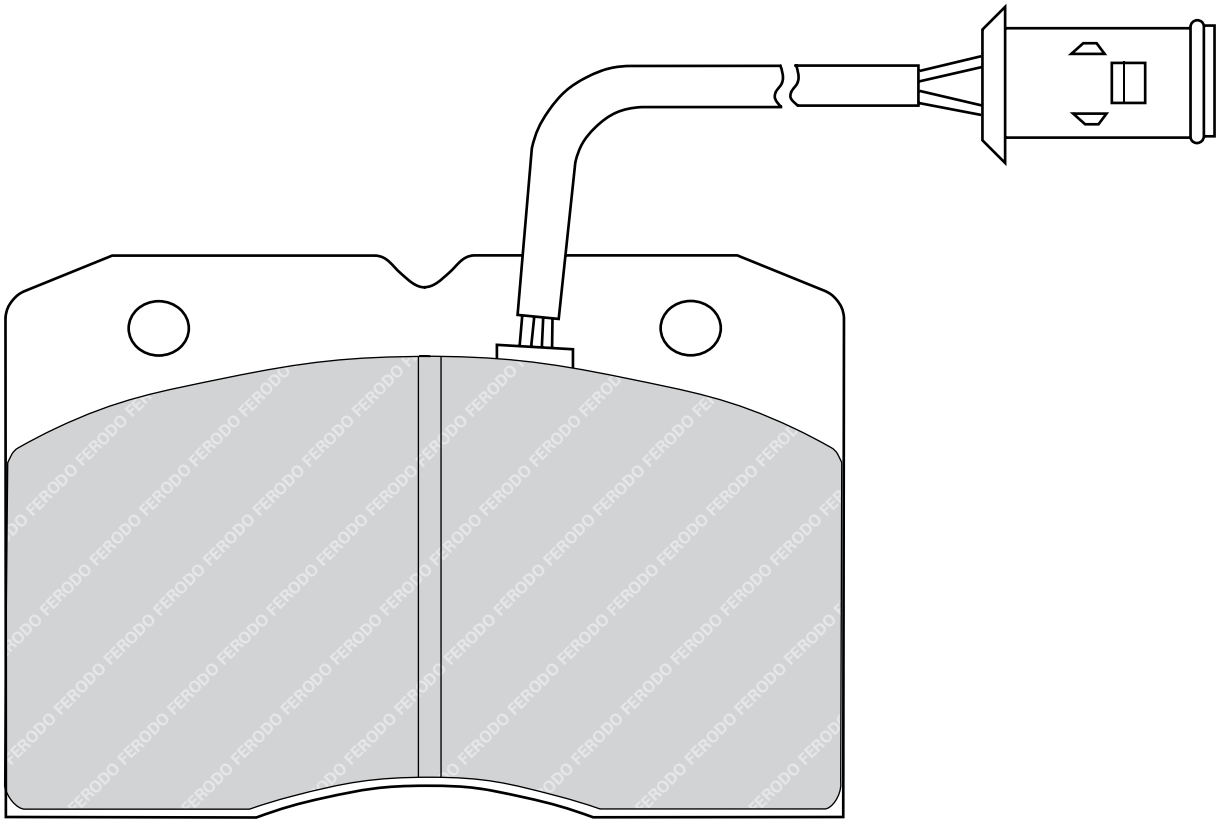
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR655 29041

110 | 73 | 18.3 | BRE | fitted (2)

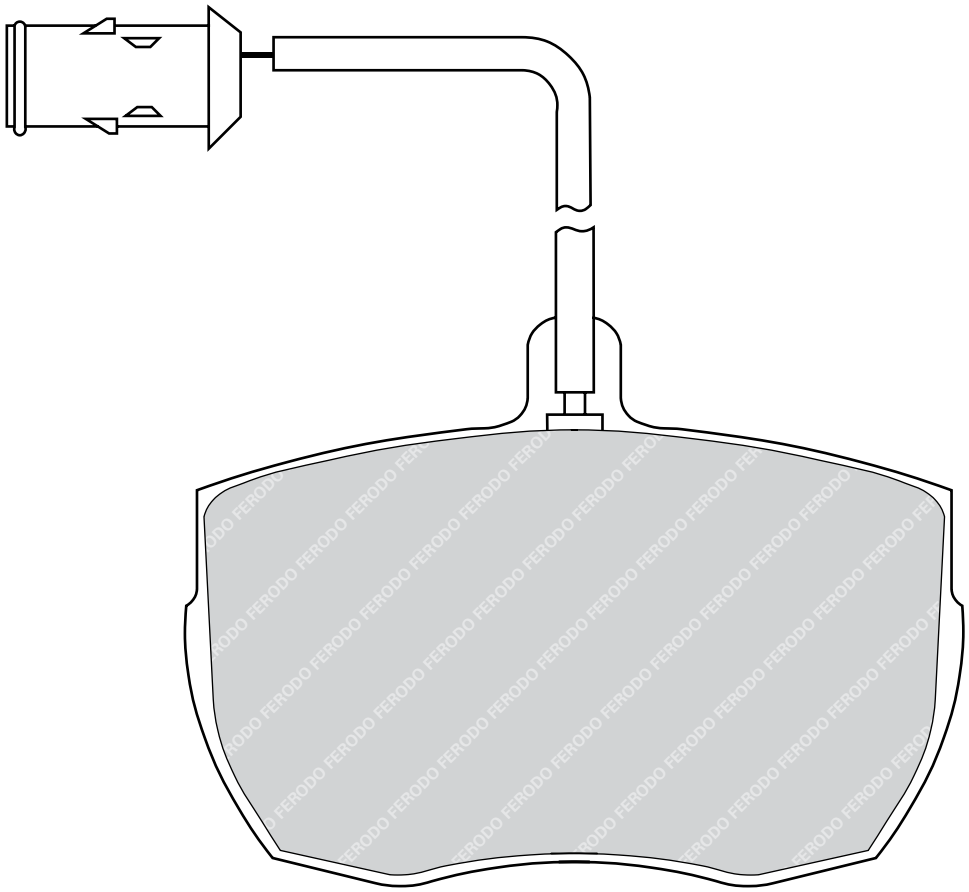
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR656 21480

105 | 75 | 18 | LKD | fitted (2)

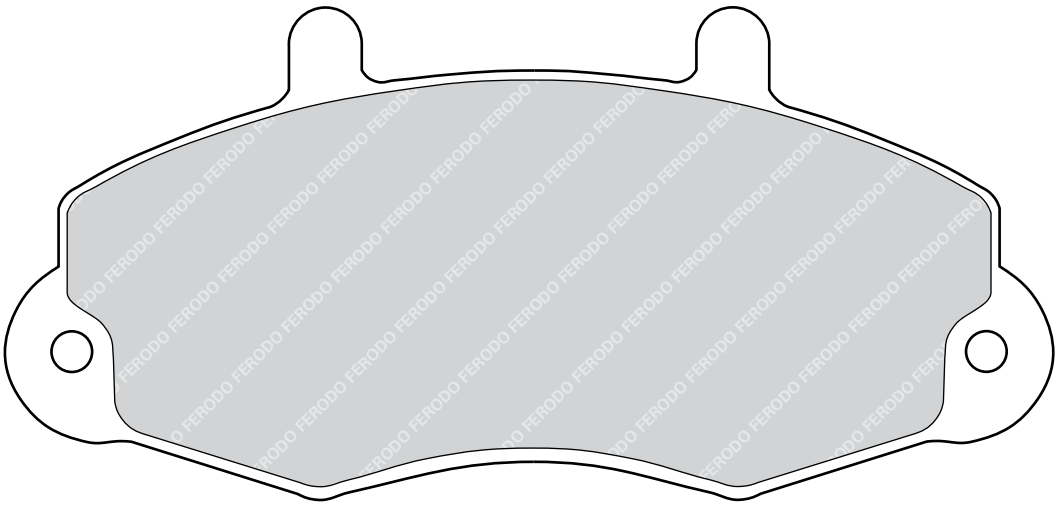
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR700 21470

139 | 65 | 18 | BDX

FORD Transit IV, Transit V

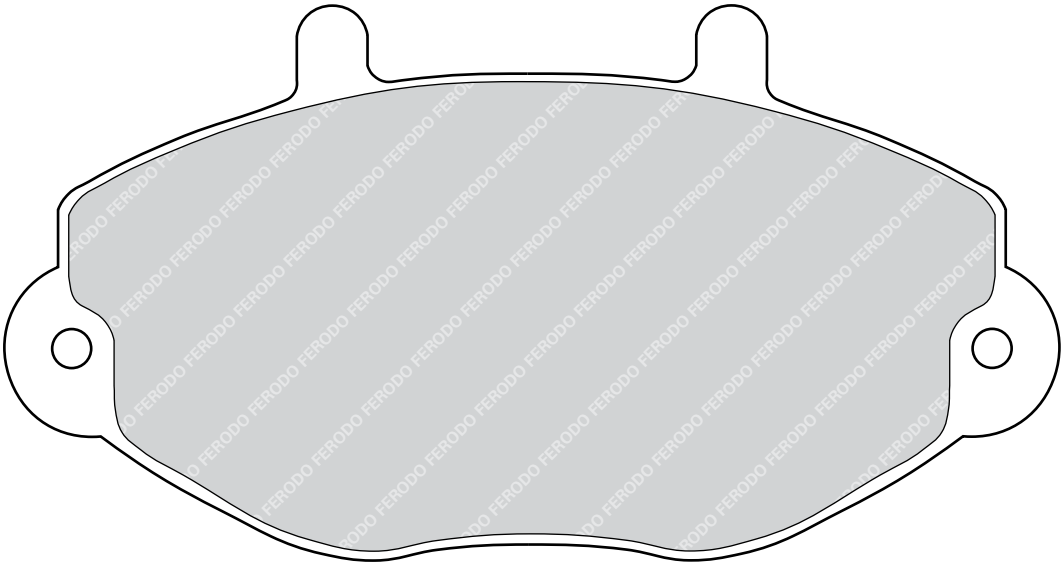


FERODO

FVR701 21469

137 | 74 | 18 | BDX

FORD Transit IV, Transit V

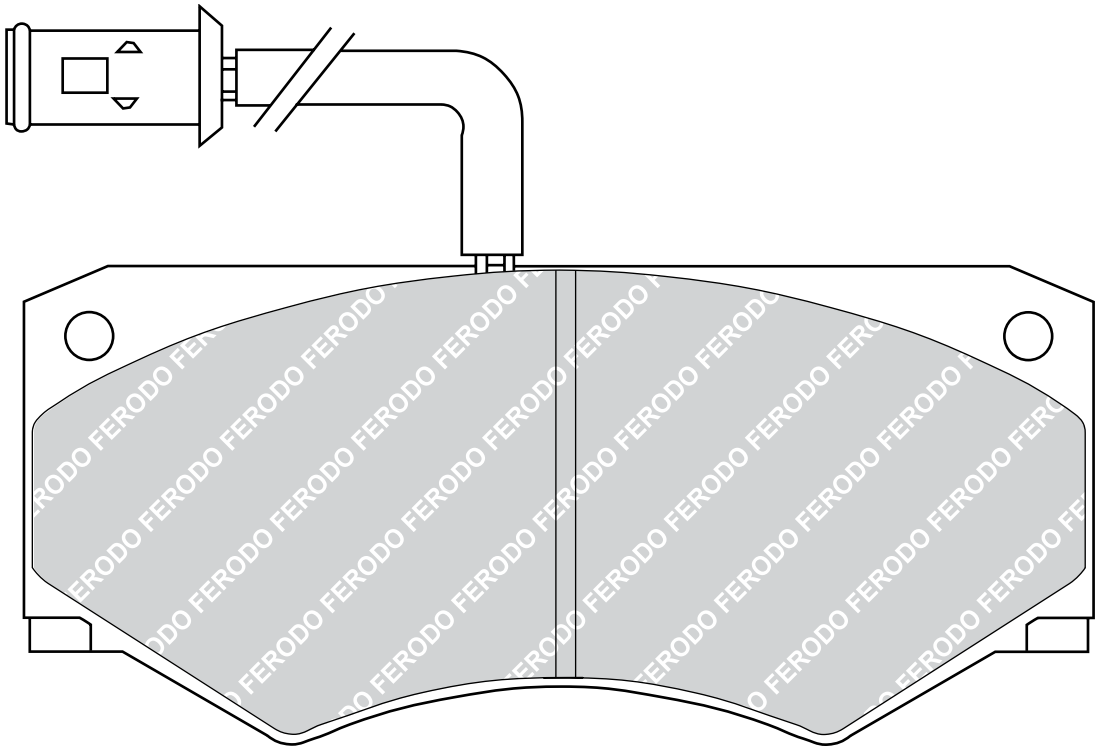


FVR709 20465/29012

149 | 69 | 18 | WAB | fitted (2)

IVECO Daily I 78→99

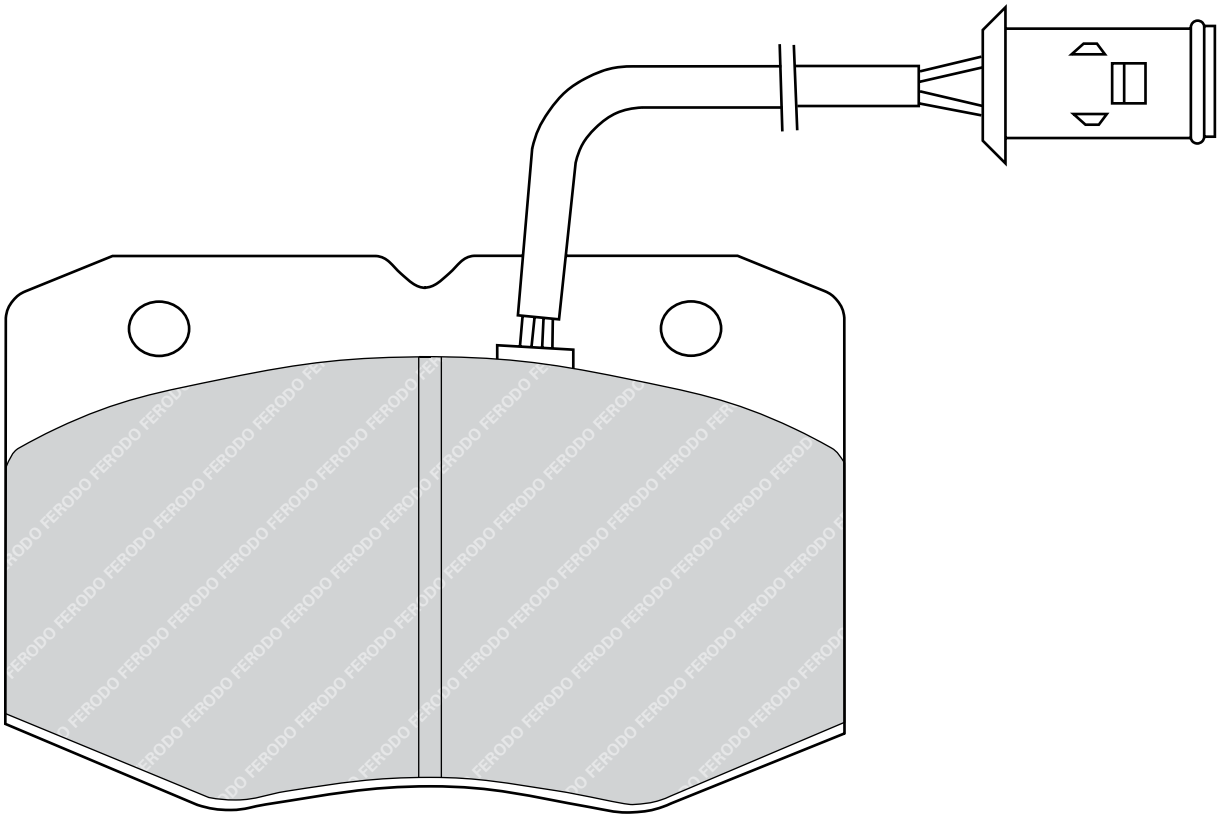
PERROT BREMSEN (WABCO) All



FVR713 29038

110 | 73 | 18.3 | BRE | fitted (2)

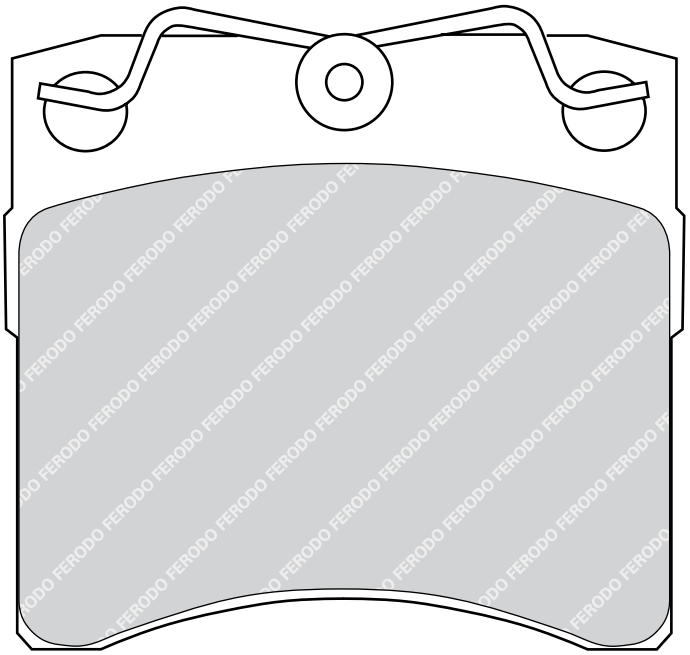
IVECO Daily I 78→99



FVR722 20652

92 | 80 | 18.2 | TRW | 2 pcs

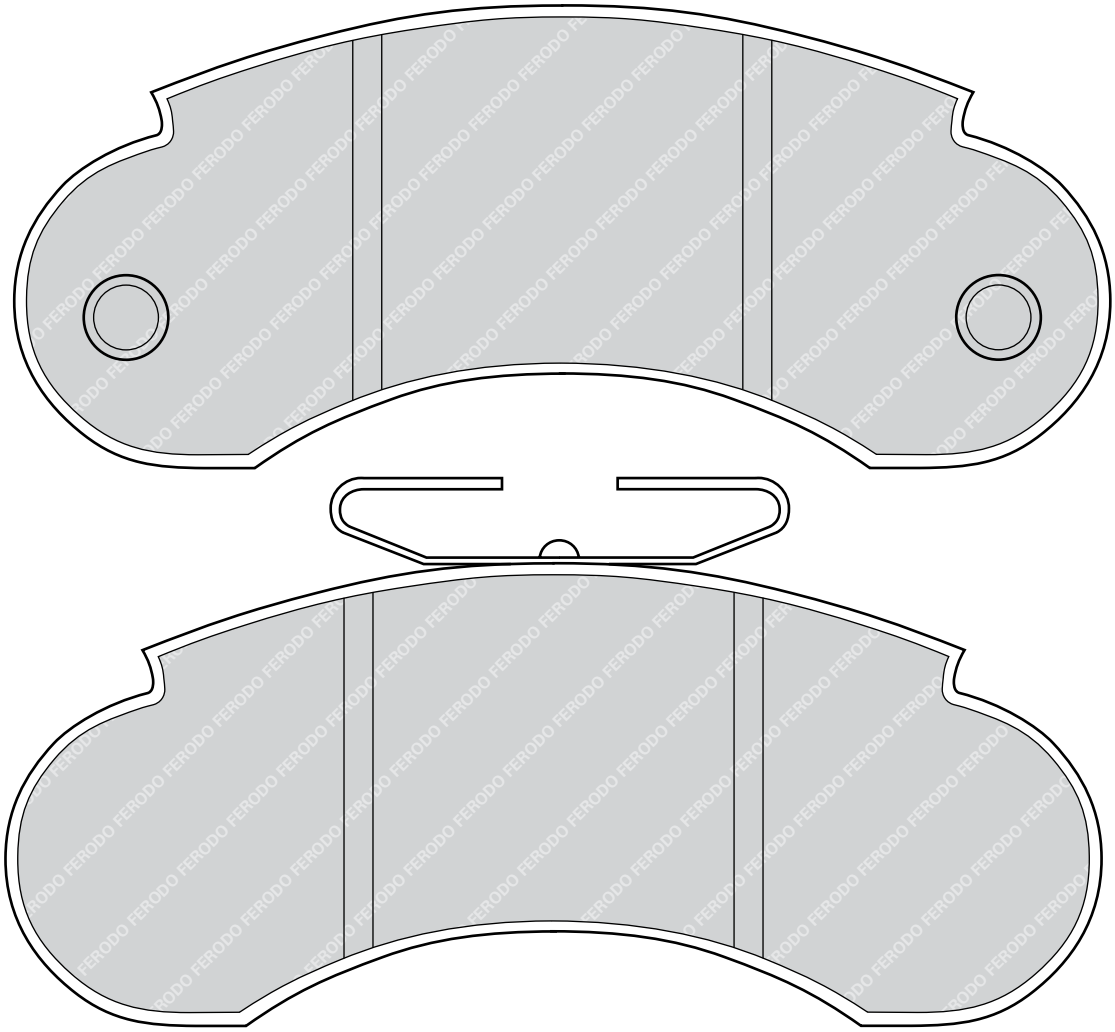
VOLKSWAGEN Transporter T4



FVR752 20932

146 | 61 | 14 | BDX

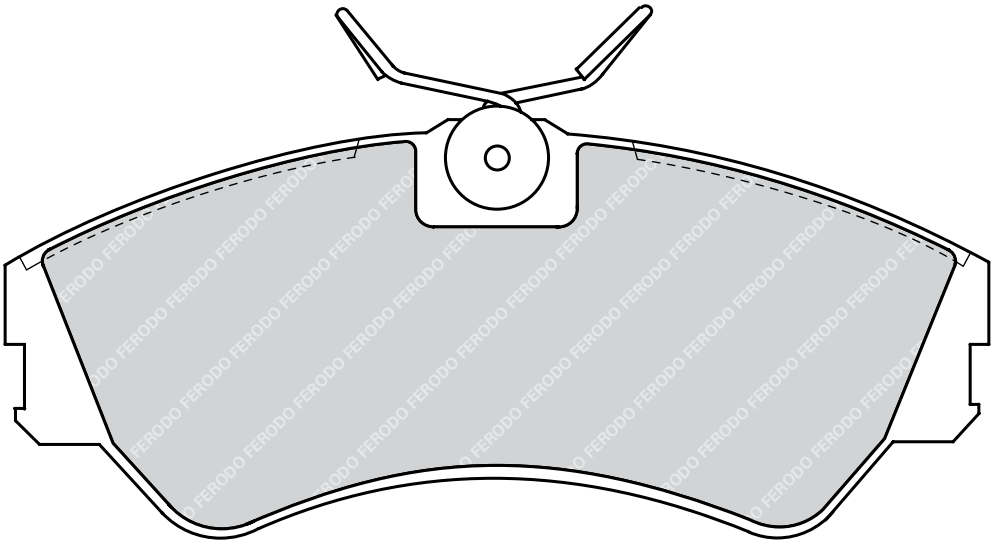
MERCEDES-BENZ MB100



FVR785 20124

130 | 54.5 | 19 | TRW | 2 pcs

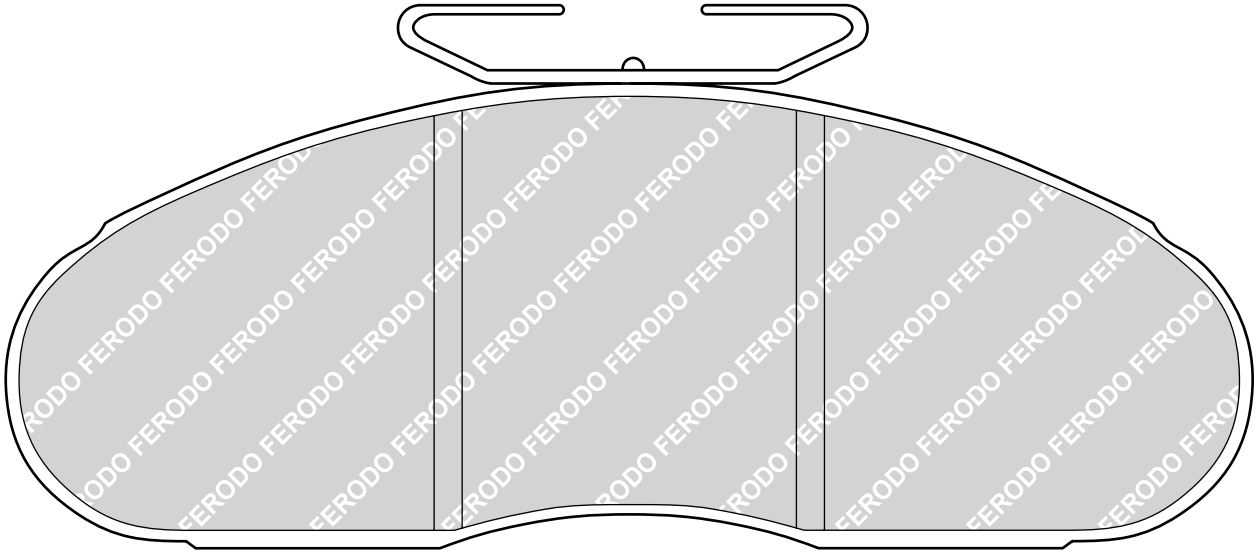
VOLKSWAGEN Transporter T4

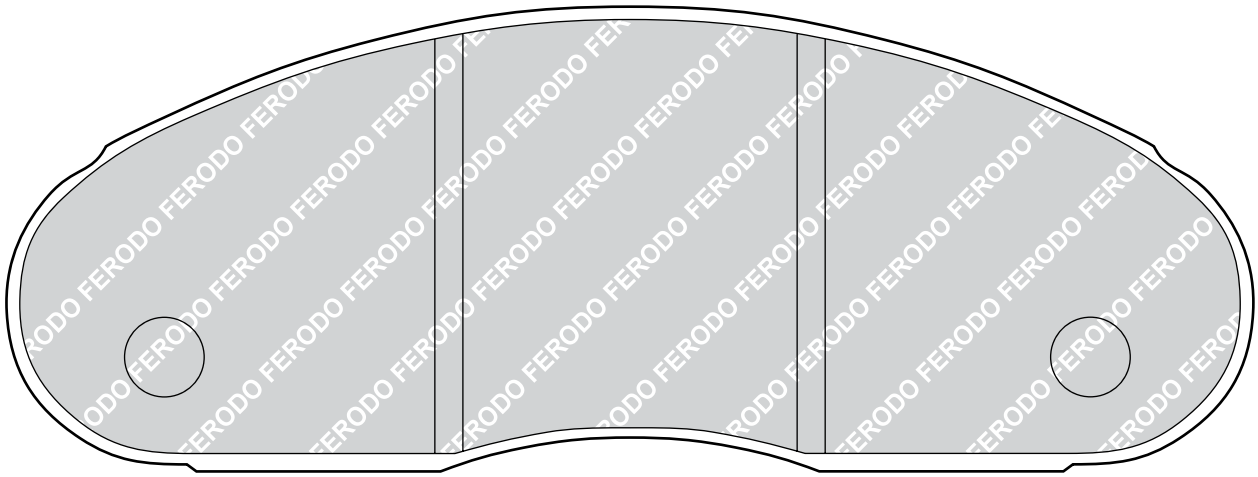


FVR791 29706

167 62 17 TRW

NISSAN Trade
RENAULT Trafic I
RENAULT TRUCKS B Series

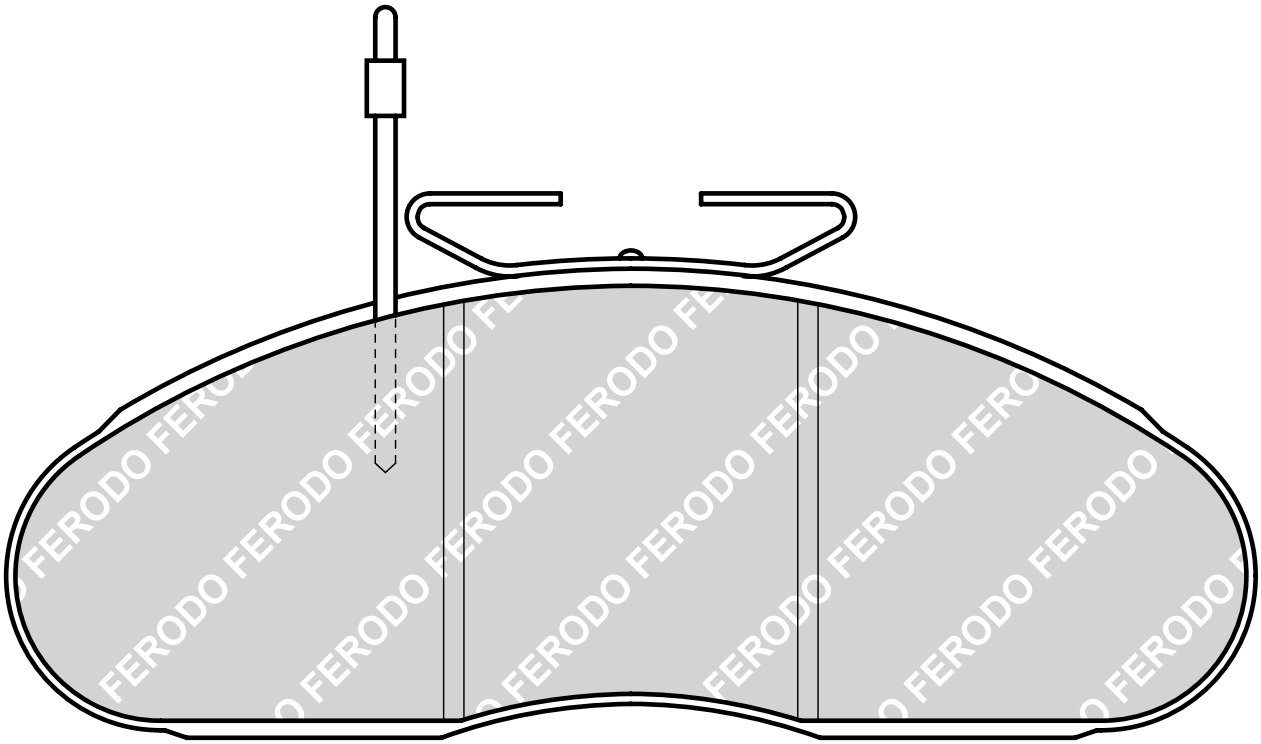




FVR792 20984

167 | 62 | 17 | BDX | fitted (2)

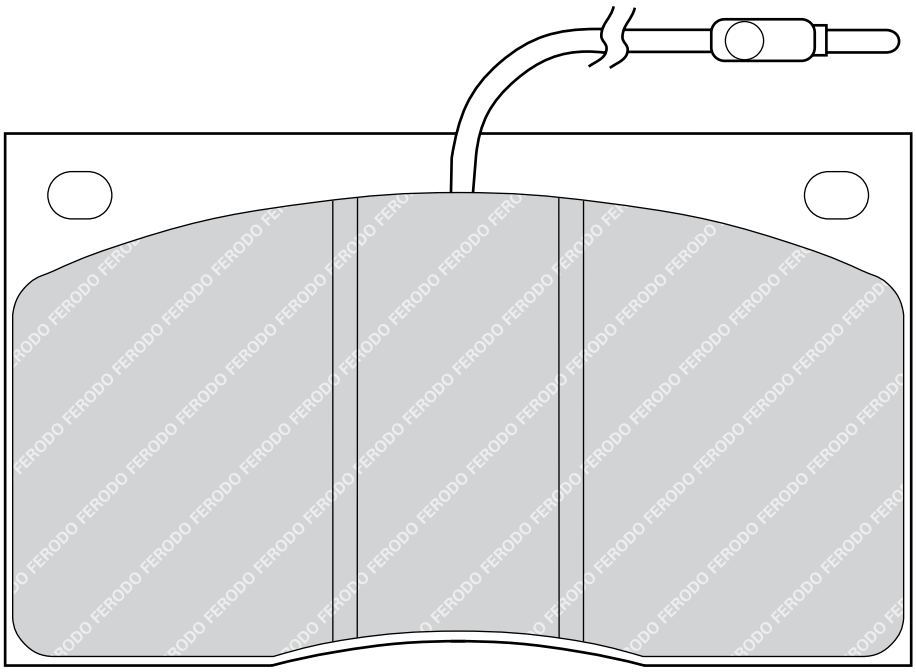
MERCEDES-BENZ MB140
NISSAN Cabstar E, Eco-T / Atleon Range, Trade
RENAULT TRUCKS B Series



FVR805 20380/21110

122 | 71 | 15.5 | TRW | fitted (2)

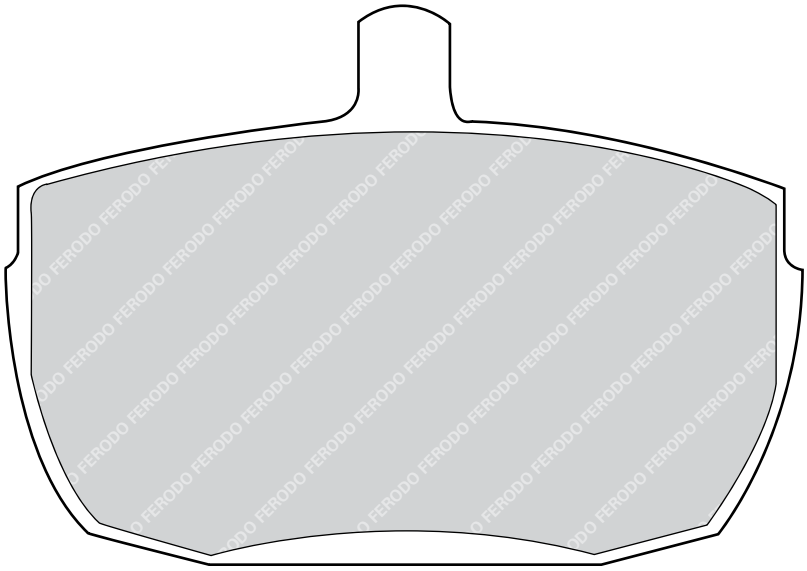
RENAULT Master I



FVR829 20359

102 | 75 | 18 | LKD | 4 pcs

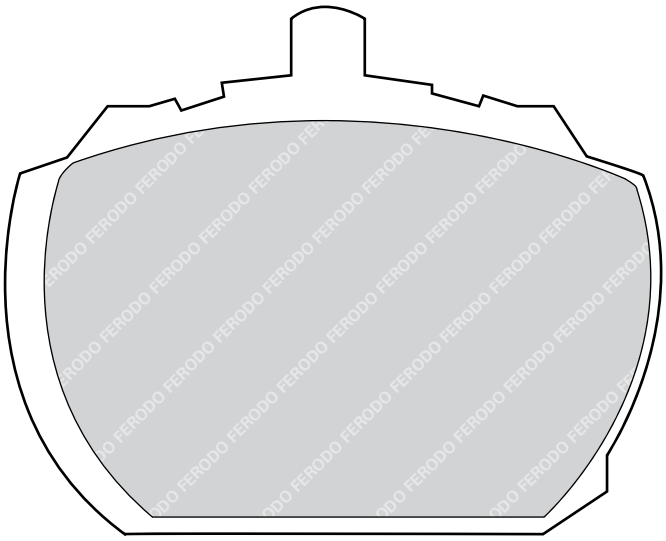
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR833 20364

90 | 70 | 15 | LKD | 4 pcs | 4 pcs

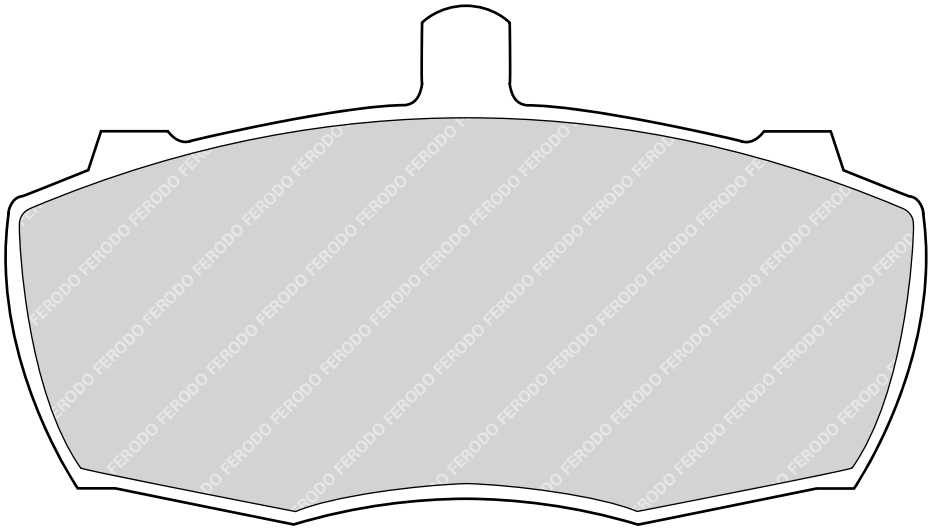
FORD Transit III



FVR836 20904

127 | 71 | 18 | LKD | 4 pcs

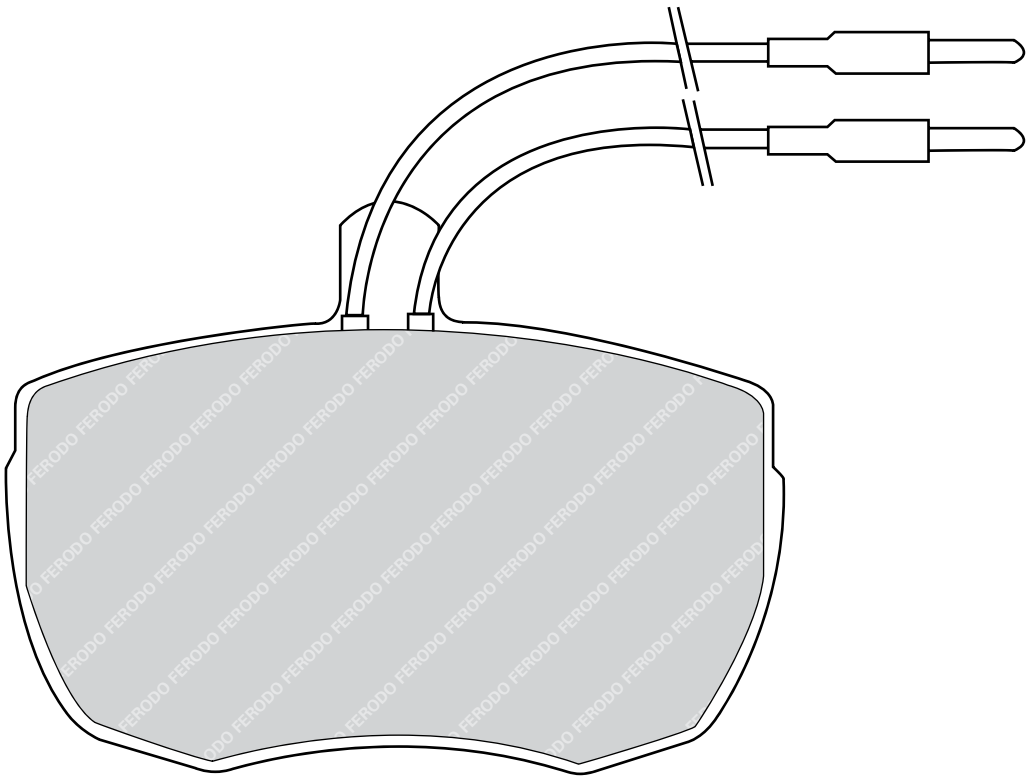
RENAULT BUS S46
RENAULT TRUCKS Series 50 (Dodge)



FVR839 20759

102 | 75 | 18 | LKD | fitted (4)

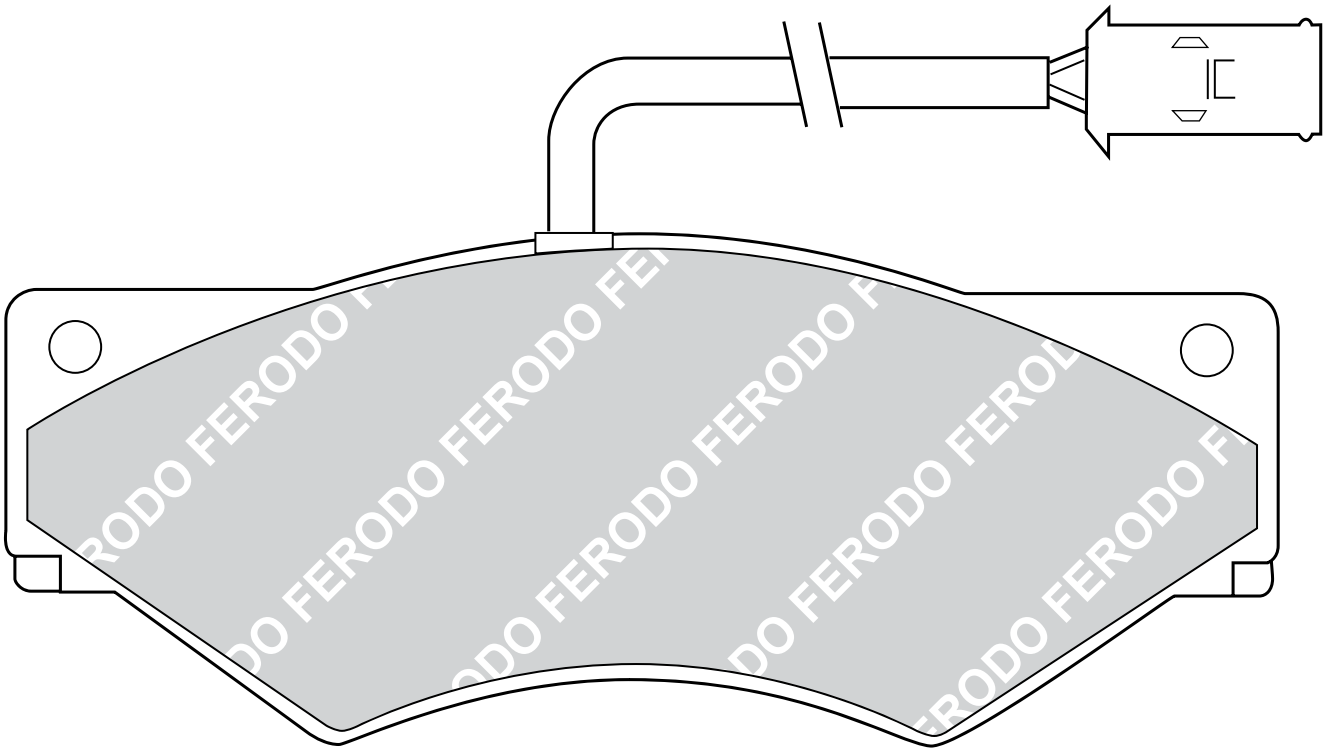
AWD TK, TK M Series, TL Range:
IVECO Daily I 78→99



FVR852 29001

174 | 69 | 20 | WAB | fitted (2)

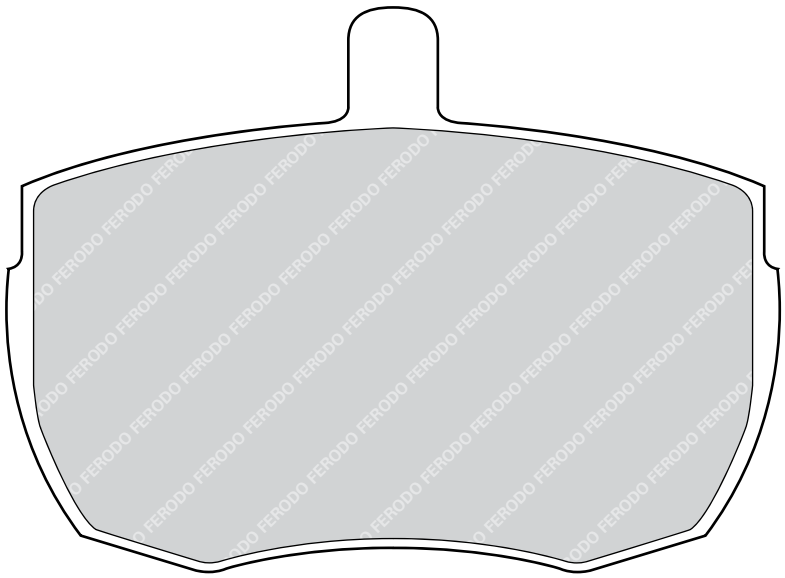
IVECO Daily I 78→99
PERROT BREMSEN (WABCO) All



FVR886 20359

102 | 75 | 18 | LKD | 4 pcs

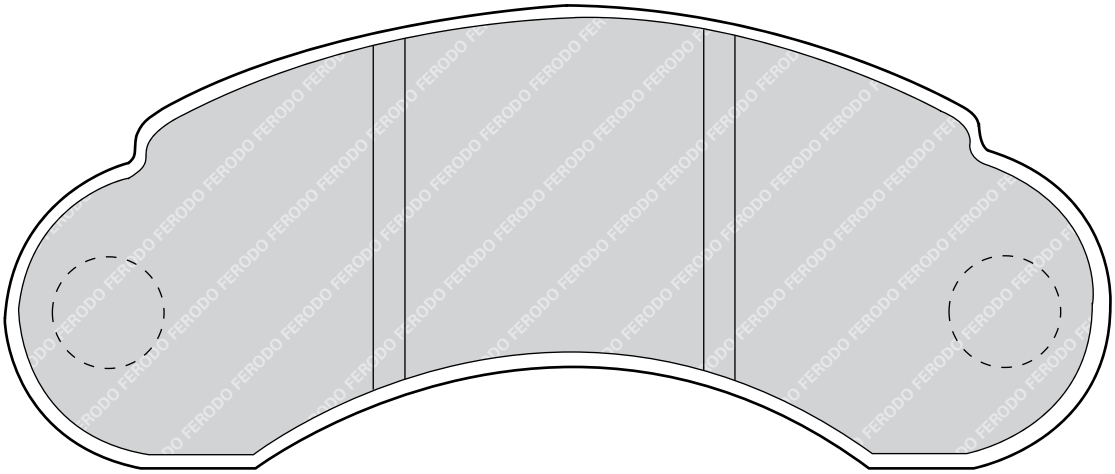
FORD Transit III

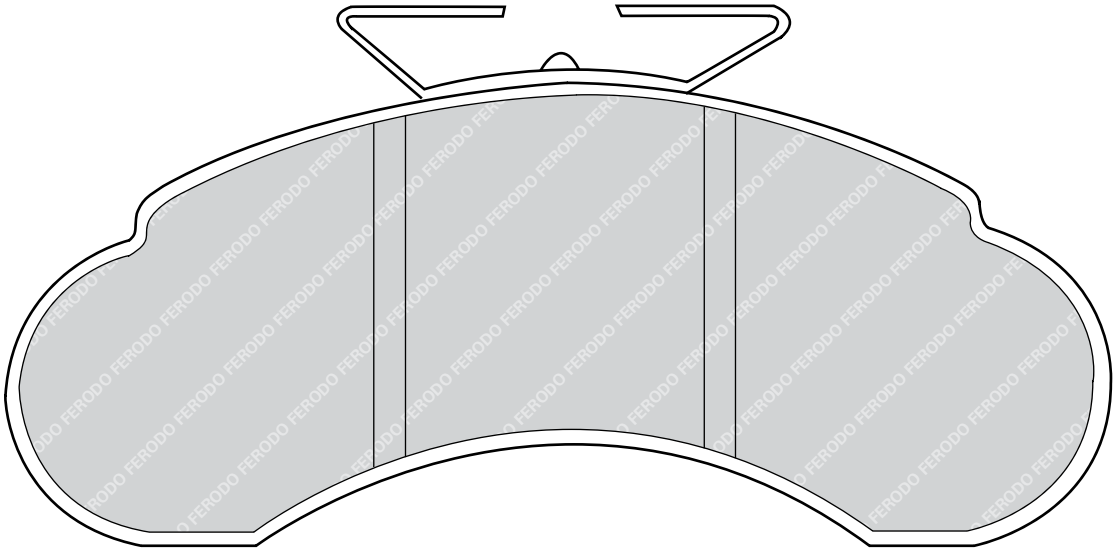


FVR941 21573

146 | 61 | 14 | BDX | 4 pcs

MERCEDES-BENZ MB100

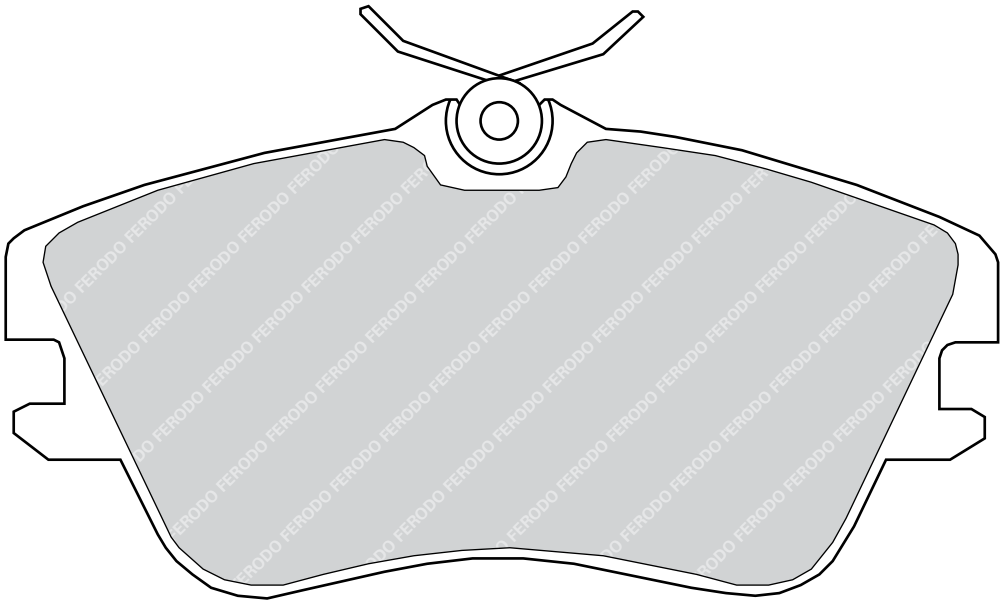




FVR970 21479

130 | 65.5 | 19 | TRW | 2 pcs

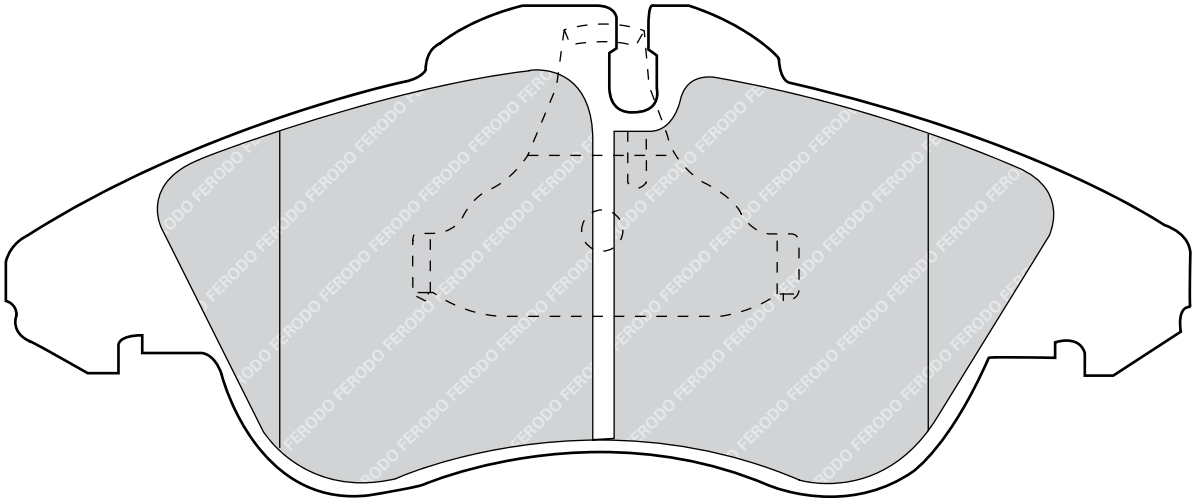
VOLKSWAGEN Transporter T4



FVR1038 21576

156 | 65 | 19 | ATE | loose (2)

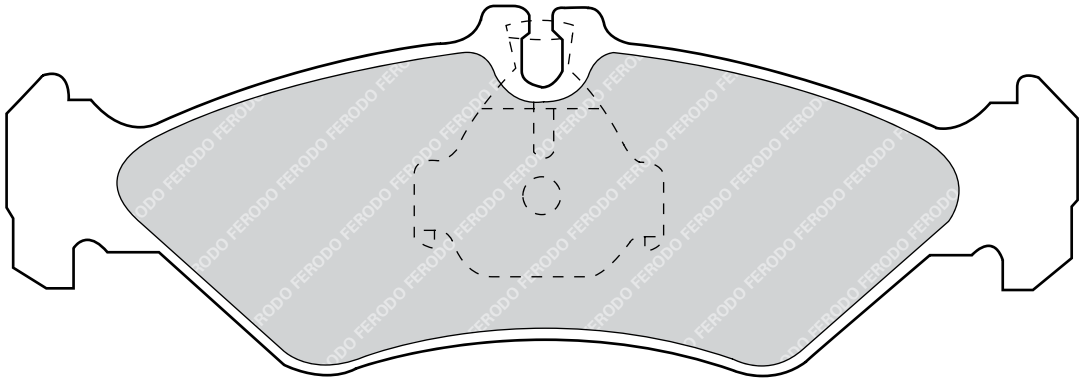
ATE BREMSEN All
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 ton), V-Class (638/2), Vito (638):
OPTARE Soroco NT
VOLKSWAGEN LT II (2DX0FE)



FVR1039 21621

141 | 49 | 17 | ATE | loose (2)

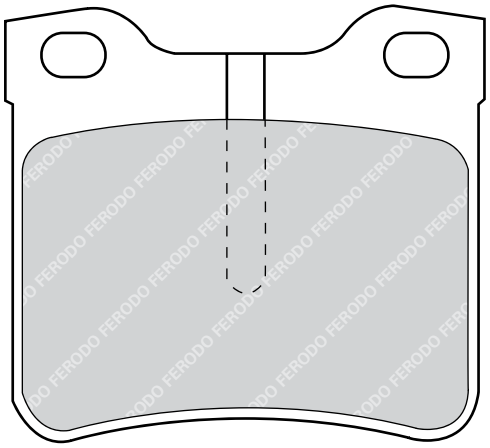
ATE BREMSEN All
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903)
OPTARE Soroco NT
VOLKSWAGEN LT II (2DX0FE)



FVR1044 21278/21904

64 | 57.4 | 17 | ATE | fitted 92)

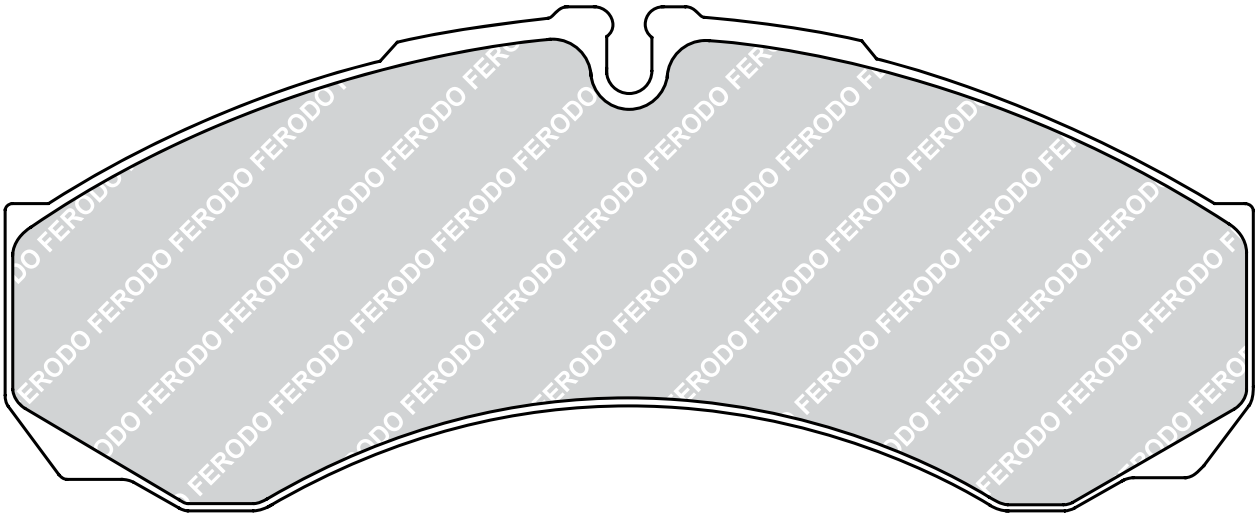
ATE BREMSEN All
MERCEDES-BENZ V-Class (638/2), Vito (638):



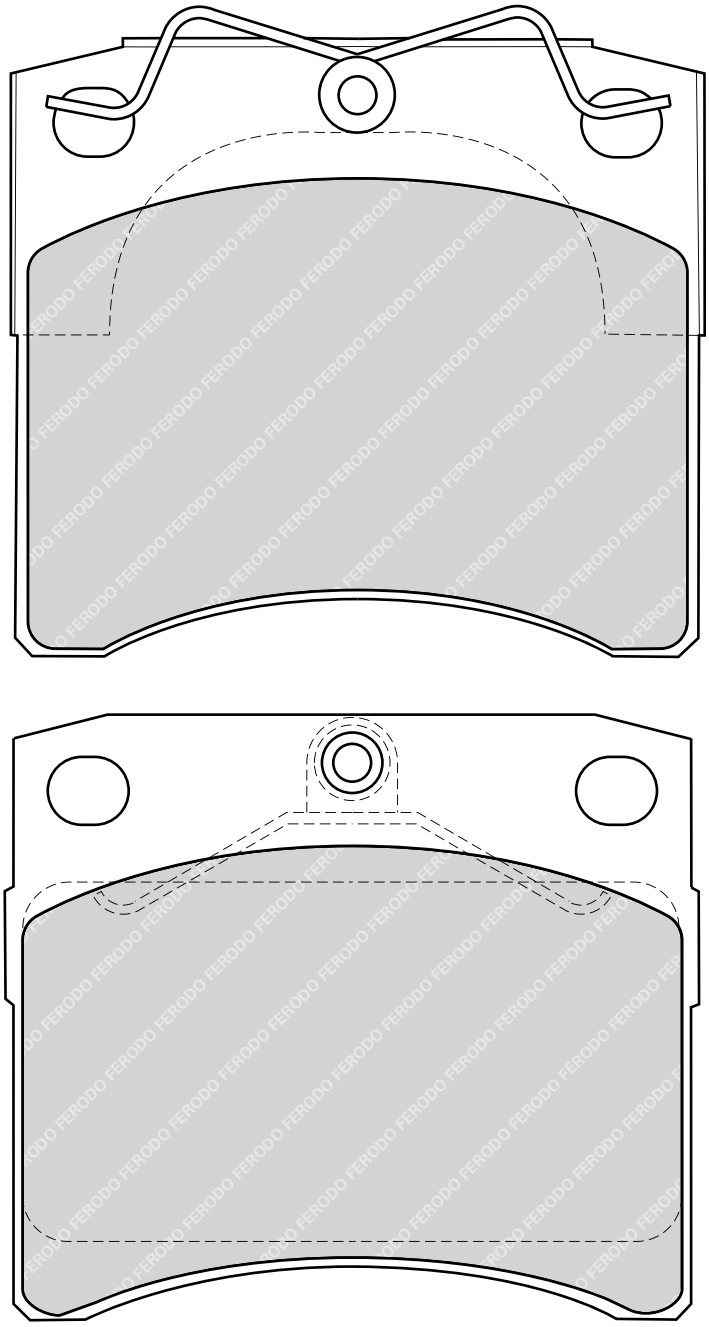
FVR1102 29121

165 | 66 | 20 | BRE

IVECO Daily I 78→99, Daily II 99→06
OPTARE Alero
RENAULT Mascott



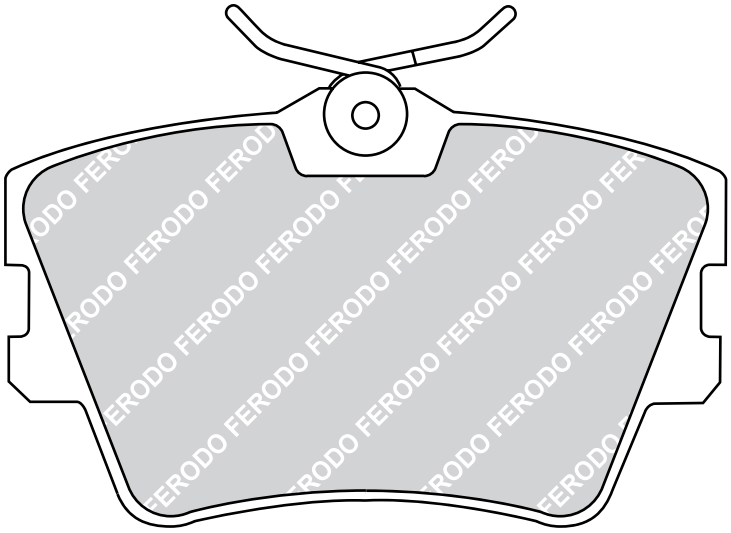
VOLKSWAGEN Transporter T4



FVR1132 21882

95 | 57.3 | 17.3 | TRW | 4 pcs

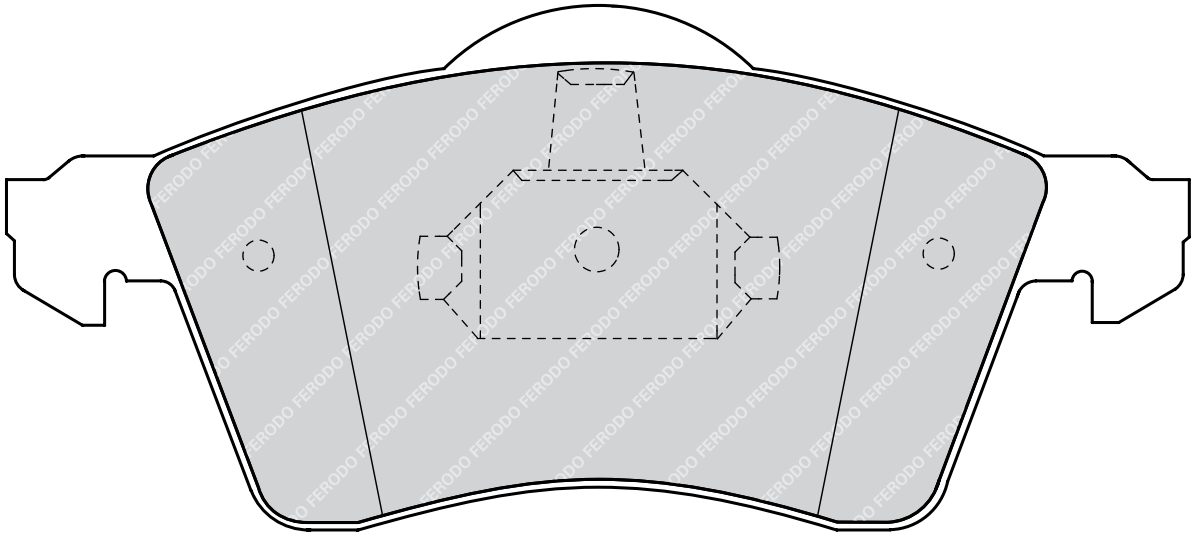
VOLKSWAGEN Transporter T4



FVR1163 21883/21885

156 | 68.5 | 19.6 | ATE

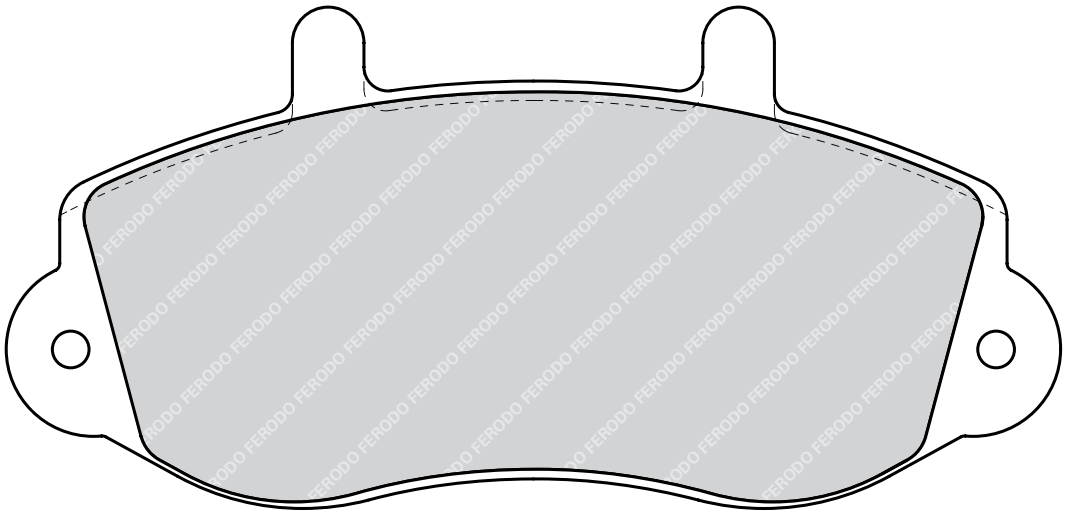
ATE BREMSEN All
VOLKSWAGEN Transporter T4



FVR1292 23302

139 66.5 17.8 BOS

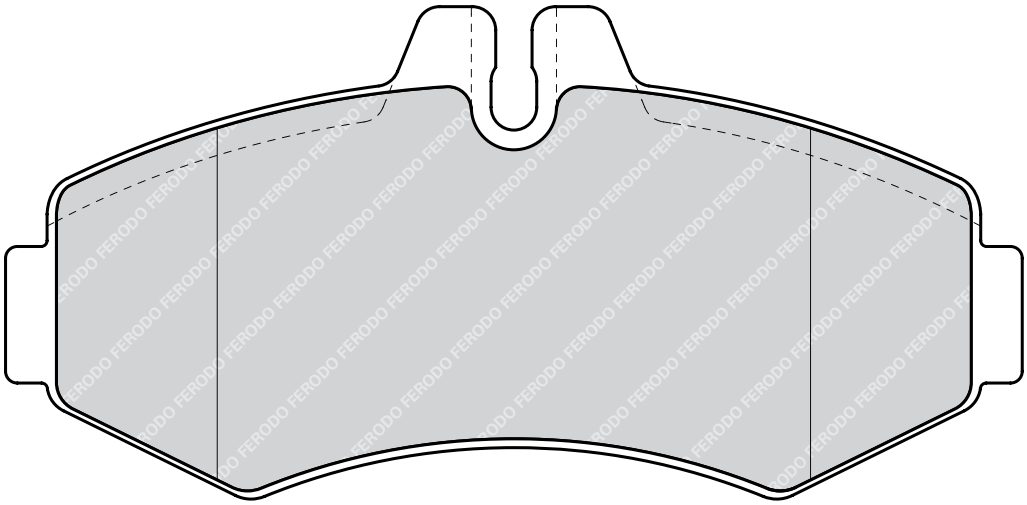
RENAULT Master I, Master II



FVR1304 23022

135 66 20.6 BOS -

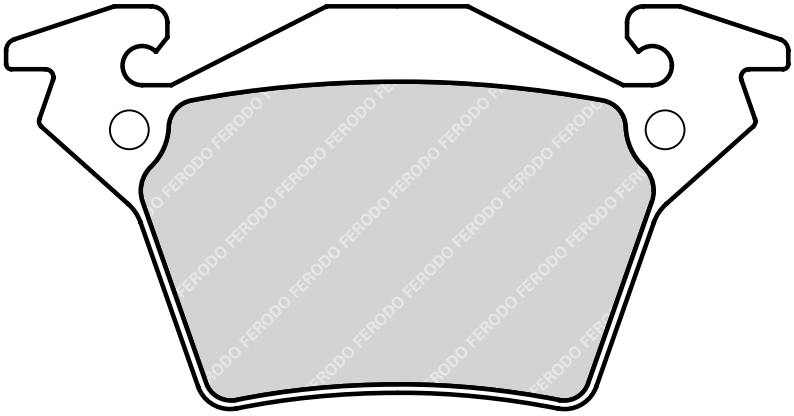
MERCEDES-BENZ Sprinter 3-T (903), Sprinter 4-T (904), V-Class (638/2), Vito (638):



FVR1305 23020

104 | 53 | 17.9 | BOS | loose (2)

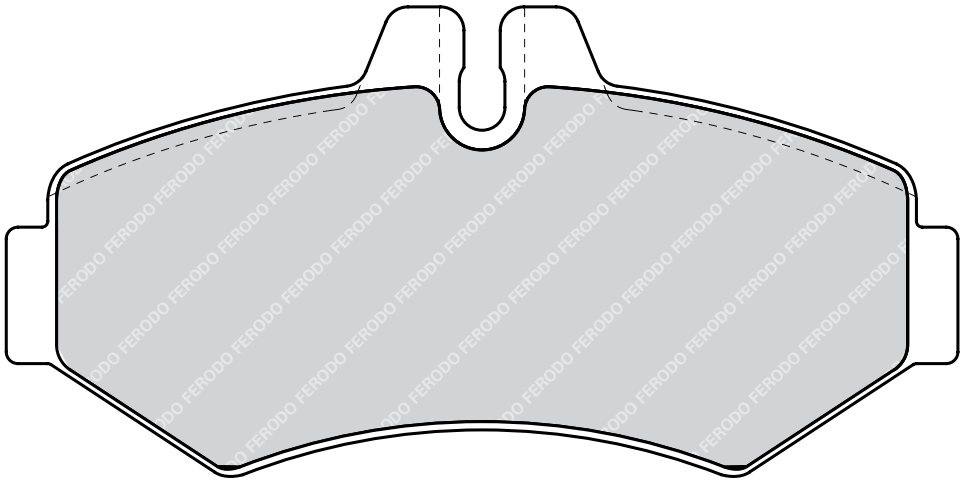
MERCEDES-BENZ V-Class (638/2), Vito (638):



FVR1306 23021

126 | 63 | 18.6 | BOS | -

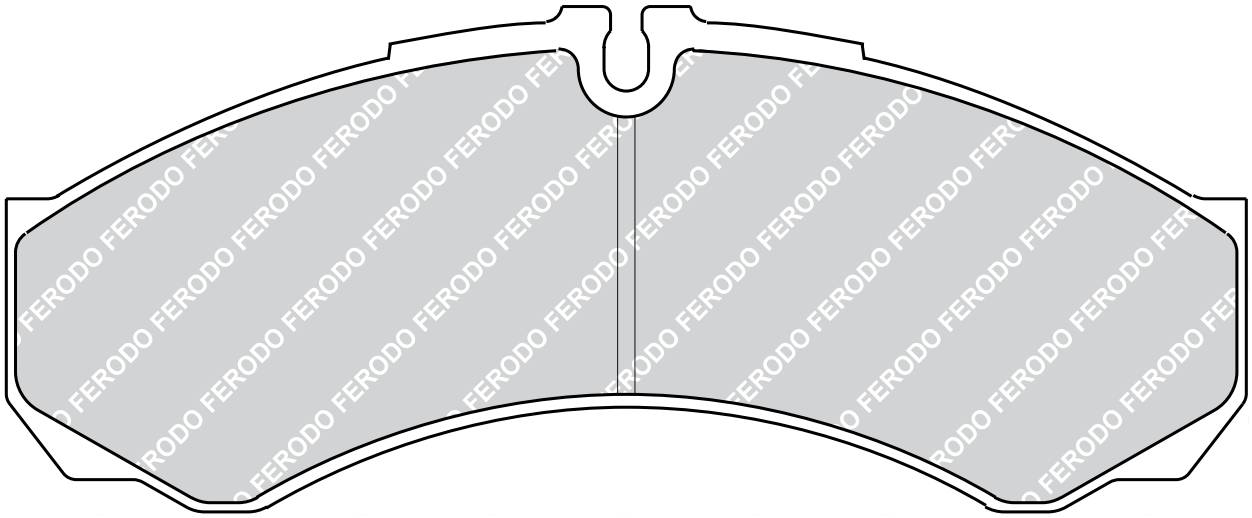
MERCEDES-BENZ Sprinter 3-T (903), Sprinter 4-T (904)
OPTARE Soroco NT
VOLKSWAGEN LT II (2DX0FE)



FVR1315 29121

165 66 18 BRE

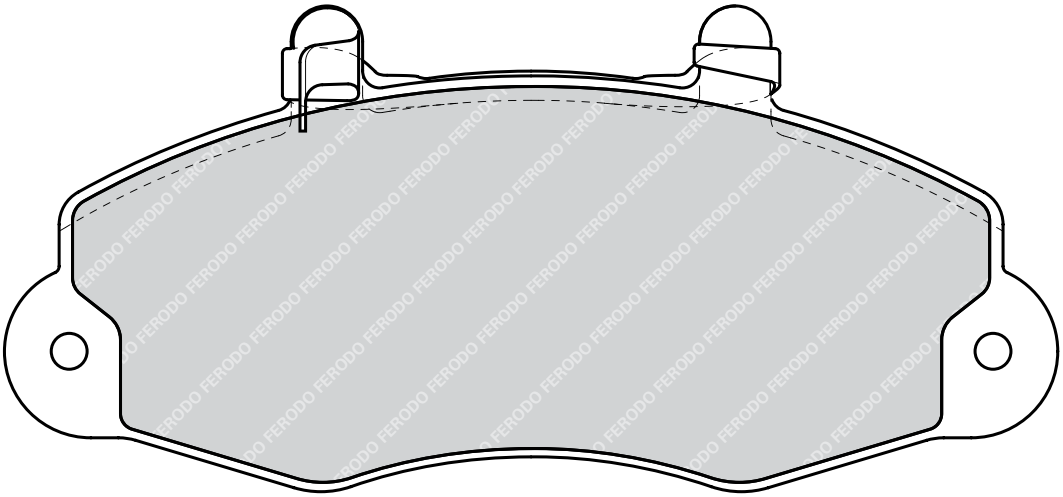
IVECO Daily II 99→06



FVR1338 21470

137 65 18 BDX loose (2)

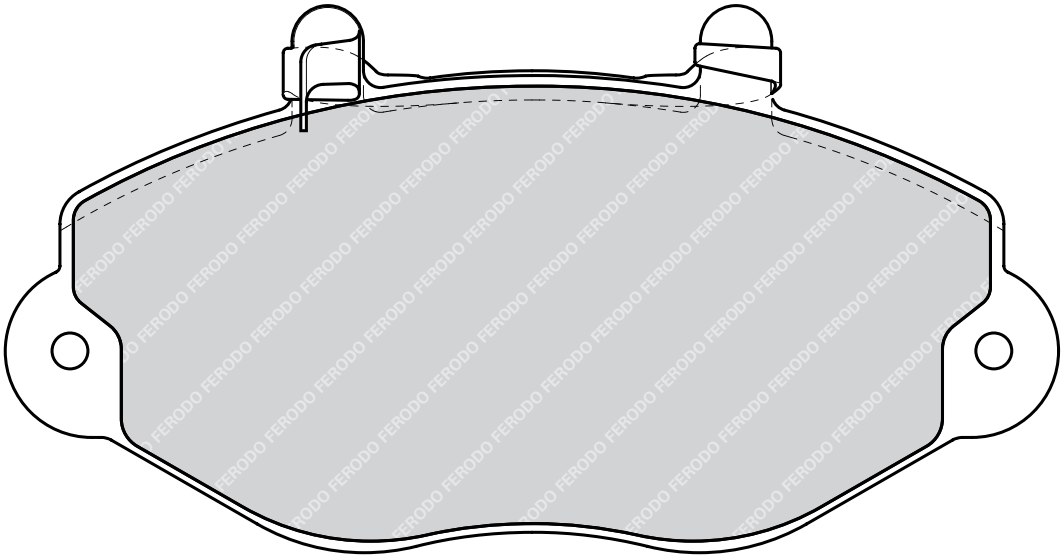
FORD Transit V



FVR1339 21469

137 | 74 | 18 | BDX | loose (2)

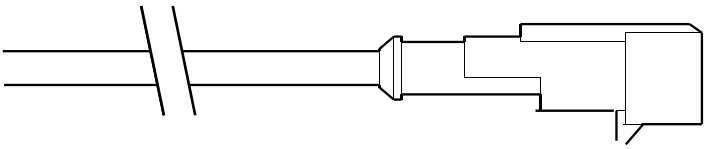
FORD Transit V

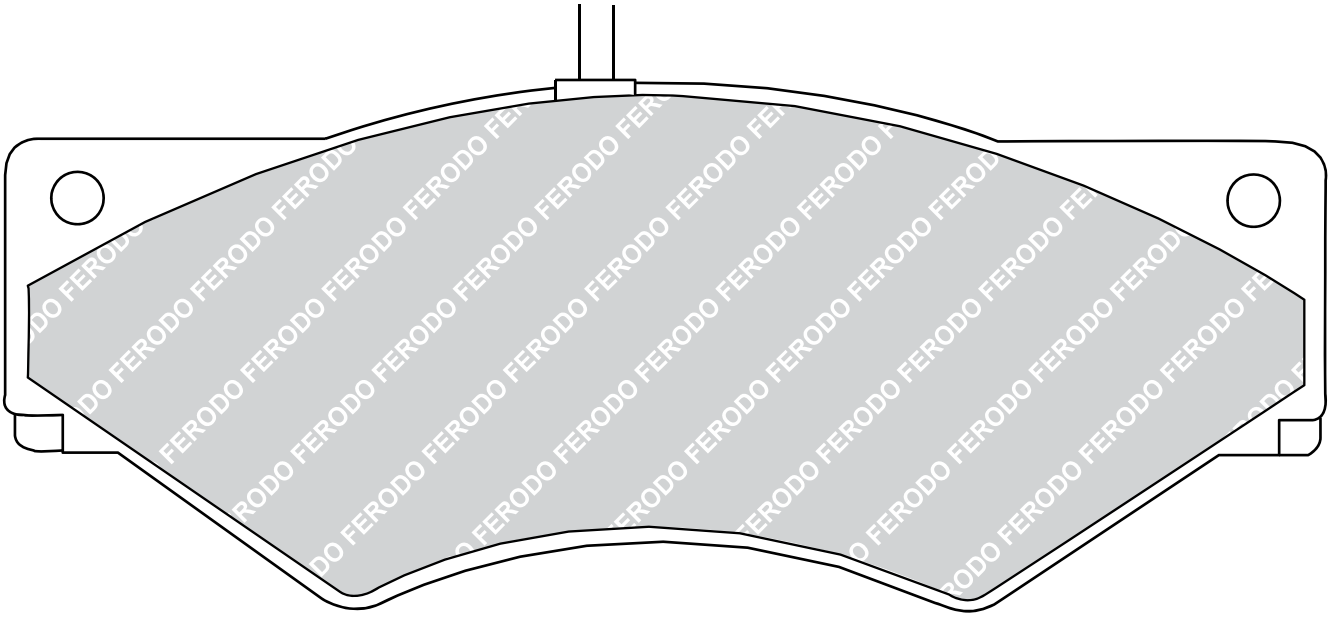


FVR1350 29107

175 | 70 | 20 | PER | fitted (2)

IVECO Daily I 78→99

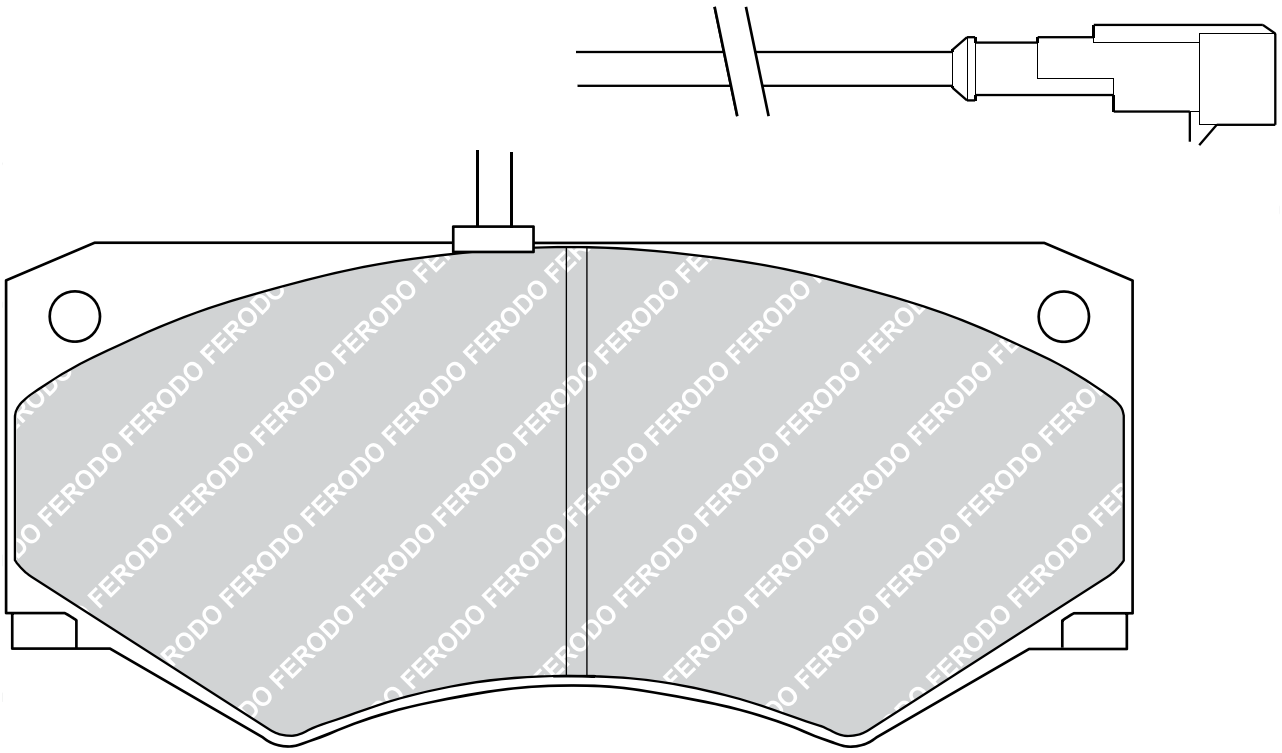




FVR1351 29138

149 | 69 | 18 | WAB | fitted (2)

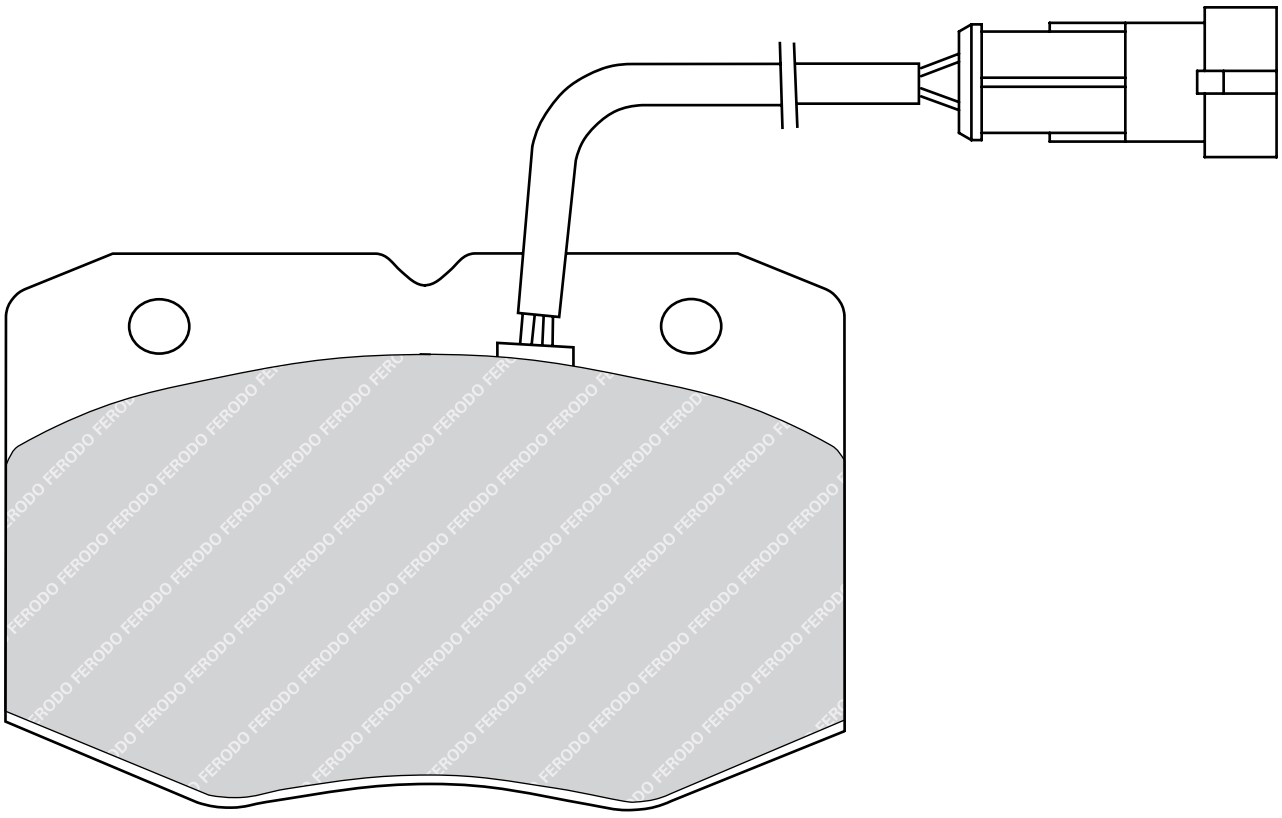
IVECO Daily I 78→99
OPTARE Alero



FVR1352 29139

110 | 73 | 18.3 | BRE | fitted (2)

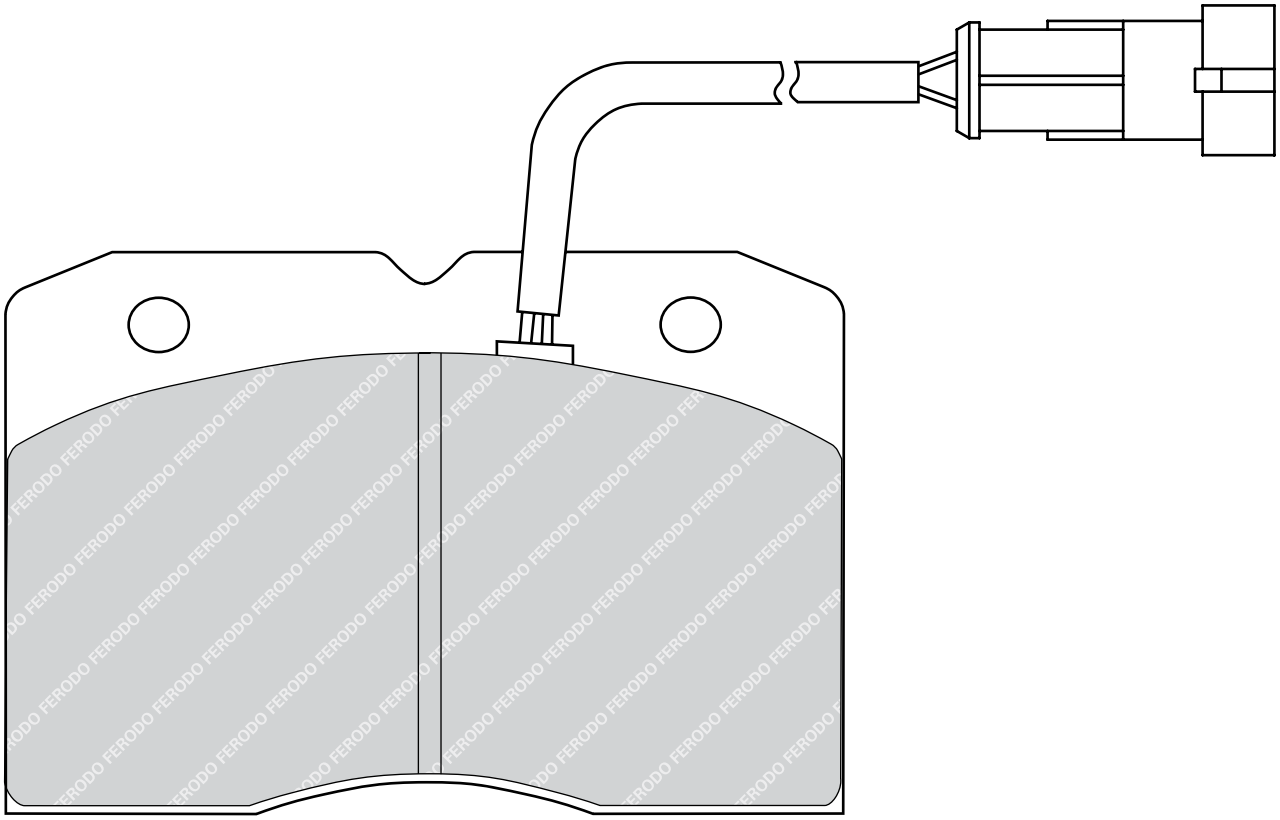
IVECO Daily I 78→99



FVR1353 29140

110 | 73 | 18.3 | BRE | fitted (2)

IVECO Daily I 78→99



FVR1381 23434

169 | 63.5 | 18.7 | BOS | fitted (2)

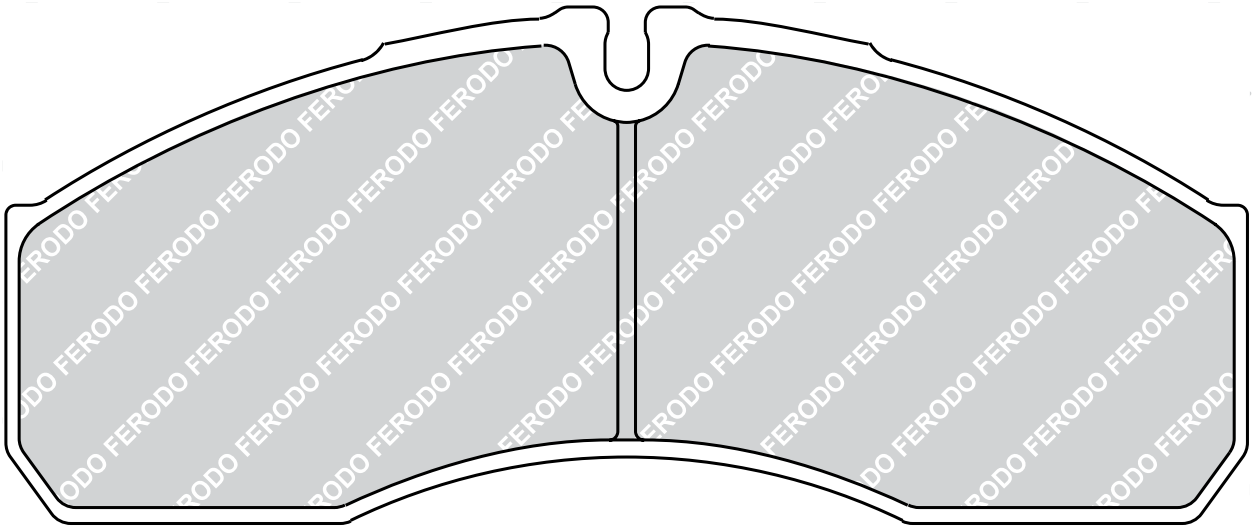
FORD Transit VI



FVR1390 29160

164 | 69 | 20 | BRE

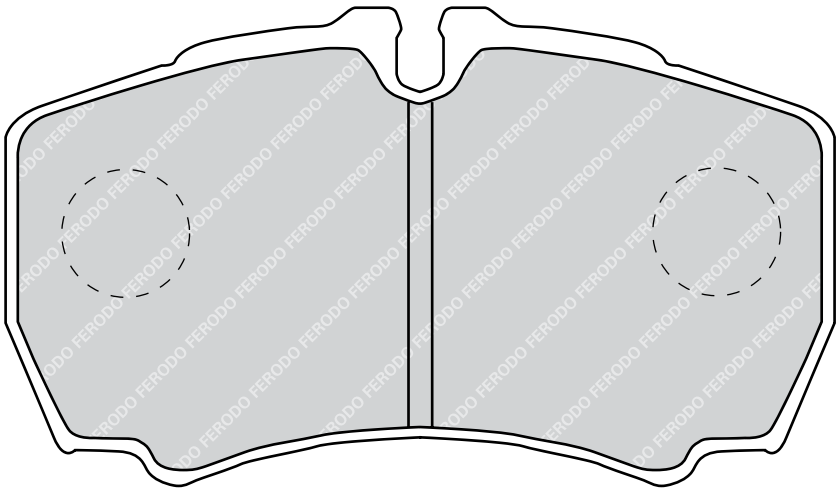
IVECO Daily II 99→06
RENAULT Mascott



FVR1405 29123

107 | 61 | 20 | BRE

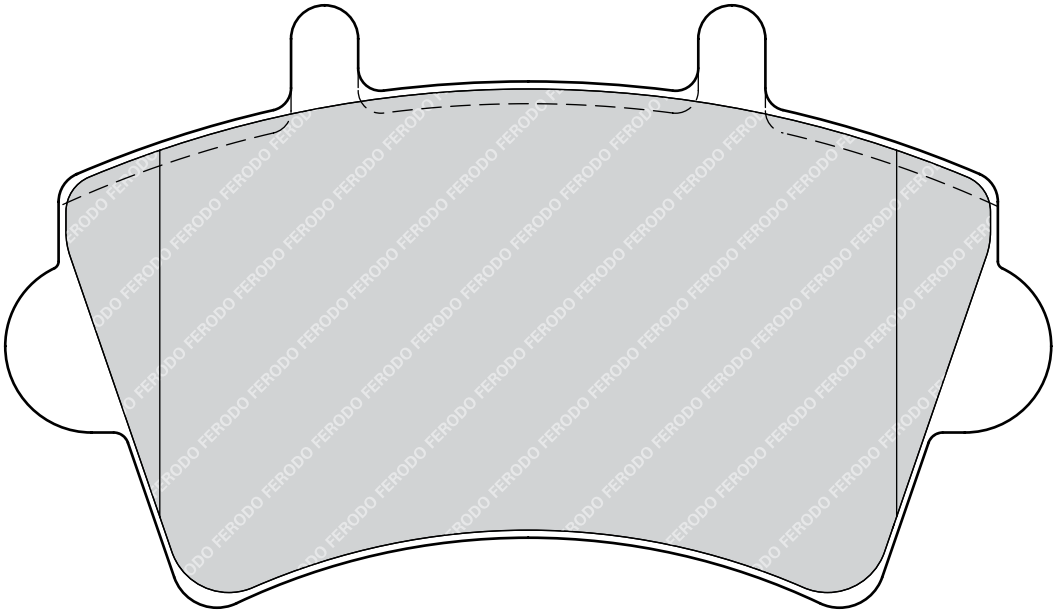
IVECO Daily II 99→06



FVR1452 23613

138 | 79.7 | 17.8 | BOS

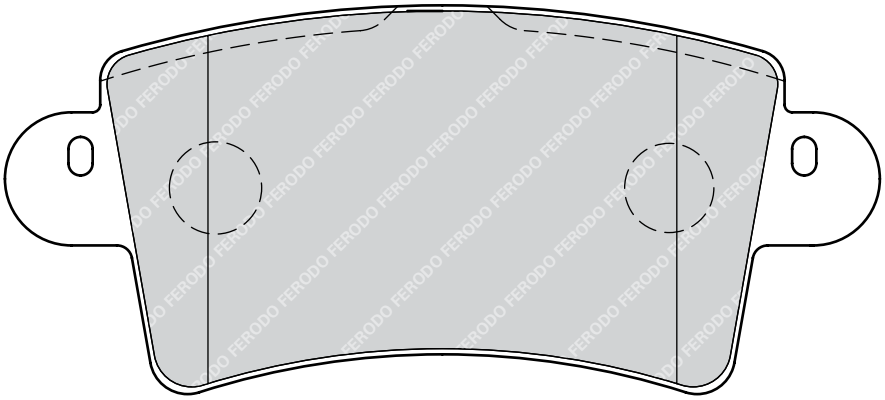
NISSAN Interstar



FVR1453 23669

116 | 51.4 | 18.8 | BOS | 4 pcs

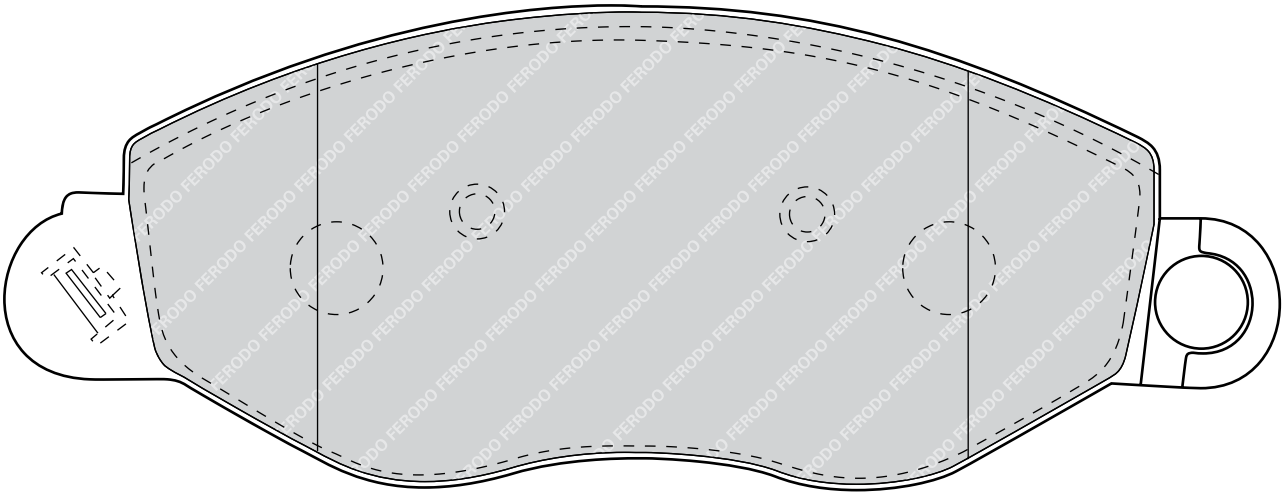
NISSAN Interstar
RENAULT Master II



FVR1461 23840

169 | 62.5 | 18.7 | BOS | fitted (2)

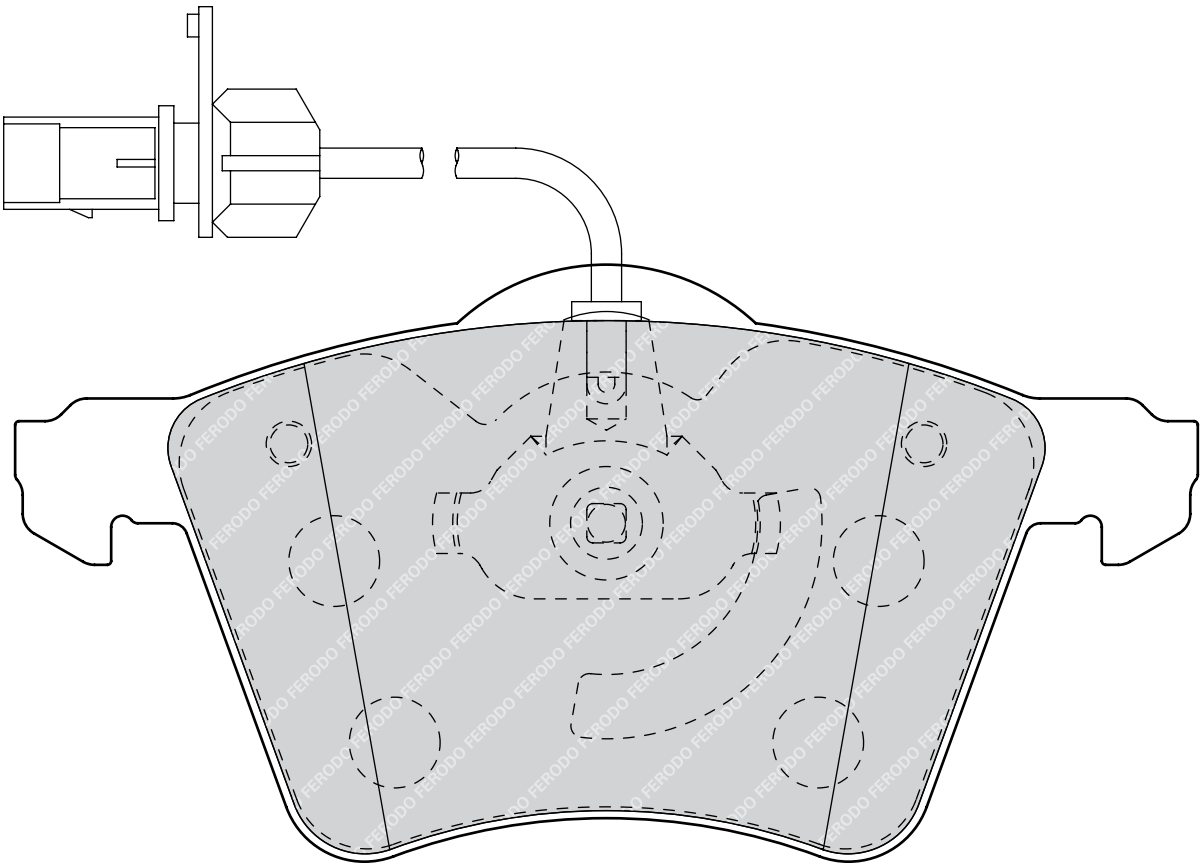
FORD Transit VI

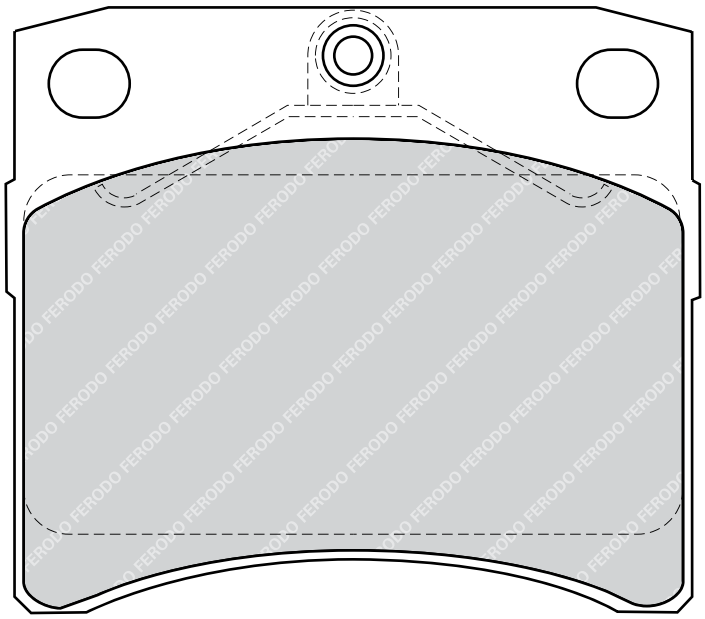


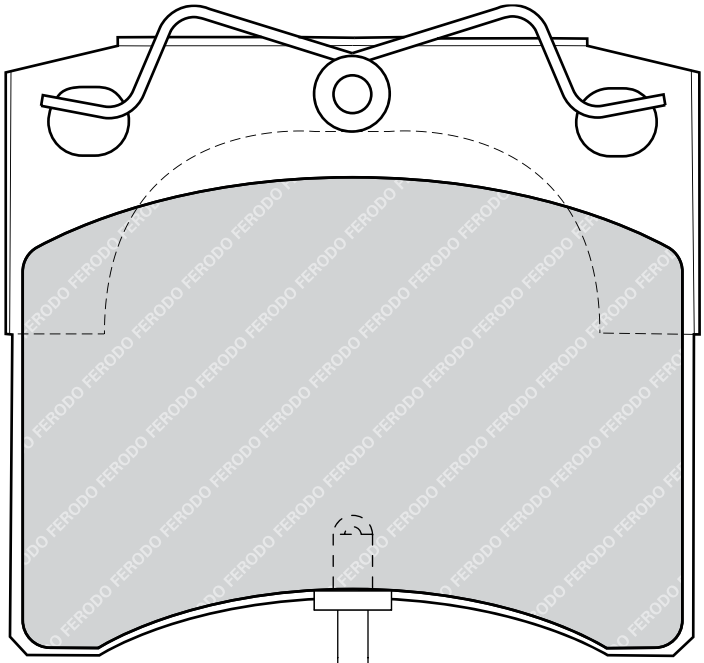
FVR1484 23034

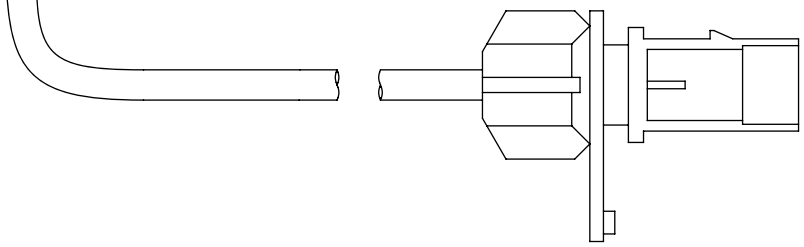
157 | 78.9 | 18.9 | ATE | fitted (2)

VOLKSWAGEN Transporter T4





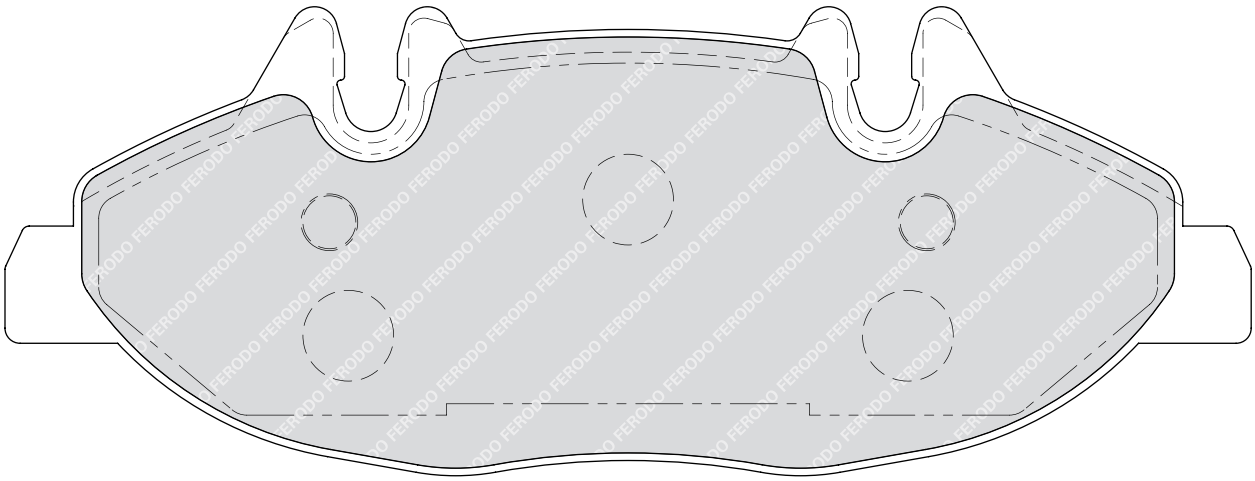




FVR1493 24007

162 | 60.7 | 21 | BOS | loose (2) | 4+4 pcs | 4 pcs

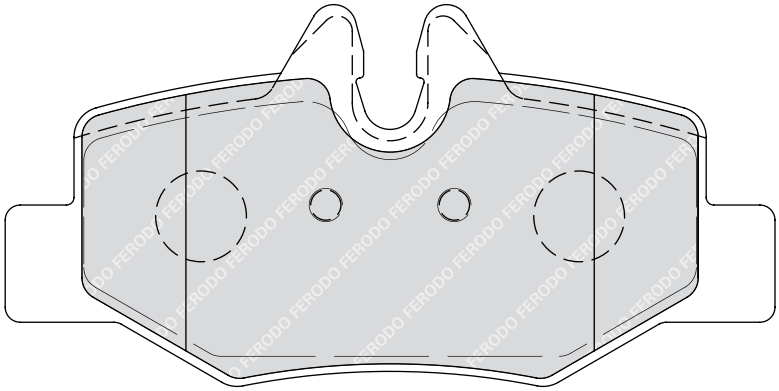
MERCEDES-BENZ Vito (639)



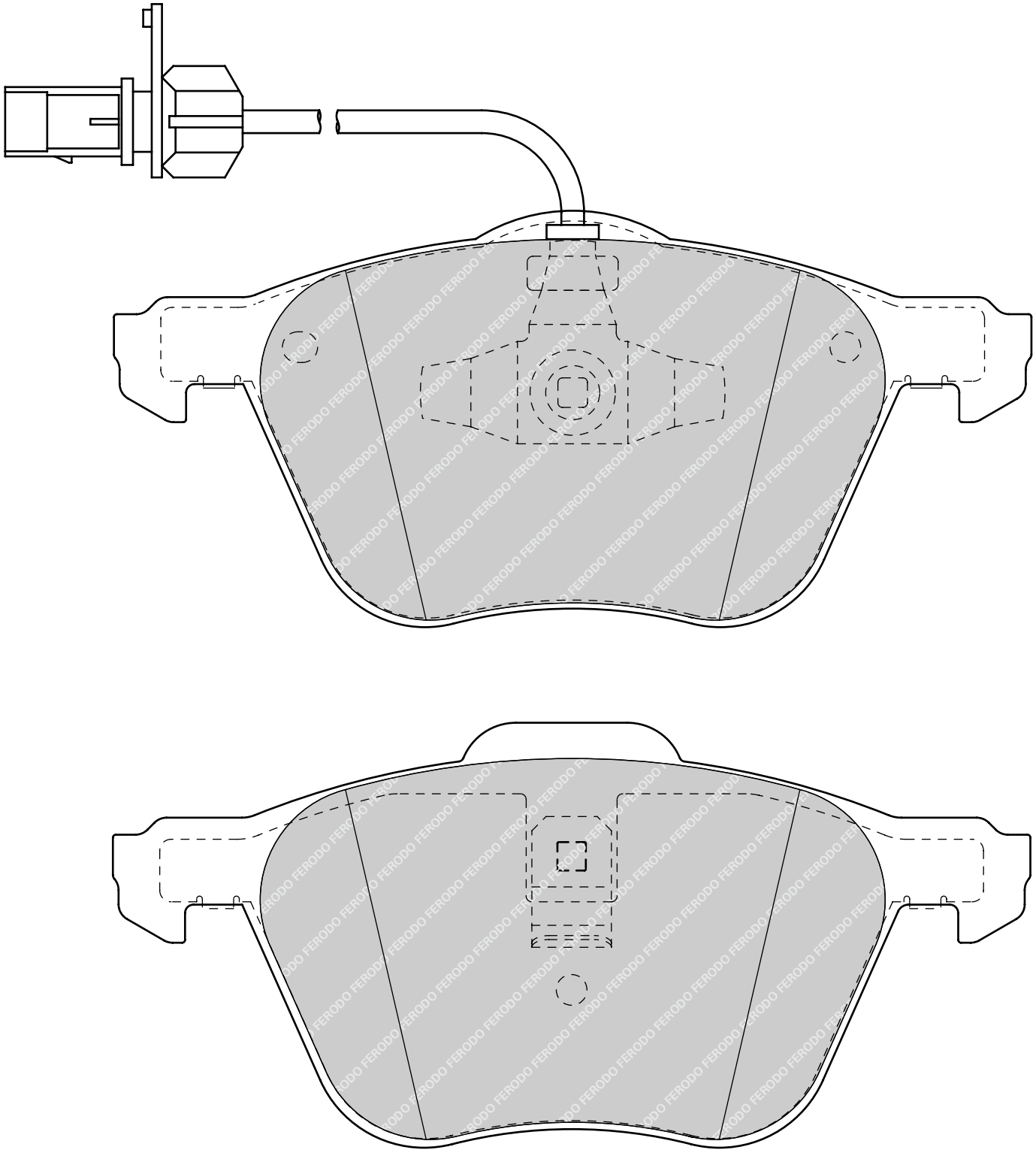
FVR1494 24008

99 | 48.8 | 18.5 | BOS | loose (2) | 4+4 pcs | 4 pcs

MERCEDES-BENZ Vito (639)



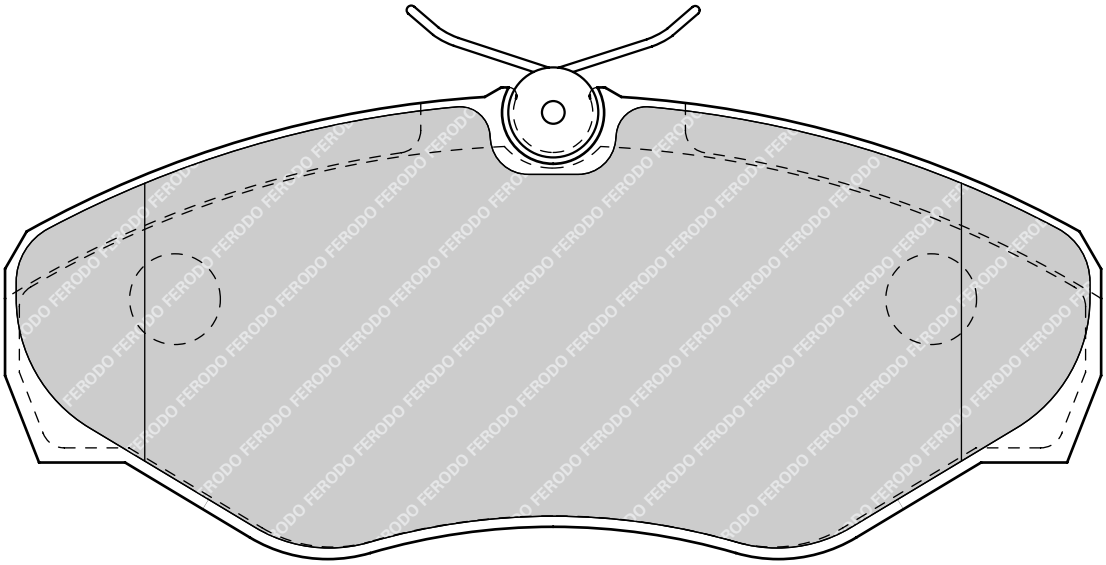
VOLKSWAGEN Transporter T4



FVR1515 23099

145 | 62.3 | 18.1 | TRW | 4 pcs

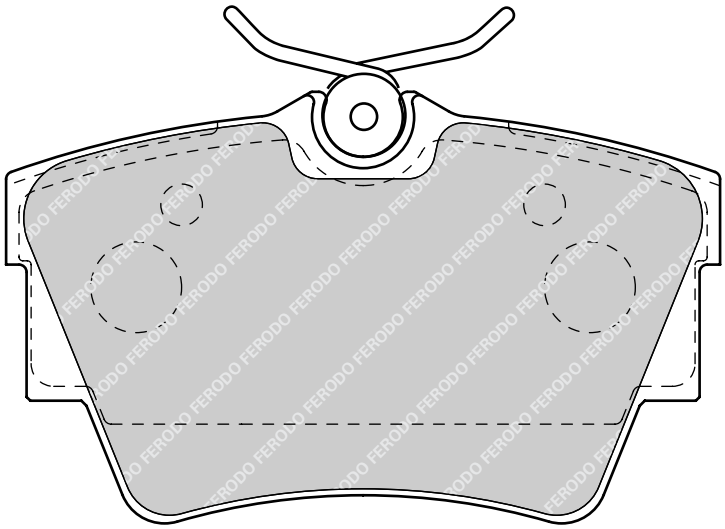
NISSAN Interstar, Primastar
RENAULT Trafic II



FVR1516 23980

95 | 57 | 17 | TRW | 4 pcs

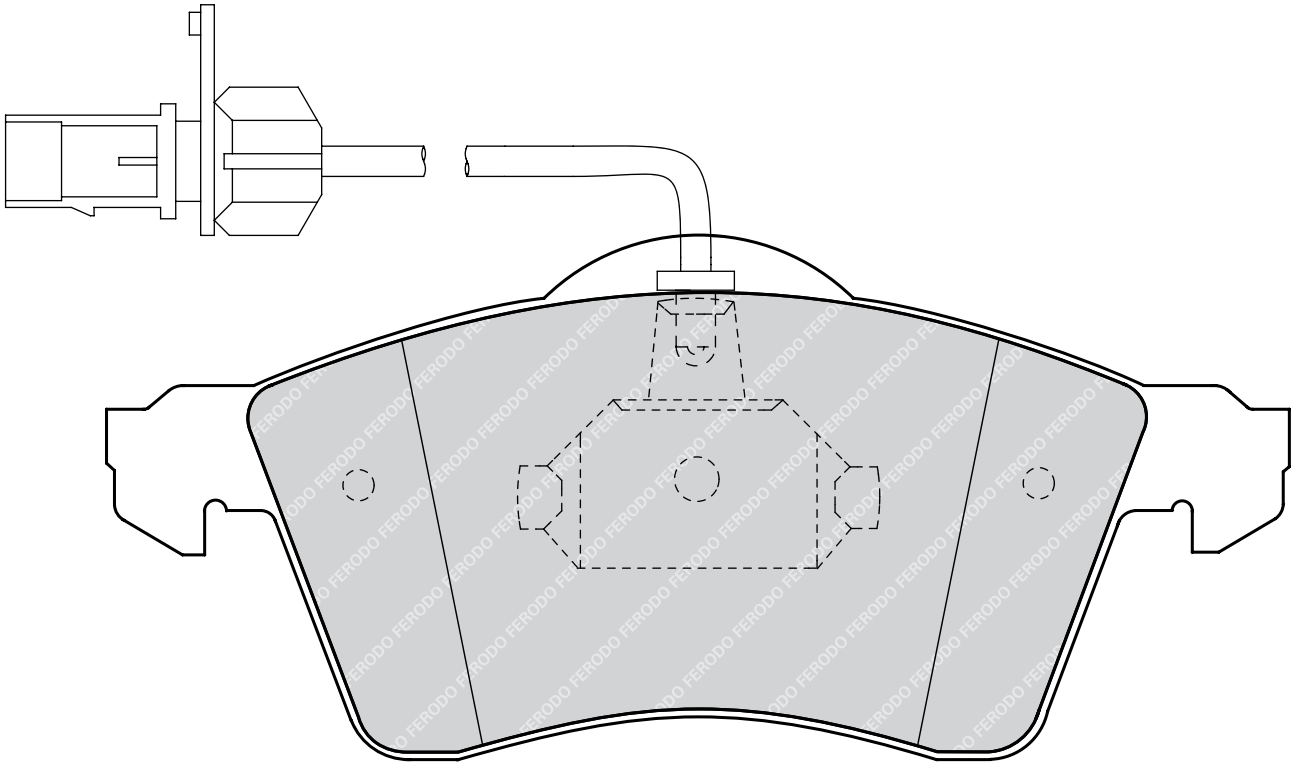
NISSAN Interstar, Primastar
RENAULT Trafic II



FVR1518 21883

156 | 68.5 | 19.6 | ATE | fitted (1)

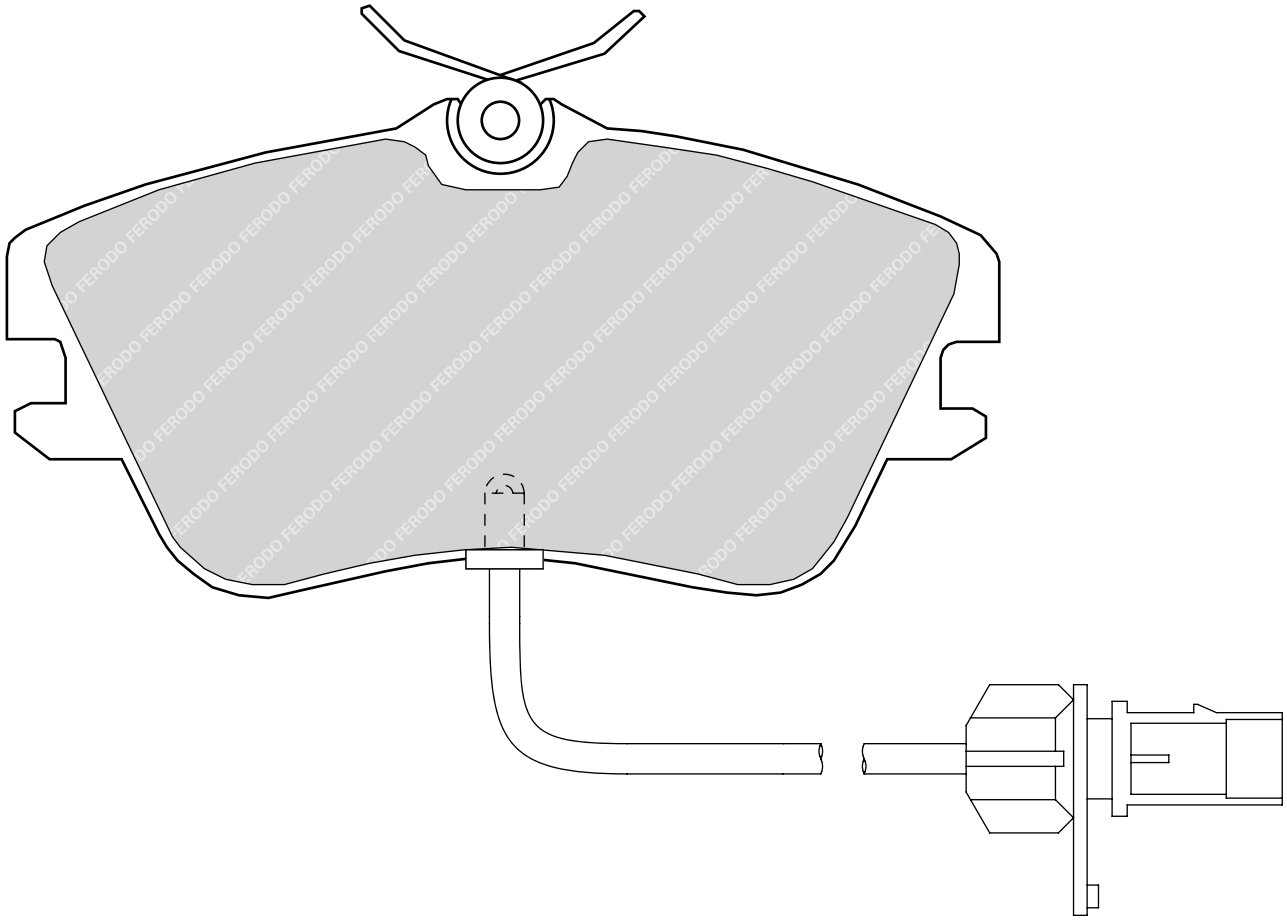
VOLKSWAGEN Transporter T4



FVR1519 21479/23445

130 | 65.5 | 19 | TRW | fitted (1) | 2 pcs

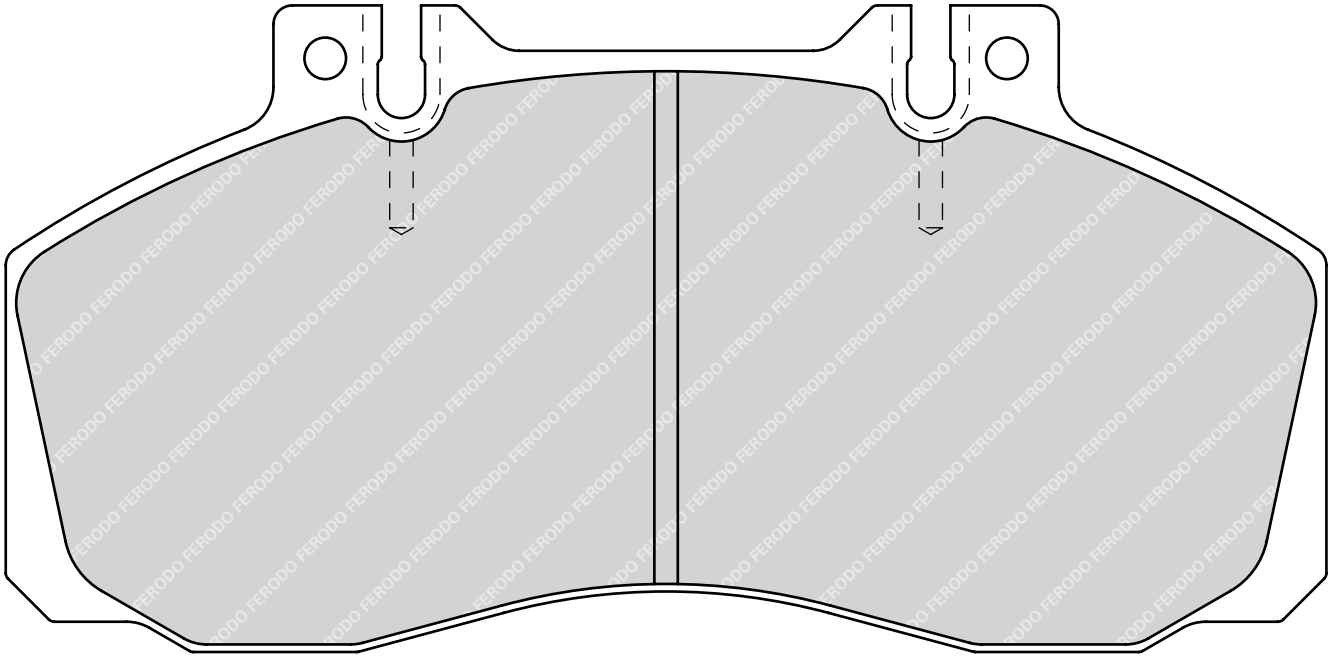
VOLKSWAGEN Transporter T4



FVR1522 29835

175 | 85 | 22 | MER

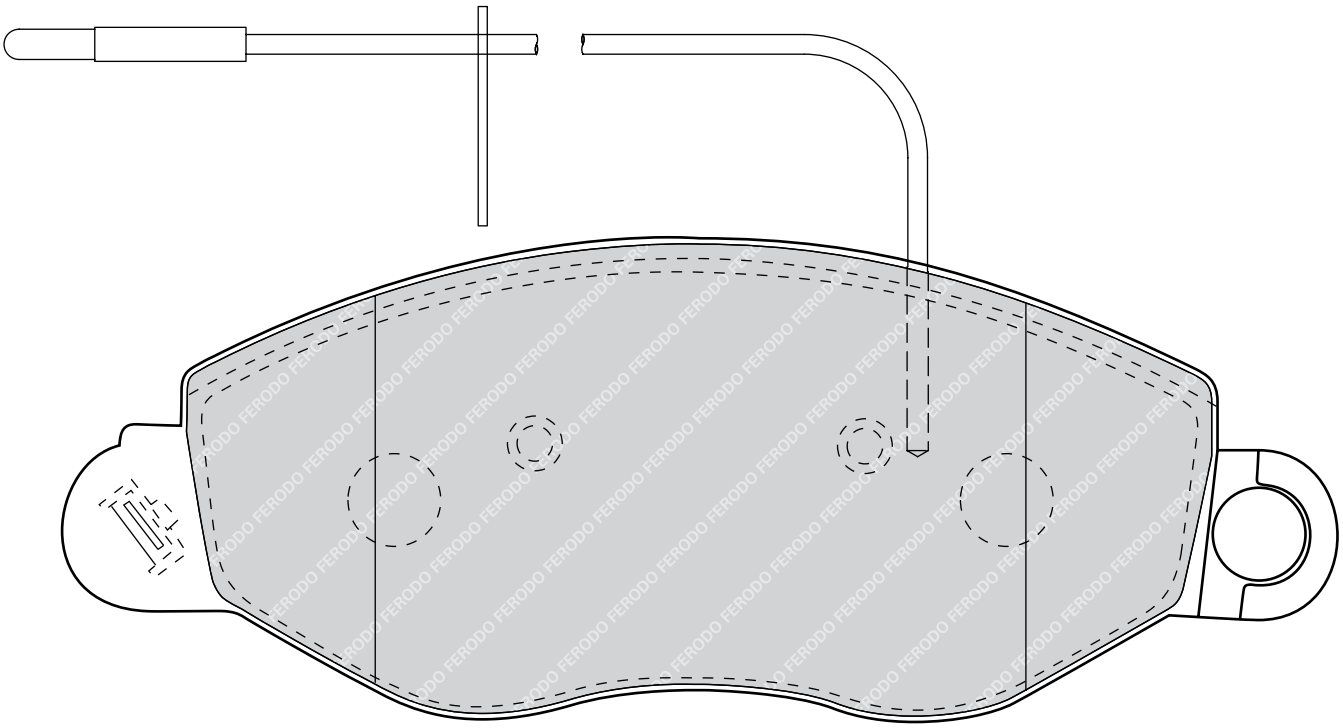
MERCEDES-BENZ MB100, T 2/LN1, T 2/LN1, Vario, Vario, Vario Minibus



FVR1616 23434

169 | 64.5 | 17.9 | BOS | fitted (2) | 2 pcs | 2 pcs

NISSAN Cabstar E

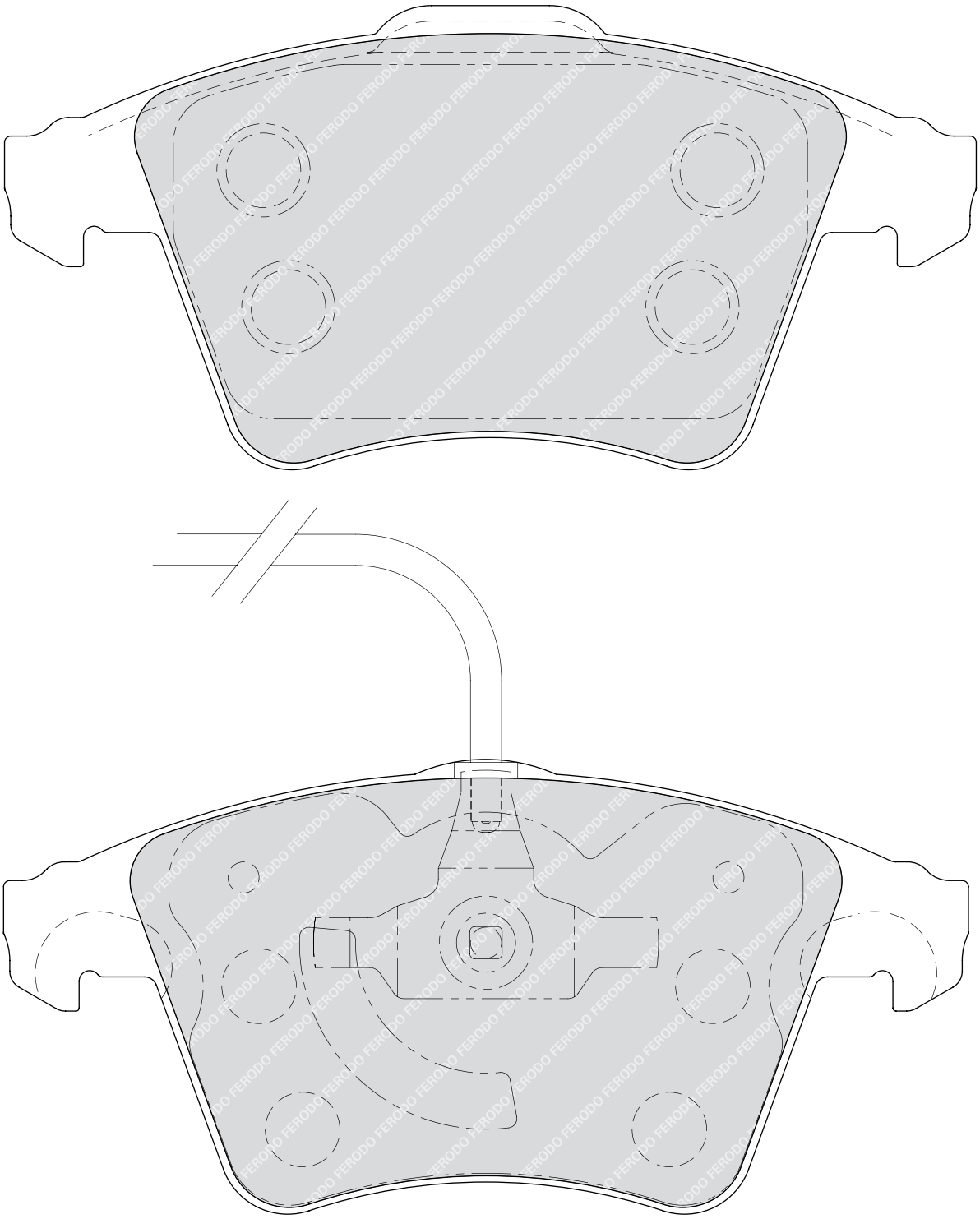


FERODO

FVR1642 23746

155.2/ 156.2 | 73.2/ 75 | 18.6/ 19.8 | ATE | loose (1) | 2 pcs

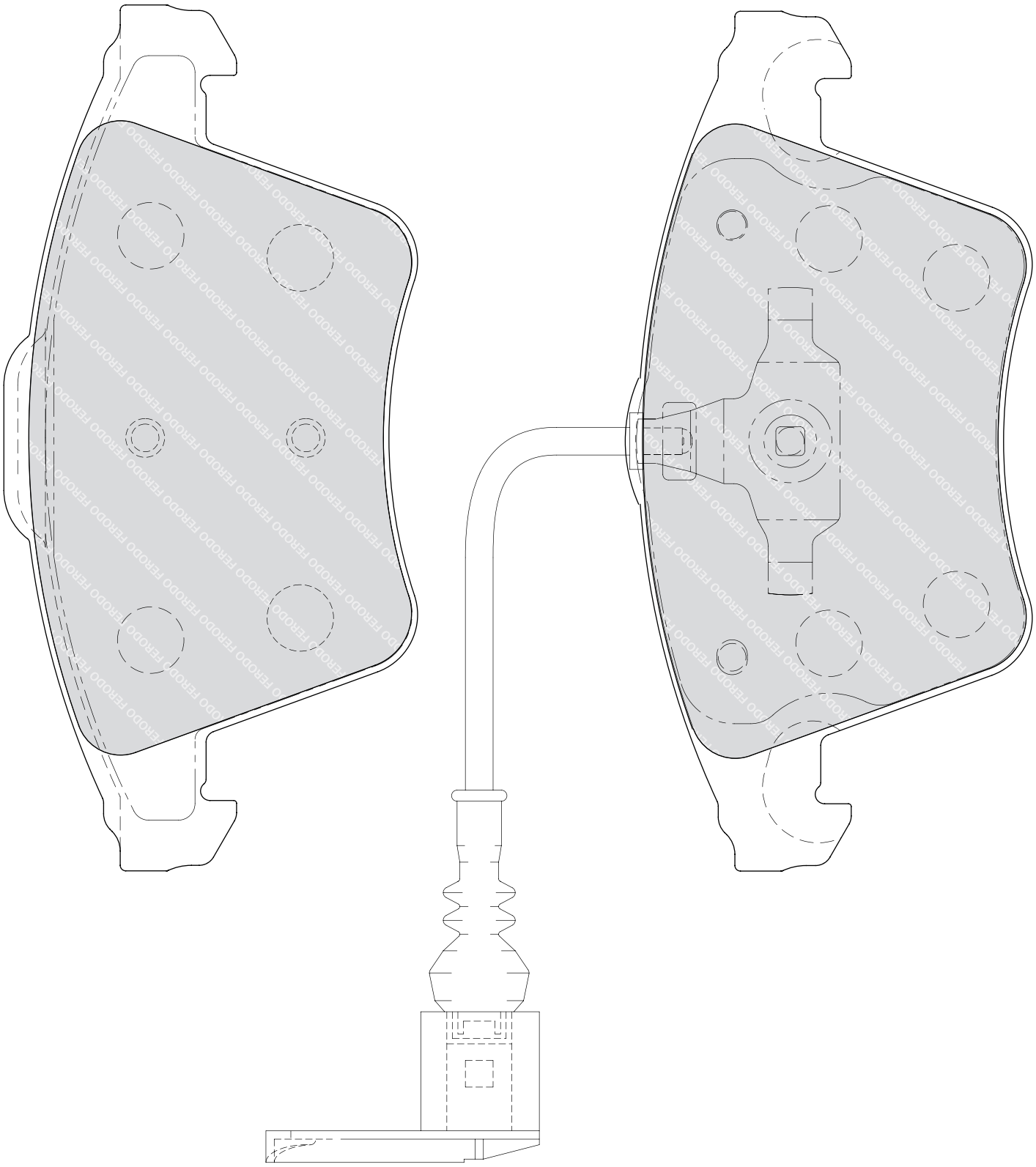
VOLKSWAGEN Transporter T5



FVR1643 23746

155.2/ 156.4 | 73.35/ 74.85 | 17.7/ 18.1 | ATE | fitted (1) | 2 pcs

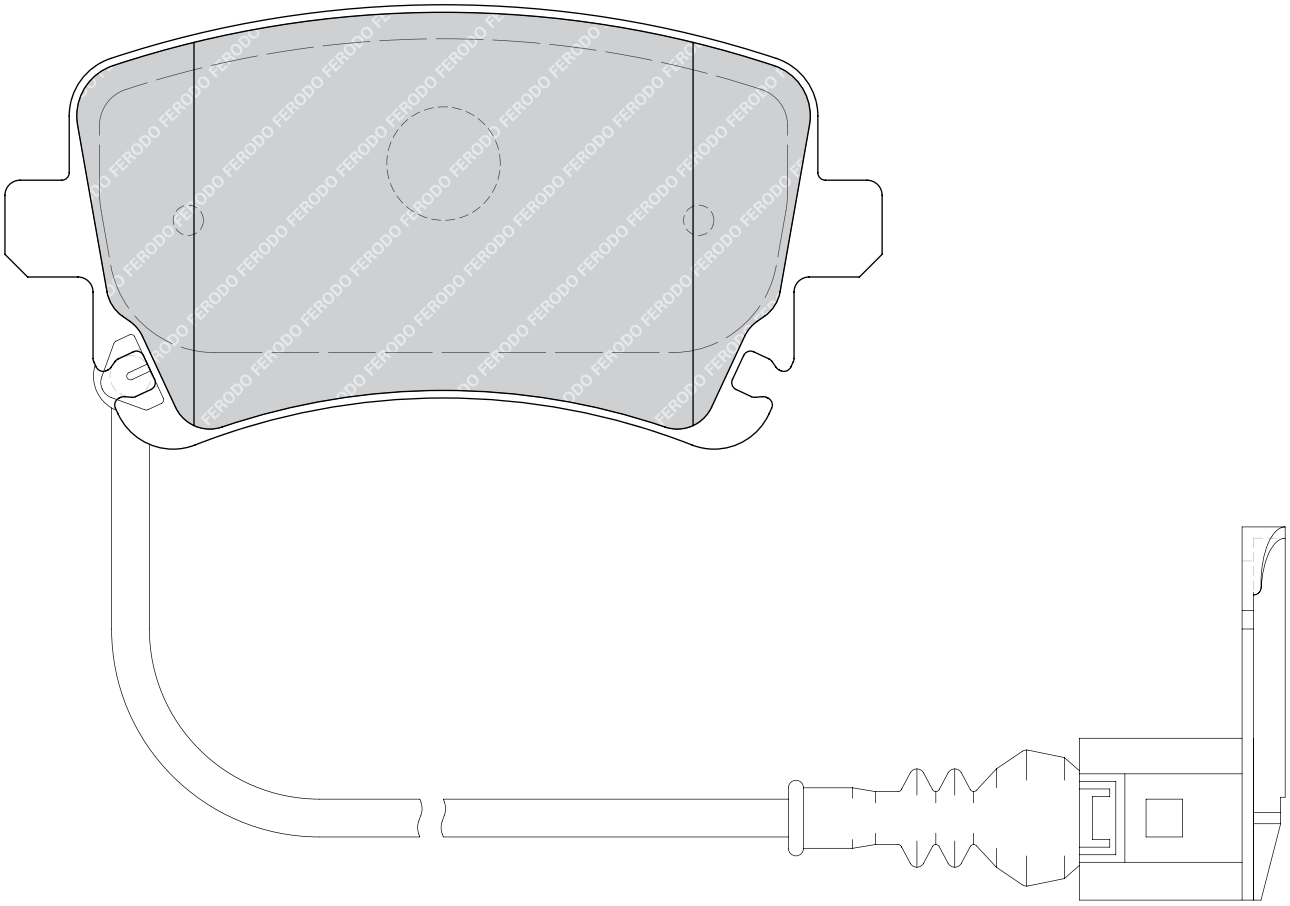
VOLKSWAGEN Transporter T5



FVR1644 23326

116 | 58.8 | 17.5 | TRW | fitted (1) | 4 pcs | 4 pcs

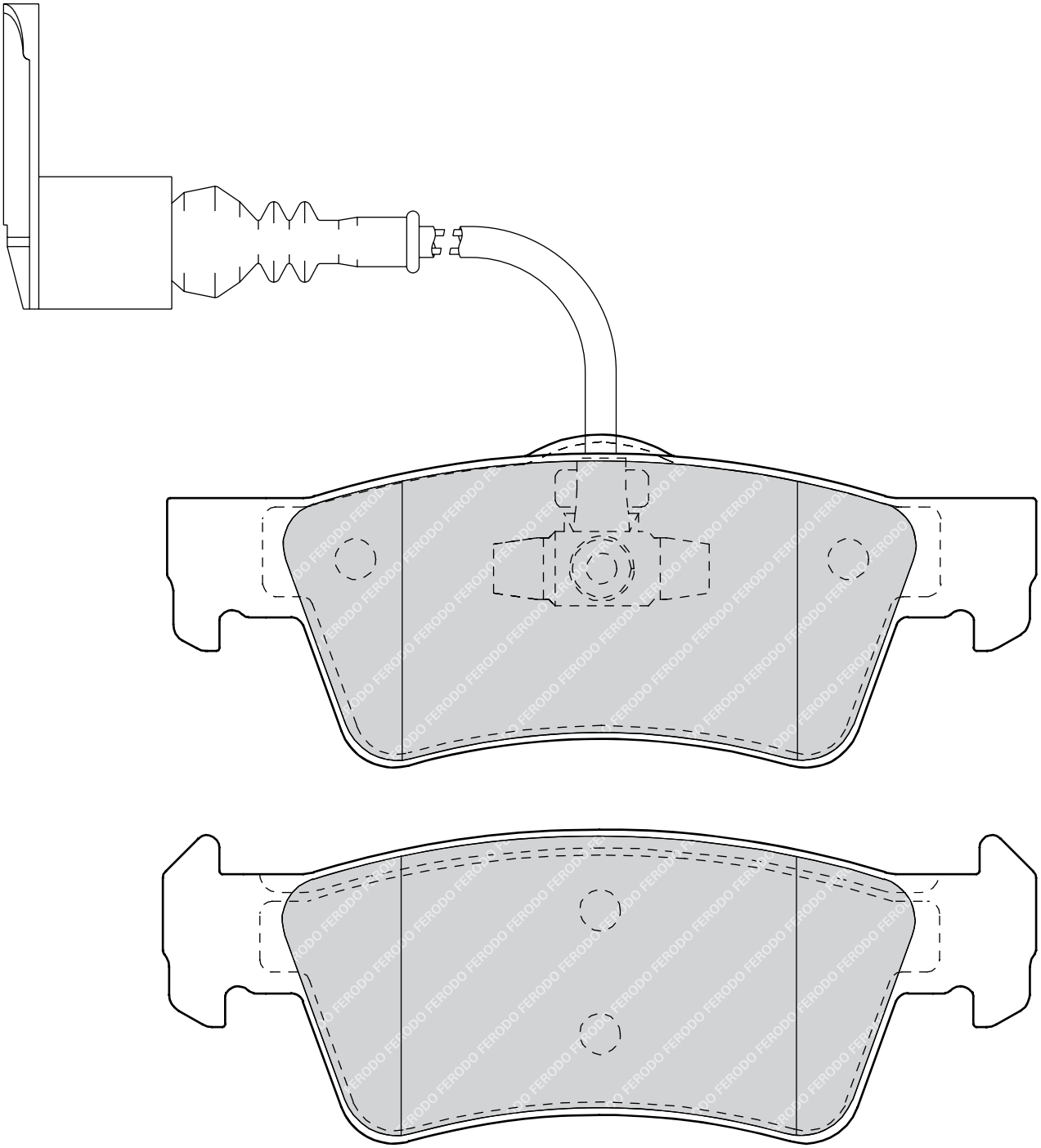
VOLKSWAGEN Transporter T5



FVR1647 24367

140.7/ 141.3 | 50.9/ 53.9 | 19.2 | ATE | fitted (1)

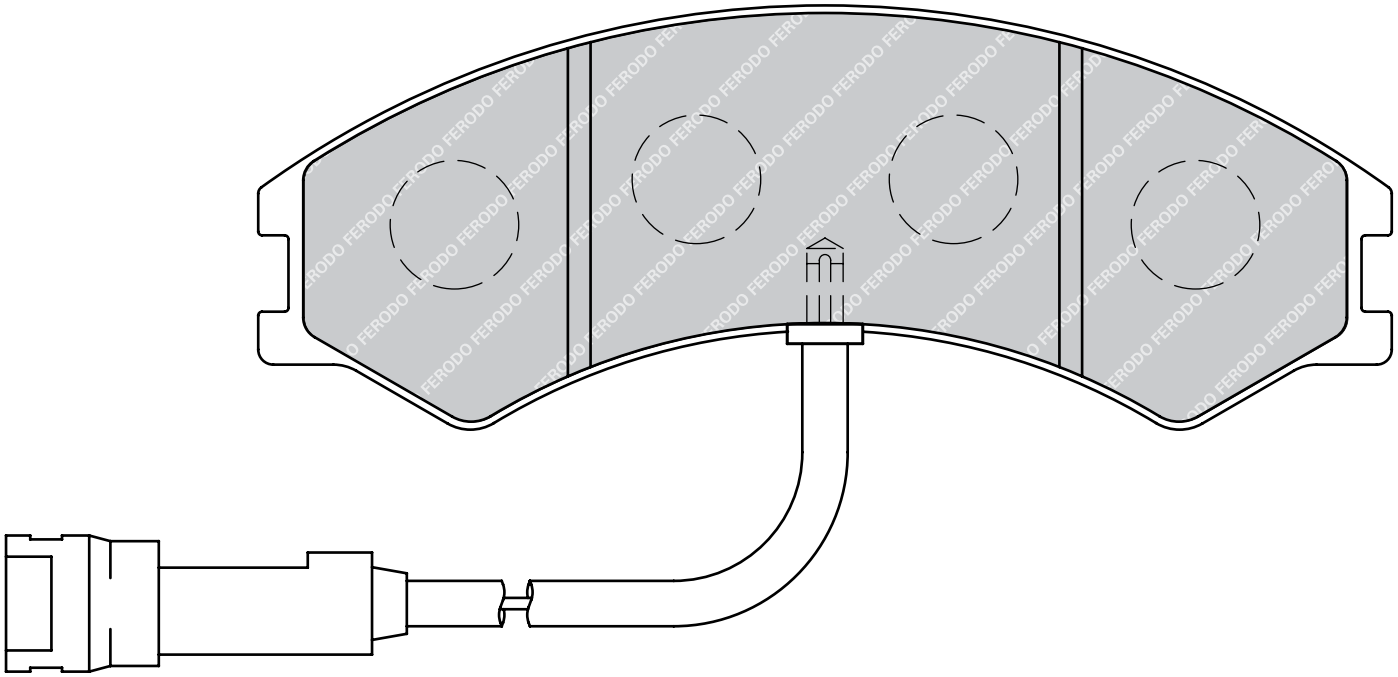
VOLKSWAGEN Transporter T5



FVR1761 29208

150 | 56.1 | 17 | - | fitted (2) | 4 pcs

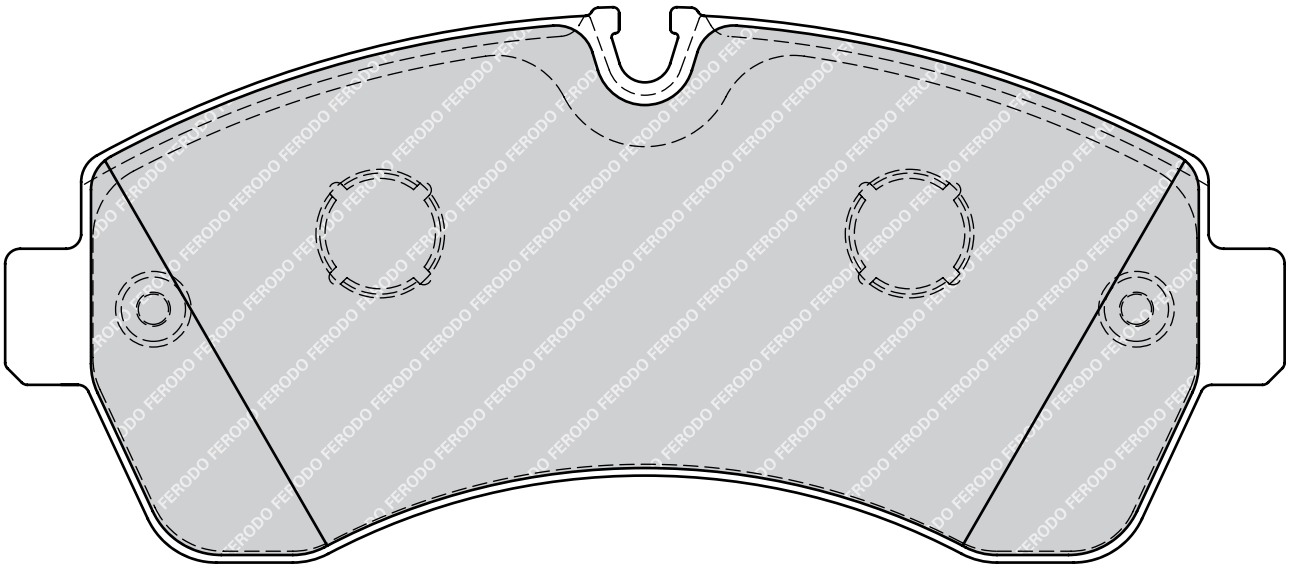
MULTICAR M26



FVR1777 29200

169.3 | 73.5 | 20.7 | BRE | 4 pcs | 4 pcs

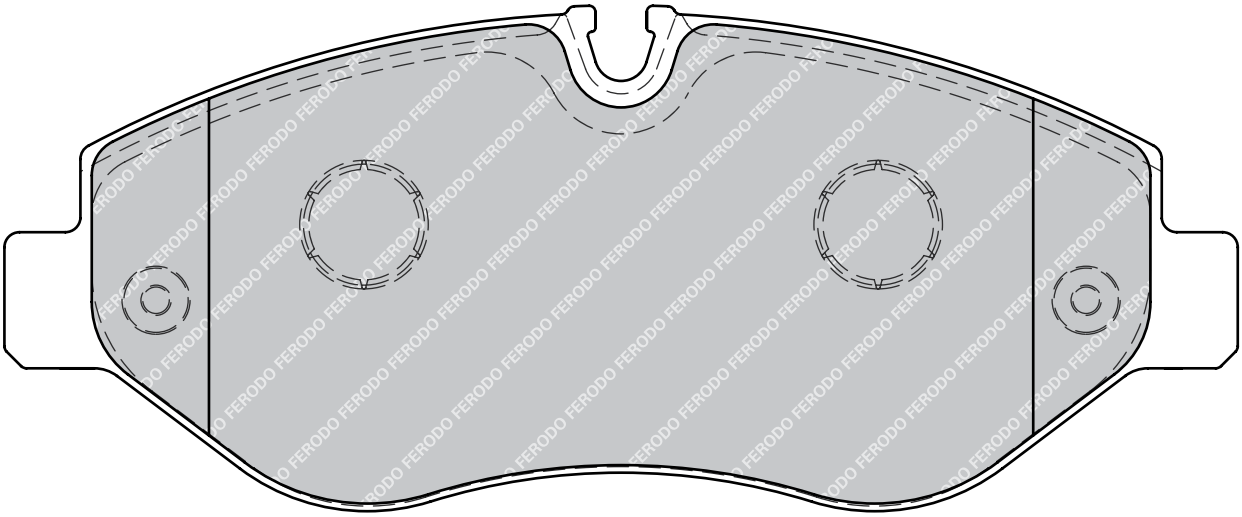
MERCEDES-BENZ Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



FVR1778 29192

163.2 | 66.9 | 20.8 | BRE | 4 pcs | 4 pcs

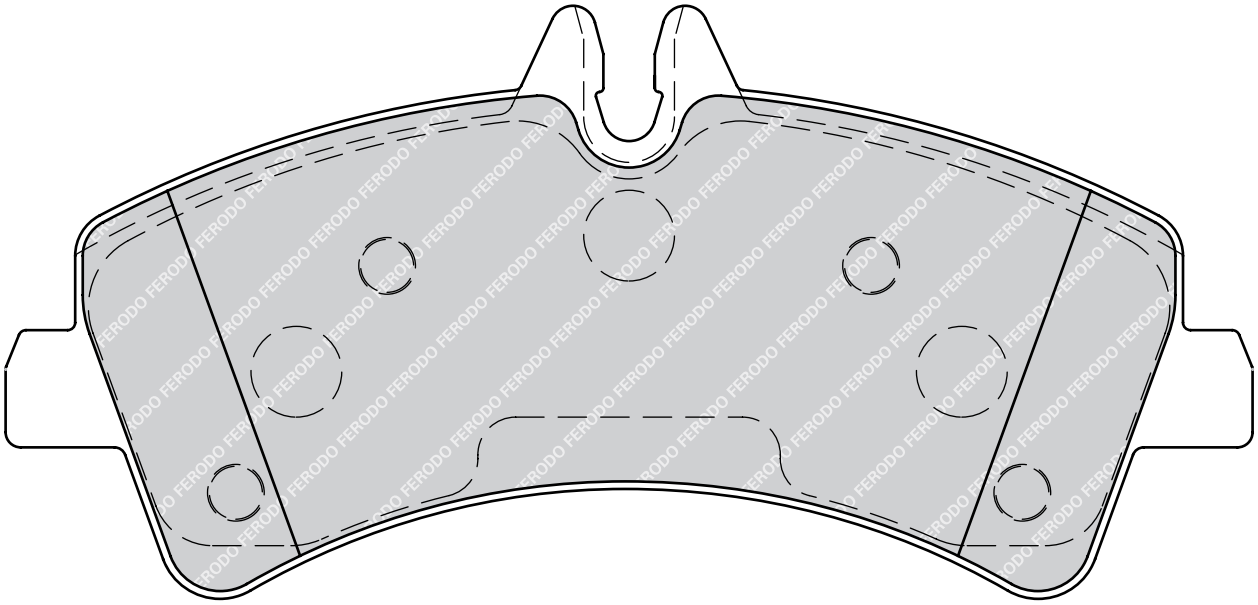
MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T



FVR1779 29217

164.98 | 78.4 | 20.6 | BOS | 4 pcs

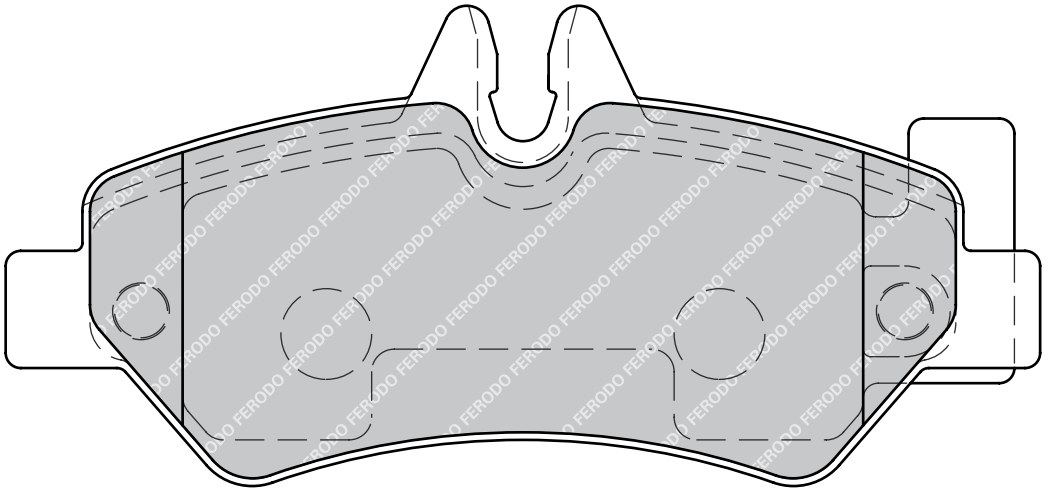
MERCEDES-BENZ Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



FVR1780 29190

136.9 | 63 | 19.7 | BOS | loose (2) | 4+4 pcs | 2 pcs

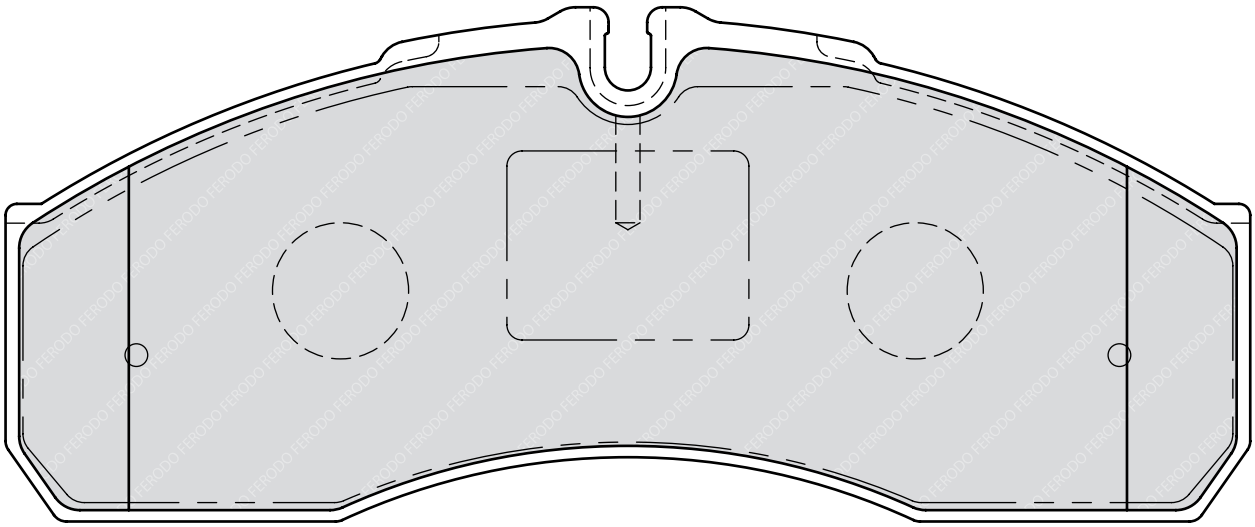
MERCEDES-BENZ Sprinter 3-T (906), Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T



FVR1791 29237

164.7 | 68.1 | 20.4 | BRE | loose (2) | 2+4 pcs | 4 pcs

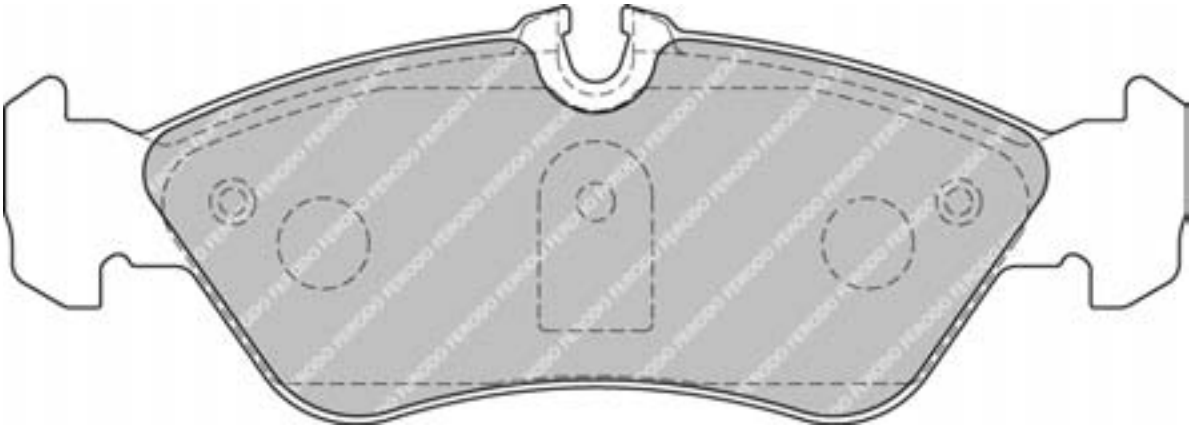
MERCEDES-BENZ Sprinter (905)



FVR1876 21592

156.4 | 55.2 | 18.5 | ATE

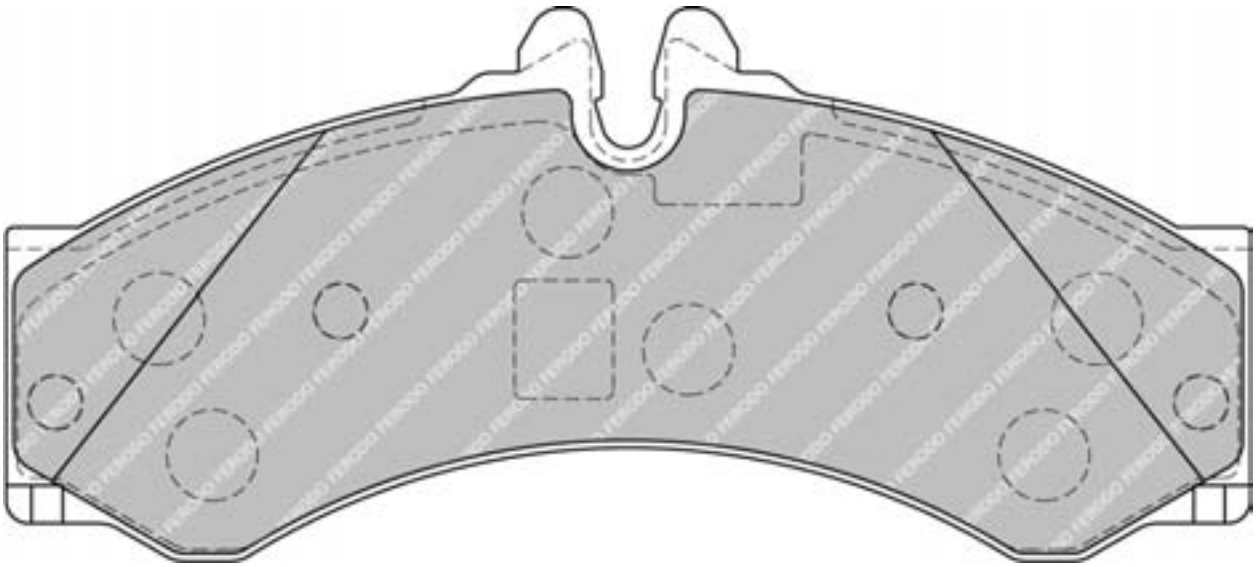
ATE BREMSEN All
MERCEDES-BENZ Sprinter 3-T (903), Sprinter Mini Bus (3,5 ton)
VOLKSWAGEN LT II (2DX0FE)



FVR1879 29153

164.6 | 73 | 19.7 | PER

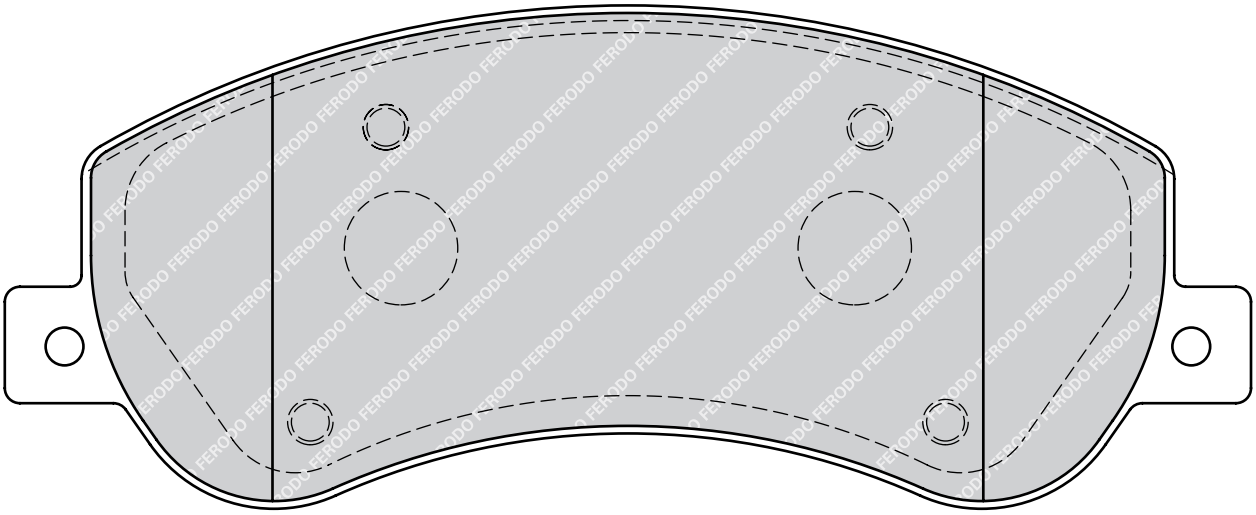
MERCEDES-BENZ Sprinter 4-T (904), Sprinter 4-T (906), Sprinter Mini Bus (4,6 ton)
MULTICAR Fumo
OPTARE Soroco NT
PERROT BREMSEN (WABCO) All
VOLKSWAGEN LT II (2DX0FE)



FVR1928 24484

164.9 | 66.6 | 18.8 | BOS | loose (2) | 4+4 pcs | 2 pcs

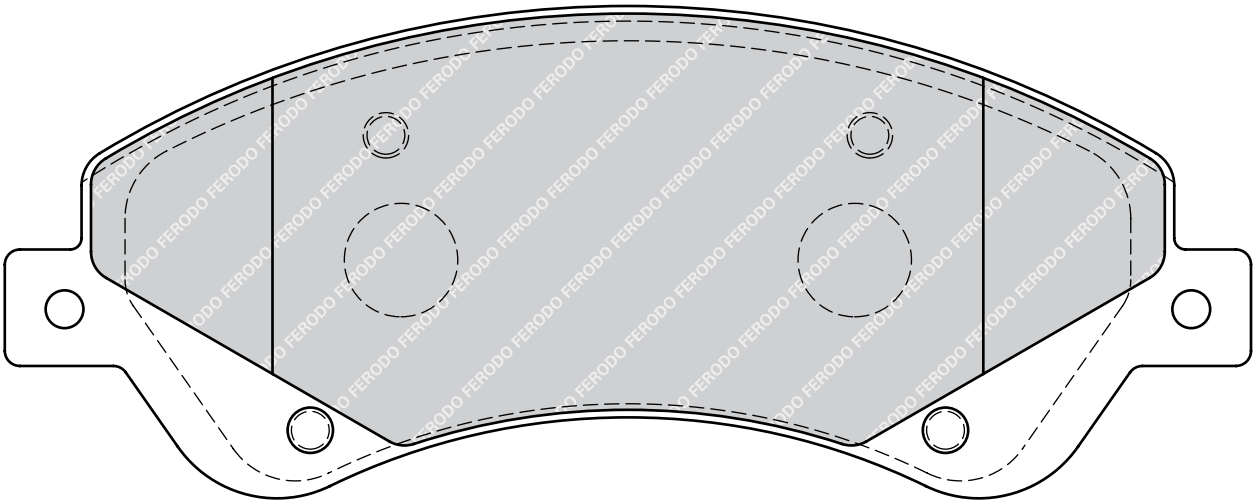
FORD Transit VII



FVR1929 24485

164.9 | 65.1 | 18.8 | BOS | loose (2) | 4+4 pcs | 2 pcs

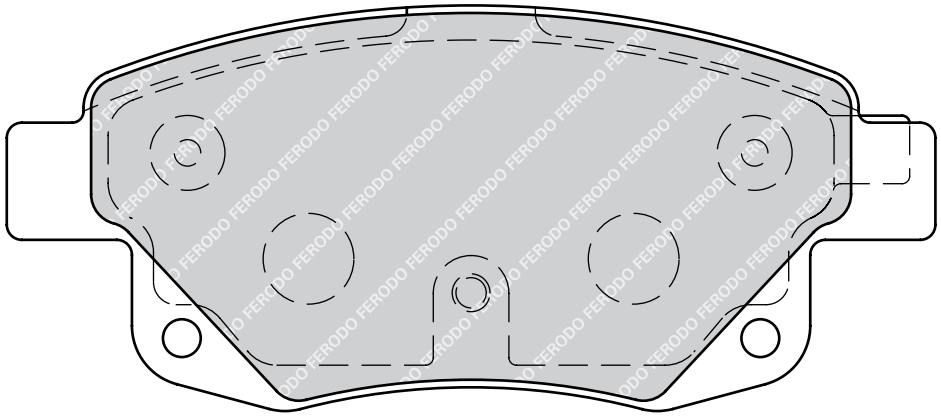
FORD Transit VII



FVR1930 24486

122.9 | 53.6 | 17.2 | BOS | loose (2) | 4+4 pcs | 2 pcs

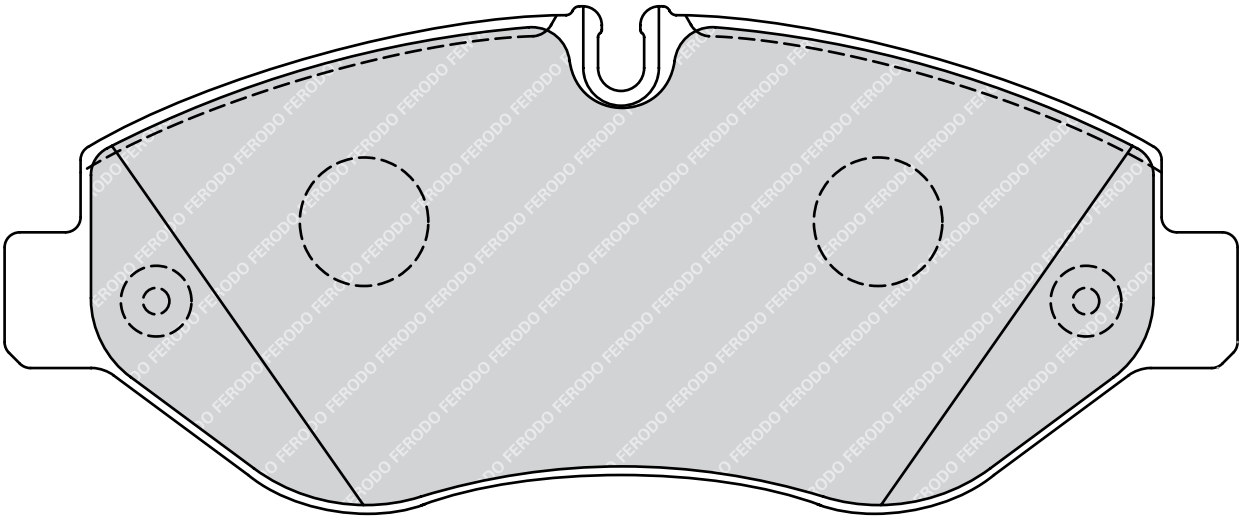
FORD Transit VII, Transit VII



FVR4036 29229

163.3 | 67.1 | 20.7 | BRE | 4 pcs | 2 pcs

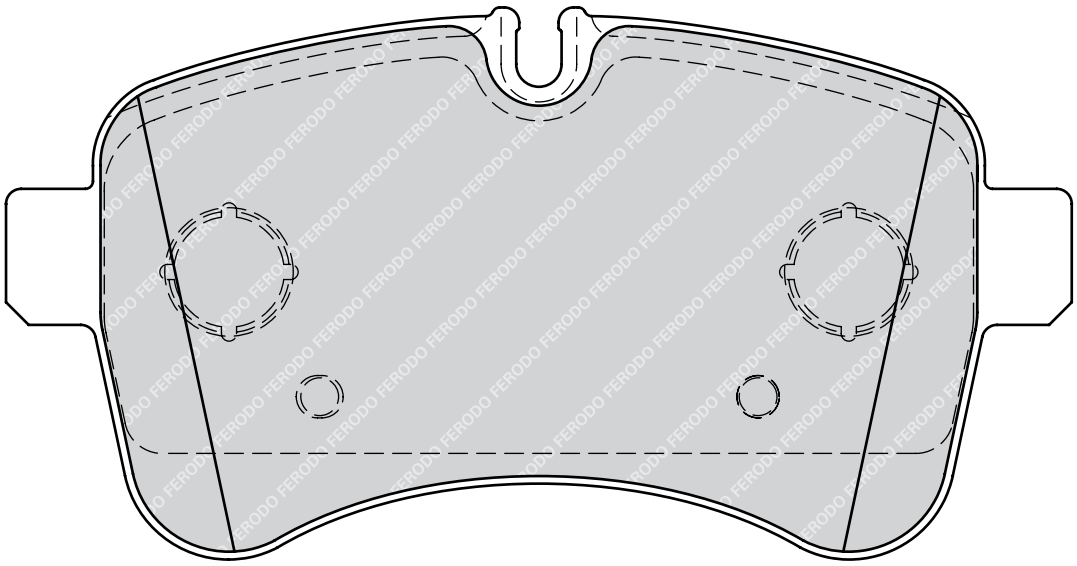
IVECO Daily III 06→



FVR4037 29232

141.3 | 72.5 | 20.7 | BRE | 4 pcs | 4 pcs

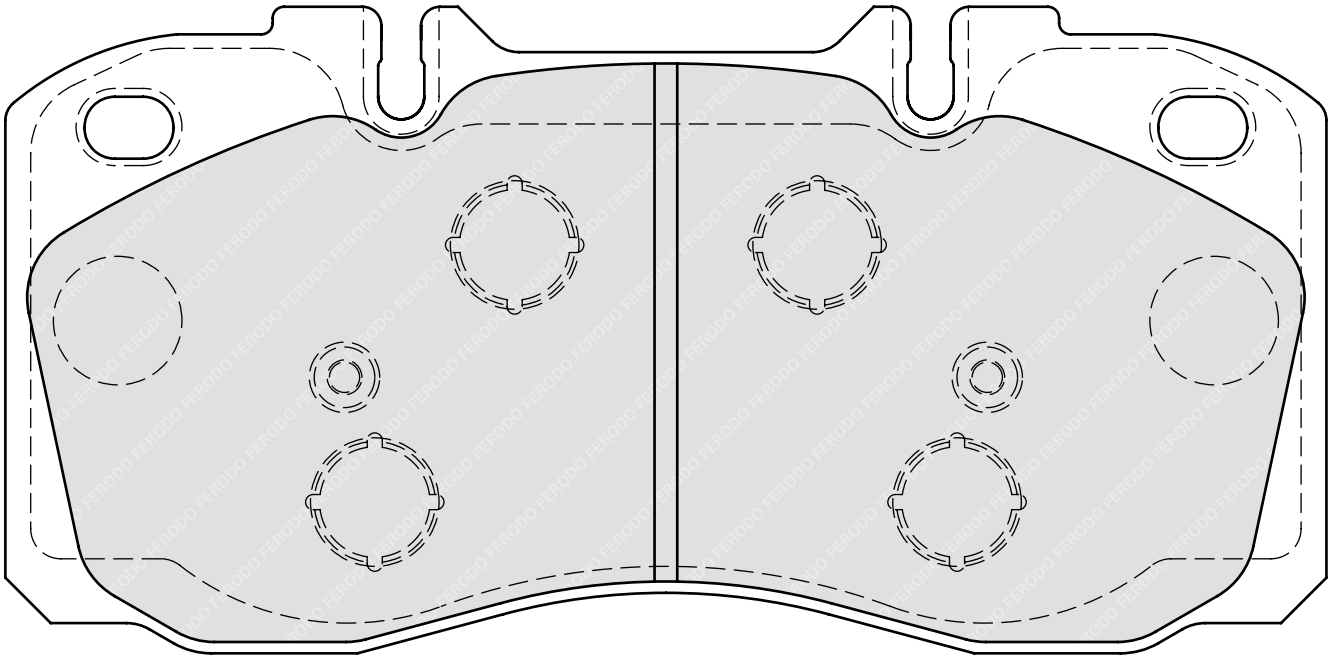
IVECO Daily III 06→



FVR4038 29122

174.8 | 85.5 | 22.1 | BRE

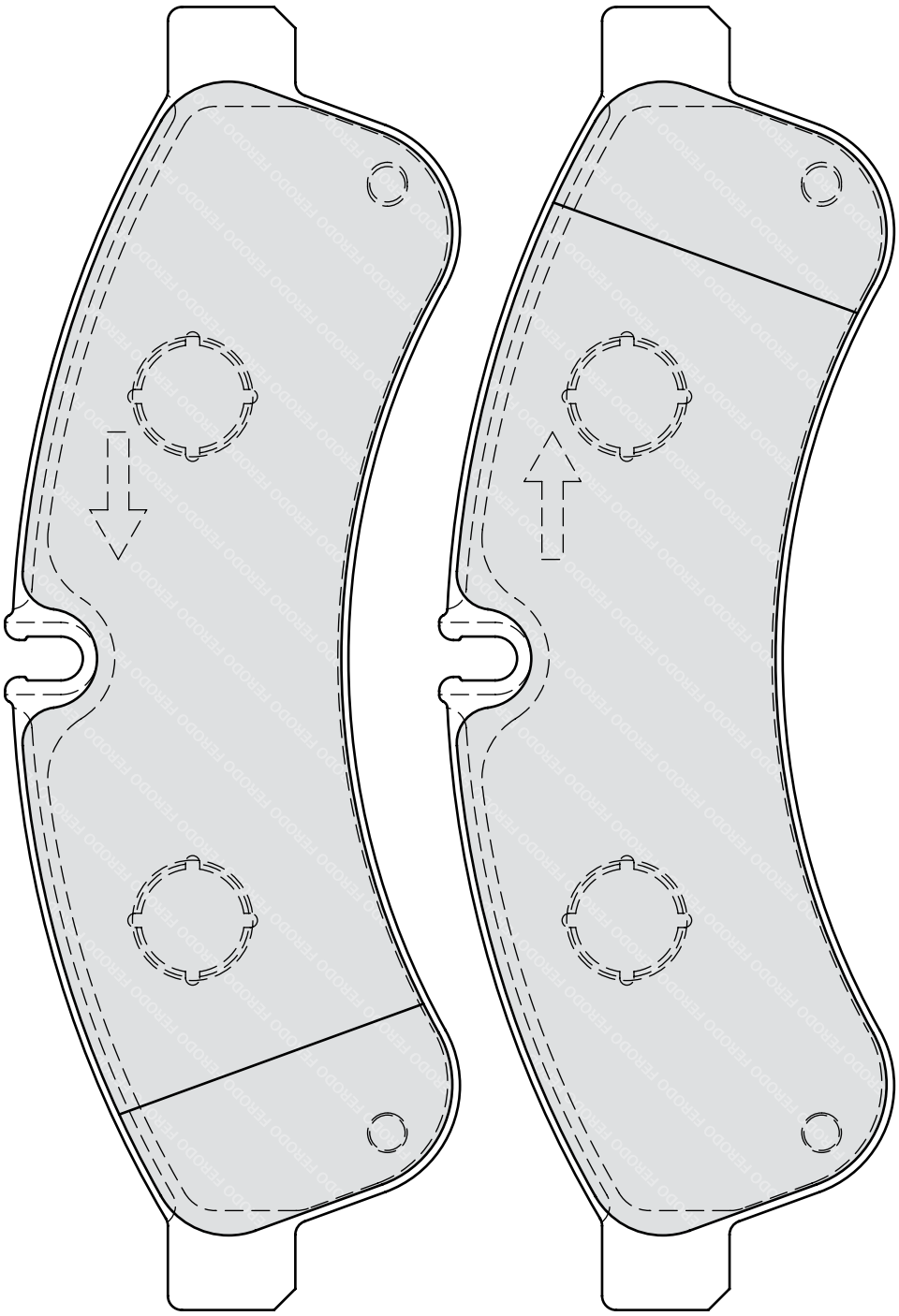
IVECO Daily III 06→



FVR4039 29231

184.2 64.2 22.7 BRE 4 pcs 4 pcs

IVECO Daily III 06→

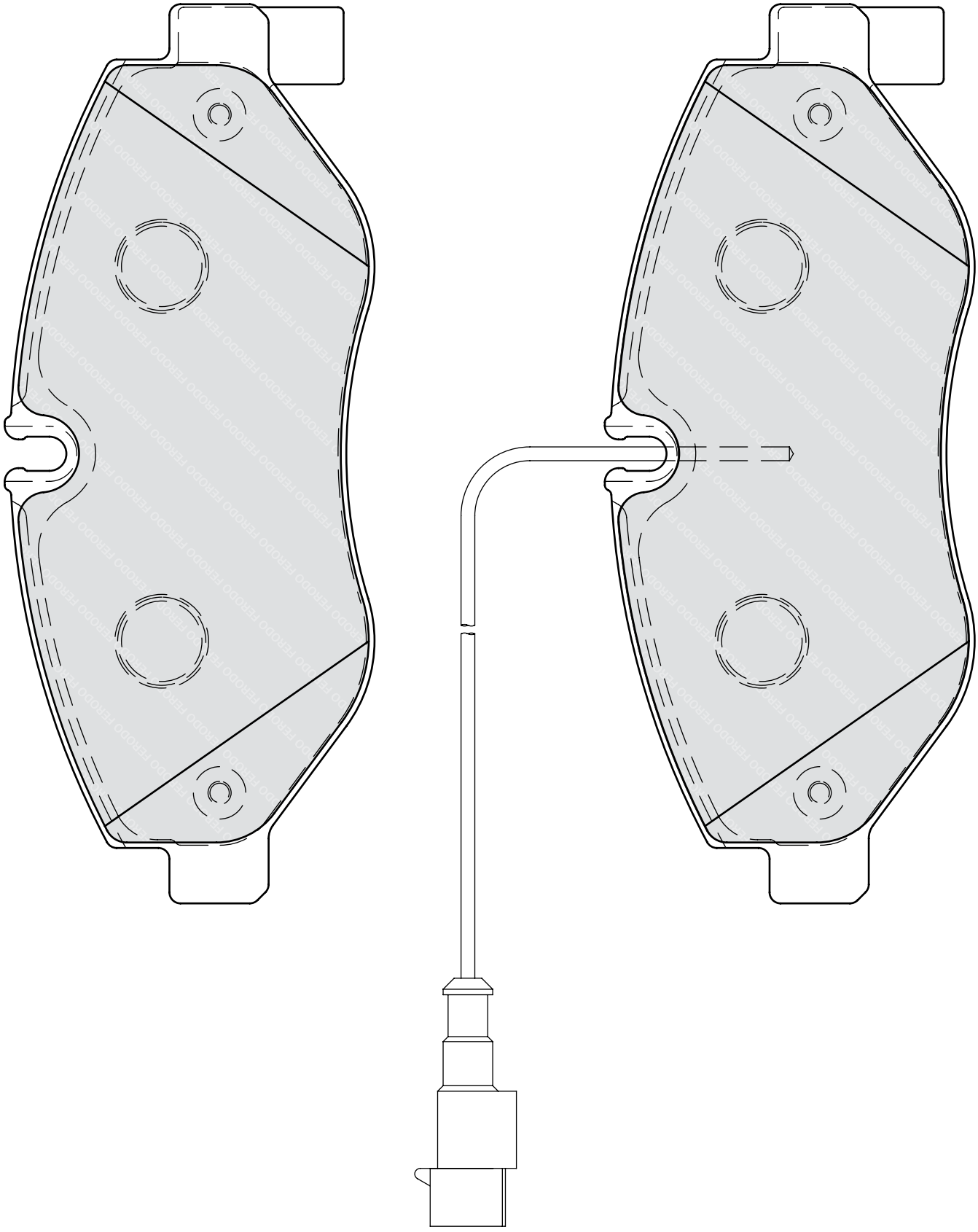


FERODO

FVR4053 29230

163.3 | 67.1 | 20.7 | BRE | fitted (2) | 4 pcs | 4 pcs

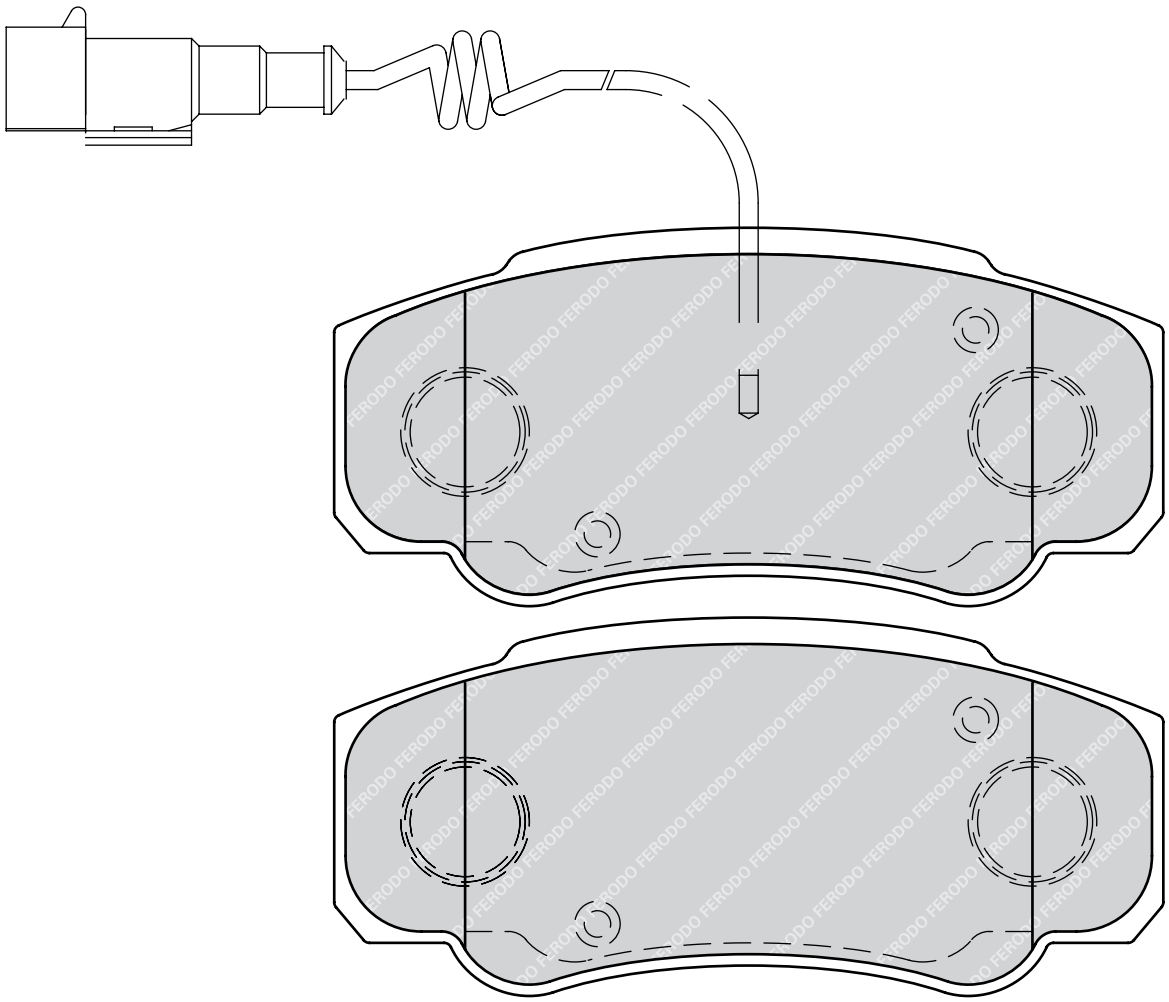
NISSAN Cabstar
RENAULT Maxity



FVR4054 24589/23921/23860

109.8 | 50 | 20.5 | BRE | fitted (2) | 4 pcs

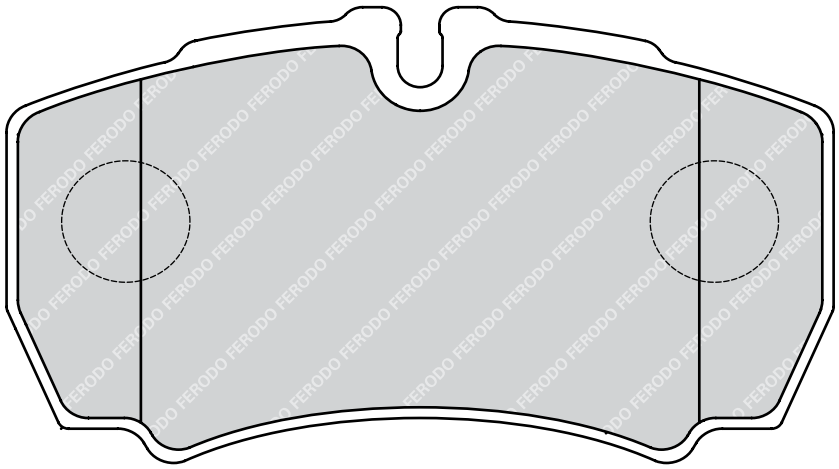
NISSAN Cabstar
RENAULT Maxity



FVR4140 29123

109.8 | 63.5 | 20 | BRE | 4 pcs

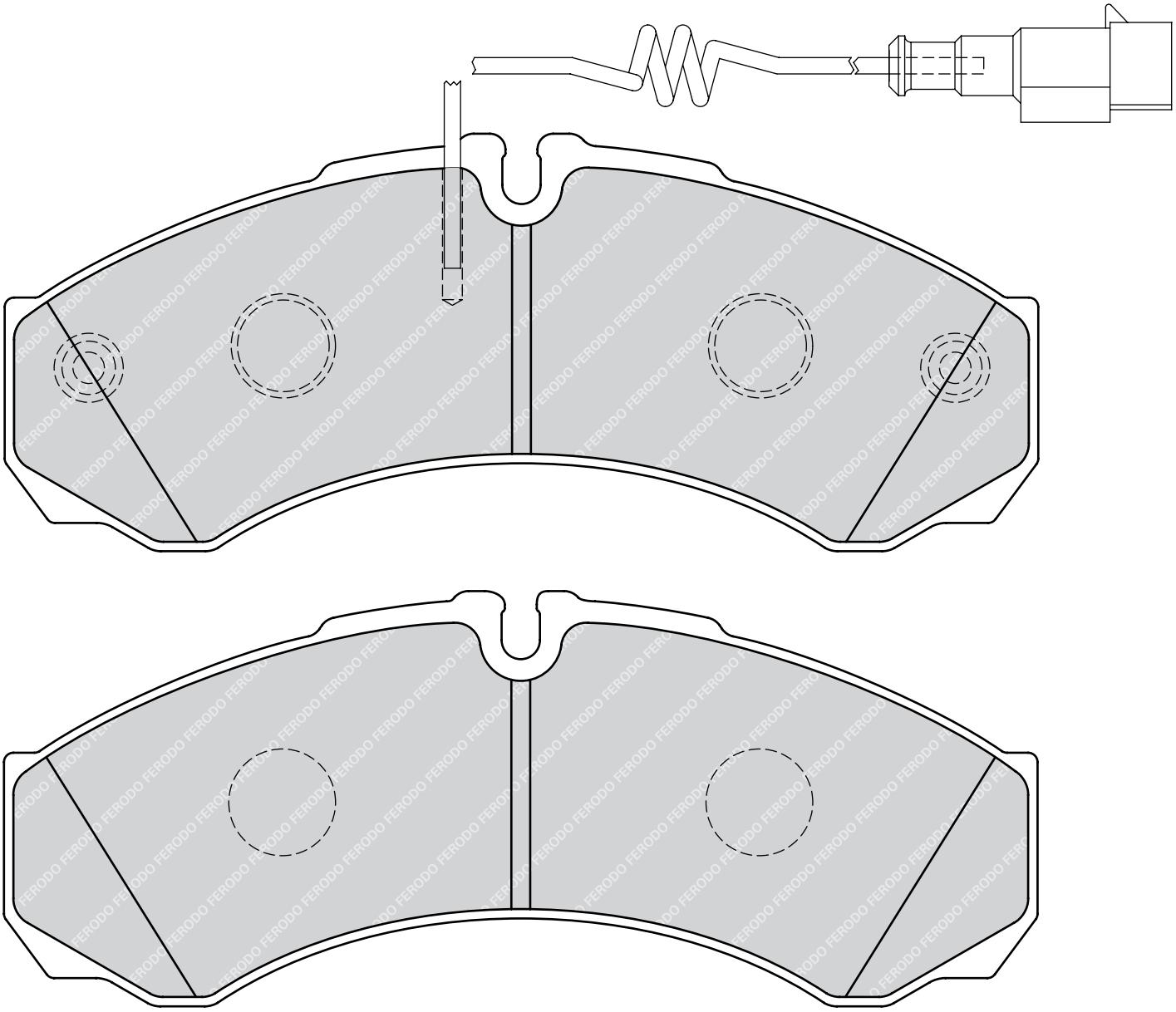
IVECO Daily III 06→



FVR4156 29121

164.8 | 66.5 | 20.3 | BRE | fitted (2) | 4 pcs | 4 pcs

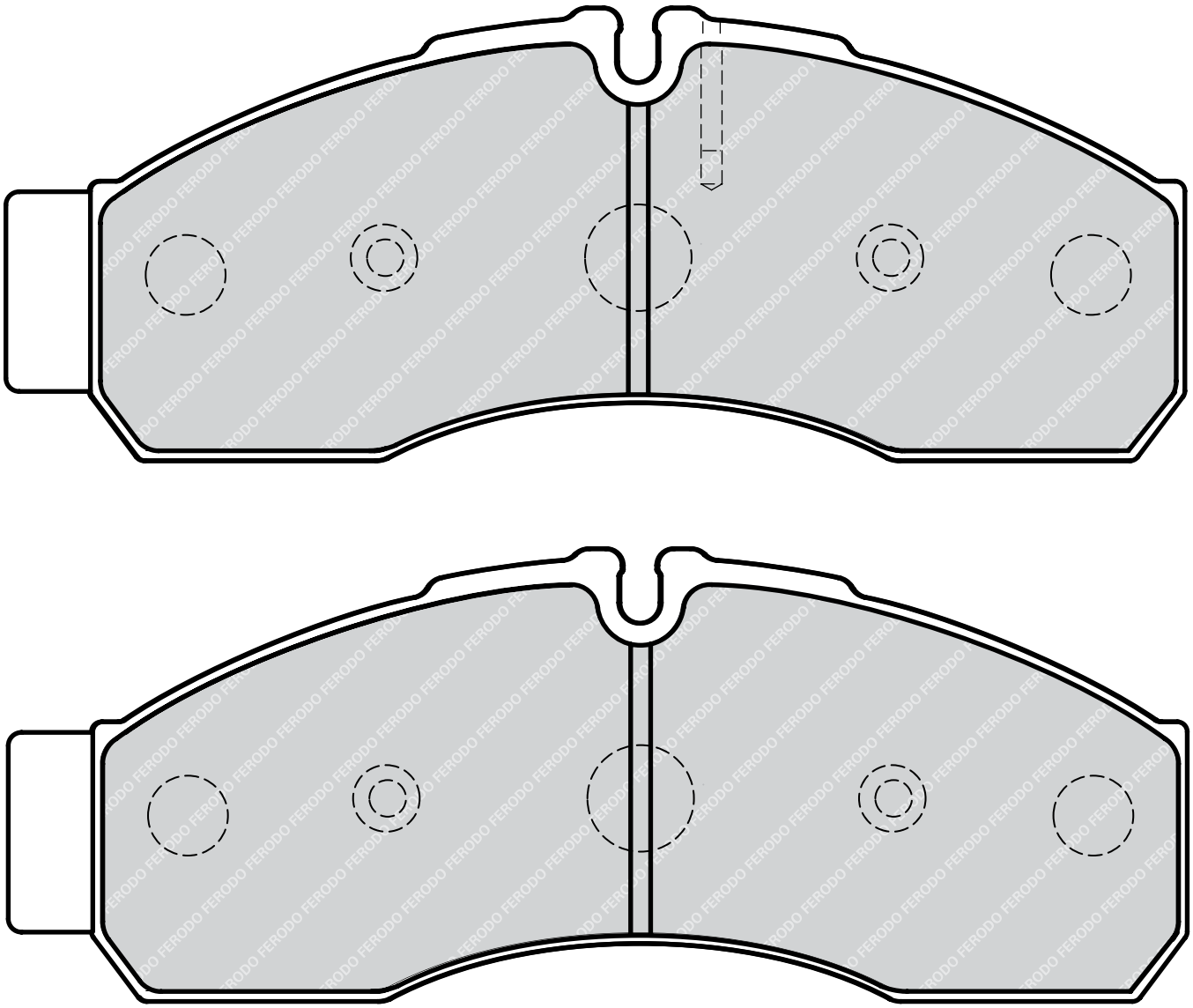
NISSAN Cabstar
RENAULT Maxity



FVR4248 29160

164.8 | 68 | 20 | BRE | fitted (2) | 4 pcs

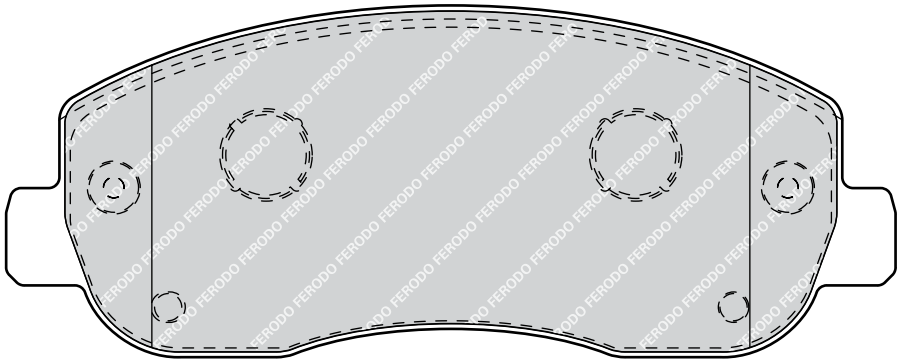
NISSAN Cabstar
RENAULT Maxity

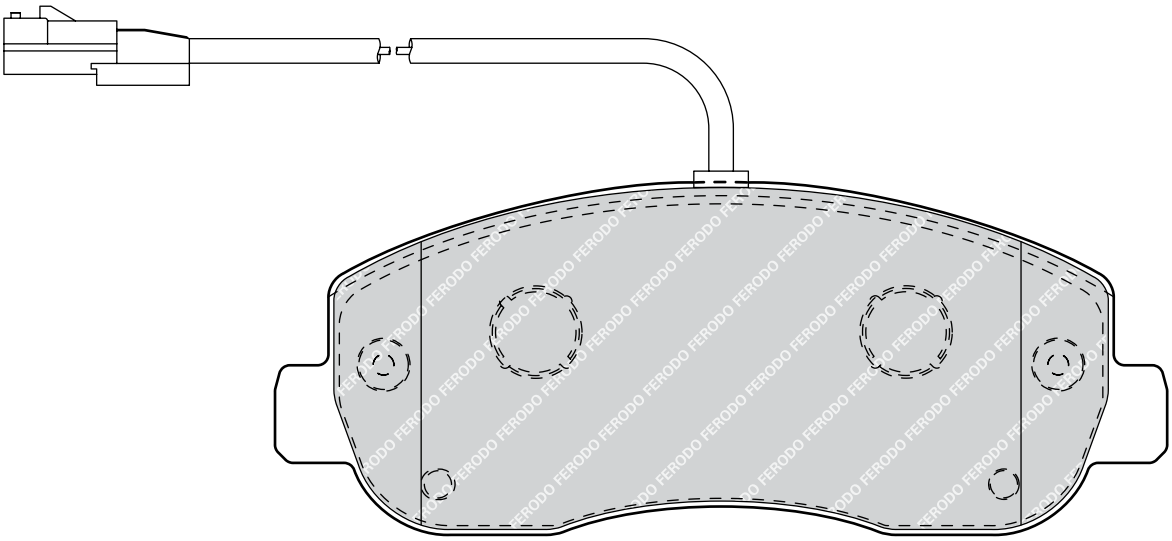


FVR4347 25147/25165

163.7 64.8 18.3 BRE fitted (1)

RENAULT Master III

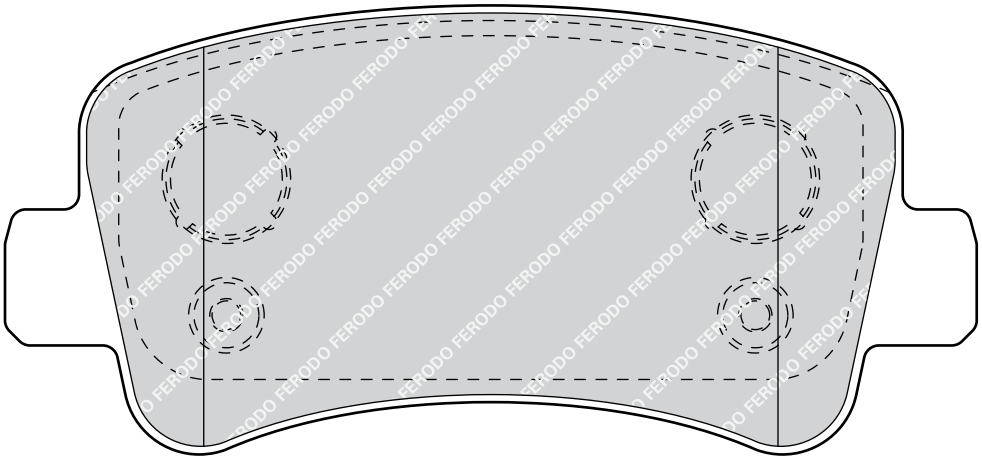


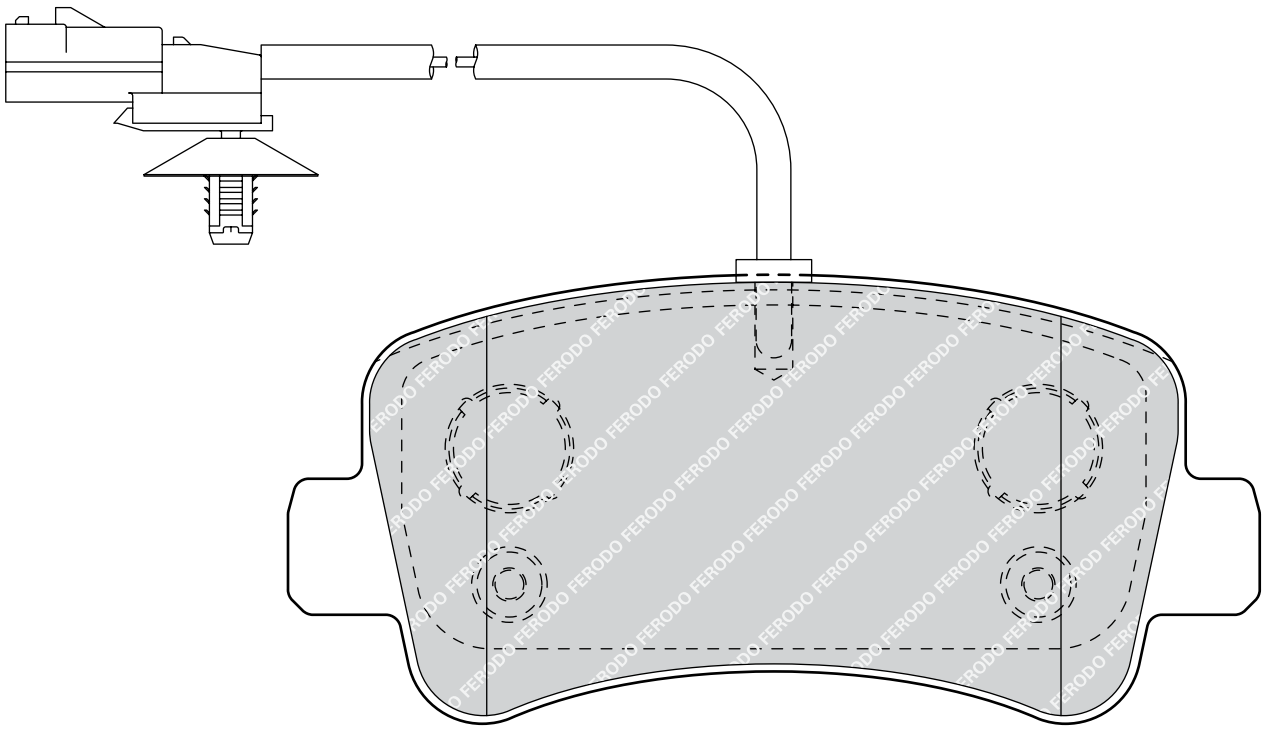


FVR4348 -

128.7 59.5 18.2 BRE fitted (1)

RENAULT Master III



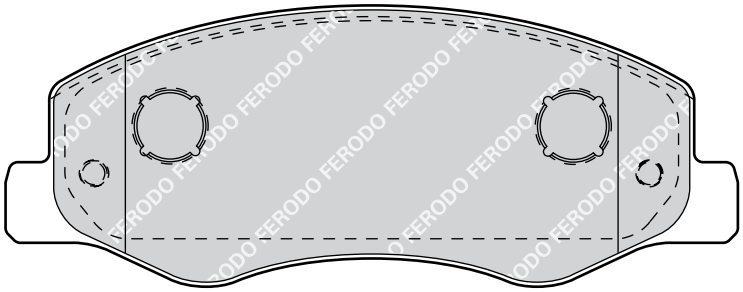


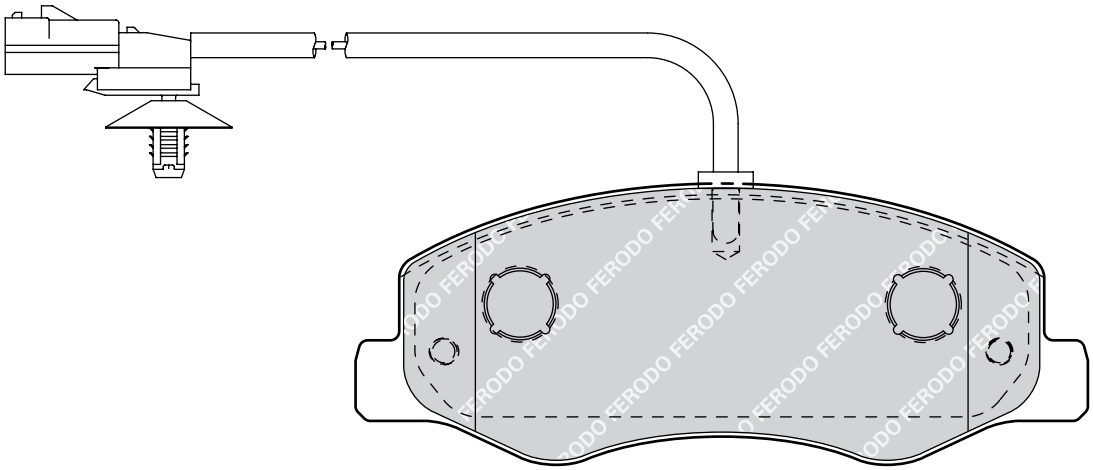
FERODO

FVR4349 25172/25173

163.6 | 62.9 | 18.1 | BRE | fitted (1)

RENAULT Master III

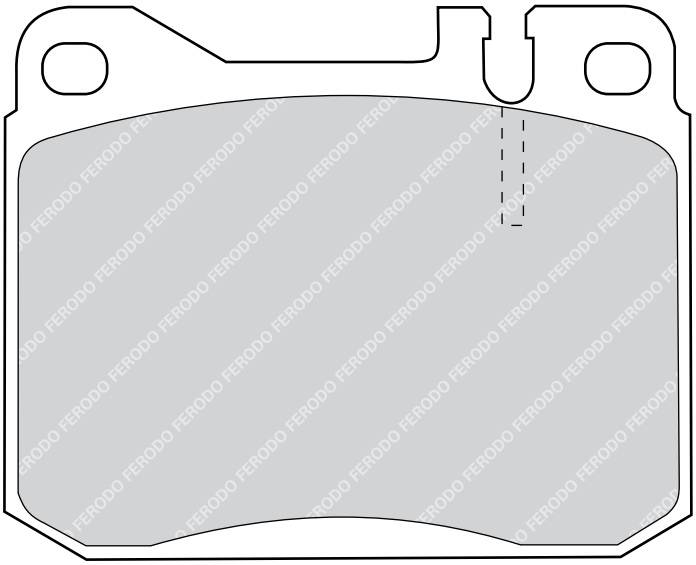




29 581 19,00 40 4

90 | 74 | 19 | ATE

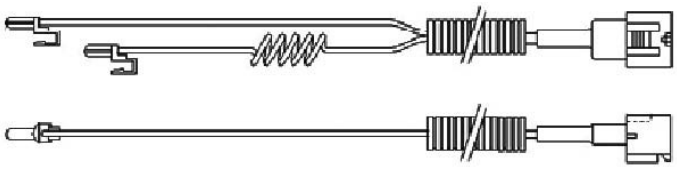
MERCEDES-BENZ Unimog



FAI100

885mm | 2

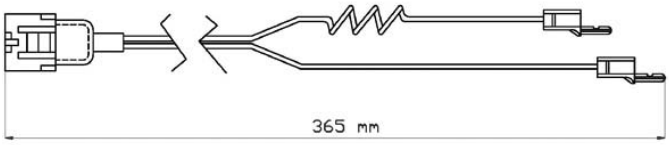
RENAULT TRUCKS Midliner/S Series



FAI101

365mm | 2

IRISBUS Agora
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



FAI102

95mm | 4

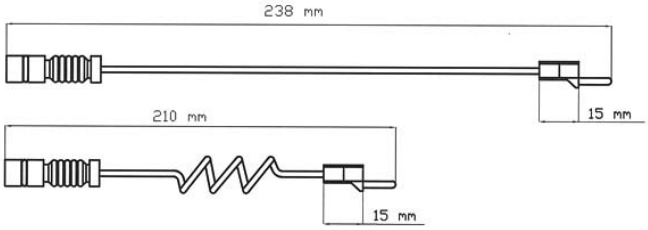
MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/L, T 2/LN1



FAI103

238mm | 2+2

ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ MB100, Medio (Midibus), O 409 (5 to 7,5):, O 609/O 611/O 614:, T 2/LN1, Vario, Vario Minibus
OPTARE Starider



FAI104

235mm | 2

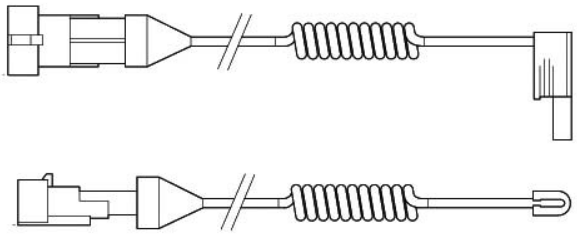
NISSAN Ebro
VOLVO B 6-Series:, FL 4 Series:, FL 6-Series:, FLC, FS 7



FAI105

250mm | 2

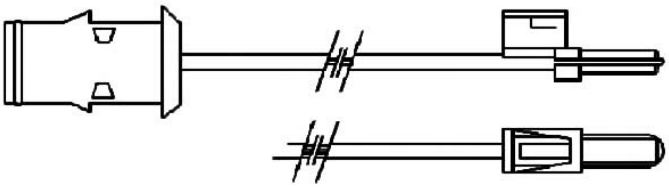
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT



FAI106

495mm | 2

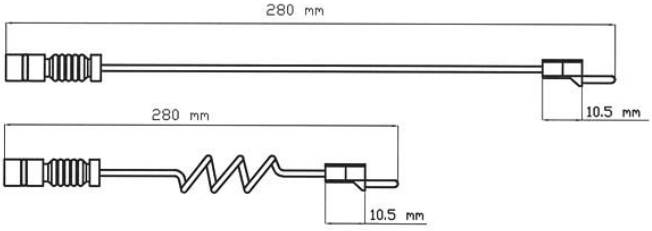
IVECO EuroCargo, EuroCargo Tector, Z-Series:



FAI107

280mm | 2+2

ERNST AUWÄRTER Eurostar
IRISBUS Heuliez GX317
MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)



FAI108

335mm 2

ERNST AUWÄRTER Clubstar
SETRA All, Comfortclass 300, Multiclass 300, TopClass 300



FAI109

420mm 2

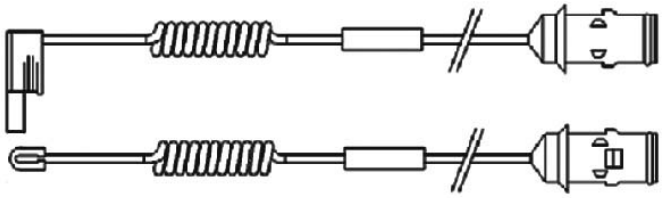
DENNIS Javelin Coach
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



FAI110

400mm 2

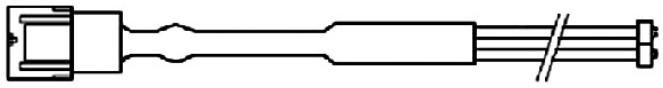
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT



FAI111

580mm 2

DENNIS Javelin Coach
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



FAI113

495mm 2

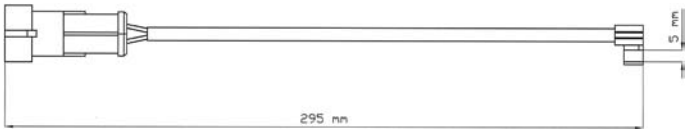
IVECO EuroCargo, EuroCargo Tector, Z-Series:



FAI115

295mm 2

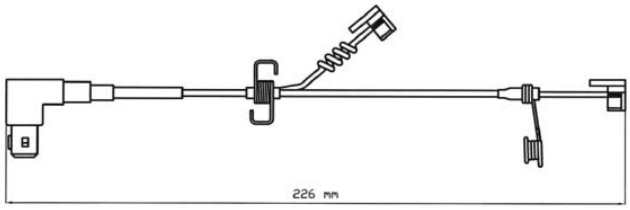
IVECO Daily I 78→99, Daily II 99→ 06



FAI116

226mm 2

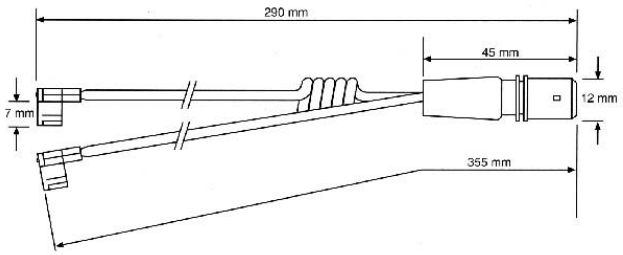
CAETANO PSV Enigma 12m, Porto 12m
DENNIS Arrow, Eagle, Elite, Fire Engines, Javelin Coach
IRISBUS Agora, Citelis, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417
RENAULT TRUCKS Magnum/AE Series, Premium Distribution, Premium Route
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)



FAI117

400mm 2

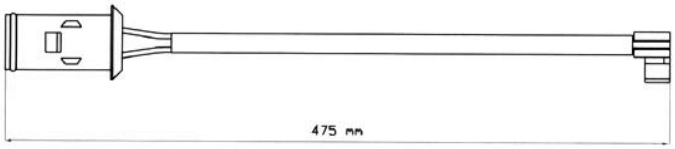
IRISBUS Agora, Iliade
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route



FAI119

475mm 2

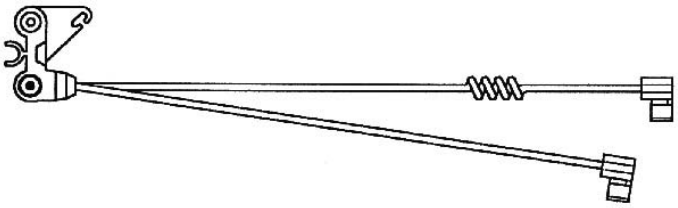
IVECO EuroCargo, EuroCargo Tector



FAI125

285mm 2

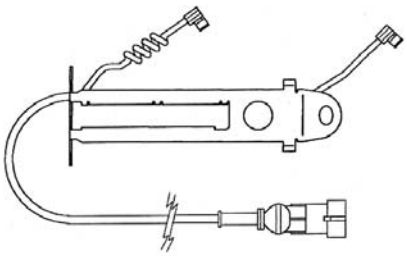
IRISBUS Iveco 391 E- 393E - 397E
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT, EuroTrakker/EuroTrakker Cursor



FAI126

365mm 2

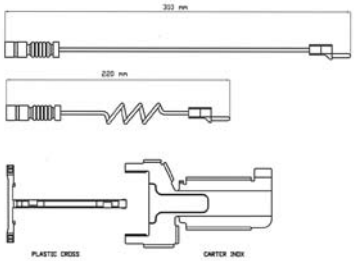
IVECO EuroCargo, EuroCargo Tector
PERROT BREMSEN (WABCO) All



FAI130

310mm 2+2

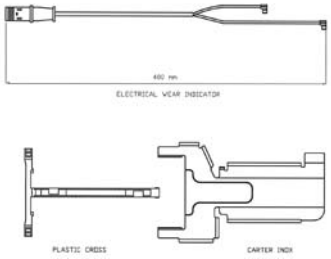
NEOPLAN Centroliner:, Cityliner:, Euroliner:, Low Floor Buses, Skyliner, Spaceliner:, Starliner, Transliner



FAI132

400mm 2

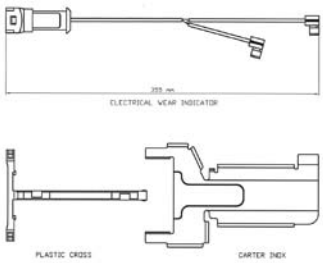
MAN Chassis, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series



FAI134

355mm 2

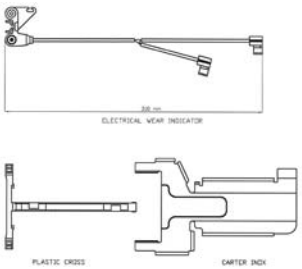
MERCEDES-BENZ Tourismo (O 350)
SETRA Comfortclass 400, Intercity Bus, Intercity Low Floor Bus, Multiclass 300, TopClass 300, TopClass 400



FAI141

310mm 2

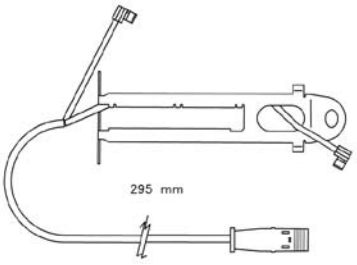
SCANIA 4-Series, All, G, P, R, T-Series:, K124, L94 Series



FAI150

295mm 2

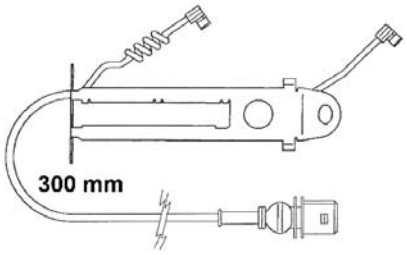
MAN L2000 Series:, L2000-Series (LE Evolution), M2000-L Series
PERROT BREMSEN (WABCO) All



FAI151

300mm 2

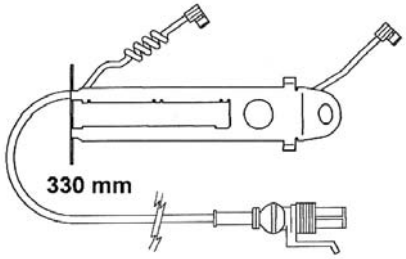
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series



FAI152

330mm 2

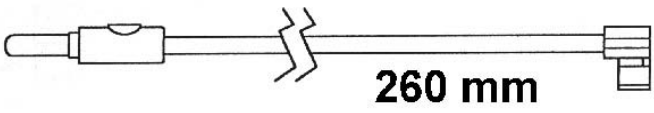
DAFLF 45
PERROT BREMSEN (WABCO) All



FAI155

260mm 2

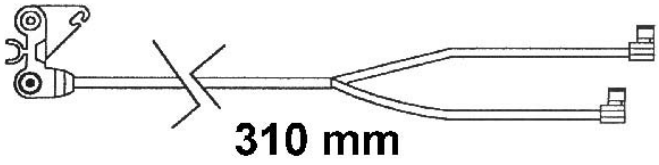
RENAULT Mascott



FAI160

310mm 2

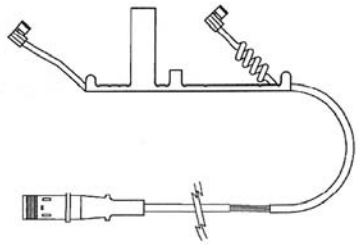
IVECO EuroCargo, EuroCargo Tector, EuroStar, EuroTech MH, EuroTrakker/EuroTrakker Cursor, Stralis



FAI161

385mm 2

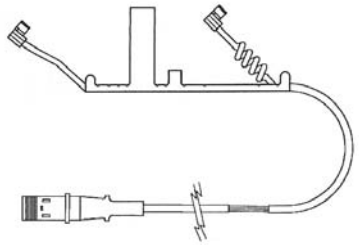
CAETANO PSV Enigma 12m, Porto 12m
MAN F90-Series, F2000-Series, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution)



FAI162

400mm 2

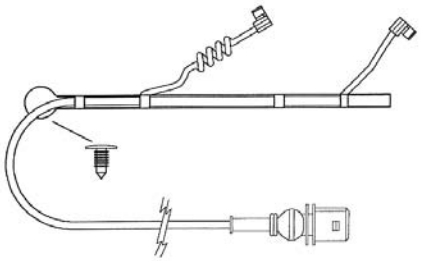
MAN Chassis, EM-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, TG-A Series:, UL



FAI163

355mm 2

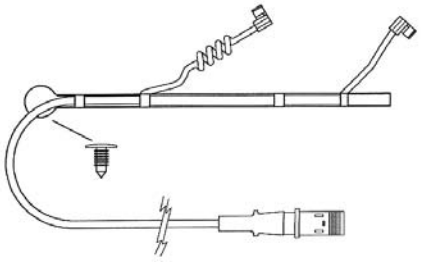
IRISBUS Agora, Ares, Arway, Axer, Crealis, Iliade
RENAULT TRUCKS Magnum E.Tech, Magnum/AE Series, Premium Distribution, Premium Route



FAI164

290mm 2

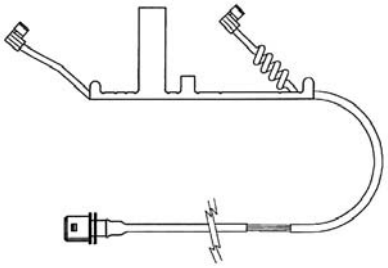
MAN EM-Series, F2000-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:, UL



FAI165

400mm 2

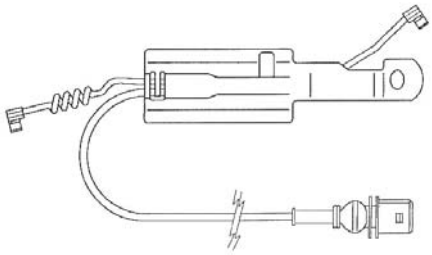
IRISBUS Citelis, Citybus



FAI166

450mm 2

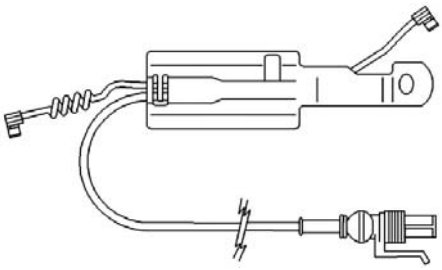
CRANE FRUEHAUF All
DAF LF 55
GIGANT GROUP SMB
PERROT BREMSEN (WABCO) All
RENAULT TRUCKS Midlum Series
SAF All



FAI168

380mm 2

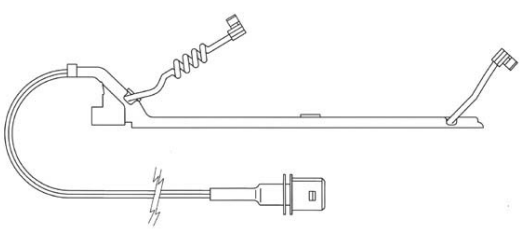
DAF LF 55, SB230
DENNIS Enviro
GIGANT GROUP S.A.E. (Dupillier)
SOR SOR 12



FAI169

355mm 2

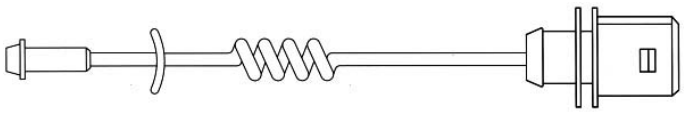
RENAULT TRUCKS Magnum DXi Series, New Magnum DXi Series, New Midlum Series, Premium 2 (Distribution/Route)
VOLVO FH-Series:



FAI170

200mm 2

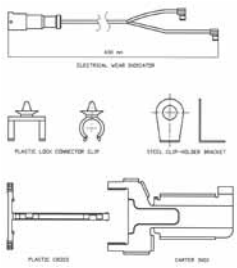
IRISBUS Iveco 491/591



FAI171

430mm 2

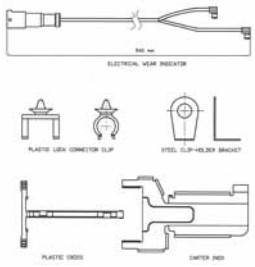
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345), SKH Series SB/SN6 (SB3745)
CRANE FRUEHAUF All
DISCOS Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB
SAF All



FAI172

940mm 2

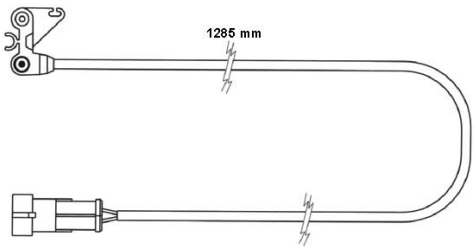
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), Eco Plus SB/SN7 (SB4345), SH Series SB/SN7 (SB4345), SKH Series SB/SN6 (SB3745)
CRANE FRUEHAUF All
DISCOS Trailer
GIGANT GROUP S.A.E. (Dupillier), SMB
SAF All



FAI173

1285mm 2

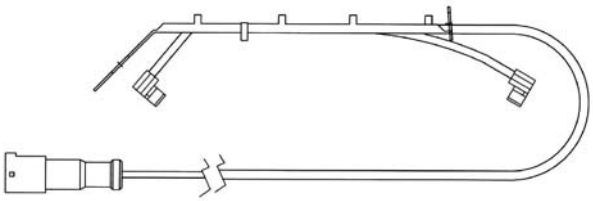
IVECO EuroCargo, EuroCargo Tector, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT, EuroTrakker/EuroTrakker Cursor, Stralis



FAI174

770mm 2

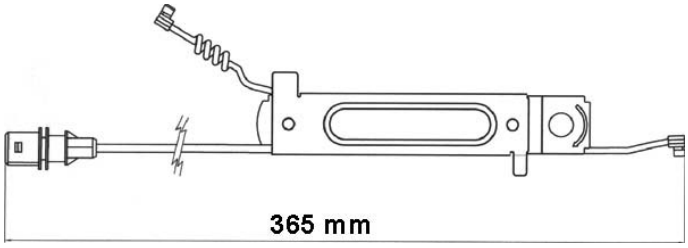
SAF All



FAI175

365mm 2

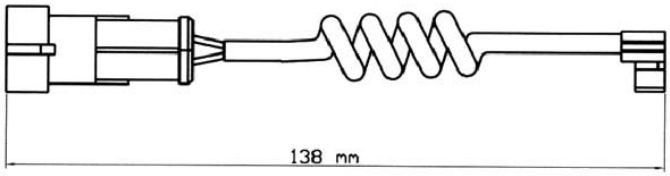
GIGANT GROUP SMB
RENAULT TRUCKS New Midlum Series Dxi
VOLVO FL Series



FAI176

150mm 2

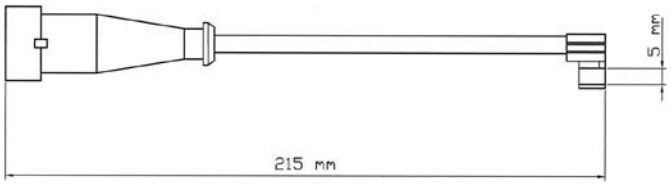
IVECO EuroCargo, EuroCargo Tector



FAI177

220mm 2

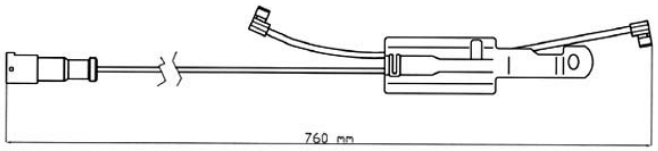
IVECO EuroCargo



FAI178

760mm 2

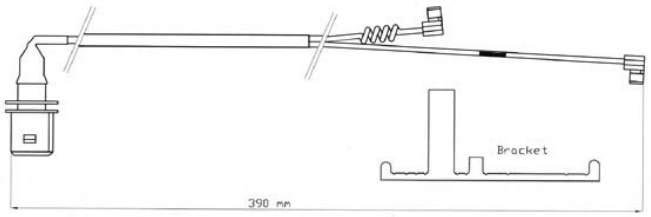
PERROT BREMSEN (WABCO) All
SAF All



FAI179

390mm 2

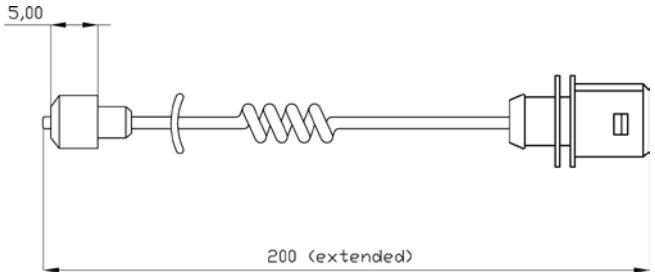
IRISBUS Citelis



FAI180

200mm 2

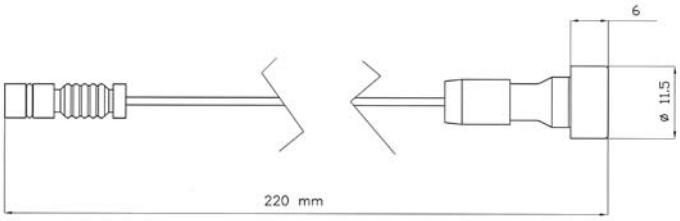
MERITOR 225 DX Special Vehicles



FAI200

225mm 4

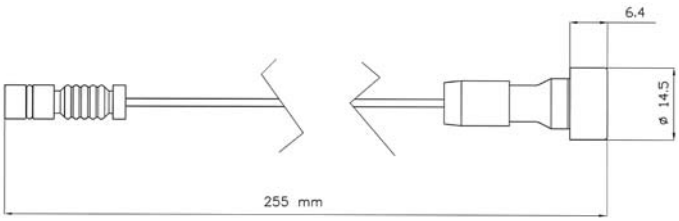
MERCEDES-BENZ Mini Bus, T 1-Series:, T 2-Series:
PERROT BREMSEN (WABCO) All



FAI201

260mm 4

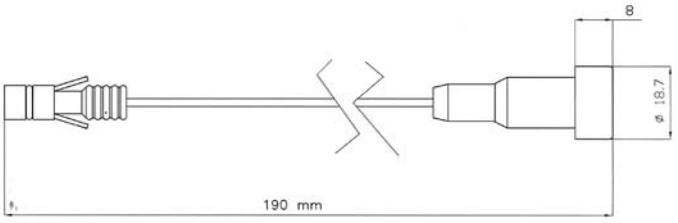
MERCEDES-BENZ O 409 (5 to):, O 409 (6 to):, O 409 (7,5 to):, O 606/O 611/O 614:, T 2-Series:
OPTARE Starider



FAI202

195mm 4

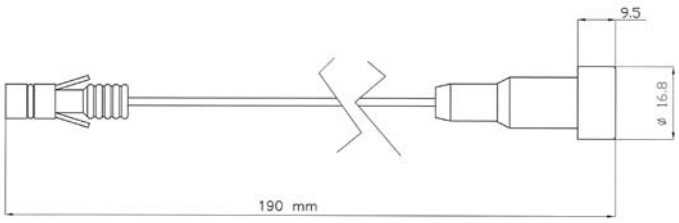
BOVA Futura (Mercedes-Chass.)
IRISBUS Heuliex GX44 (Mercedes ch.)
MAN 14 to-Series:, 15 to-Series:, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (33 to):, F2000-Series (23 to):, F2000-Series (26 to):, FR / FRH-Series:, M90-Series (24 to):, Lion's City G, GL, GXL, Lion's City LL, Lion's Comfort, Lion's Star, Lion's Star / Lion's Coach, SD / SL-Series:, SG Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series:
MERCEDES-BENZ Actros (2-Axle):, Actros (3-Axle):, Actros (4-Axle):, Atego I, Atego II, Concerto O 345:, LK/LN2-Series (6,5 to), LK/LN2-Series (7,5 to), LK/LN2-Series (8 & 8,6 to), LK/LN2-Series (9 to), LK/LN2-Series (11 to), LK/LN2-Series (12 to), LK/LN2-Series (13 to), LK/LN2-Series (15/16 to), MK-Series (14 to):, MK/SK-Series (17 to):, MK/SK-Series (18 to):, MK/SK-Series (19 to):, MK/SK-Series (20 to):, MK/SK-Series (22 to):, MK/SK-Series (24 to):, MK/SK-Series (24 to) 6x2:, MK/SK-Series (24 to) 6x4:, MK/SK-Series (25 to):, MK/SK-Series (25 to) 6x4:, MK/SK-Series (26 to) 6x4:, MK/SK-Series (26 to) 6x6:, MK/SK-Series (32 to):, MK/SK-Series (32-35 to):, MK/SK-Series (32-38 to):, NG-Series (12 to):, NG-Series (14 to):, NG-Series (16 to):, NG-Series (19 to):, NG-Series (20 to):, NG-Series (22 to):, NG-Series (24 to):, NG-Series (26 to):, NG-Series (30/32 to):, NG-Series (32 to):, NG-Series (32-48 to):, NG-Series (35 to):, NG-Series (38 to):, O 1114/O 1117/O 1120:, O 301:, O 303:, O 305/O 307:, O 340, O 402:, O 405/O 407:, O 408:, O 814 (7,5 to):, O 814 (8/8,6 to):, O 817:
NEOPLAN Cityliner:, Jetliner:, Skyliner:
OPTARE Prisma
SANOS All
VAN HOOL All, G-Series:



FAI203

195mm 4

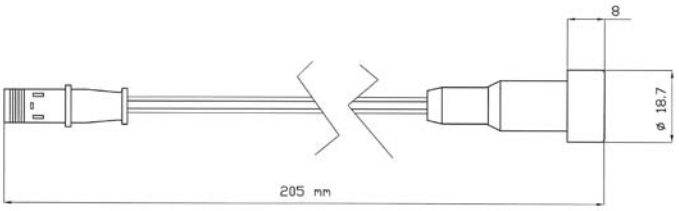
BOVA Futura (Mercedes-Chass.)
MAN 14 to-Series:, 15 to-Series:, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (33 to):, F2000-Series (23 to):, F2000-Series (26 to):, FR / FRH-Series:, M90-Series (24 to):, Lion's City G, GL, GXL, Lion's City LL, Lion's Comfort, Lion's Star, Lion's Star / Lion's Coach, SD / SL-Series:, SG Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series:
MERCEDES-BENZ Actros (2-Axle):, Actros (3-Axle):, Actros (4-Axle):, Atego I, Atego II, Concerto O 345:, LK/LN2-Series (6,5 to), LK/LN2-Series (7,5 to), LK/LN2-Series (8 & 8,6 to), LK/LN2-Series (9 to), LK/LN2-Series (11 to), LK/LN2-Series (12 to), LK/LN2-Series (13 to), LK/LN2-Series (15/16 to), MK-Series (14 to):, MK/SK-Series (17 to):, MK/SK-Series (18 to):, MK/SK-Series (19 to):, MK/SK-Series (20 to):, MK/SK-Series (22 to):, MK/SK-Series (24 to):, MK/SK-Series (24 to) 6x2:, MK/SK-Series (24 to) 6x4:, MK/SK-Series (25 to):, MK/SK-Series (25 to) 6x4:, MK/SK-Series (26 to) 6x4:, MK/SK-Series (26 to) 6x6:, MK/SK-Series (32 to):, MK/SK-Series (32-35 to):, MK/SK-Series (32-38 to):, NG-Series (12 to):, NG-Series (14 to):, NG-Series (16 to):, NG-Series (19 to):, NG-Series (20 to):, NG-Series (22 to):, NG-Series (24 to):, NG-Series (26 to):, NG-Series (30/32 to):, NG-Series (32 to):, NG-Series (32-48 to):, NG-Series (35 to):, NG-Series (38 to):, O 1114/O 1117/O 1120:, O 301:, O 303:, O 305/O 307:, O 340, O 402:, O 405/O 407:, O 408:, O 814 (7,5 to):, O 814 (8/8,6 to):, O 817:
NEOPLAN Cityliner:, Jetliner:, Skyliner:
VAN HOOL All, G-Series:



FAI205

210mm 2

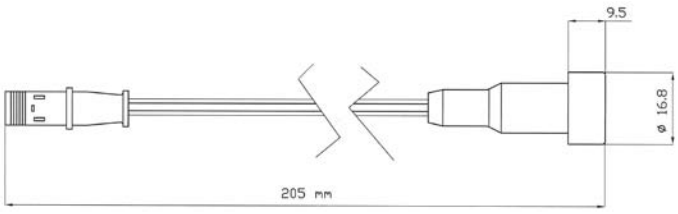
MAN 14 to-Series:, 15 to-Series:, 16 to-Series:, 17 to-Series:, 19 to-Series:, 20/22 to-Series:, 24 to-Series:, 26 to-Series:, 30 to-Series:, 32/33 to-Series:, 38 to-Series:, 40 to-Series:, 41 to-Series:, EM-Series:, F90-Series (19 to):, F90-Series (19 to): 4x4, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (27 to):, F90-Series (30 to):, F90-Series (32 to):, F90-Series (33 to):, F90-Series (35 to):, F90-Series (40 to):, F90-Series (41 to):, F90-Series (48 to):, F2000-Series (19 to):, F2000-Series (23 to):, F2000-Series (24 to):, F2000-Series (26 to):, F2000-Series (27 to):, F2000-Series (32 to):, F2000-Series (33 to):, F2000-Series (35 to):, F2000-Series (40 to):, F2000-Series (41 to):, F2000-Series (48 to):, FR / FRH-Series:, M90-Series (17 to):, M90-Series (18 to):, M90-Series (24 to):, Lion's City LE, LE Ü, Lion's City M, M2000-Series:, SD / SL-Series:, SG Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series:, Underfloor-Series (U 90):
MCW Metrobus
OPTARE Excel
RENAULT TRUCKS Saviem



FAI206

210mm 2

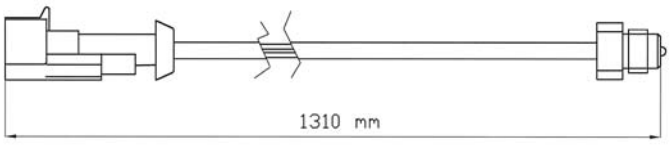
MAN 14 to-Series:, 15 to-Series:, 16 to-Series:, 17 to-Series:, 19 to-Series:, 20/22 to-Series:, 24 to-Series:, 26 to-Series:, 30 to-Series:, 32/33 to-Series:, 38 to-Series:, 40 to-Series:, 41 to-Series:, EM-Series:, F90-Series (19 to):, F90-Series (19 to): 4x4, F90-Series (23 to):, F90-Series (24 to):, F90-Series (25 to):, F90-Series (26 to):, F90-Series (27 to):, F90-Series (30 to):, F90-Series (32 to):, F90-Series (33 to):, F90-Series (35 to):, F90-Series (40 to):, F90-Series (41 to):, F90-Series (48 to):, F2000-Series (19 to):, F2000-Series (23 to):, F2000-Series (24 to):, F2000-Series (26 to):, F2000-Series (27 to):, F2000-Series (32 to):, F2000-Series (33 to):, F2000-Series (35 to):, F2000-Series (40 to):, F2000-Series (41 to):, F2000-Series (48 to):, FR / FRH-Series:, M90-Series (17 to):, M90-Series (18 to):, M90-Series (24 to):, Lion's City LE, LE Ü, Lion's City M, M2000-Series:, SD / SL-Series:, SG Series:, SR-Series:, SÜ-Series:, TG-A Series:, Underfloor-Series:, Underfloor-Series (U 90):
MCW Metrobus
RENAULT TRUCKS Saviem



FAI207

1310mm 2

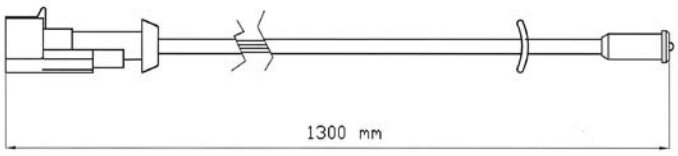
IVECO EuroTrakker/EuroTrakker Cursor



FAI208

1300mm 2

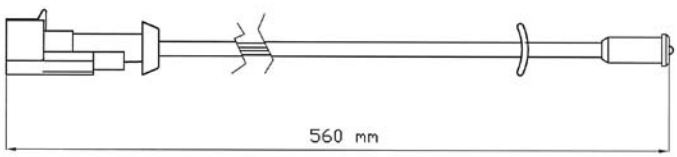
IVECO EuroStar, EuroTech



FAI209

560mm 2

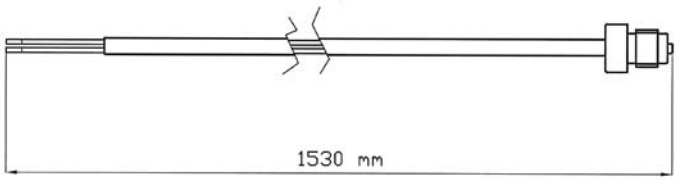
IVECO EuroCargo, EuroCargo Tector



FAI210

1530mm 2

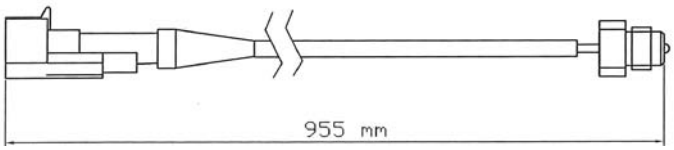
IRISBUS Iveco 491/591



FAI211

955mm 2

IVECO EuroCargo



FWI246

210mm 2

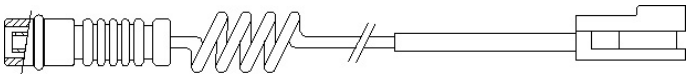
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), V-Class (638/2), Vito (638)
VOLKSWAGEN LT II (2DX0FE)



FWI278

189mm 2

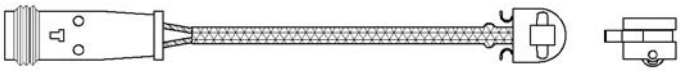
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (4,6 ton)
VOLKSWAGEN LT II (2DX0FE)



FWI293

84mm 2

MERCEDES-BENZ Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



FWI294

109mm 2

MERCEDES-BENZ Sprinter 3-T (906), Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T, Crafter 5 T



FWI302

155mm 2

MERCEDES-BENZ V-Class (638/2), Vito (638)



FWI303

130mm 2

IVECO Daily III 06→



FWI304

295mm 2

IVECO Daily II 99→06



FWI305

300mm 2

IVECO Daily III 06→



FWI306

210mm 2

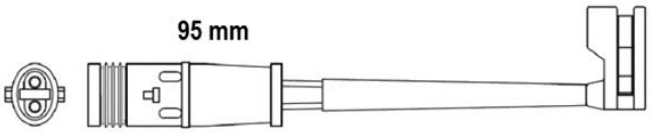
IVECO Daily III 06→



FWI311

95mm 2

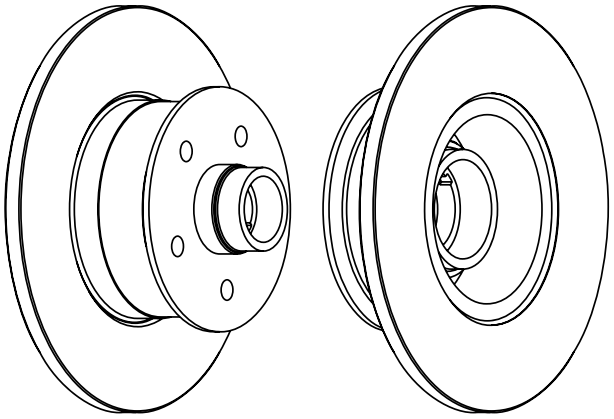
MERCEDES-BENZ Sprinter 3-T (906)
VOLKSWAGEN Crafter 3 T



DDF057

∅	A	B	C	D		Kg		ABS
278	13	11	118.6	45.2	5	18.09		

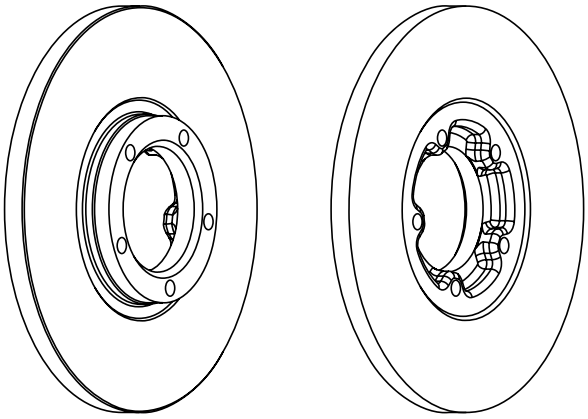
VOLKSWAGEN Transpoter T3



DDF138

∅	A	B	C	D		Kg		ABS
254	14.3	12.9	31.5	78.5	5	10.11		

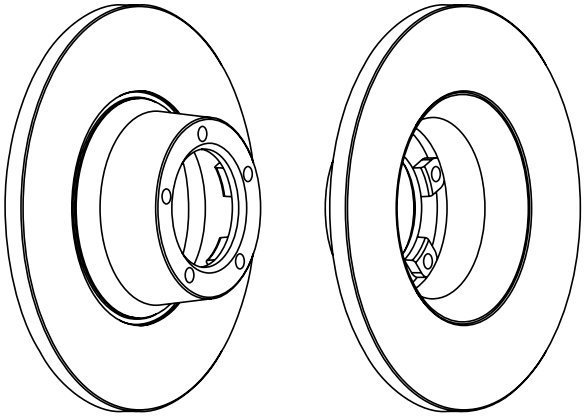
FORD Transit III, Transit IV



DDF084

∅	A	B	C	D		Kg		ABS
270	14.3	12.9	71.2	78.5	5	11.31		

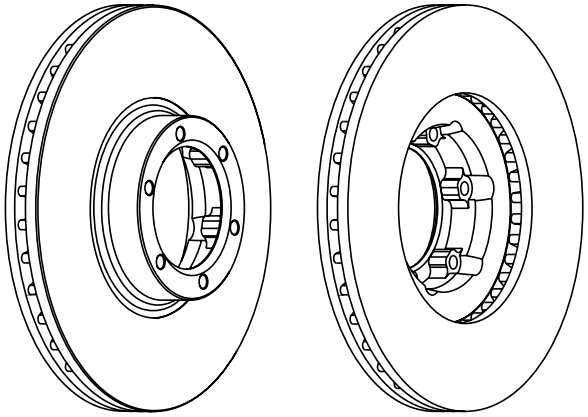
FORD Transit III



DDF160

∅	A	B	C	D		Kg		ABS
252	24	22	53.5	76	6	11.83		

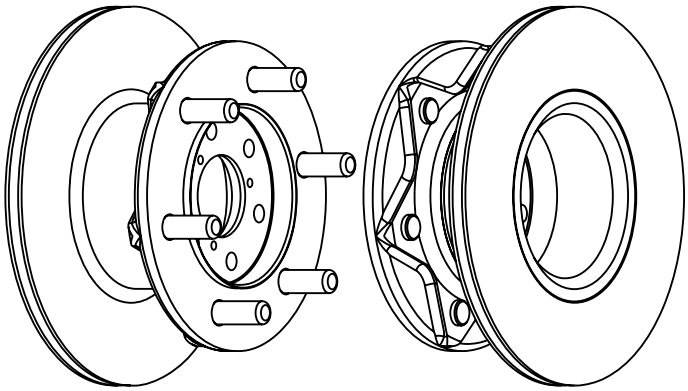
RENAULT Trafic I



DDF089

∅	A	B	C	D		Kg		ABS
267	14.2	12.8	111	58.3	6	21.90		

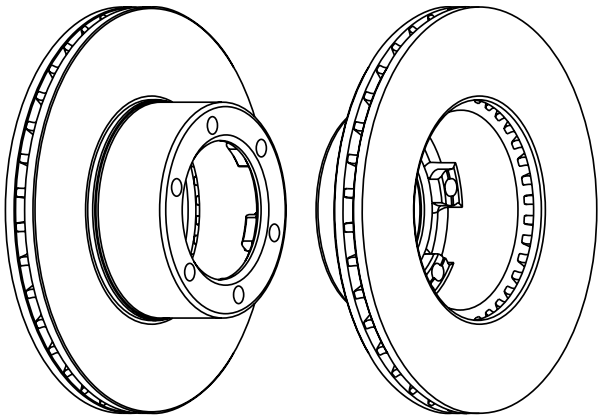
IVECO Daily I 78→99

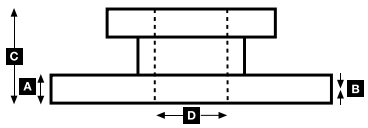


DDF172

∅	A	B	C	D		Kg		ABS
278	24	22	70	95	6	14.95		

RENAULT Master I

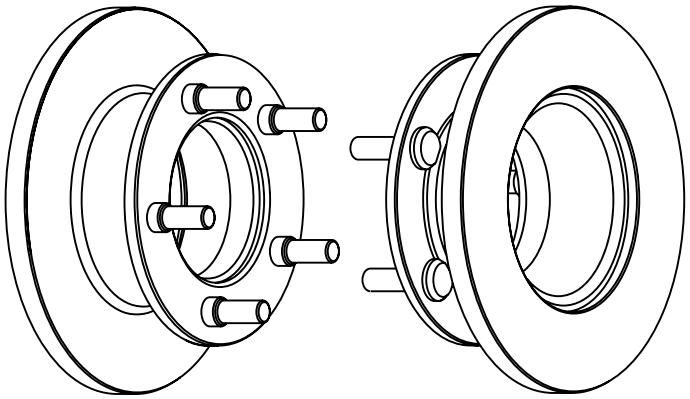




DDF225

∅	A	B	C	D		Kg		ABS
239	16	14.5	79	102	5	12.62		

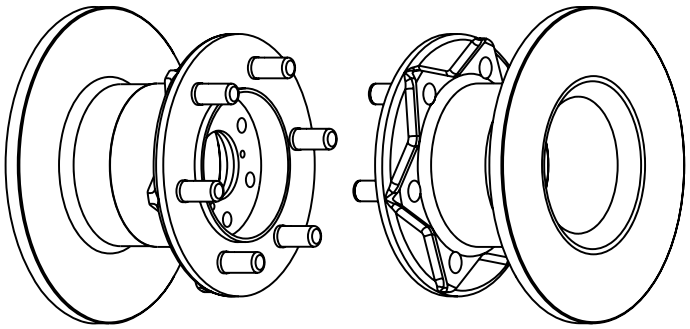
MERCEDES-BENZ MB100



DDF254

∅	A	B	C	D		Kg		ABS
267	14.2	12.8	154	58	6			

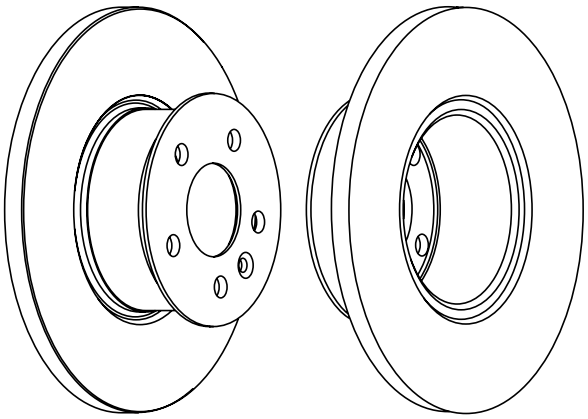
IVECO Daily I 78→99



DDF424

∅	A	B	C	D		Kg		ABS
258	16	13	57.5	67	5	11.08		

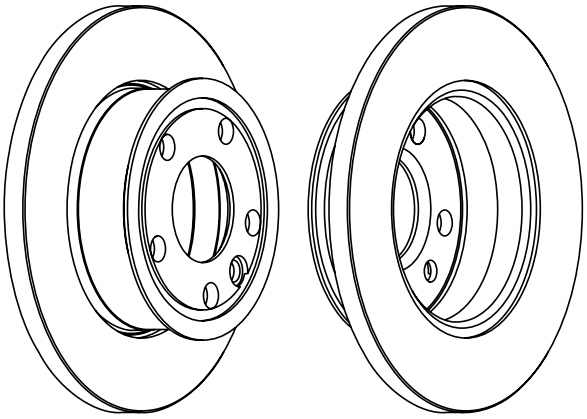
VOLKSWAGEN Transpoter T3



DDF426

∅	A	B	C	D		Kg		ABS
260	16	13	64.2	68.1	5	11.24		

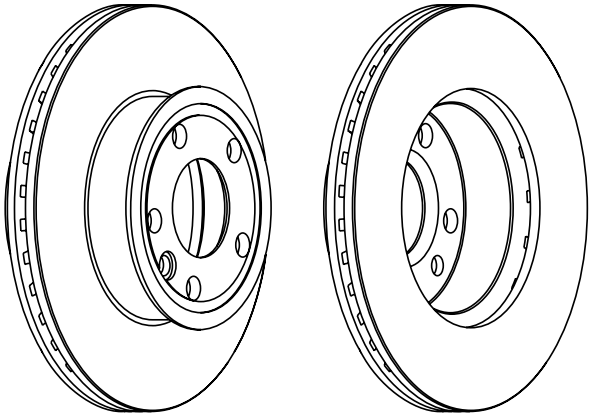
VOLKSWAGEN Transporter T4



DDF427

∅	A	B	C	D		Kg		ABS
280	24	20	64.7	68.1	5	13.75		

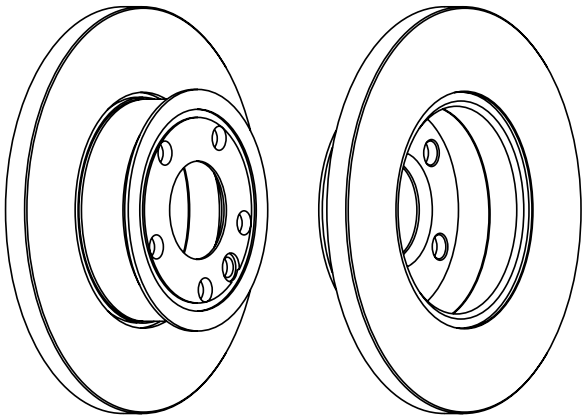
VOLKSWAGEN Transporter T4

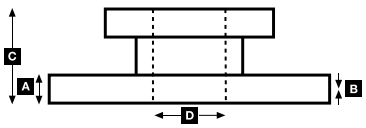


DDF562

∅	A	B	C	D		Kg		ABS
282	18	15	64.7	68.1	5	14.85		

VOLKSWAGEN Transporter T4



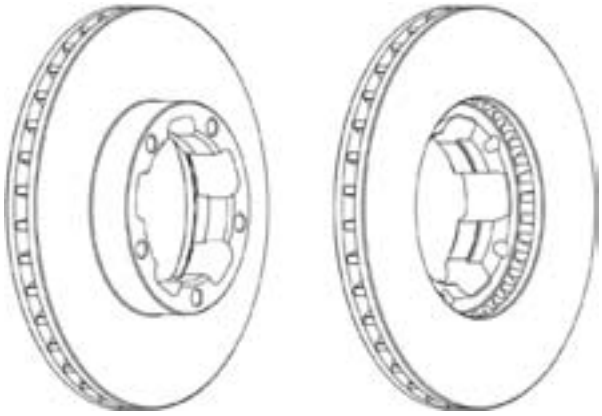


FERODO

DDF668

∅	A	B	C	D		Kg		ABS
263	24.0	22.0	53	96	58	12.83		

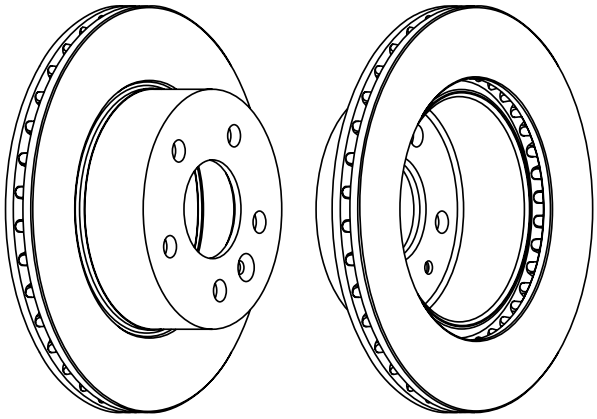
NISSAN Trade



DDF860

∅	A	B	C	D		Kg		ABS
276	22.0	19.0	60	67	5			

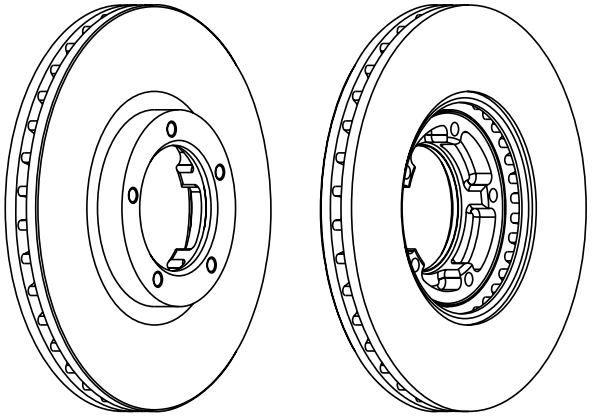
MERCEDES-BENZ V-Class (638/2), Vito (638):



DDF848

∅	A	B	C	D		Kg		ABS
254	24	22.2	43	78.5	5	11.70		

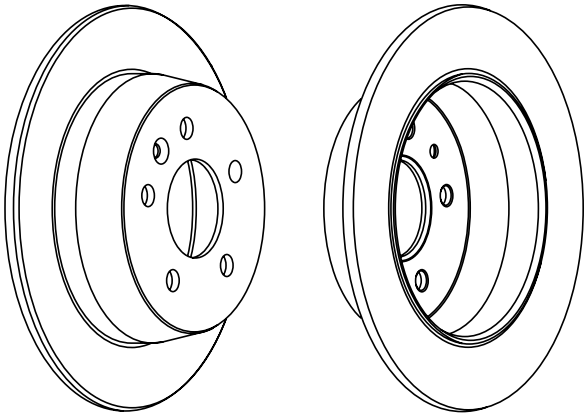
FORD Transit IV, Transit V



DDF861

∅	A	B	C	D		Kg		ABS
280	10.0	8.0	63	67	5			

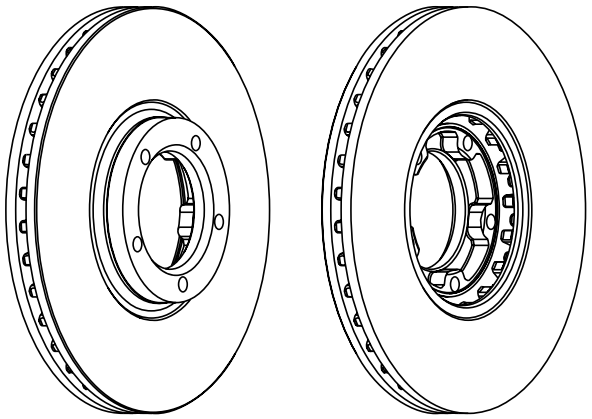
MERCEDES-BENZ V-Class (638/2), Vito (638):



DDF849

∅	A	B	C	D		Kg		ABS
270	24	22.2	43	78.5	5	13.28		

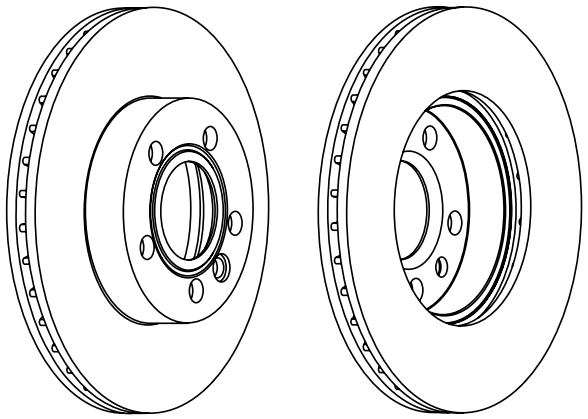
FORD Transit V

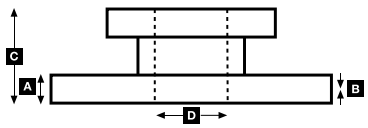


DDF1010

∅	A	B	C	D		Kg		ABS
280	24	20	55.2	68.2	5	13.29		

VOLKSWAGEN Transporter T4

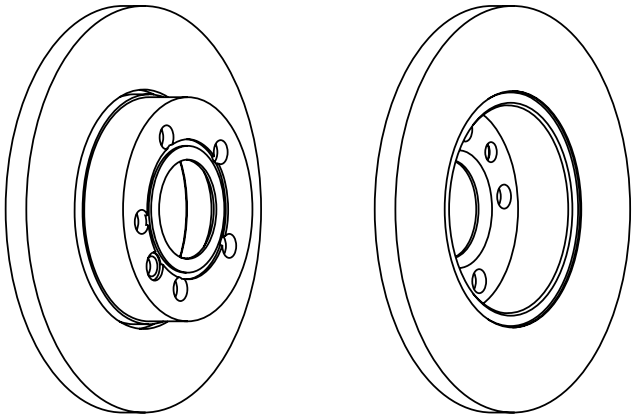




DDF1011

∅	A	B	C	D		Kg		ABS
282	18	15	55.2	68.2	5	10.13		

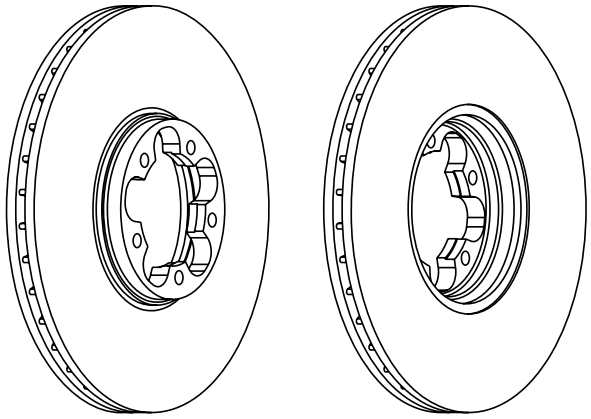
VOLKSWAGEN Transporter T4



DDF1112

∅	A	B	C	D		Kg		ABS
294	24.5	22.1	43	82	5	14.74		

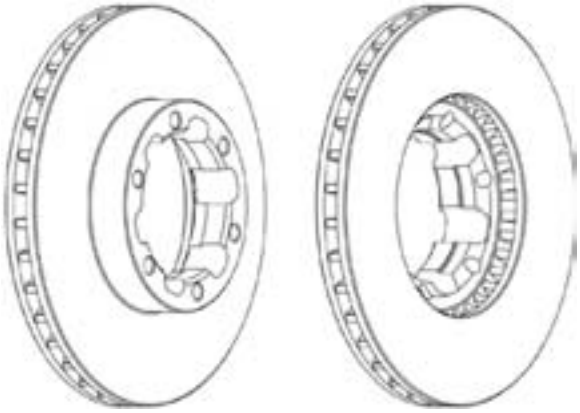
FORD Transit VI



DDF1016

∅	A	B	C	D		Kg		ABS
263	24.0	22.4	53	96	6	13.03		

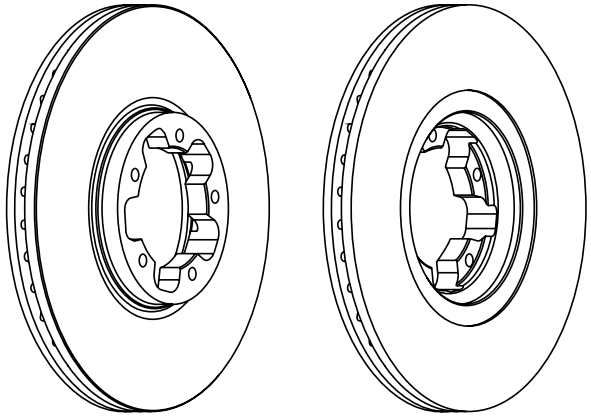
NISSAN Trade



DDF1113

∅	A	B	C	D		Kg		ABS
276	24.5	22.1	43	82	5	12.44		

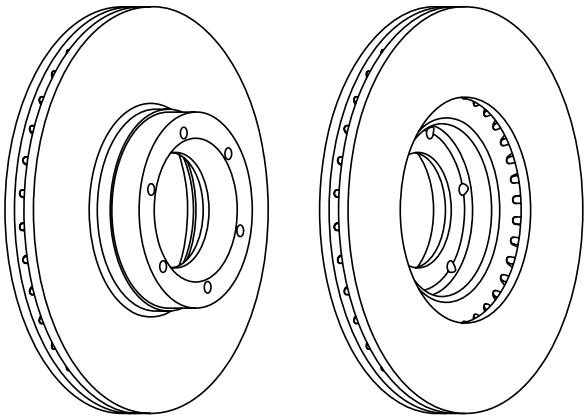
FORD Transit VI



DDF1067

∅	A	B	C	D		Kg		ABS
280	24	21	61.5	79.5	6	14.90		

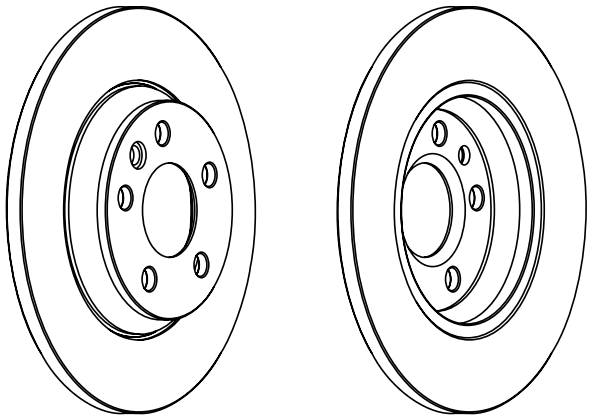
RENAULT Master I, Master II

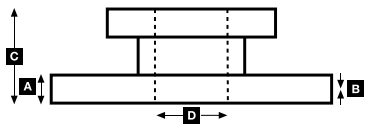


DDF1158

∅	A	B	C	D		Kg		ABS
294	13.5	11.5	41	68	5	11.48		

VOLKSWAGEN Transporter T4



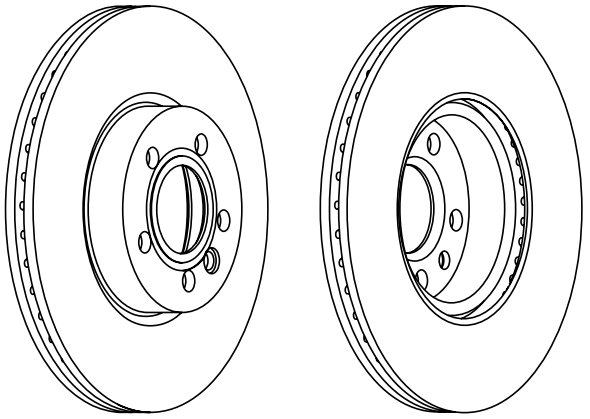


FERODO

DDF1160

∅	A	B	C	D		Kg		ABS
313	26	22	56.2	68.2	5	18.78		

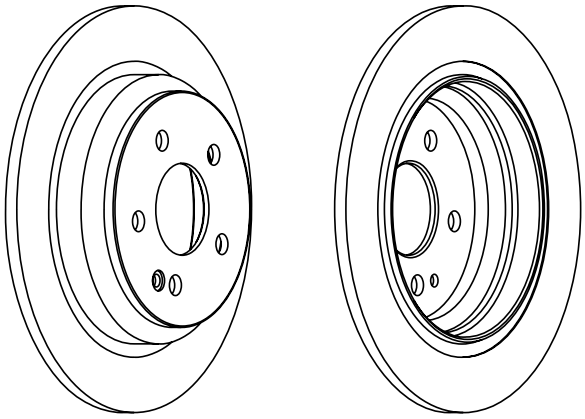
VOLKSWAGEN Transporter T4



DDF1234

∅	A	B	C	D		Kg		ABS
296	10	8	53	67	5	9.86		

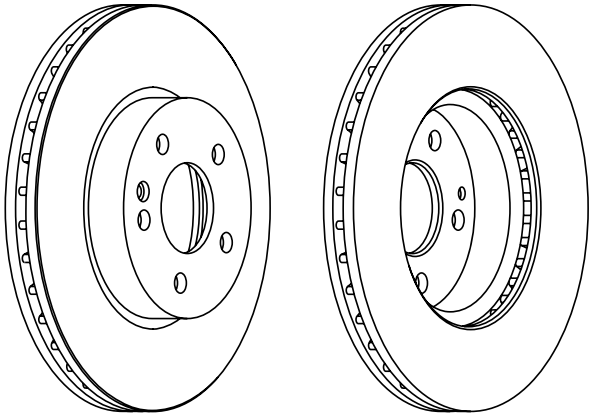
MERCEDES-BENZ Vito (639)



DDF1203

∅	A	B	C	D		Kg		ABS
300	28	25	58.5	67	5	17.06		

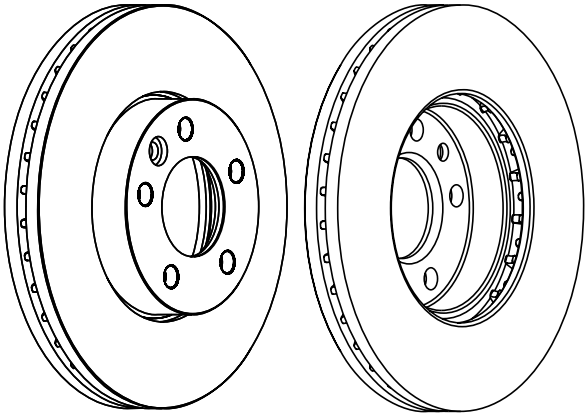
MERCEDES-BENZ Vito (639)



DDF1253

∅	A	B	C	D		Kg		ABS
308	29.3	25.5	55.5	76	5	20.86		

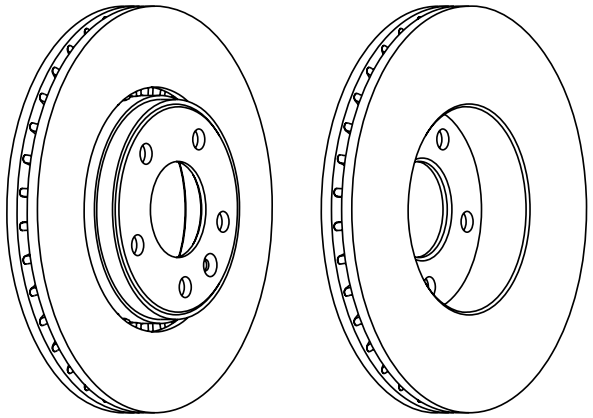
VOLKSWAGEN Transporter T5



DDF1204

∅	A	B	C	D		Kg		ABS
305	28	24	49.4	72	5	19.52		

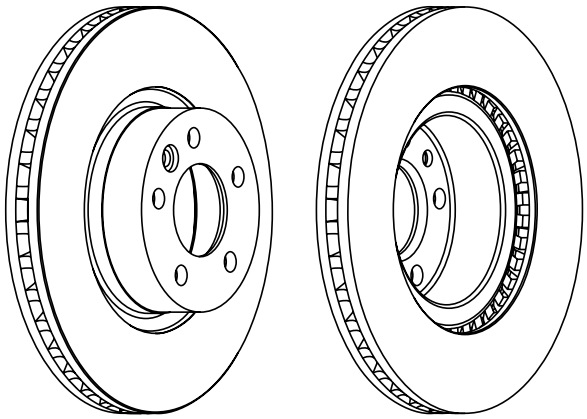
NISSAN Interstar, Primastar
RENAULT Trafic II

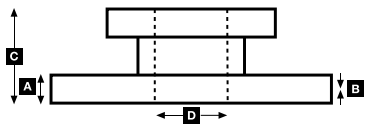


DDF1254

∅	A	B	C	D		Kg		ABS
333	32.5	28.5	55.5	76	5	24.04		

VOLKSWAGEN Transporter T5

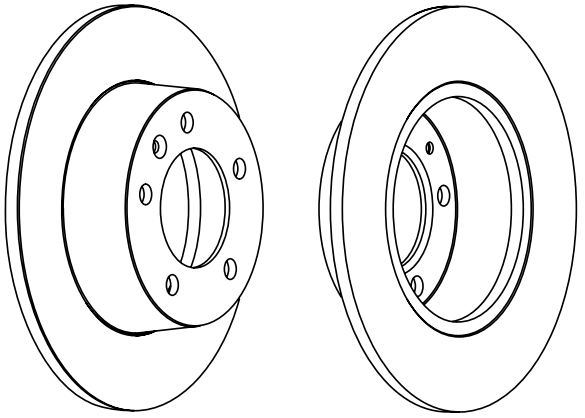




DDF1272

∅	A	B	C	D		Kg		ABS
305	12	10.5	66.7	90	5	13.71		

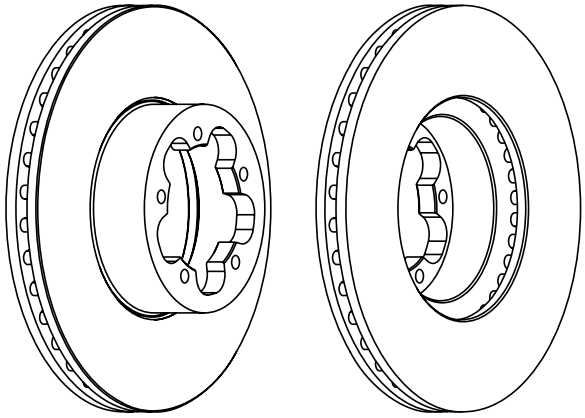
NISSAN Interstar
RENAULT Master II



DDF1554

∅	A	B	C	D		Kg		ABS
280	28	25	54.5	93	5	14.64		

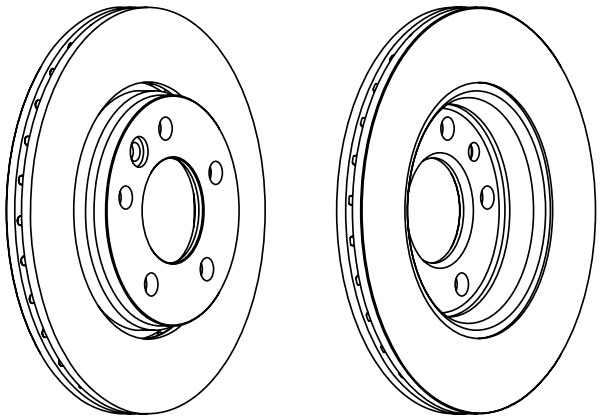
FORD Transit VII



DDF1286

∅	A	B	C	D		Kg		ABS
294	22	19.5	44.5	76.2	5	14.04		

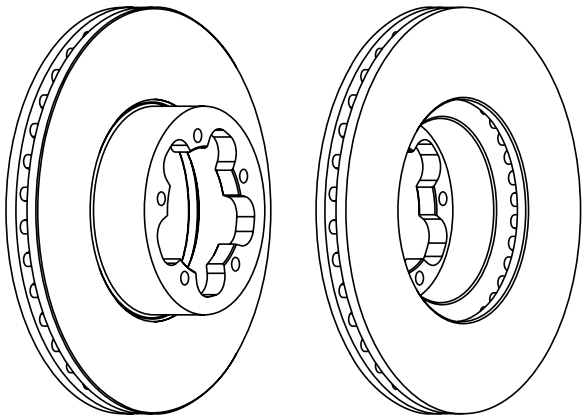
VOLKSWAGEN Transporter T5



DDF1555

∅	A	B	C	D		Kg		ABS
300	28	25	54.5	93	5	17.91		

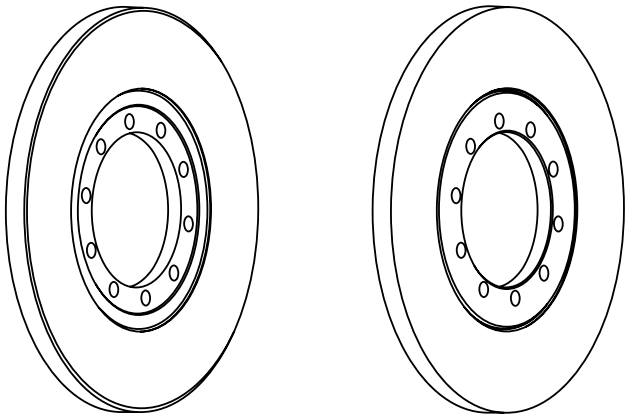
FORD Transit VII



DDF1537

∅	A	B	C	D		Kg		ABS
280	16	14.8	16.5	107.5	5	11.04		

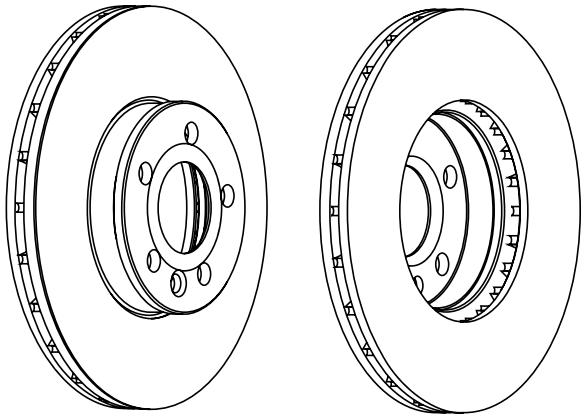
FORD Transit VII

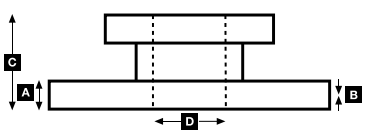


DDF1559

∅	A	B	C	D		Kg		ABS
300	26	22	56.3	68.2	5	17.66		

VOLKSWAGEN Transporter T4



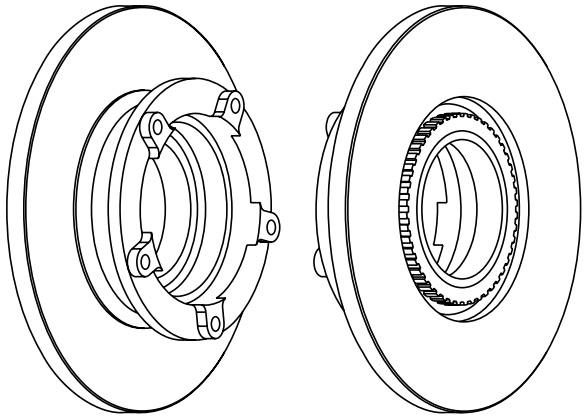


FERODO

DDF1573

∅	A	B	C	D		Kg		ABS
280	16	14	69	96	5	16.95		✓

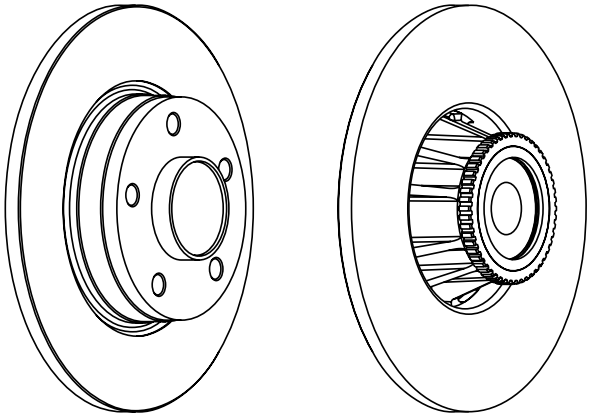
FORD Transit VII



DDF1623

∅	A	B	C	D		Kg		ABS
280	12	10	102	68	5	16.68		✓

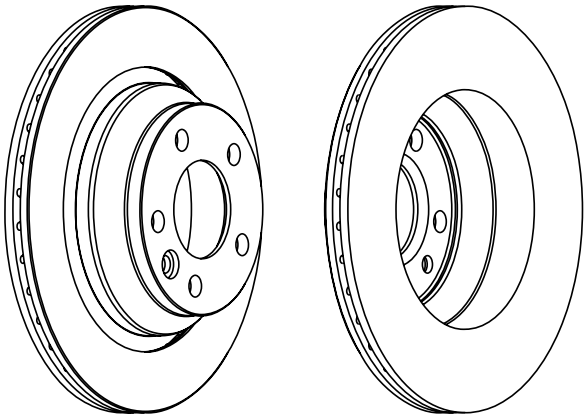
NISSAN Interstar, Primastar
RENAULT Trafic II



DDF1698

∅	A	B	C	D		Kg		ABS
314	22	18	75.7	76	5	16.29		

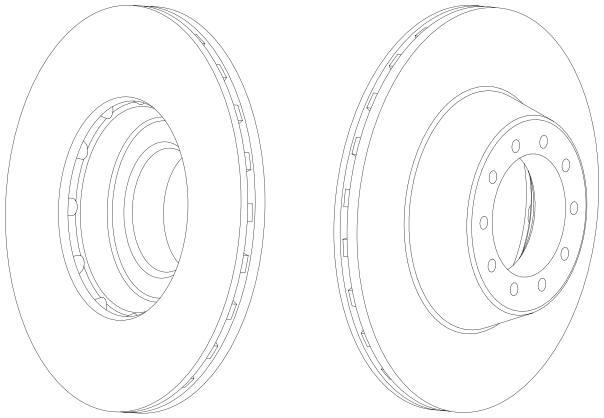
VOLKSWAGEN Transporter T5



FCR100A

∅	A	B	C	D		Kg		ABS
460	48.0	40.0	119	170	10xM16	34.0		

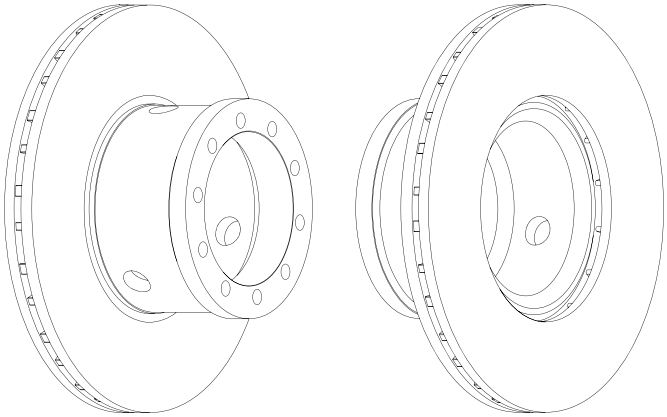
BOVA Futura
DAF MB230, SB2300, SB2305, SB2705, SB3000, SBR3000
MAN Lion's Star
NEOPLAN All



FCR101A

∅	A	B	C	D		Kg		ABS
315	26.0	24.0	122	119	10xM12	13.1		

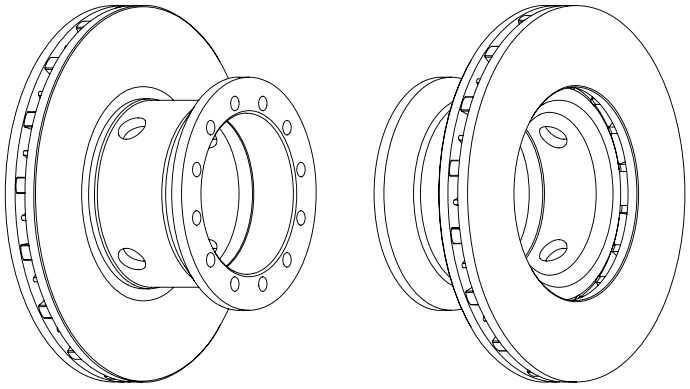
AVIA - DAEWOO (Czech) A60, A75, A80, D60, D75, D80, D95
DAF F 600, F 800 Series, Roadrunner, Swift

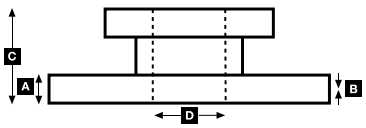


FCR102A

∅	A	B	C	D		Kg		ABS
312	30.0	27.5	137	133	12xM12	14.6		

DAF F 45 Series, F 1000, Roadrunner

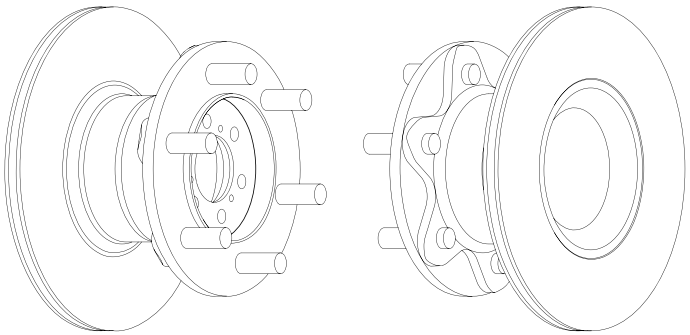




FCR104A

∅	A	B	C	D		Kg		ABS
280	16.0	13.0	142	105	6xM18 6x12.5 3xM6	13.4	6 M18x1.5 44mm	

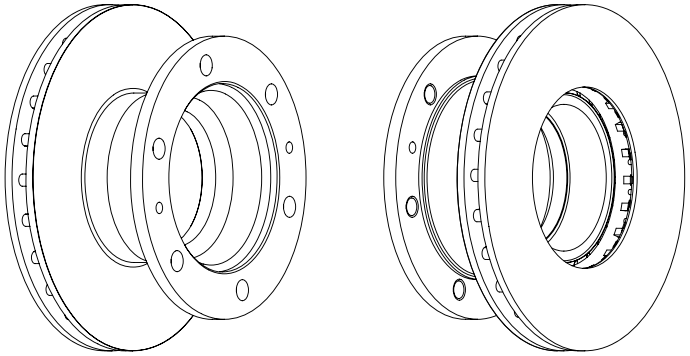
IVECO Daily I 78→99



FCR105A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	128	165	6x18.15 2xM10	13.9		

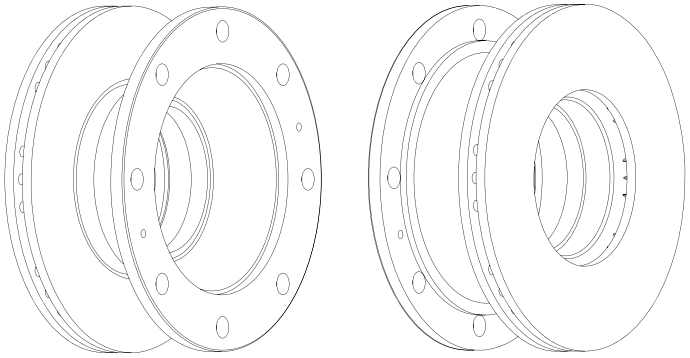
IVECO EuroCargo, EuroCargo Tector



FCR106A

∅	A	B	C	D		Kg		ABS
322	30.0	27.8	134	215	8x20.15 2xM10	18.0		

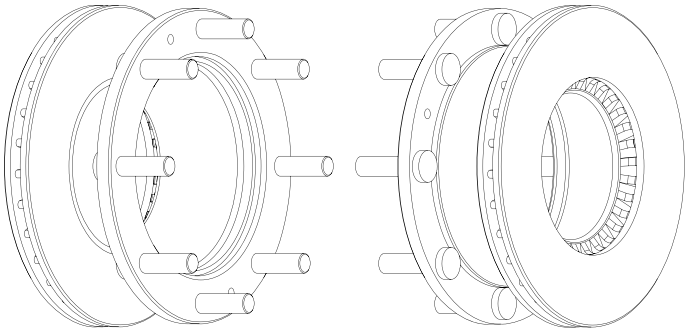
IVECO EuroCargo



FCR107A

∅	A	B	C	D		Kg		ABS
322	30.0	27.8	129	220	8x20.15 2xM10	19.4	8 M20x1.25X58mm	

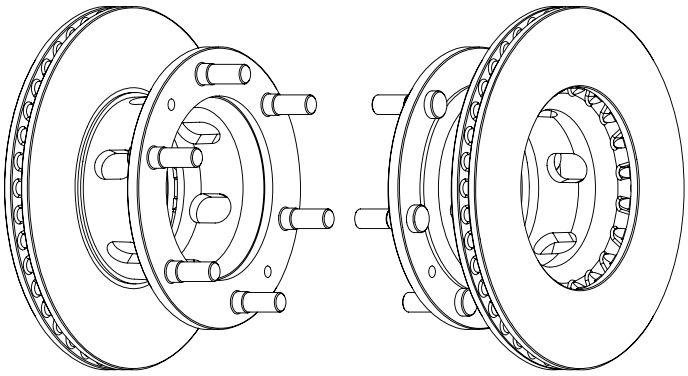
IVECO Z-Series:



FCR108A

∅	A	B	C	D		Kg		ABS
315	26.0	23.0	118.5	160	6x18.05 2xM10	13.7	6 M18x1.5x46mm	

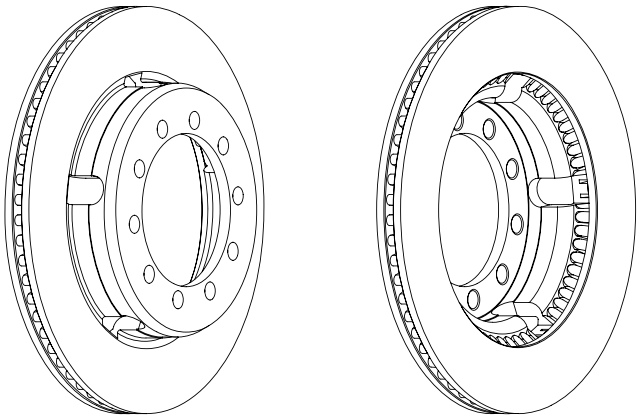
IVECO Z-Series:

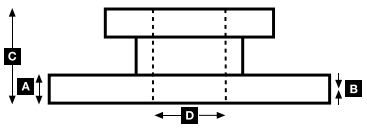


FCR109A

∅	A	B	C	D		Kg		ABS
417	30.0	27.0	80	157	10	12.7		

IRISBUS Iveco 370, Iveco 391 E- 393E - 397E



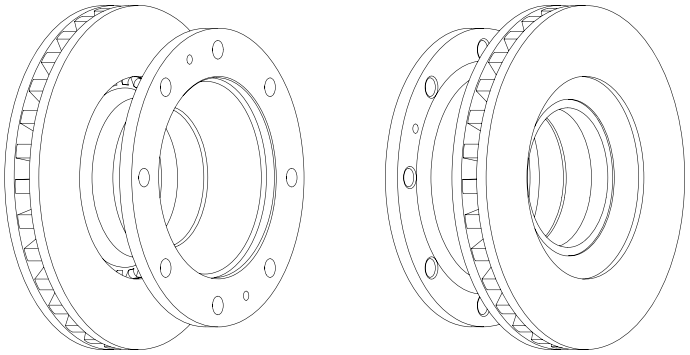


FERODO

FCR110A

∅	A	B	C	D		Kg		ABS
370	45.0	41.0	150	215	8x20 2xM10	31.0	8 M20x1.5 59mm L	

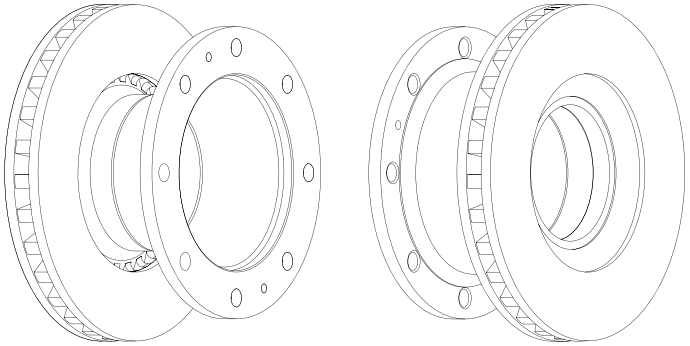
FORD Supercargo
IVECO EuroCargo



FCR111A

∅	A	B	C	D		Kg		ABS
370	45.0	41.0	181.5	215	8x22.15 2xM10	32.0	8 M22x1.5 59mm L	

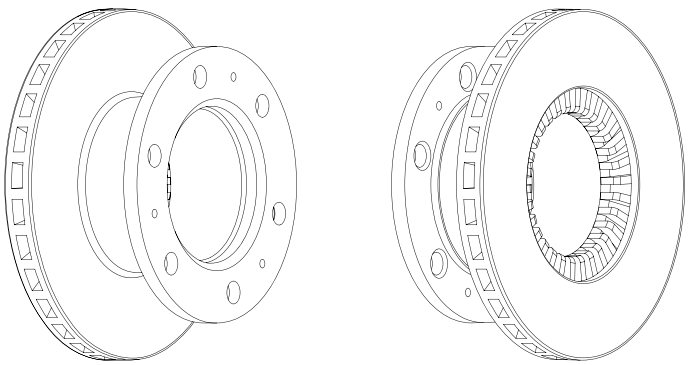
FORD Supercargo
IVECO EuroCargo



FCR112A

∅	A	B	C	D		Kg		ABS
322	30.0	27.8	126	148	6x21 3xM8	14.6		

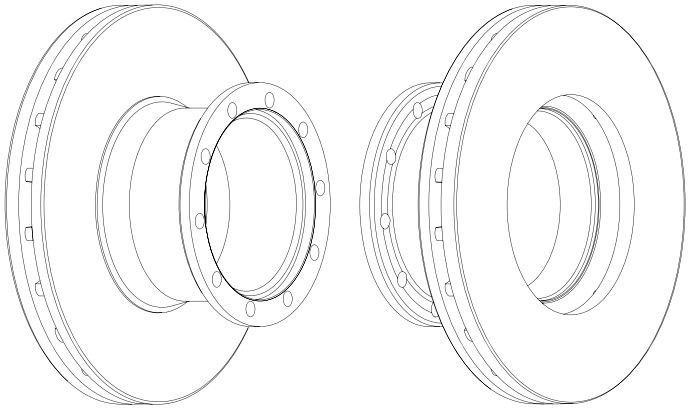
FORD Cargo:



FCR113A

∅	A	B	C	D		Kg		ABS
406	48.0	38.0	175	194	10xM16	32.7		

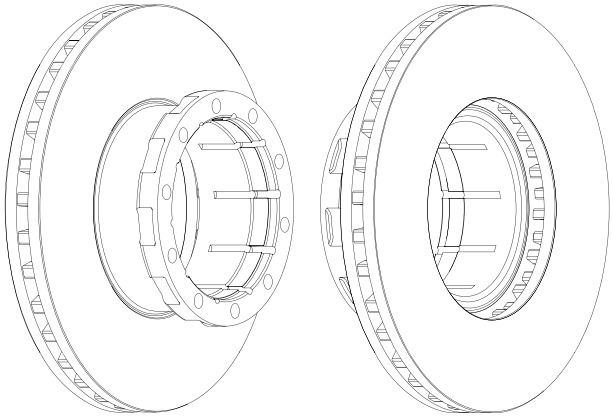
SETRA All



FCR114A

∅	A	B	C	D		Kg		ABS
432	45.0	35.0	135	194	10xM16	32.5		

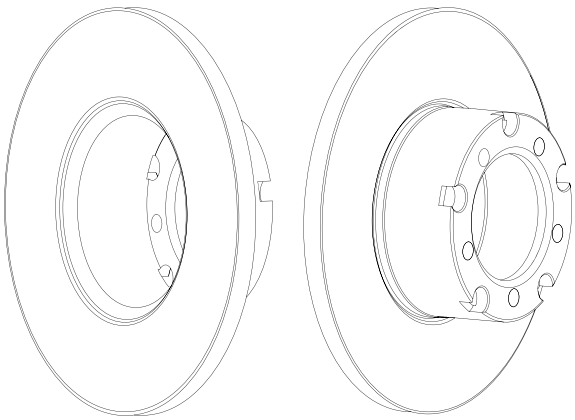
SETRA All, Comfortclass 300, Multiclass 300, TopClass 300

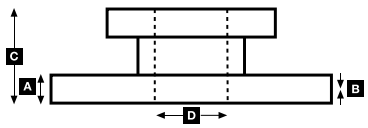


FCR116A

∅	A	B	C	D		Kg		ABS
280	16.0	13.0	78.5	88	5x18 5x12.5	7.0		

MERCEDES-BENZ Mini Bus, T 1 (601), T 1 (602), T 1/TN, T 2/LN1

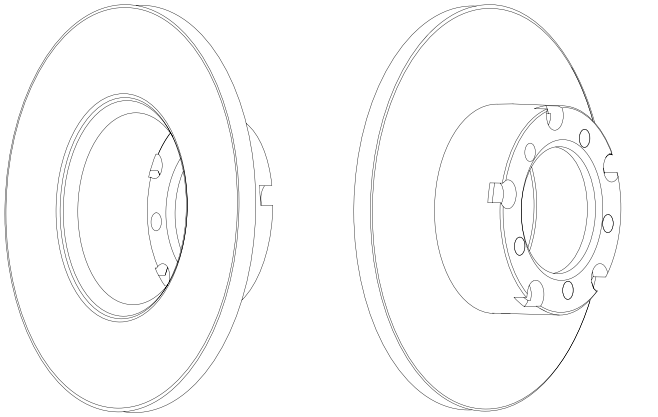




FCR117A

∅	A	B	C	D		Kg		ABS
280	22.0	19.0	78.5	88	5x18 5x12.5	8.7		

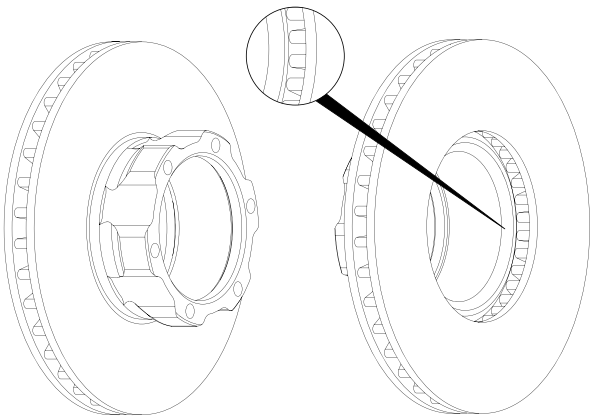
MERCEDES-BENZ T 1/TN, T 2/L, T 2/LN1



FCR118A

∅	A	B	C	D		Kg		ABS
304	30.0	26.0	91	118	6xM12	10.5		

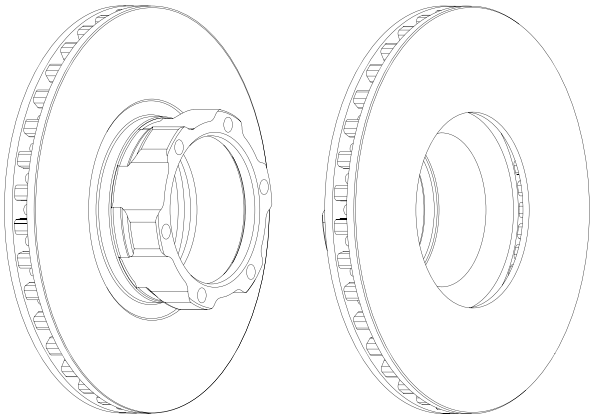
MERCEDES-BENZ O 409 (5 to 7,5):, T 2/LN1



FCR119A

∅	A	B	C	D		Kg		ABS
324	30.0	26.0	91	118	6xM12	11.0		

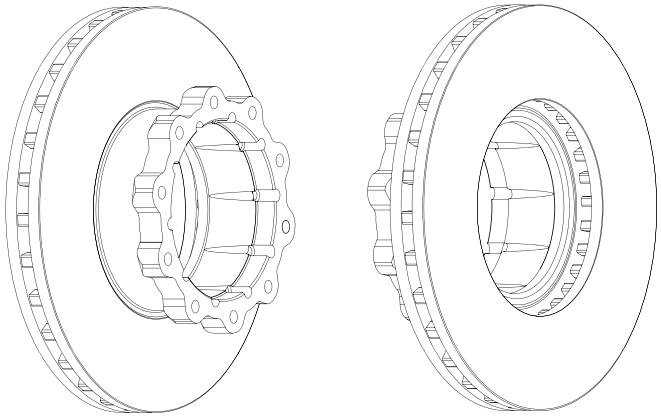
ERNST AUWÄRTER Economy, Teamstar
MERCEDES-BENZ O 609/O 611/O 614:, T 2/LN1
OPTARE Starider



FCR120A

∅	A	B	C	D		Kg		ABS
438	45.0	41.0	135	195	10xM14	33.5		

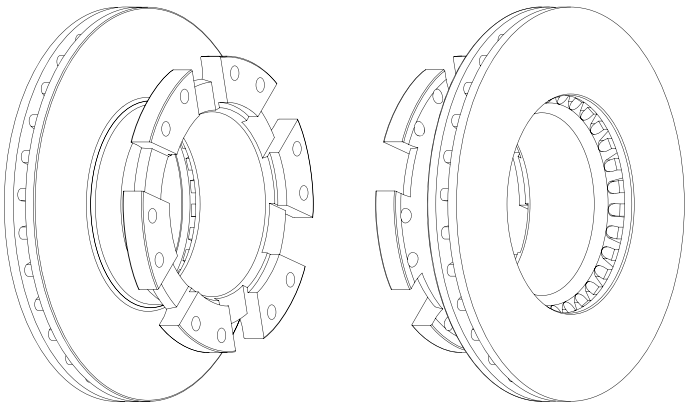
ERNST AUWÄRTER Eurostar
MERCEDES-BENZ Integro O 550:, O 340/350 - O 404, Tourismo (O 350)



FCR122A

∅	A	B	C	D		Kg		ABS
324	30.0	27.0	111	165	12x13	13.0		

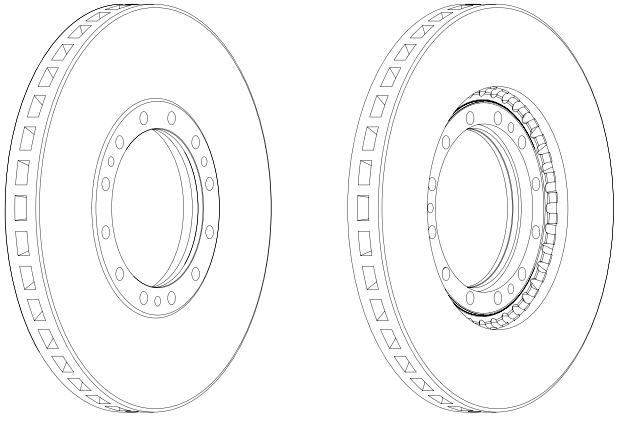
MCW Metrorider
OPTARE Metrorider, Solo

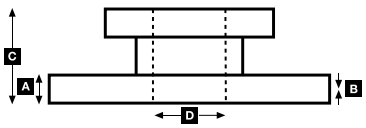


FCR123A

∅	A	B	C	D		Kg		ABS
412	42.0	40.0	45	160	12	25.0		

MENARINI All



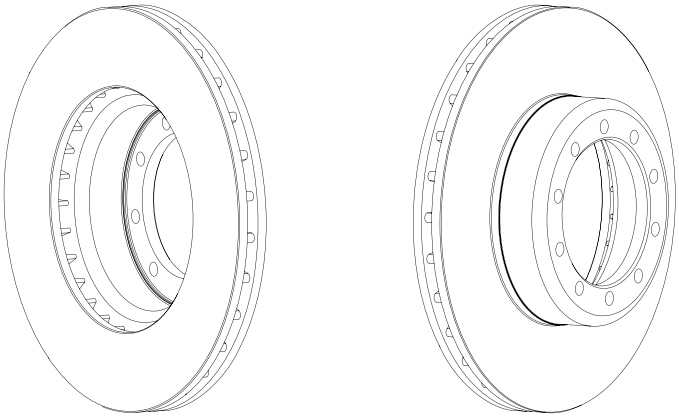


FERODO

FCR126A

∅	A	B	C	D		Kg		ABS
354	30.0	26.0	82	128	10x12.4	14.2		

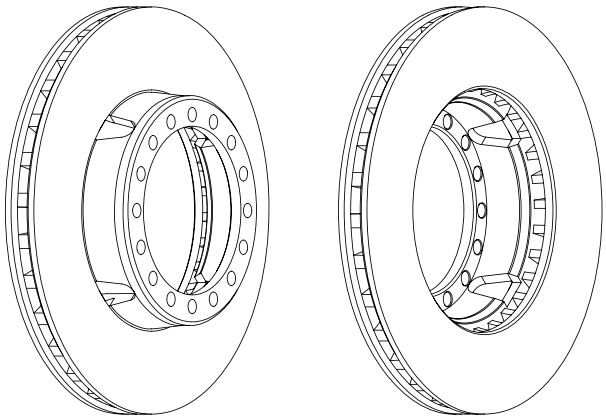
DENNIS Fire Engines
MAN Regal/Regent
RENAULT TRUCKS Midliner/C Series, Midliner/M Series, Midliner/S Series



FCR127A

∅	A	B	C	D		Kg		ABS
350	30.0	26.0	73	145	16x12.1	13.0		

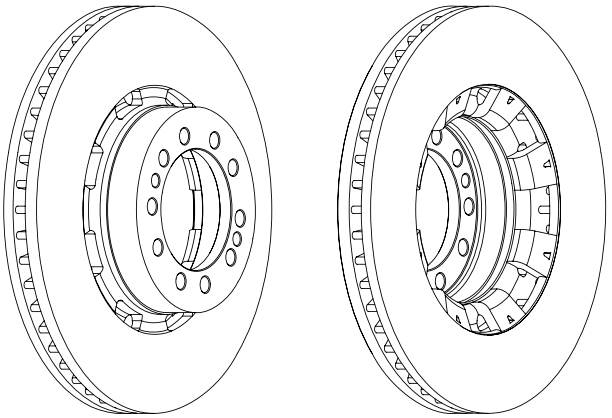
MENARINI All
RENAULT BUS R312



FCR128A

∅	A	B	C	D		Kg		ABS
440	44.4	39.0	100	131	10x17.2	2xM14	29.0	

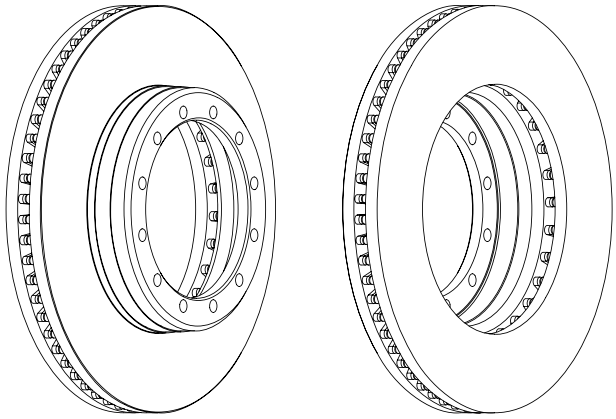
RENAULT TRUCKS Magnum/AE Series, Major/R Series, Manager/G Series



FCR129A

∅	A	B	C	D		Kg		ABS
400	42.3	37.0	90	175	12x12.5	23.7		

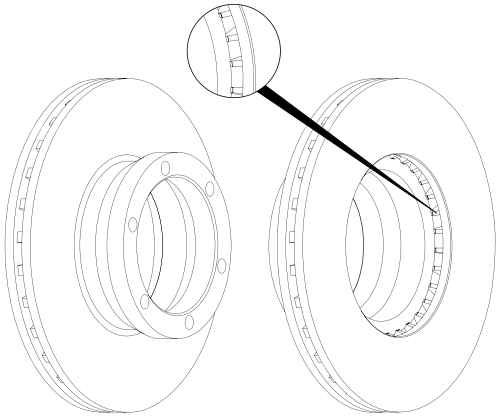
IRISBUS FR1 (5.4M, 5.6M, 6.2M)



FCR130A

∅	A	B	C	D		Kg		ABS
322	30.0	27.0	90	132	6xM14	14.0		

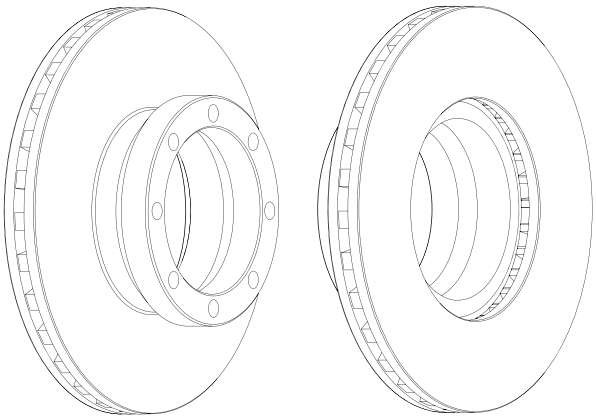
VOLVO FL 4 Series:, FLC

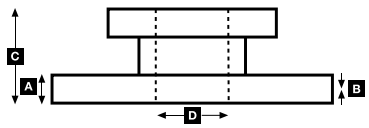


FCR131A

∅	A	B	C	D		Kg		ABS
322	30.0	28.0	90	132	8xM14	13.6		

VOLVO B 6-Series:, FL 6-Series:, FLC, FS 7

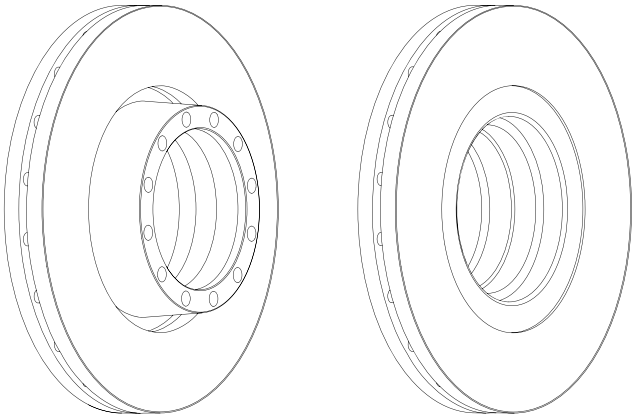




FCR132A

∅	A	B	C	D		Kg		ABS
430	50.0	46.0	102	170	12xM16	35.0		

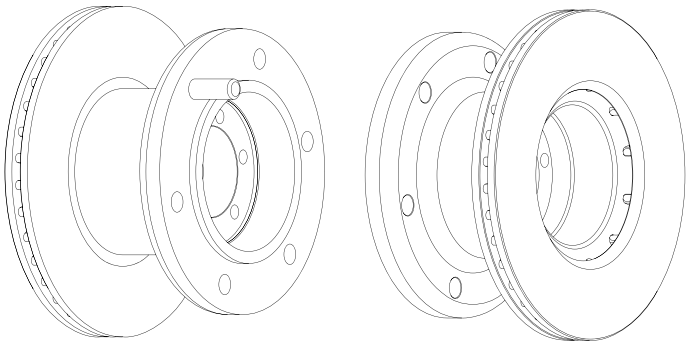
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT



FCR133A

∅	A	B	C	D		Kg		ABS
290	25.0	23.0	160	120	6x12.5 6xM18	20.2	6 M18x1.5x44mm	

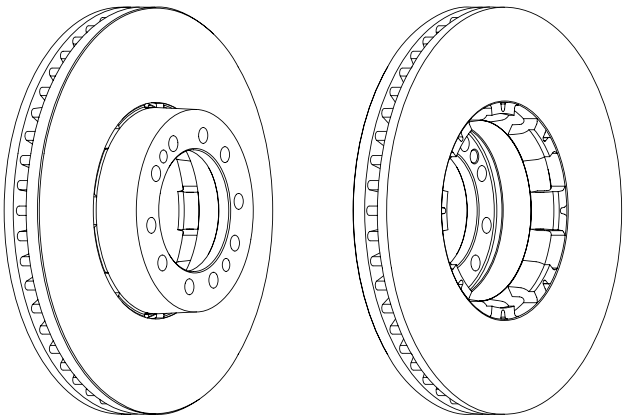
IVECO Daily I 78→99



FCR134A

∅	A	B	C	D		Kg		ABS
438	45.0	35.0	96.4	131	10x17.1 2xM14	31.3		

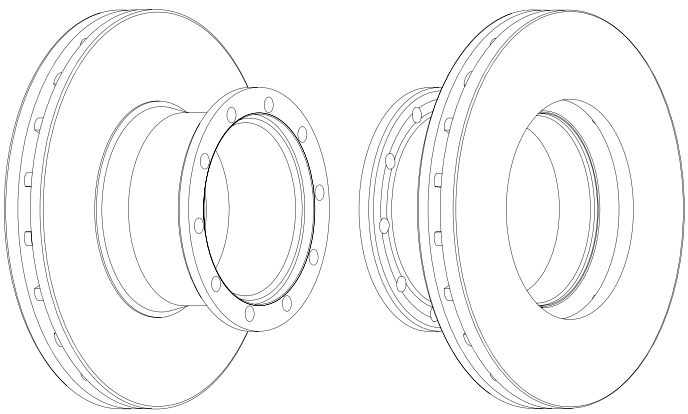
IRISBUS Agora, Citybus, Heuliez GX217, Heuliez GX317, Heuliez GX417, Iliade
RENAULT TRUCKS Magnum/AE Series, Premium Distribution, Premium Route



FCR135A

∅	A	B	C	D		Kg		ABS
425	45.0	38.0	165.5	215	10xM16	37.2		

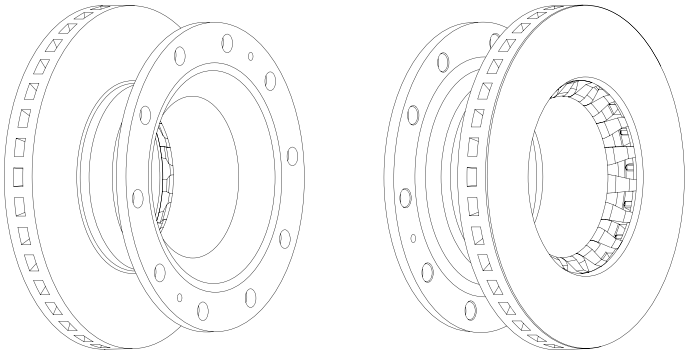
IRISBUS Iveco 471



FCR136A

∅	A	B	C	D		Kg		ABS
425	45.0	41.0	170.5	285	10	43.6		

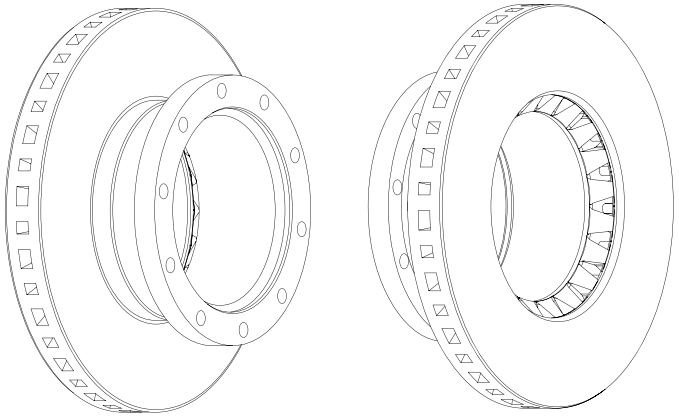
IRISBUS Iveco 480/580, Iveco 490
IVECO Daily II 99→06

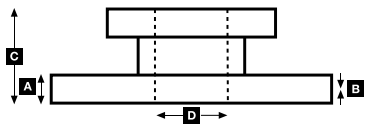


FCR138A

∅	A	B	C	D		Kg		ABS
425	45.0	38.0	159.5	215	10xM16	36.8		

INBUS F140 (Filobus), U210 - S210 - 1330



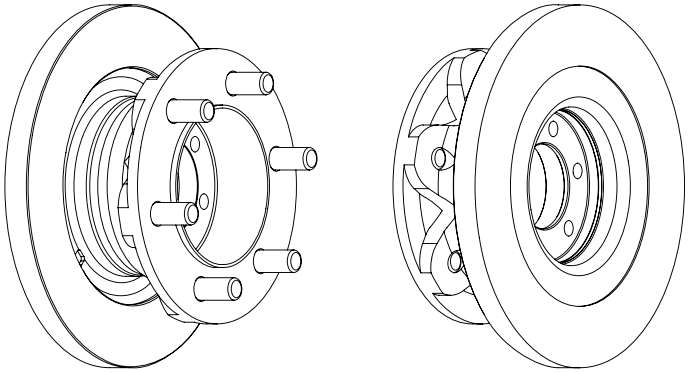


FERODO

FCR139A

∅	A	B	C	D		Kg		ABS
290	22.0	19.0	111	68	6xM18 6x12.4	15.0	6 M18x1.5x34mm	

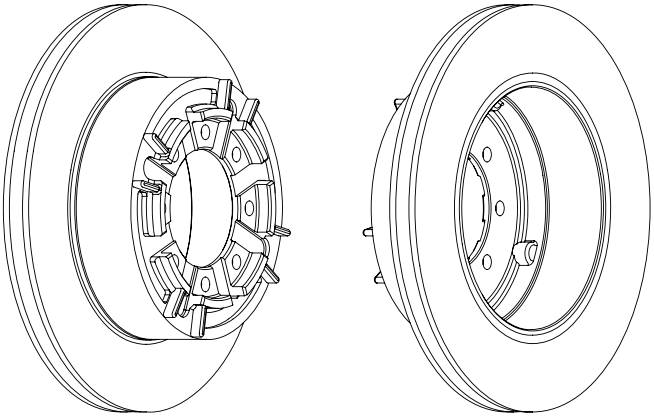
IVECO Daily I 78→99, Daily II 99→06



FCR140A

∅	A	B	C	D		Kg		ABS
289	22.0	19.0	84	84	8x10.5	9.3		

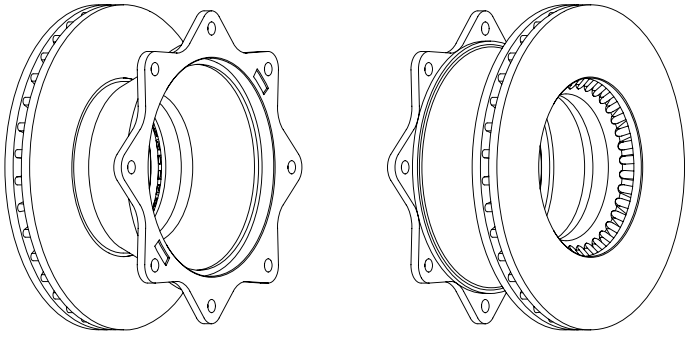
IVECO Daily I 78→99, Daily II 99→06



FCR142A

∅	A	B	C	D		Kg		ABS
322	30.0	27.8	138	216	8x13.1	15.7		

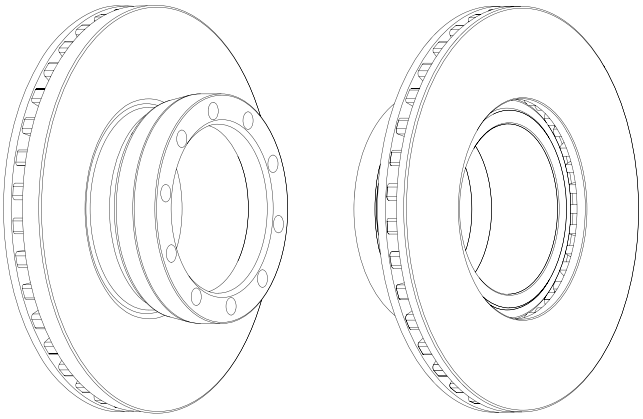
VOLVO FL 6-Series:, FLC



FCR143A

∅	A	B	C	D		Kg		ABS
324	30.0	24.0	102	135	10xM14	13.5		

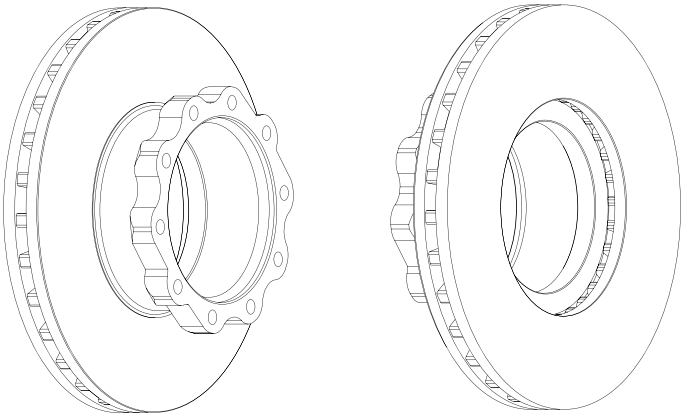
MAN L2000 Series:



FCR144A

∅	A	B	C	D		Kg		ABS
438	45.0	35.0	135	200	10xM16	36.0		

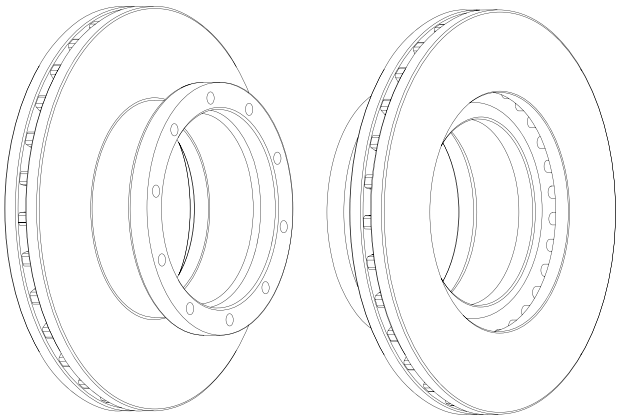
MAN Chassis, EM-Series, F2000-Series, Lion's City, Lion's City C, L, LL, Lion's City DD, Lion's City G, GL, GXL, Lion's City LE, LE Ü, Lion's City M, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, UL

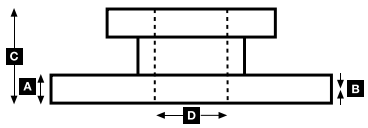


FCR145A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	132	211	10xM14	34.2		

DISCOS Trailer
MERCEDES-BENZ Actros I, Actros II/III, Actros 2010, Actros 2011, Atego II, Axor, Citaro (O 530), Cito (O 520), Econic, Powerliner Series, Tourismo (O 350), Travego (O 580)
SETRA Comfortclass 400, TopClass 400

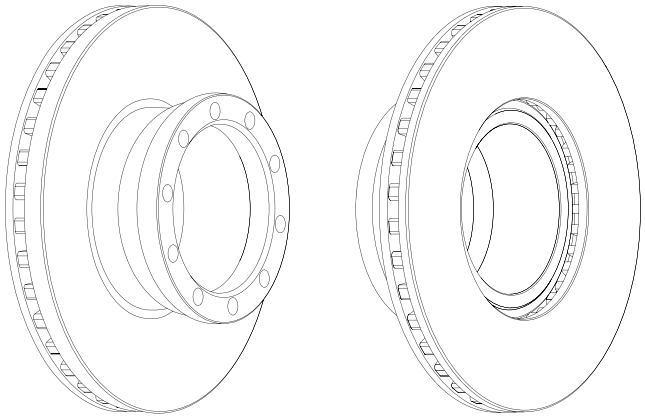




FCR146A

∅	A	B	C	D		Kg		ABS
330	34.0	30.0	104	135	10xM14	16.4		

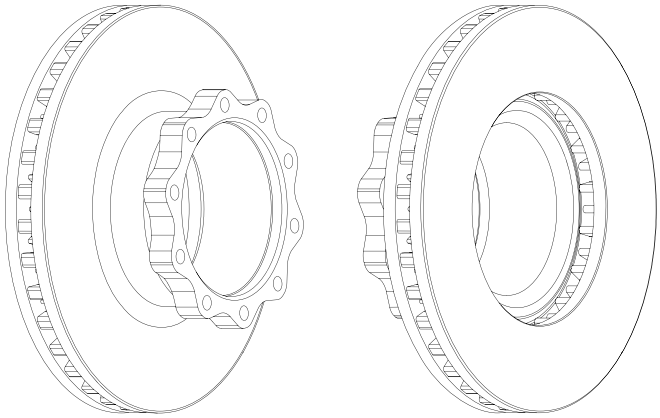
MAN L2000 Series:, L2000-Series (LE Evolution), M2000-L Series



FCR147A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	128	162	10xM14	23.0		

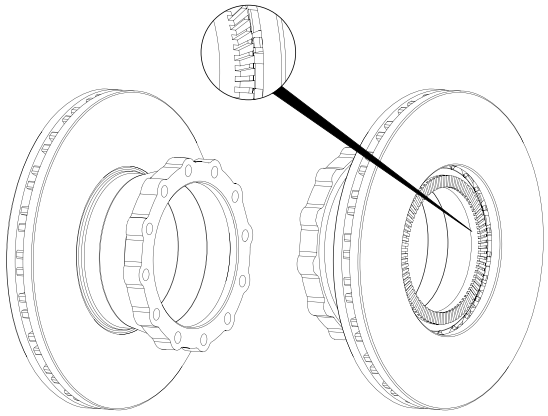
MAN M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TGM Series
SOR SOR 9.5, SOR 10.5, SOR 12



FCR148A

∅	A	B	C	D		Kg		ABS
330	34.0	31.0	124	157	12xM12	17.1		✓

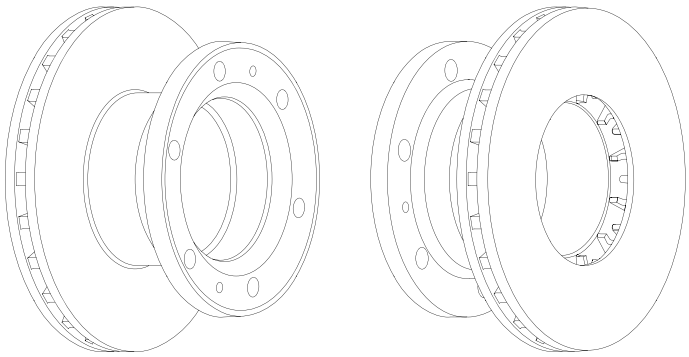
MAN L2000 Series:, L2000-Series (LE Evolution)



FCR149A

∅	A	B	C	D		Kg		ABS
315	35.0	32.0	153.5	240	6	17.1		

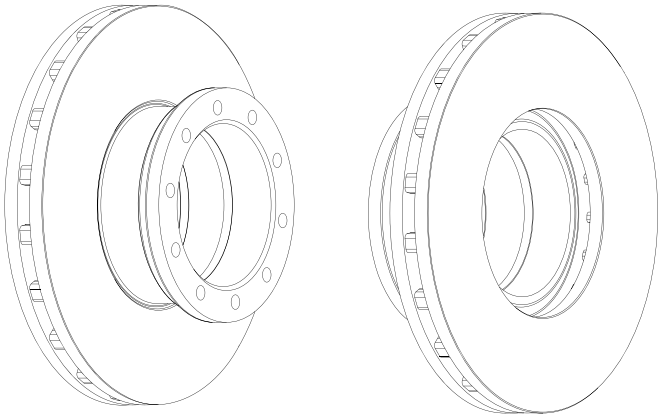
IRISBUS Iveco Magirus



FCR151A

∅	A	B	C	D		Kg		ABS
375	44.0	37.0	128	154	10xM14	25.0		

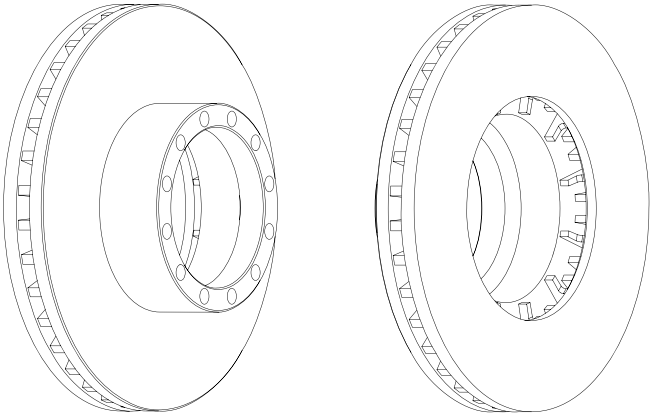
DAF F 50 Series, F 55 Series

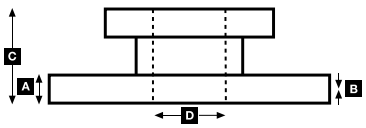


FCR155A

∅	A	B	C	D		Kg		ABS
410	48.0	40.0	120	162	12xM16	29.1		

VAN HOOL All



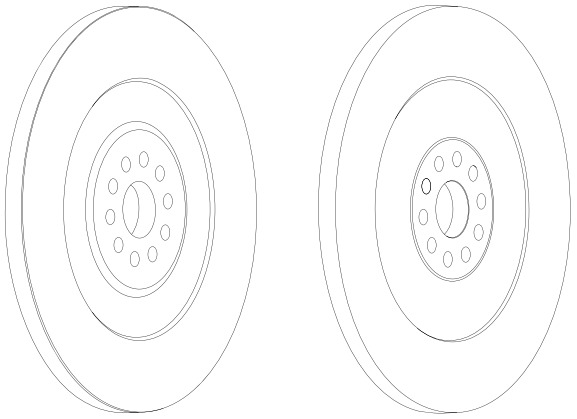


FERODO

FCR156A

∅	A	B	C	D		Kg		ABS
374	22.0	20.0	22	60	10x16.7	9.5		

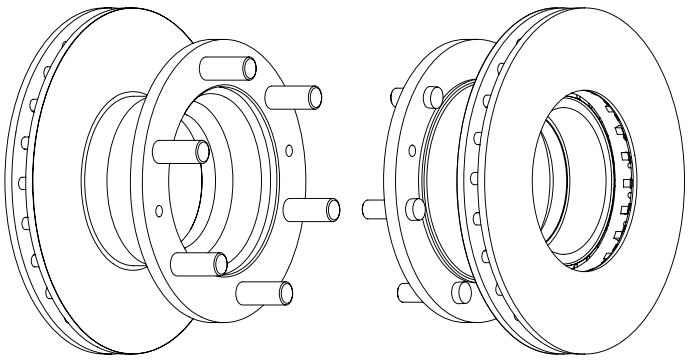
MERCEDES-BENZ MB-Trac, Unimog



FCR157A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x75mm	

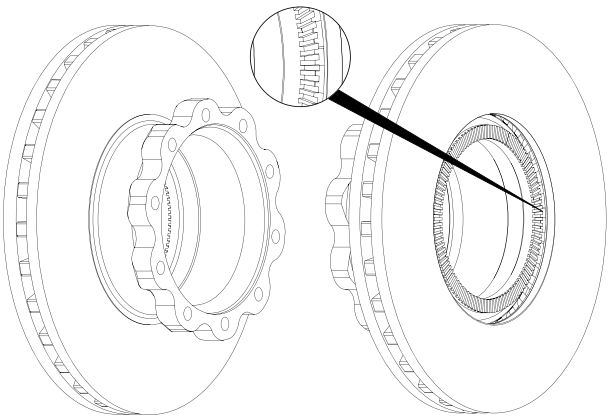
IVECO EuroCargo, EuroCargo Tector



FCR161A

∅	A	B	C	D		Kg		ABS
432	45.0	37.0	135	208	10xM16	35.0		✓

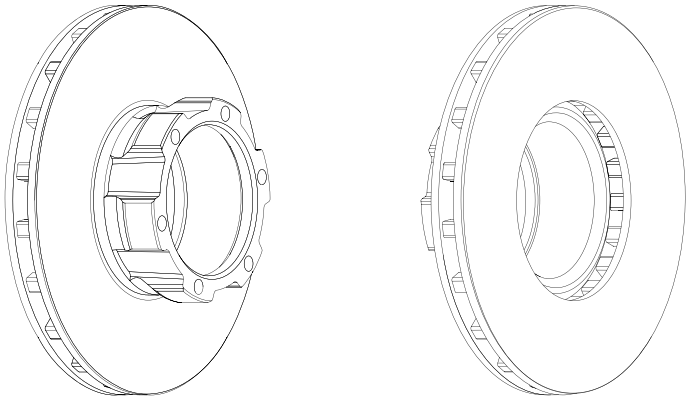
MAN F90-Series, F2000-Series, M2000-L Series, M2000-M Series, M2000-Series (ME Evolution), TG-A Series:



FCR162A

∅	A	B	C	D		Kg		ABS
304	30.0	26.0	91	118	6xM12	10.5		

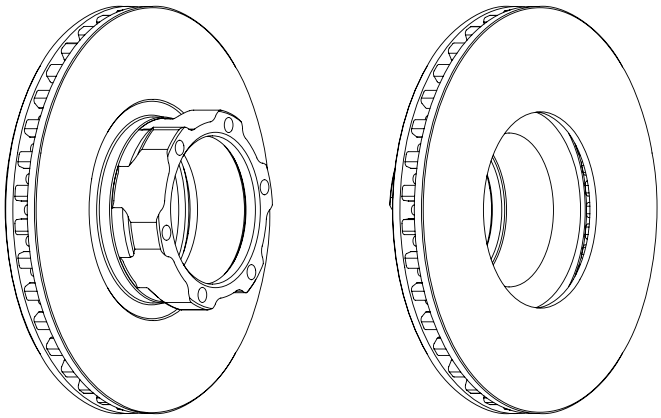
MERCEDES-BENZ Vario, Vario Minibus



FCR163A

∅	A	B	C	D		Kg		ABS
324	30.0	26.0	91	118	6xM12	11.0		

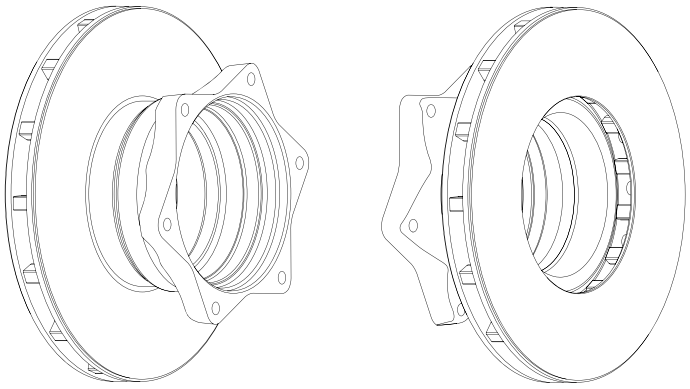
ALEXANDER PSV ALX 100, Mini
MERCEDES-BENZ Vario, Vario Minibus

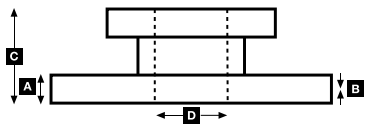


FCR164A

∅	A	B	C	D		Kg		ABS
304	30.0	26.0	120	157	6xM12	11.4		

MERCEDES-BENZ Vario, Vario Minibus

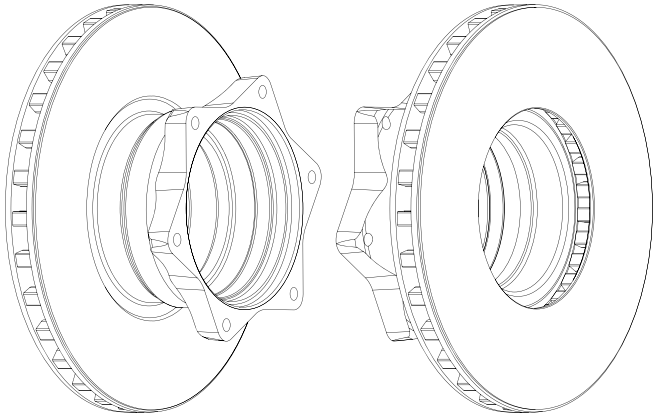




FCR165A

∅	A	B	C	D		Kg		ABS
324	30.0	26.0	120	157	6xM12	12.2		

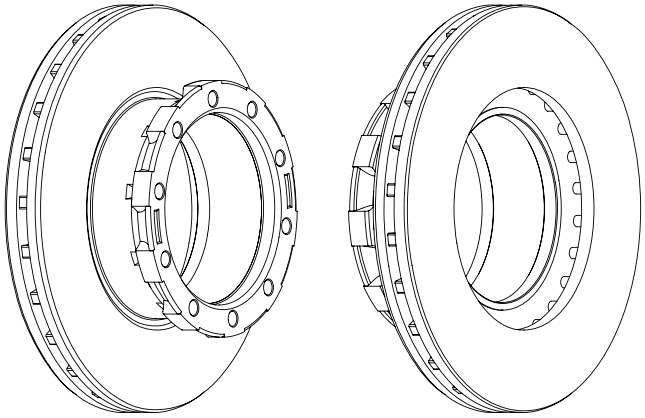
ALEXANDER PSV ALX 100, Mini
MERCEDES-BENZ Vario, Vario Minibus



FCR168A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	131	203	10xM16	34.4		

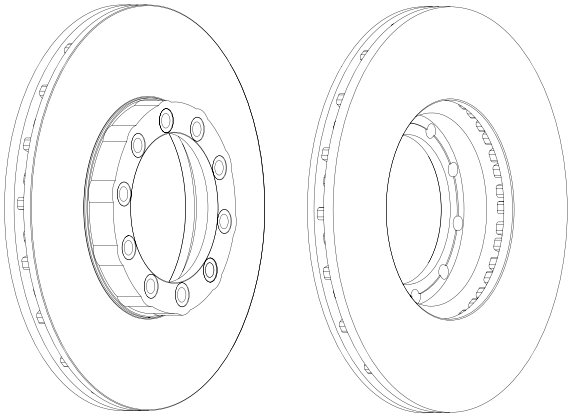
BOVA Futura, Futura (3-Axle)
NEOPLAN Centroliner:, Cityliner:, Euroliner:, Jetliner:, Low Floor Buses, Spaceliner:, Starliner, Transliner
SOLARIS City Bus



FCR169A

∅	A	B	C	D		Kg		ABS
276	24.0	22.4	44	102	10x10.6	6.6		

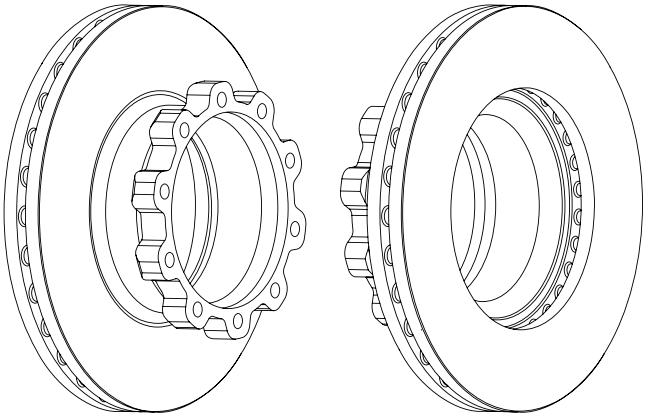
RENAULT TRUCKS B Series



FCR170A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	131	208	10xM16	29.5		

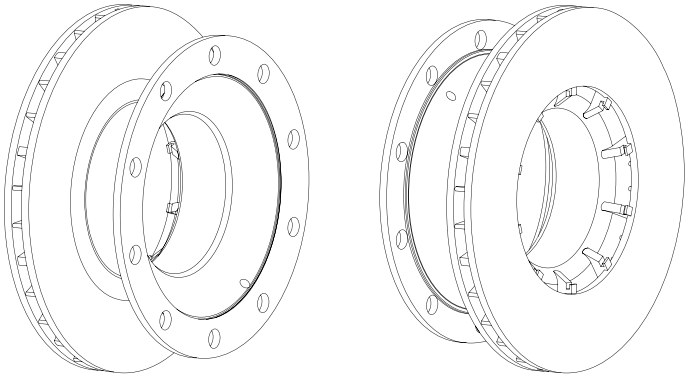
BERKHOF PSV Excellence, Scania Chassis
SCANIA 4-Series, All, G, P, R, T-Series:, K124, L94 Series



FCR172A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	159.5	290	10x23 2x10	37.5		✓

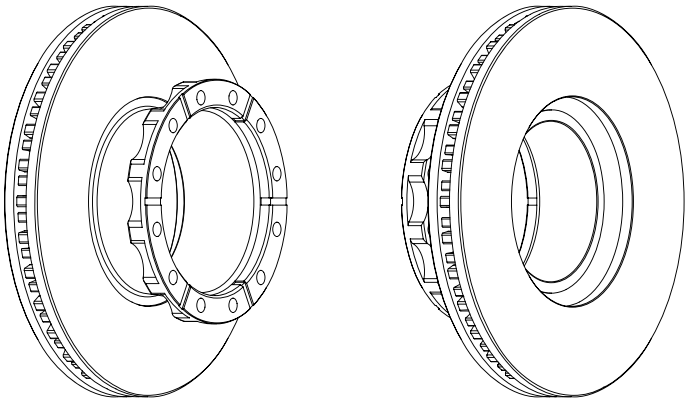
BPW SH Series SB/SN7 (SB4345)

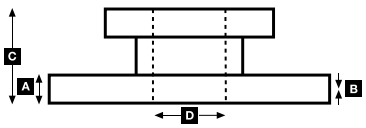


FCR173A

∅	A	B	C	D		Kg		ABS
436	45.0	37.0	138.5	210	12xM16	37.7		

IRISBUS Iveco 391 E- 393E - 397E
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT, EuroTrakker/EuroTrakker Cursor



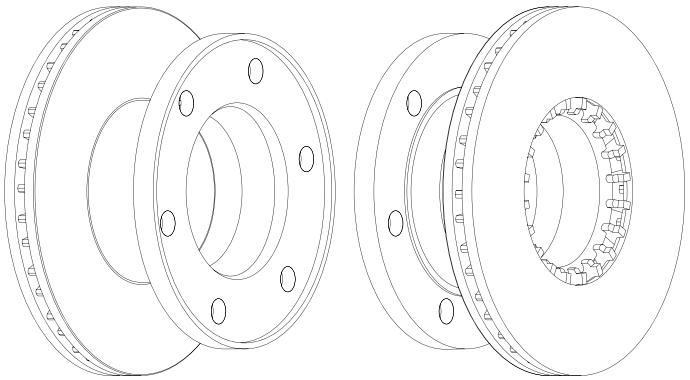


FERODO

FCR174A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	134.5	250	6x21	15.0		

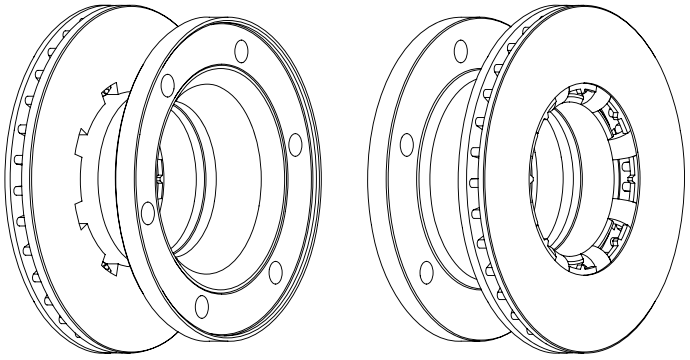
RENAULT TRUCKS Midliner/S Series



FCR175A

∅	A	B	C	D		Kg		ABS
322	30.0	27.8	140	290	6x21	18.0		

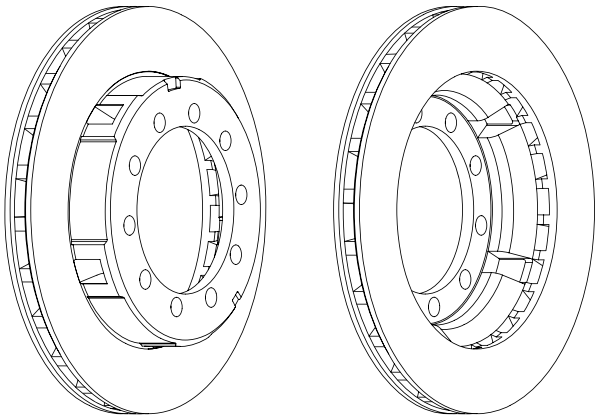
RENAULT TRUCKS Midliner/S Series



FCR177A

∅	A	B	C	D		Kg		ABS
417	30.0	27.0	73	159	10x18.5	18.6		

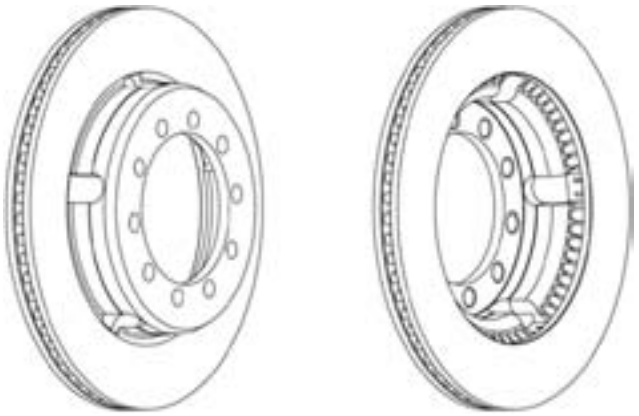
MENARINI All



FCR179A

∅	A	B	C	D		Kg		ABS
417	28.0	25.5	67	159	10	41.6		

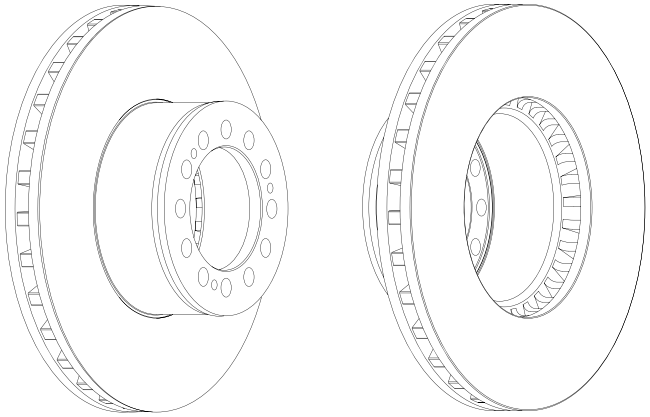
IRISBUS Iveco 380, Iveco 491/591, Iveco Euroclass, Iveco MyWay



FCR181A

∅	A	B	C	D		Kg		ABS
432	45.0	38.0	130	131	12x19 3xM12	36.0		

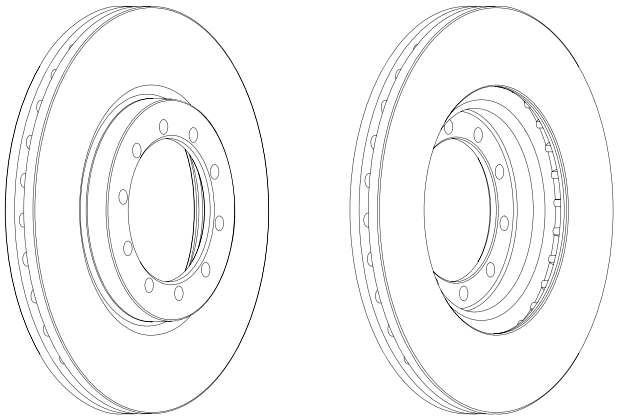
MAN Lion's City G, GL, GXL, Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Star, UL

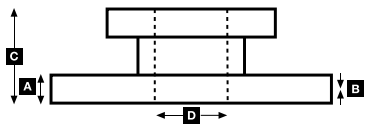


FCR182A

∅	A	B	C	D		Kg		ABS
290	26.0	24.0	43	102	10x10.5	7.0		

RENAULT Mascott

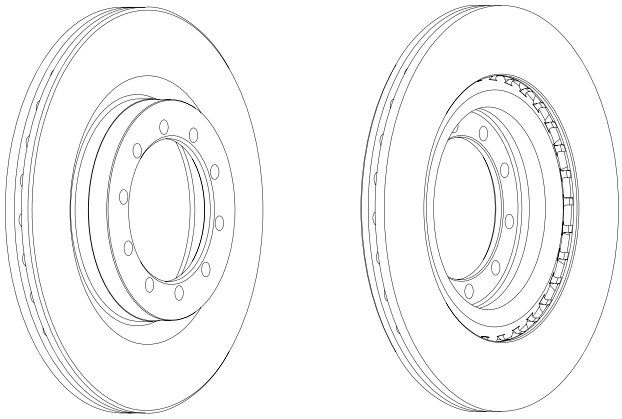




FCR183A

∅	A	B	C	D		Kg		ABS
290	22.0	20.4	43	102	10x10.5	6.0		

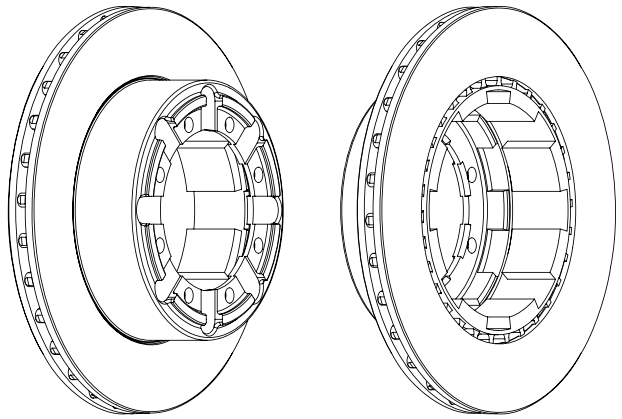
RENAULT Mascott



FCR184A

∅	A	B	C	D		Kg		ABS
290	22.0	20.4	78	150	8X11	8.0		

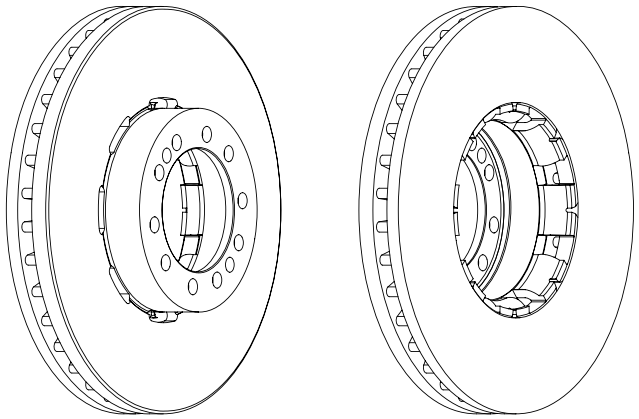
RENAULT Mascott



FCR185A

∅	A	B	C	D		Kg		ABS
380	45.0	38.0	85	117	10x15 2xM14	22.9		

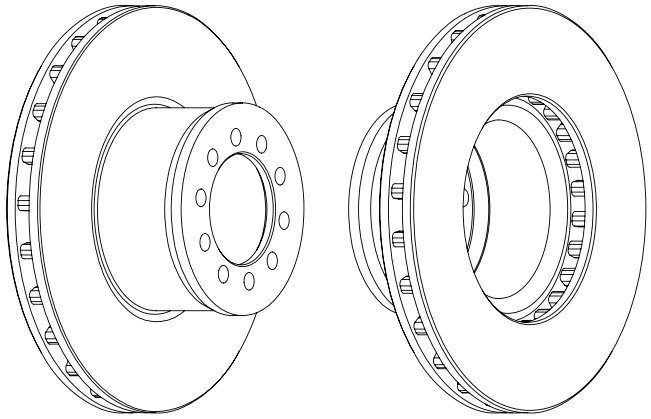
RENAULT TRUCKS Midlum Series



FCR186A

∅	A	B	C	D		Kg		ABS
335	34.0	31.0	102	91.5	10x14.5	15.0		

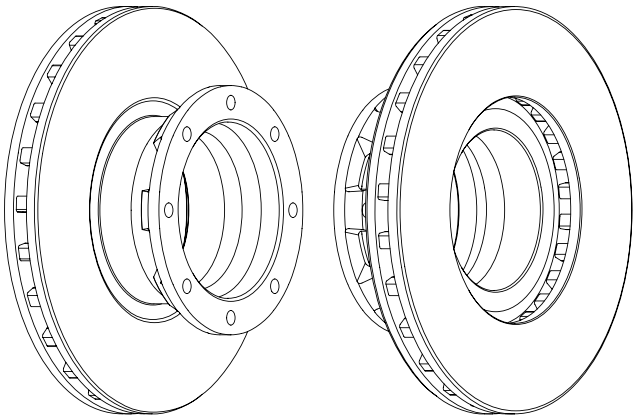
MERCEDES-BENZ Atego I



FCR187A

∅	A	B	C	D		Kg		ABS
335	34.0	31.0	111	131	8xM12	16.0		

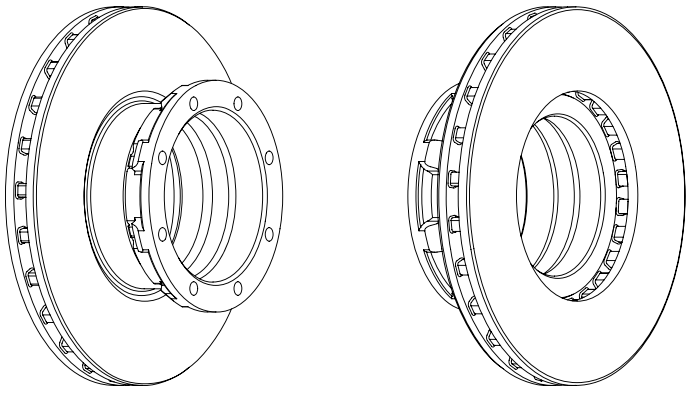
MERCEDES-BENZ Atego I

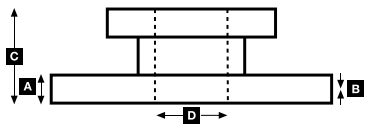


FCR188A

∅	A	B	C	D		Kg		ABS
335	34.0	28.0	111	152	8xM12	15.2		

MERCEDES-BENZ Atego I



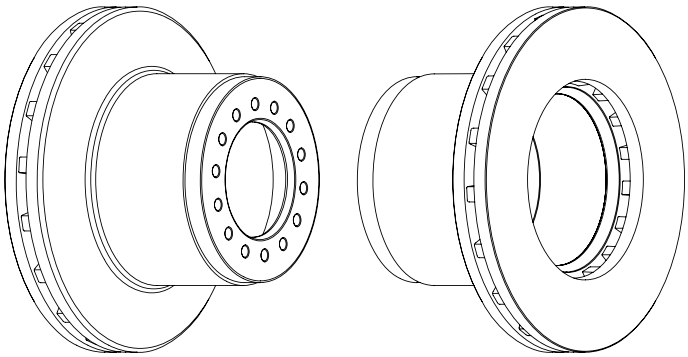


FERODO

FCR189A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	134	105.7	14x14.5	24.0		

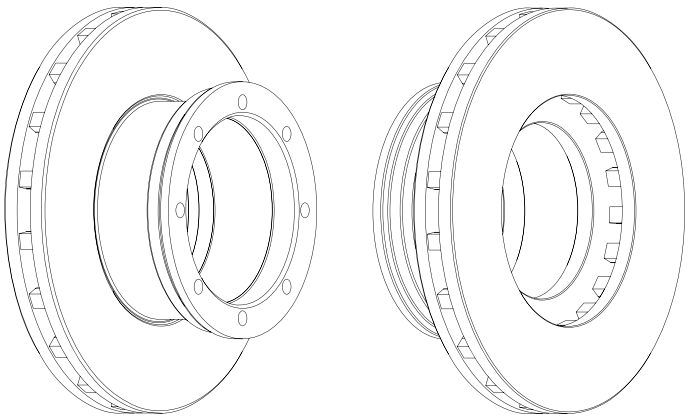
ERNST AUWÄRTER Clubstar
MERCEDES-BENZ Atego I, Tourino (O 510)



FCR190A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	138	176	8xM14	26.4		

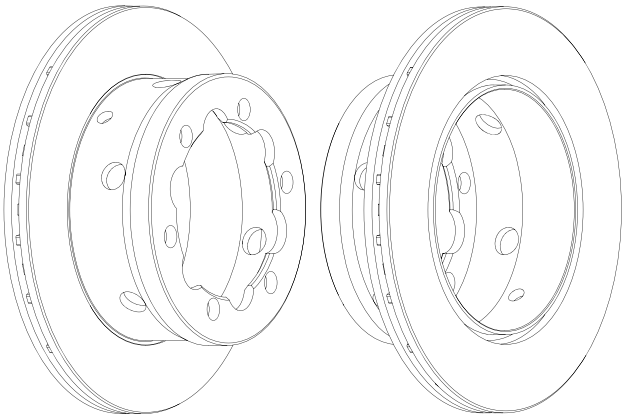
DISCOS Trailer
ERNST AUWÄRTER Clubstar
MERCEDES-BENZ Atego I



FCR191A

∅	A	B	C	D		Kg		ABS
285	22.0	19.0	93	120	6x15.1	7.0		

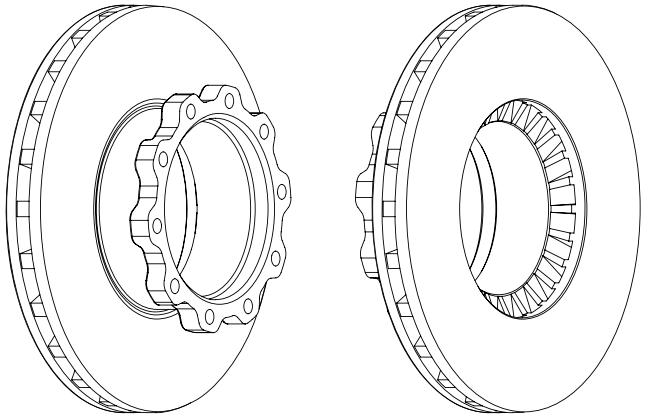
MERCEDES-BENZ Sprinter 4-T (904)



FCR192A

∅	A	B	C	D		Kg		ABS
438	45.0	38.0	127	195	10xM16	35.0		

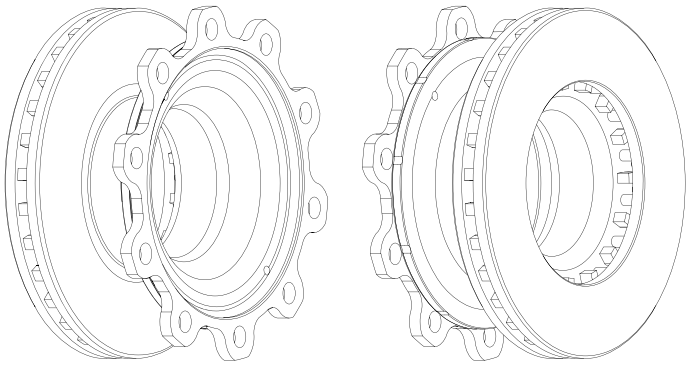
CAETANO PSV Enigma 12m, Porto 12m
DENNIS Arrow, Eagle, Fire Engines
VOLVO B 10-Series:, B 12-Series:, B-Series:, Citybus, TX (8000.9000)



FCR193A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	159	290	10x23 2x9.7	28.0		

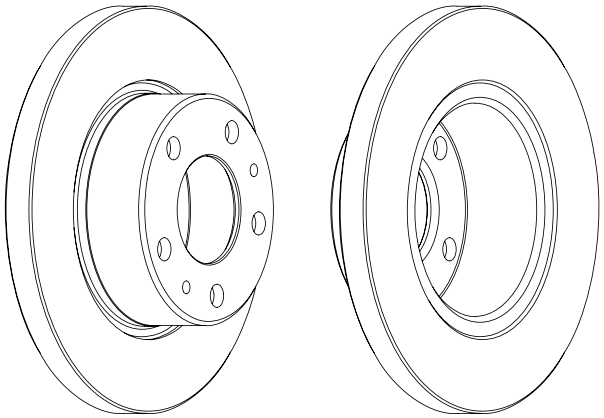
BPW Eco Plus SB/SN6 (SB3745)

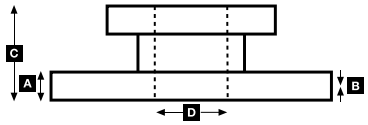


FCR194A

∅	A	B	C	D		Kg		ABS
276	22.0	20.4	72	73	5x15.7 2x8.7	8.0		

IVECO Daily II 99→06

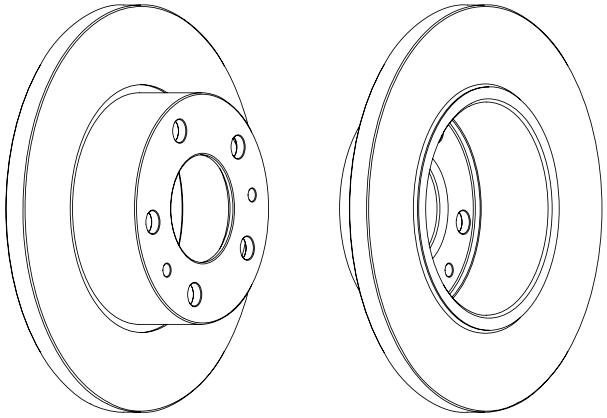




FCR195A

∅	A	B	C	D		Kg		ABS
276	16.0	13.0	67	73	5x15.6 2x8.7	11.0		

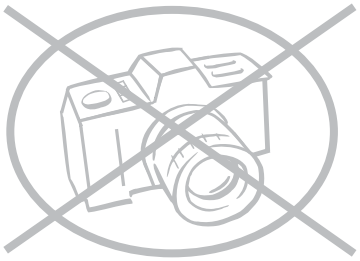
IVECO Daily II 99→06



FCR198A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	132	203	10xM14	34.2		

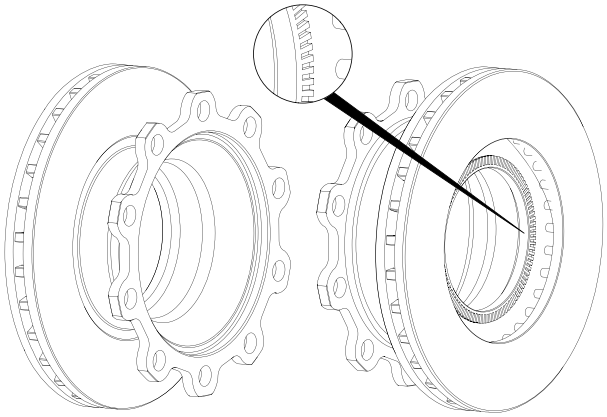
LIAZ 400



FCR199A

∅	A	B	C	D		Kg		ABS
430	45.0	38.0	155	280	10x26.5	36.2		✓

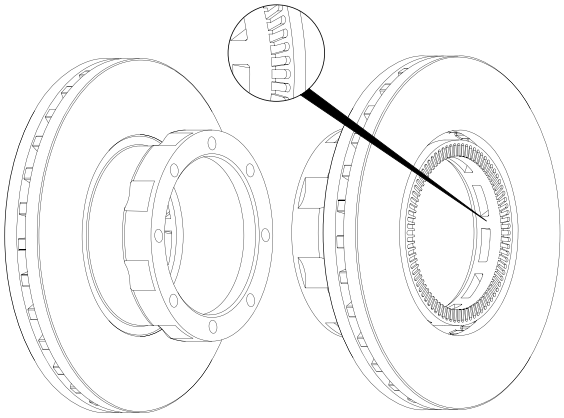
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), SMB



FCR200A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	138	169	8xM14	27.0		✓

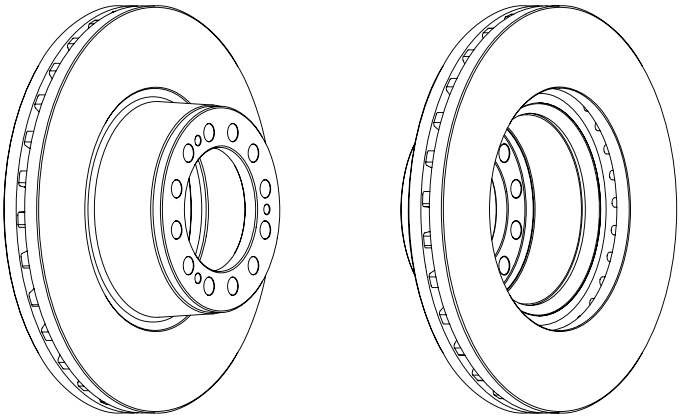
CRANE FRUEHAUF All
GIGANT GROUP S.A.E. (Dupillier), SMB



FCR201A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	130	131	12x19 3xM12	33.0		

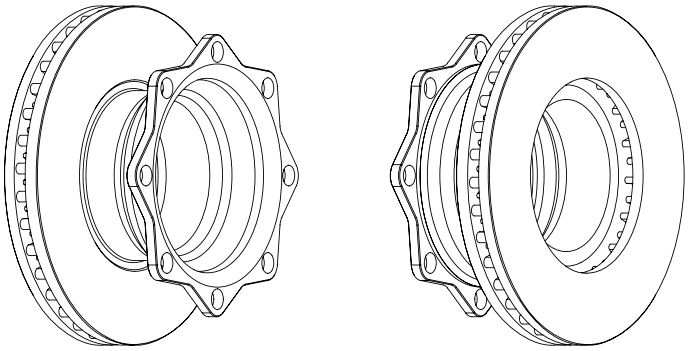
SAF All

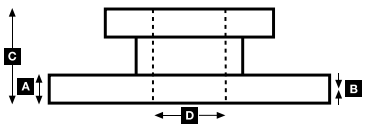


FCR202A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	157	169	8x23	27.0		

GIGANT GROUP S.A.E. (Dupillier)
SAF All



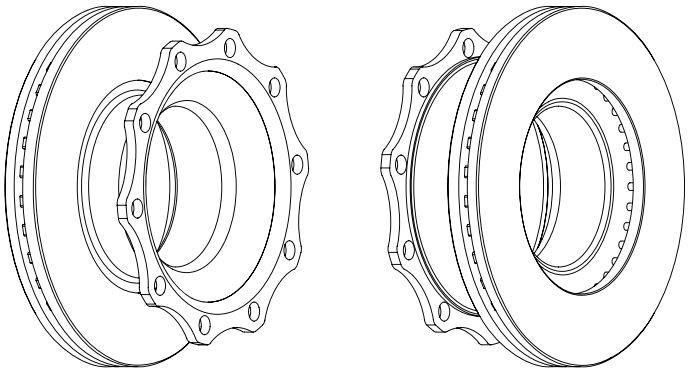


FERODO

FCR203A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	160	192	10x23	38.8		

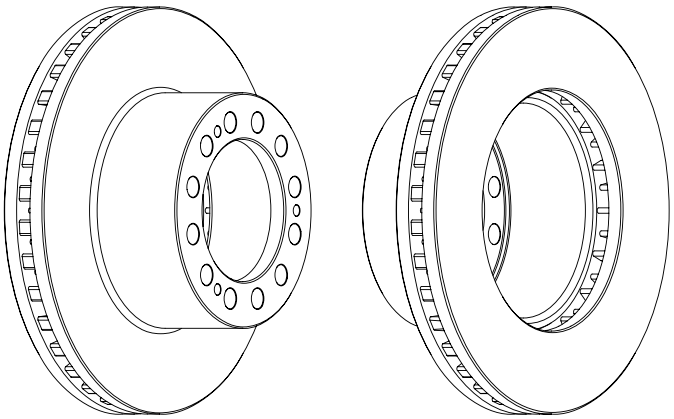
SAF All



FCR204A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	139	131	12x19 3xM12	25.4		

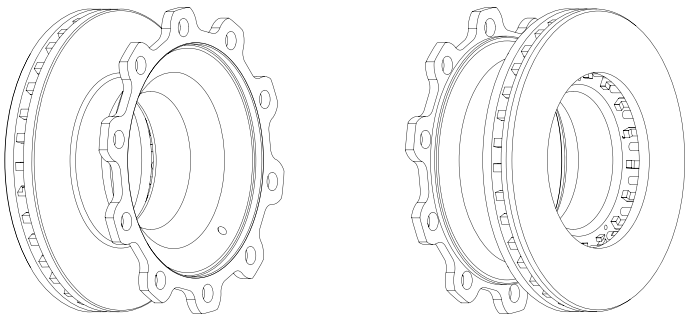
SAF All



FCR205A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	159	290	10x23 2x10 5xM6	27.9		✓

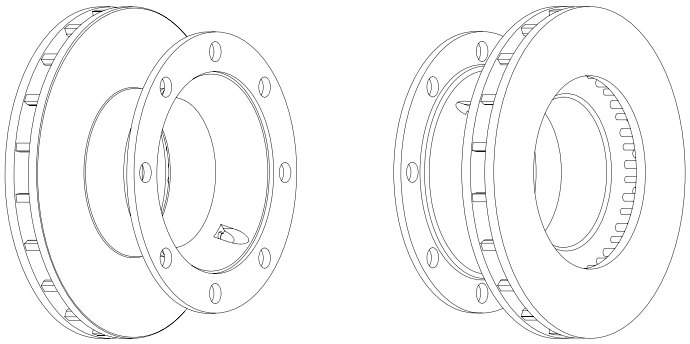
BPW Eco Max SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)



FCR206A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	159	230	8x23 2x10.5 5xM6	27.0		✓

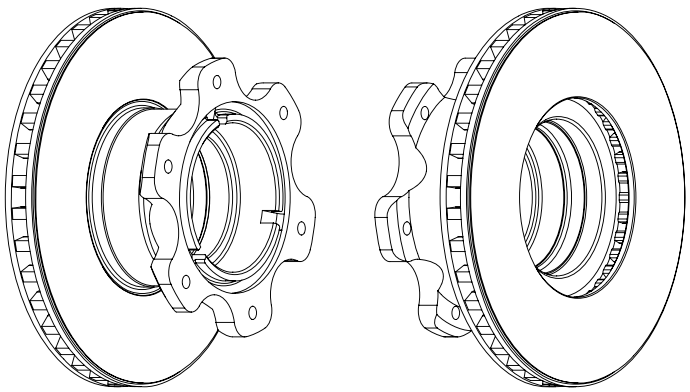
BPW SKH Series SB/SN6 (SB3745)
MERCEDES-BENZ Tourino (O 510)



FCR208A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	120	120	6xM12	14.0		

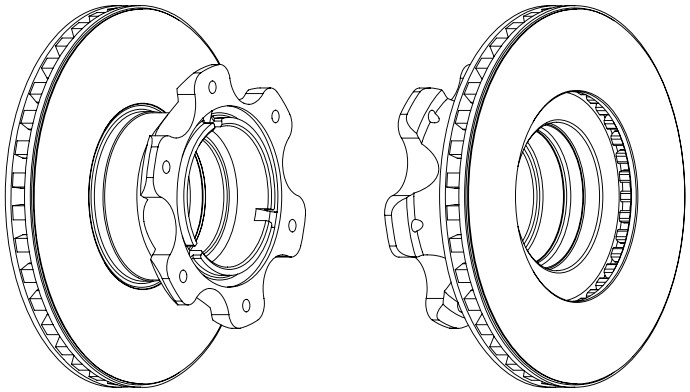
MERCEDES-BENZ Vario

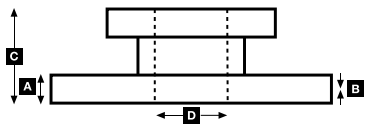


FCR209A

∅	A	B	C	D		Kg		ABS
324	30.0	27.8	120	120	6xM12	15.0		

MERCEDES-BENZ Vario

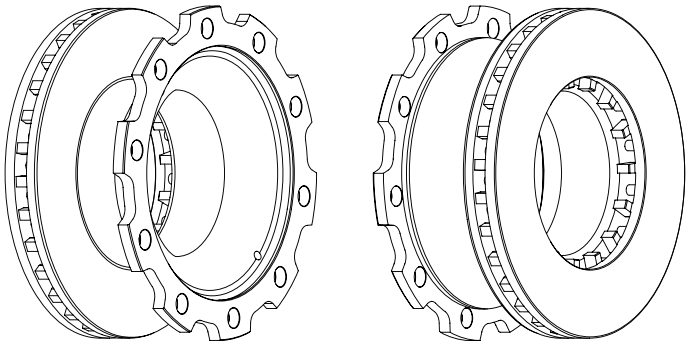




FCR210A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	169	290	10x23 2x9.8	29.0		

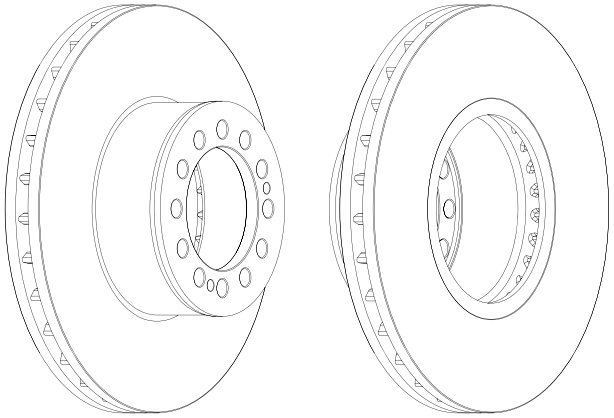
BPW SKH Series SB/SN6 (SB3745)



FCR214A

∅	A	B	C	D		Kg		ABS
432	45.0	40.0	130	131	12x19 3xM12	36.0		

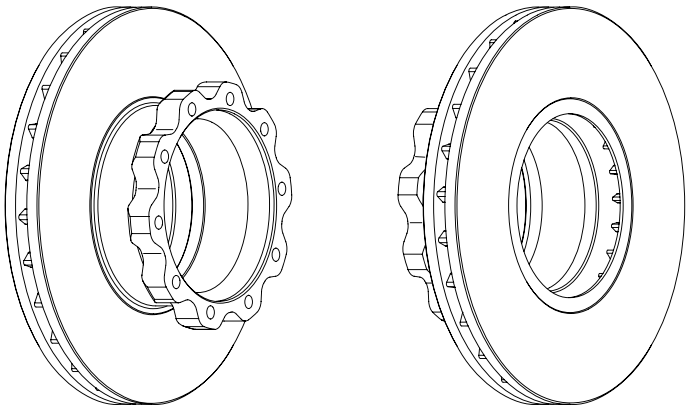
MAN TG-A Series:, TGM Series, TGS, TGX



FCR215A

∅	A	B	C	D		Kg		ABS
432	45.0	40.0	135	208	10xM16	37.0		

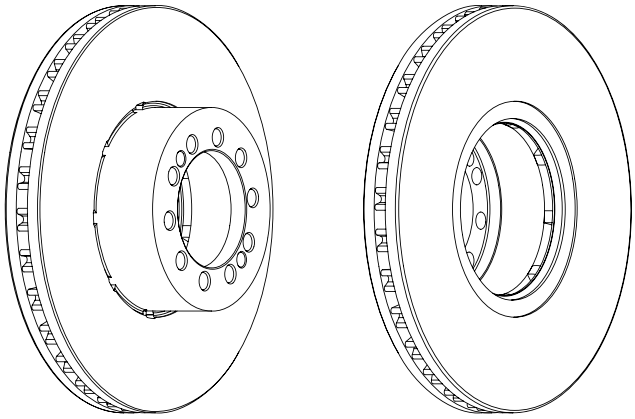
ERF ECS/ECT/ECX
MAN F2000-Series, Lion's City G, GL, GXL, Lion's City M,
Lion's City Ü, ÜLL, NÜ, Lion's Coach, Lion's Comfort, Lion's Star, M2000-L Series,
M2000-M Series, M2000-Series (ME Evolution), TG-A Series:, TGM Series, TGS, TGX, UL



FCR218A

∅	A	B	C	D		Kg		ABS
330	34.0	30.0	80	95	10x15 2xM12	15.0		

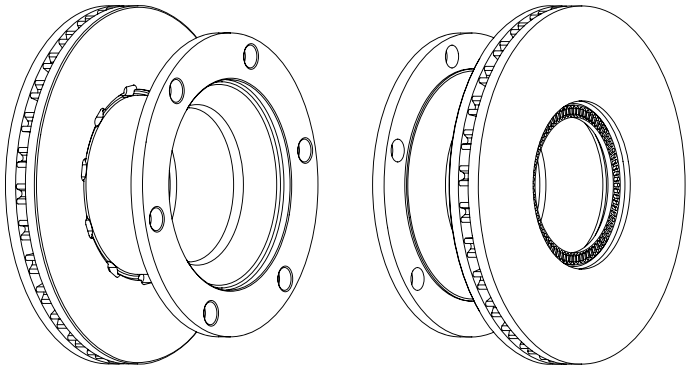
RENAULT TRUCKS Midlum Series



FCR219A

∅	A	B	C	D		Kg		ABS
330	34.0	28.0	137	194	6x21	20.0		✓

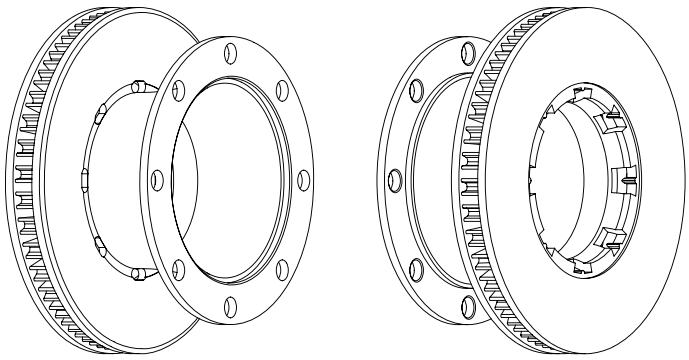
RENAULT TRUCKS Midlum Series

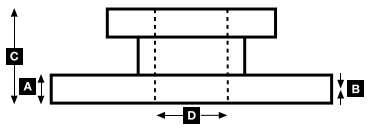


FCR220A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	167	222	8x22.5	30.2		✓

RENAULT TRUCKS Midlum Series



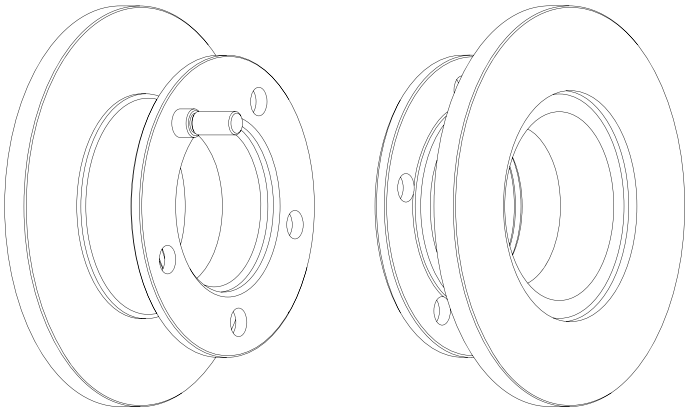


FERODO

FCR221A

∅	A	B	C	D		Kg		ABS
238	16.0	14.5	79	102	5xM14	6.5	5xM14x1.5 41.5mm	

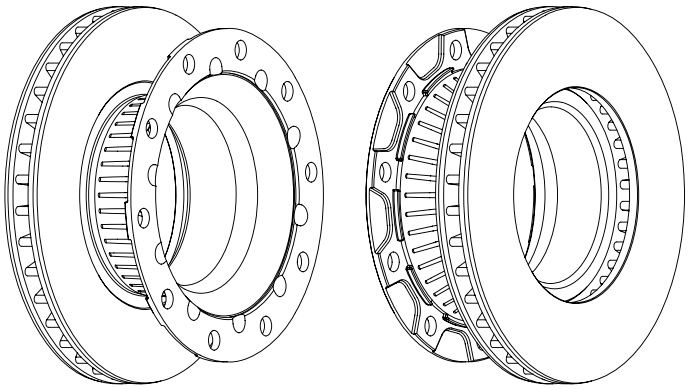
MERCEDES-BENZ MB100



FCR222A

∅	A	B	C	D		Kg		ABS
430	45.0	38.0	160	201	10x22.5	33.0		

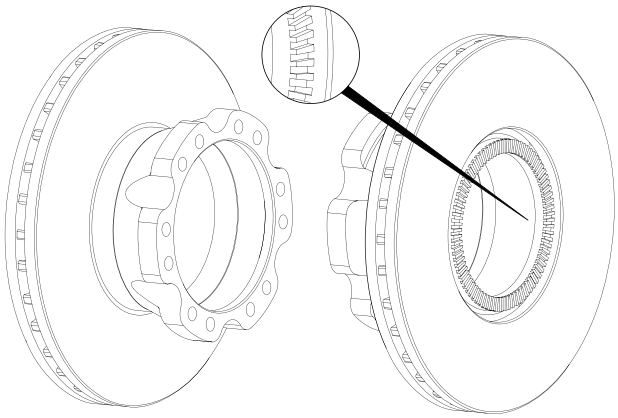
BPW Eco Plus SB/SN7 (SB4345), Eco Plus SK7 (SB4309), SH Series SB/SN7 (SB4345)



FCR226A

∅	A	B	C	D		Kg		ABS
330	34.0	30.0	119	150	12xM12x1.175	18.0		✓

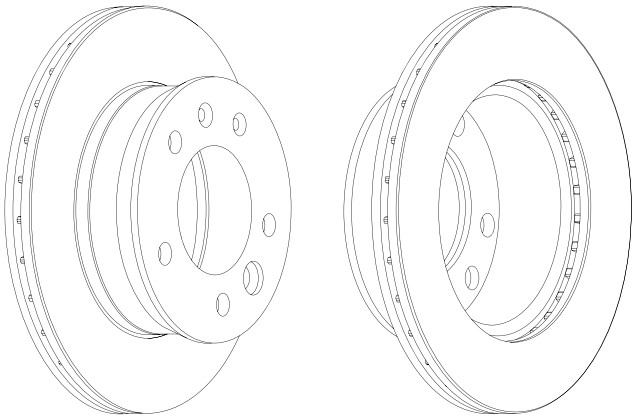
DAF LF 45



FCR228A

∅	A	B	C	D		Kg		ABS
276	22.0	19.0	77	85	5x15 1x9/17 1x16/23	6.8		

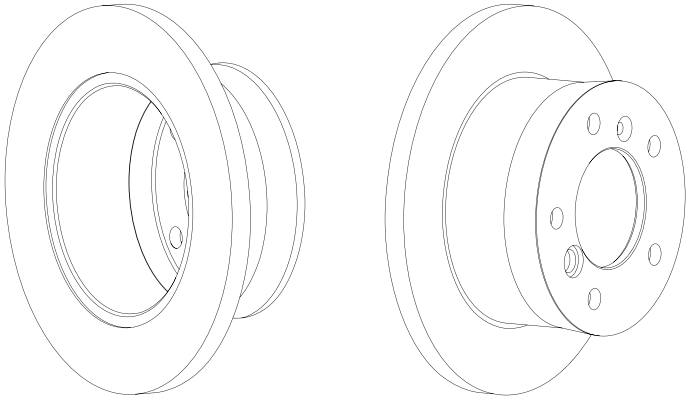
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 ton), Sprinter Mini Bus (4,6 ton)
MULTICAR Fumo
VOLKSWAGEN LT II (2DX0FE)

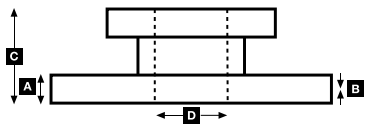


FCR229A

∅	A	B	C	D		Kg		ABS
272	16.0	14.0	96	85 1x16/23	5x15 1x9/17	6.9		

MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903), Sprinter 4-T (904), Sprinter Mini Bus (3,5 ton), Sprinter Mini Bus (4,6 ton)
MULTICAR Fumo
VOLKSWAGEN LT II (2DX0FE)

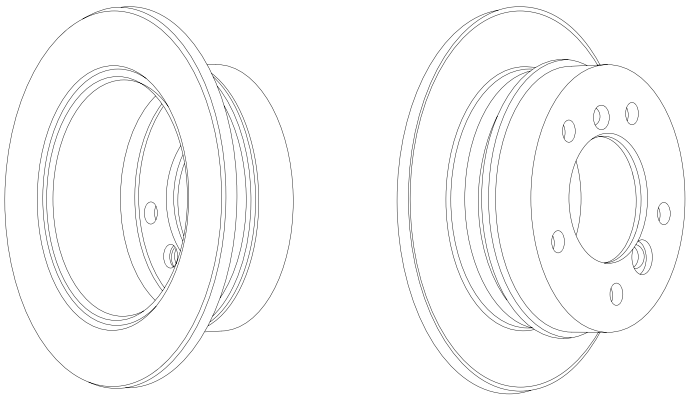




FCR230A

∅	A	B	C	D		Kg		ABS
258	12.0	10.0	96	85	5x15 1x9/17 1x16/23	6.2		

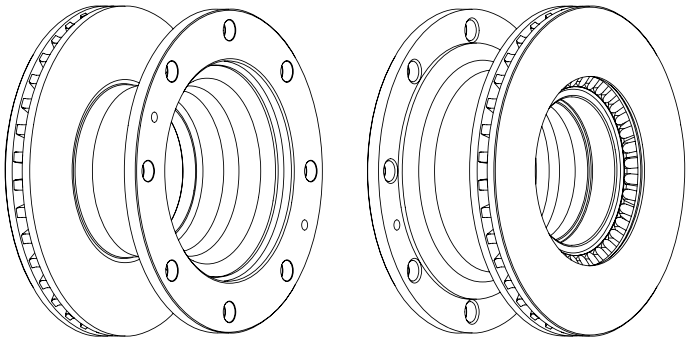
MERCEDES-BENZ Sprinter 2-T (901, 902), Sprinter 3-T (903)
VOLKSWAGEN LT II (2DX0FE)



FCR231A

∅	A	B	C	D		Kg		ABS
322	30.0	27.0	134	215	8x20.15 2xm10	20.1	86mm	

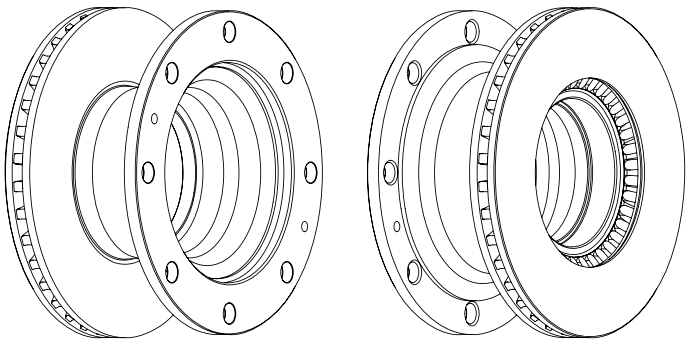
IVECO EuroCargo, EuroCargo Tector



FCR232A

∅	A	B	C	D		Kg		ABS
322	30.0	27.0	134	215	8x20.15 2xm10	17.6	79mm	

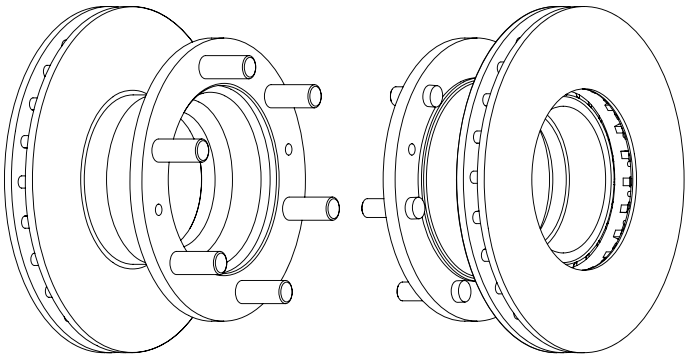
IVECO EuroCargo, EuroCargo Tector



FCR233A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	128	165	6x18.15 2xM10	13.9	6 x65mm	

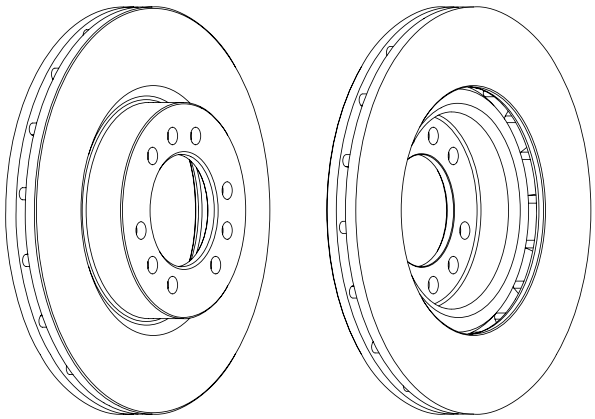
IVECO EuroCargo, EuroCargo Tector



FCR235A

∅	A	B	C	D		Kg		ABS
290	26.0	23.0	53	80	9x12.5	7.4		

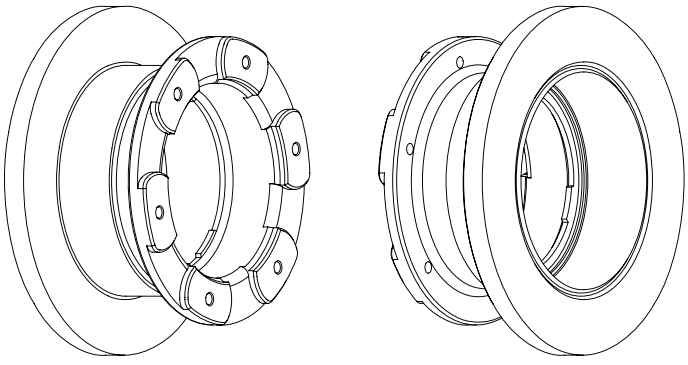
IVECO Daily II 99→06

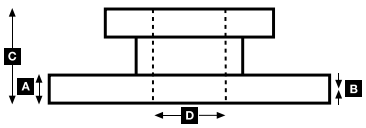


FCR236A

∅	A	B	C	D		Kg		ABS
306	22.0	19.0	136	178	6xM10	13.7		

IVECO Daily II 99→06



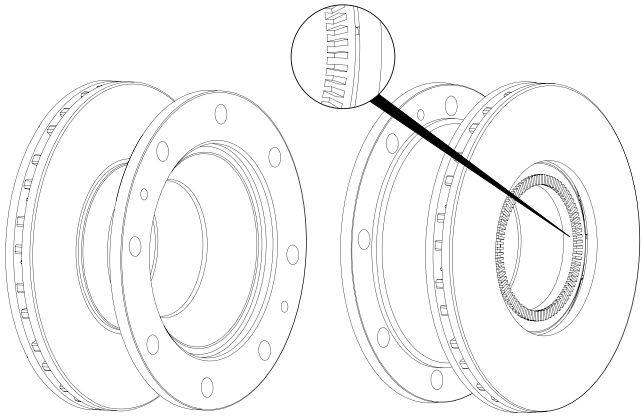


FERODO

FCR237A

∅	A	B	C	D		Kg		ABS
330	34.0	28.0	141	215	8x20 2xM10	23.2		✓

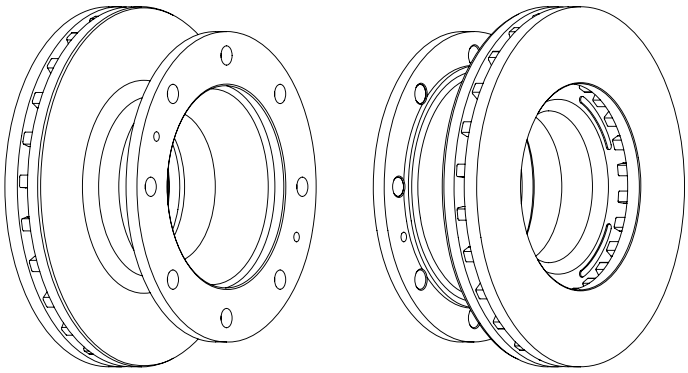
IVECO EuroCargo, EuroCargo Tector
PERROT BREMSEN (WABCO) All



FCR238A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	151	215	8xM20 2xM10	33.0	8xM20x1.5 85mm	

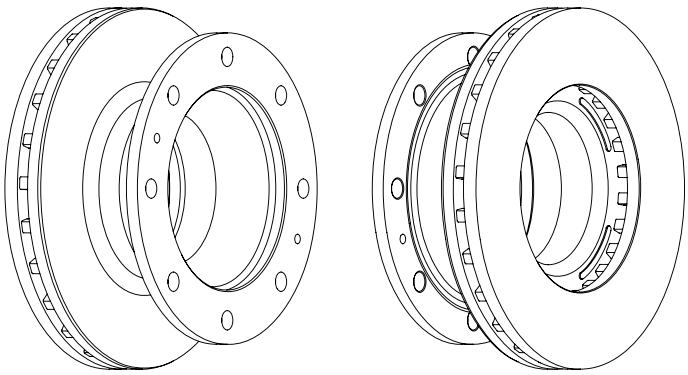
IRISBUS Iveco Midway
IVECO EuroCargo, EuroCargo Tector



FCR239A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	151	215	8xM22 2xM10	32.6	8xM22x1.5 87mm	

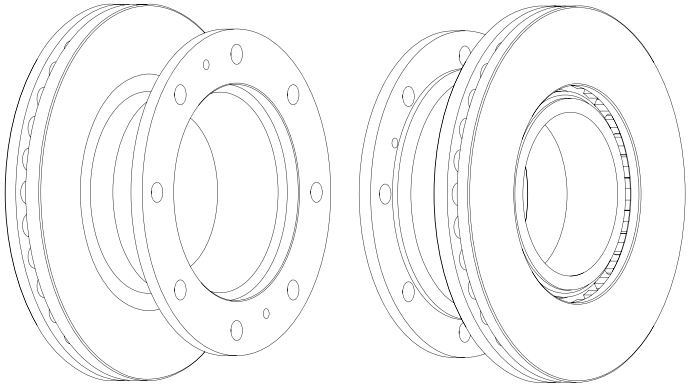
IVECO EuroCargo, EuroCargo Tector



FCR240A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	151	225	8xM20 2xM10	31.0	M20x1.5 85mm	✓

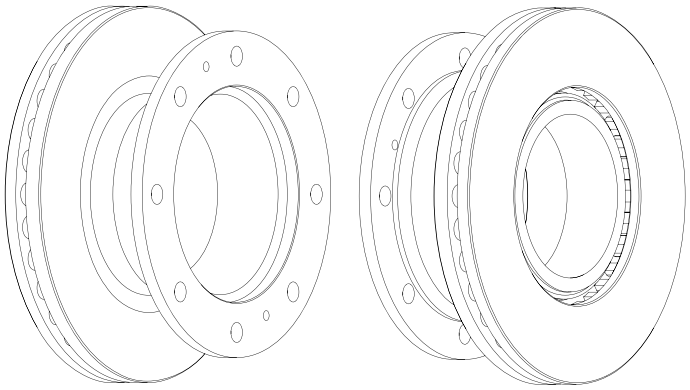
IVECO EuroCargo, EuroCargo Tector



FCR241A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	151	225	8xM22 2xM10	31.0	M22x1.5 87mm	✓

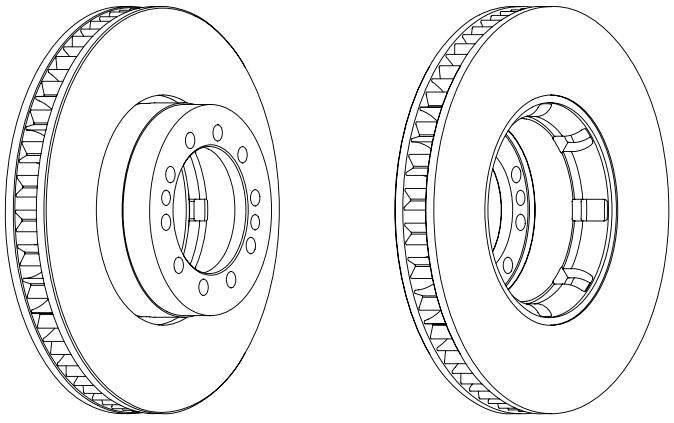
IVECO EuroCargo, EuroCargo Tector

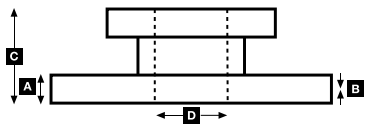


FCR242A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	99	168	10x15 2xM14x2	23.8		

RENAULT TRUCKS Midlum Series, New Midlum Series

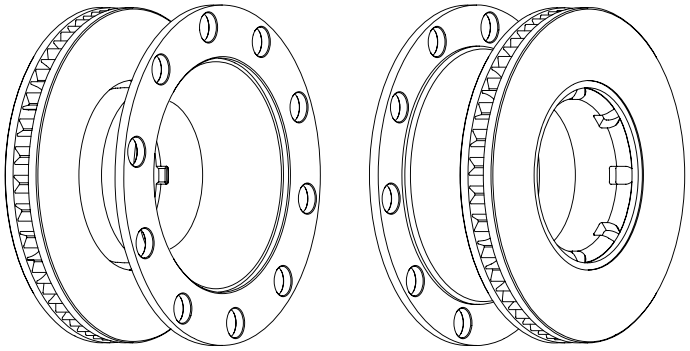




FCR243A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	166	262	10x33	31.1		

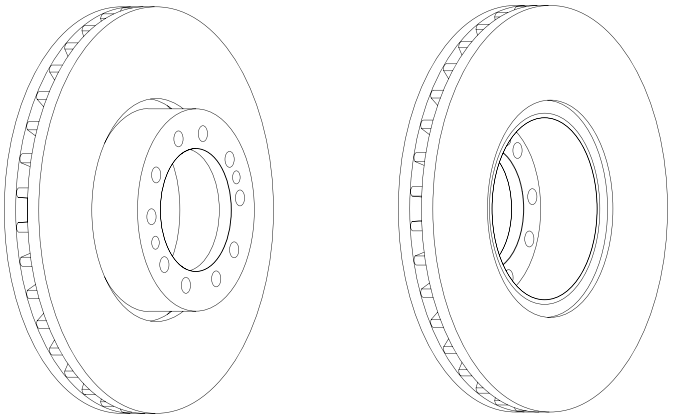
RENAULT TRUCKS Midlum Series, New Midlum Series



FCR244A

∅	A	B	C	D		Kg		ABS
434	45.0	38.0	97	131	10x17 2xM14	33.0		

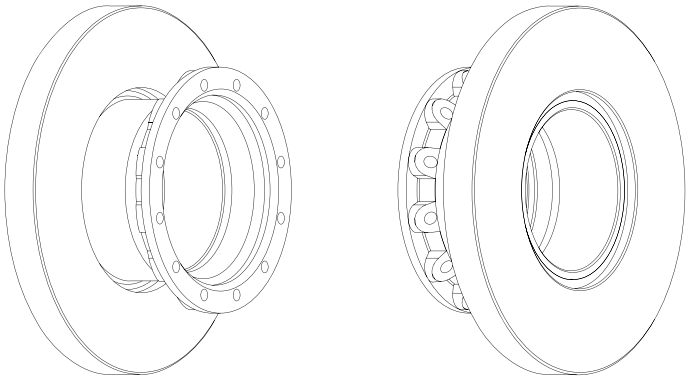
RENAULT TRUCKS Magnum E.Tech, Magnum/AE Series, Major/R Series, Manager/G Series, Premium Distribution, Premium Route



FCR245A

∅	A	B	C	D		Kg		ABS
434	45.0	38.0	160	224	12xM14	47.0		

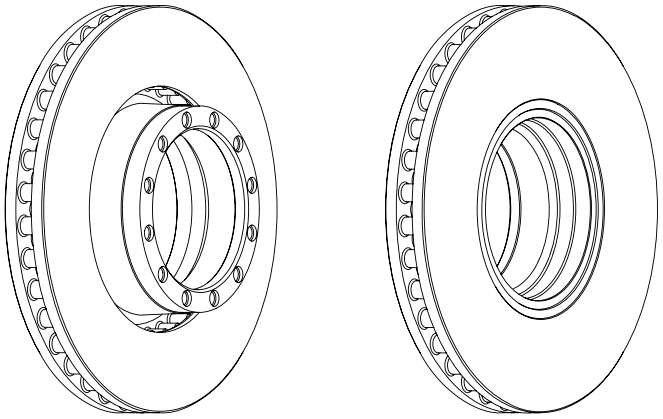
RENAULT TRUCKS Magnum E.Tech, Premium Distribution, Premium Route



FCR251A

∅	A	B	C	D		Kg		ABS
430	50.0	46.0	102	170	12	34.6	M16	

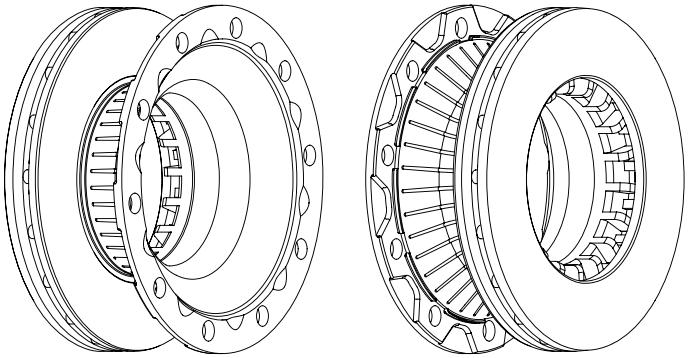
IVECO EuroCargo, EuroStar, EuroTech MH, EuroTech MP, EuroTech MT



FCR252A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	160	189	10x22.2	29.0		

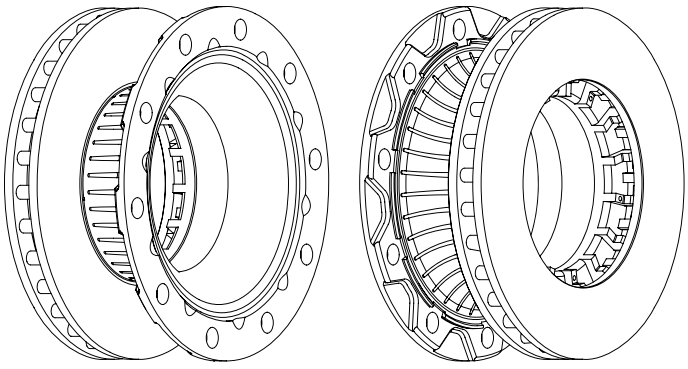
BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)

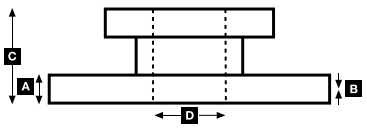


FCR253A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	159	189	10x22.5	29.0		

BPW Eco Max SB/SN6 (SB3745), Eco Plus SB/SN6 (SB3745), SKH Series SB/SN6 (SB3745)



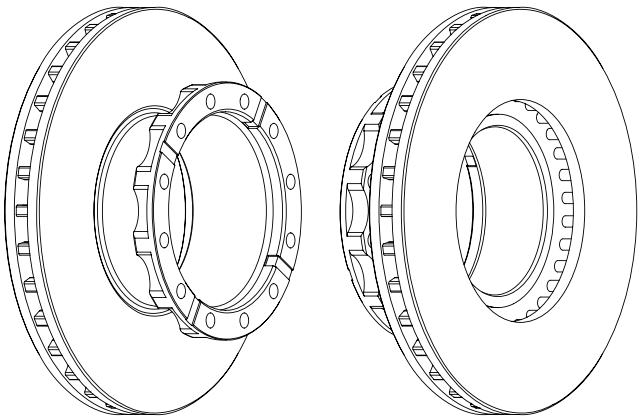


FERODO

FCR254A

∅	A	B	C	D		Kg		ABS
432	45.0	37.0	139	210	12xM16x2	37.7		

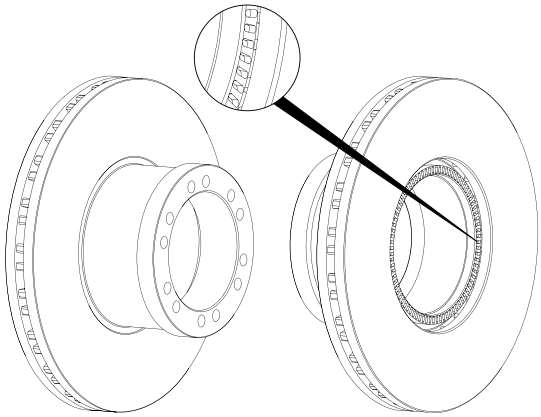
IRISBUS Iveco MyWay
IVECO EuroCargo, EuroCargo Tector, EuroStar, EuroTech MH, EuroTrakker/EuroTrakker Cursor, Stralis



FCR255A

∅	A	B	C	D		Kg		ABS
330	34.0	30.0	123	117	12xM12x1.75	18.0		✓

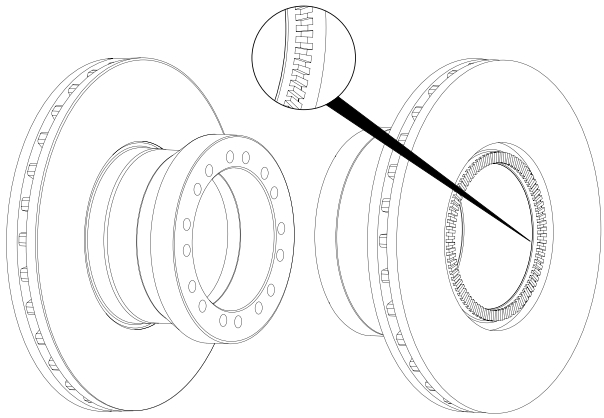
DAF LF 45



FCR256A

∅	A	B	C	D		Kg		ABS
330	34.0	30.0	143	133	16xM12x1.75	19.3		✓

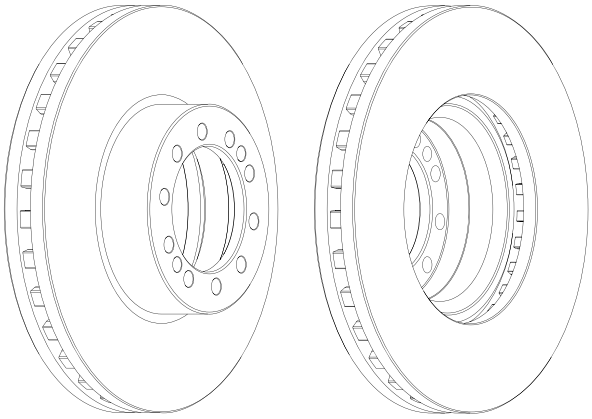
DAF LF 45



FCR257A

∅	A	B	C	D		Kg		ABS
375	45.0	43.0	99	117	10x15 2xM14x2	23.4		

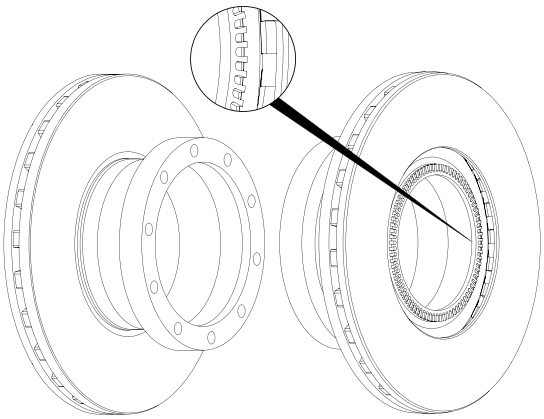
DAF LF 55



FCR258A

∅	A	B	C	D		Kg		ABS
375	45.0	37.0	146	179	10xM14	29.0		✓

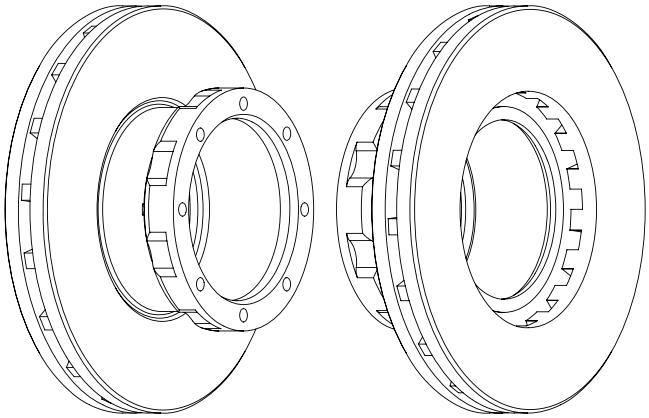
DAF LF 55

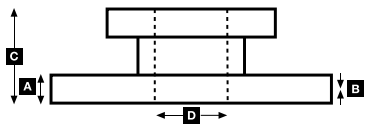


FCR260A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	138	169	8xM14	26.4		

GRANNING LYNX All
MERCEDES-BENZ Atego I

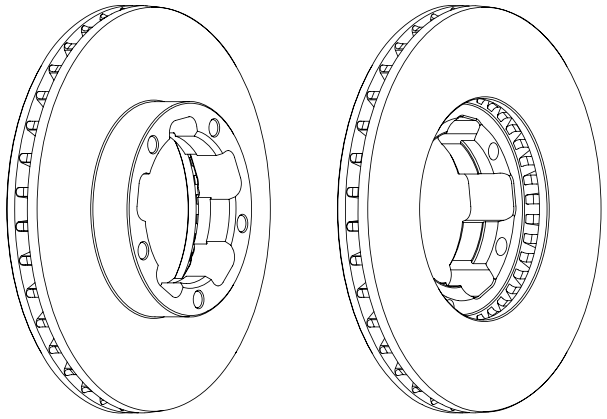




FCR261A

∅	A	B	C	D		Kg		ABS
276	24.0	22.0	49.5	96	5	7.1		

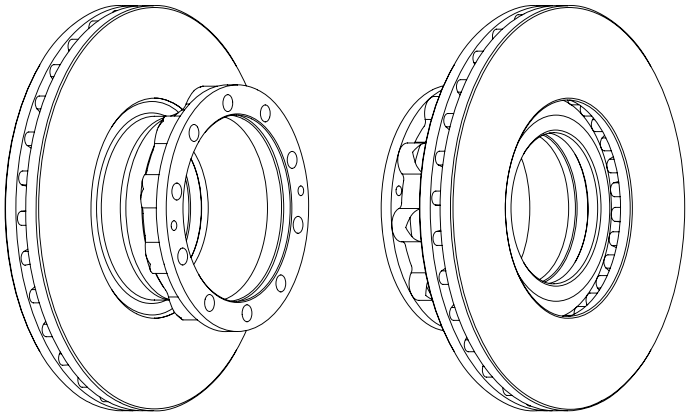
NISSAN Cabstar E



FCR272A

∅	A	B	C	D		Kg		ABS
335	34.0	30.0	118	154	2xM8 10xM14x1.5	17.0		

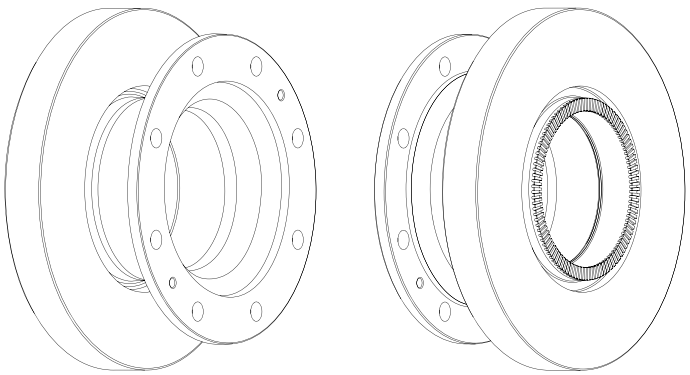
MAN TGL Series



FCR278A

∅	A	B	C	D		Kg		ABS
375	45.0	37.0	150	225	8x20 2xM10	37.7		

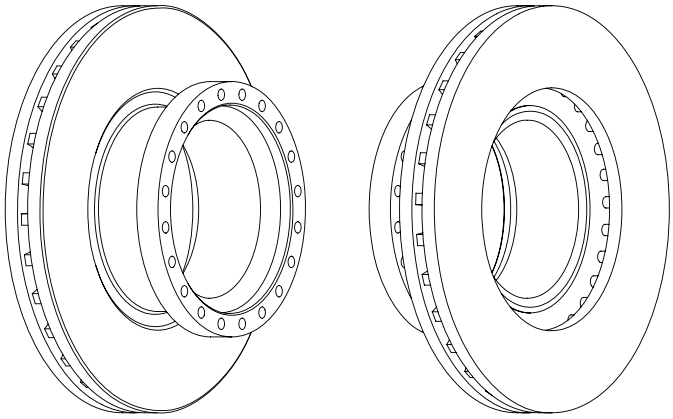
SOR SOR 9.5, SOR 10.5



FCR282A

∅	A	B	C	D		Kg		ABS
429	45.0	37.0	131	220	20xM12	35.5		

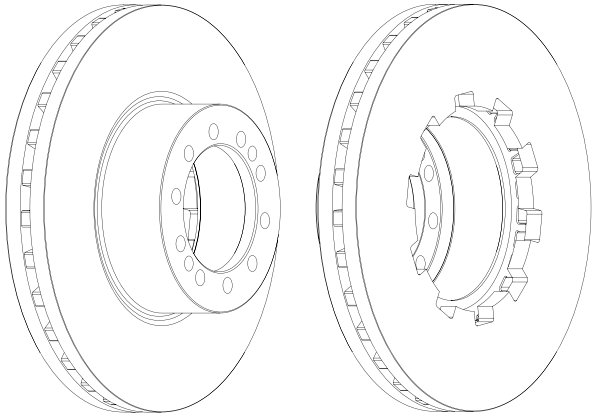
BOVA Futura, Futura (3-Axle)



FCR283A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	112	117	10x15 2M14	24.9		

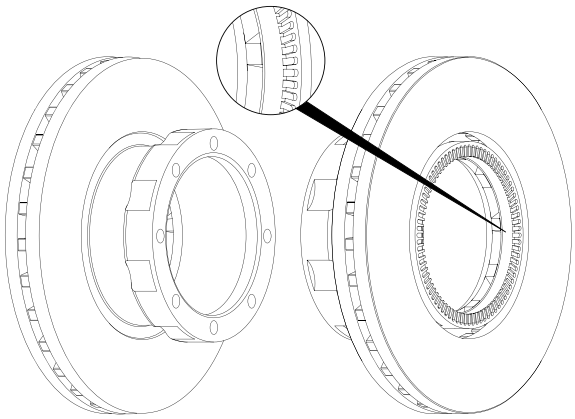
DAF SB200

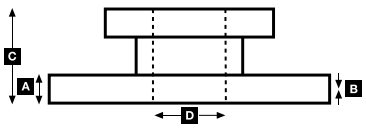


FCR284A

∅	A	B	C	D		Kg		ABS
377	45.0	38.0	138.5	169	8xM14	27.1		✓

DAF SB200



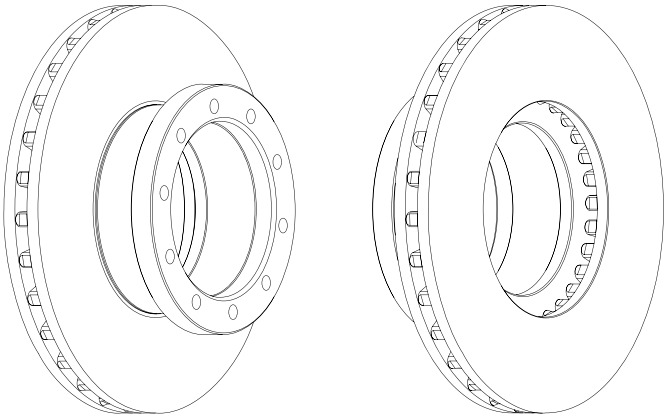


FERODO

FCR285A

∅	A	B	C	D		Kg		ABS
440	45.0	38.0	135	190	10 x M16	35.0		

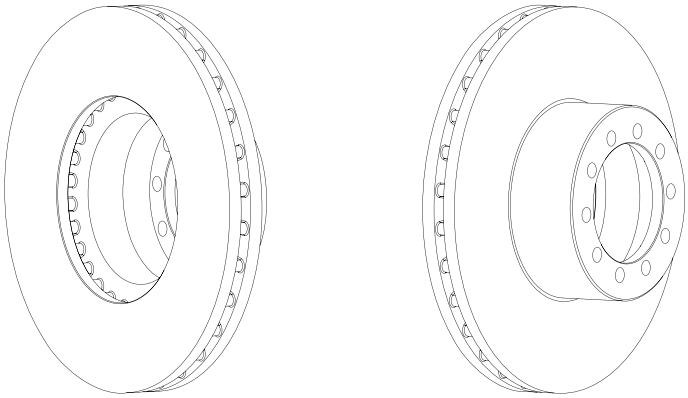
DENNIS Javelin Coach



FCR286A

∅	A	B	C	D		Kg		ABS
438	45.0	38.0	130	136	10x17.2	35.0		

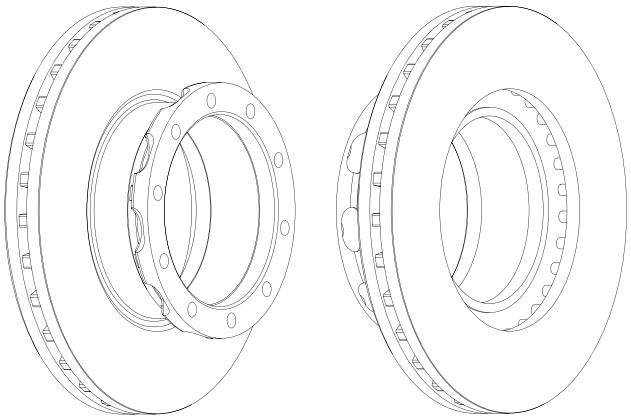
DENNIS Elite



FCR288A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	131	200	10xM16	34.5		

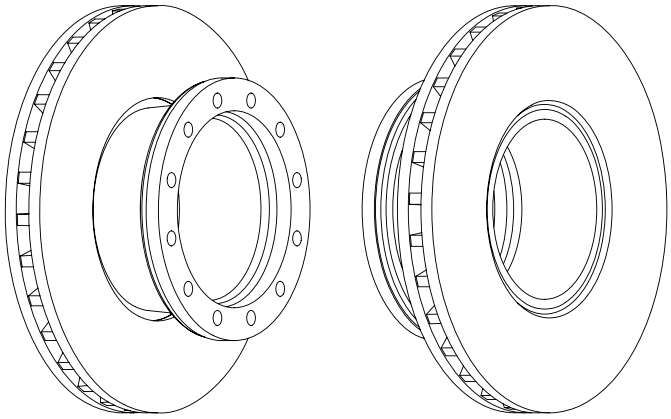
DENNIS R Series, Trident II



FCR289A

∅	A	B	C	D		Kg		ABS
434	45.0	37.0	145.5	210	12xM16	38.3		

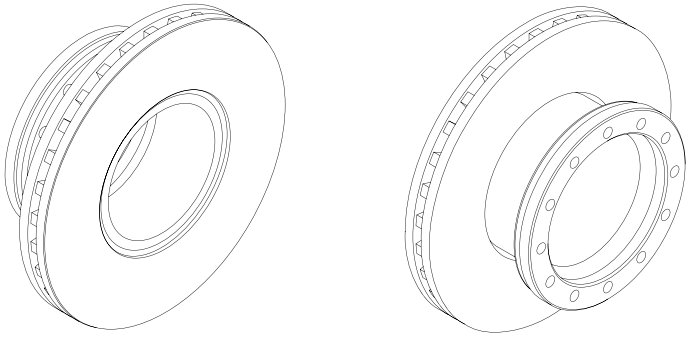
ERF ECS/ECT/ECX



FCR290A

∅	A	B	C	D		Kg		ABS
434	45.0	38.0	149	210	12xM16	38.0		

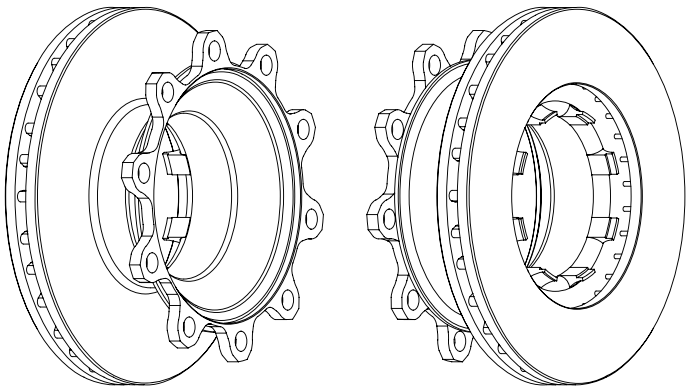
ERF ECS/ECT/ECX

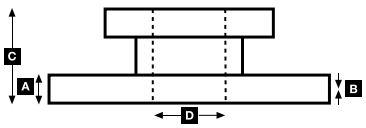


FCR293A

∅	A	B	C	D		Kg		ABS
430	45.0	38.0	160	290	10x23	34.5		

GIGANT GROUP Trenkamp & Gehle

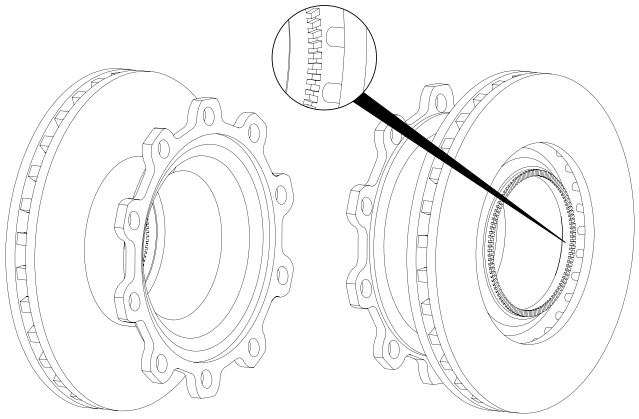




FCR294A

∅	A	B	C	D		Kg		ABS
430	45.0	38.0	160	290	10x23	37.4		✓

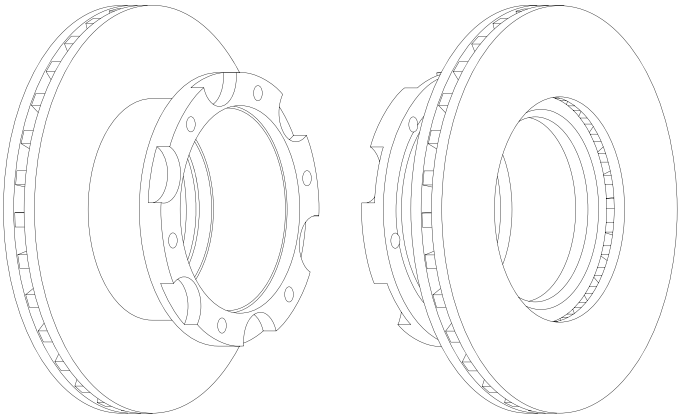
GIGANT GROUP Trenkamp & Gehle



FCR306A

∅	A	B	C	D		Kg		ABS
322	30.0	28.0	115	164	6xM12	15.0		

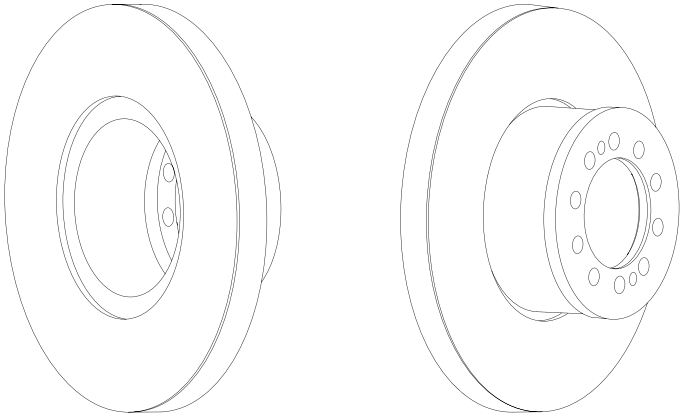
VOLVO FL 4 Series:



FCR303A

∅	A	B	C	D		Kg		ABS
337	30.0	28.0	100	91.5	10x14.5 2xM10	18.3		

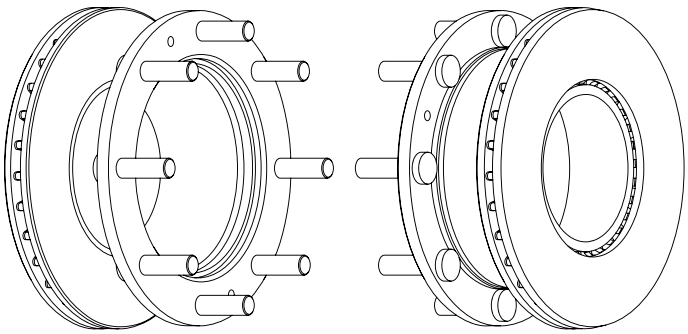
VOLVO FL 6-Series:



FCR307A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	151	225	8xM20 2xM10	33.6	72mm	✓

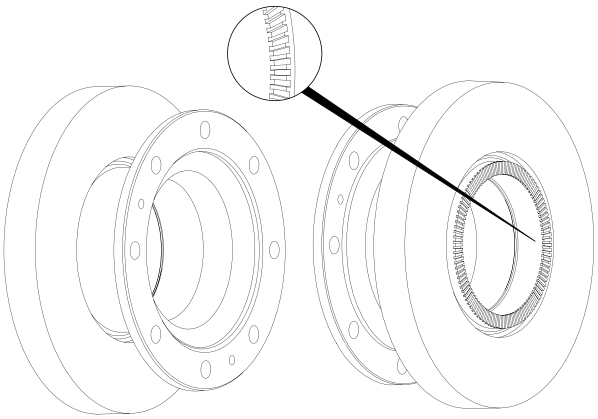
IVECO EuroCargo, EuroCargo Tector



FCR305A

∅	A	B	C	D		Kg		ABS
375	45.0	38.0	150	225	8x20 + 2xM10	36.5		✓

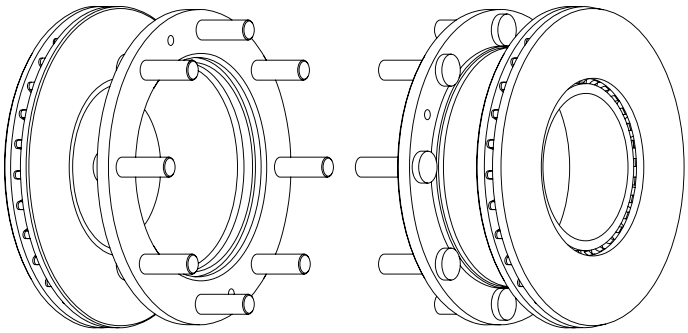
VOLVO FL 6-Series:

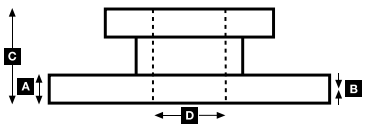


FCR308A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	151	225	8xM22 2xM10	34.1	72mm	✓

IVECO EuroCargo Tector



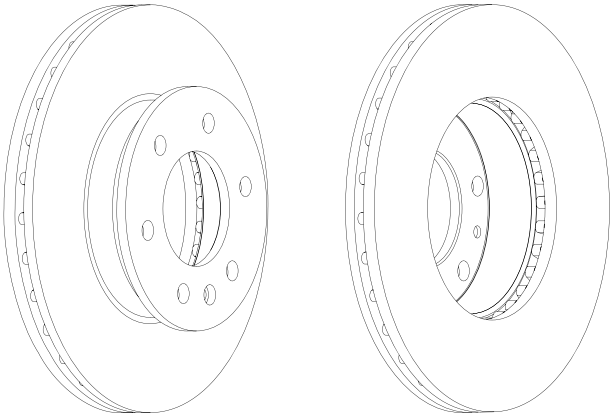


FERODO

FCR310A

∅	A	B	C	D		Kg		ABS
300	28.0	26.0	68.5	85	6x15 1x9	9.2		

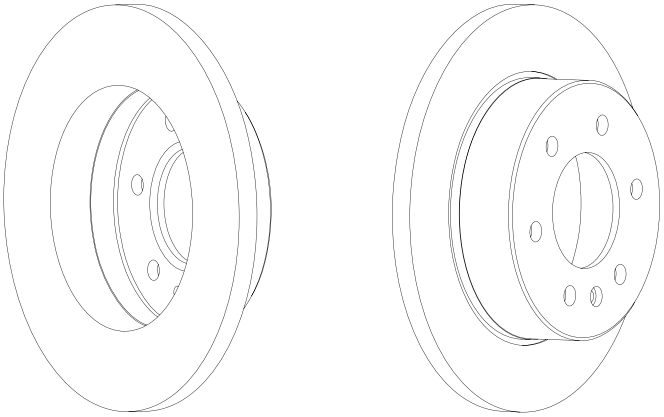
MERCEDES-BENZ Sprinter 3-T (906), Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T, Crafter 5 T



FCR311A

∅	A	B	C	D		Kg		ABS
298	16.0	14.8	71	85	6x15 1x9	7.3		

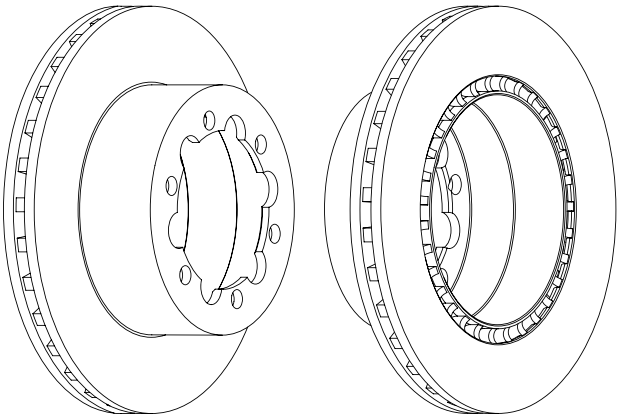
MERCEDES-BENZ Sprinter 3-T (906), Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 3 T



FCR312A

∅	A	B	C	D		Kg		ABS
303	28.0	26.0	93	120	6x15	9.6		

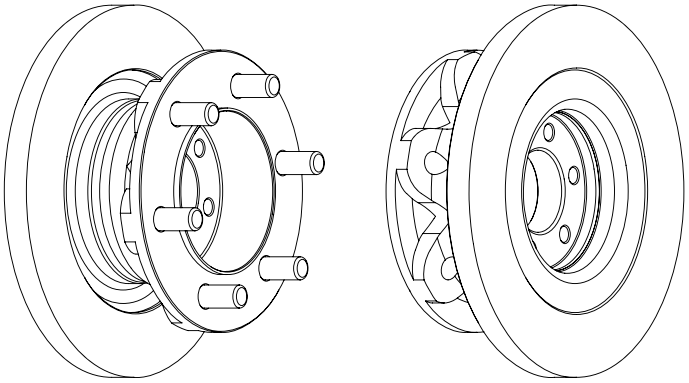
MERCEDES-BENZ Sprinter 4-T (906), Sprinter 5-T (906)
VOLKSWAGEN Crafter 5 T



FCR313A

∅	A	B	C	D		Kg		ABS
290	22.0	19.0	110.5	123	6	14.8	6xM18x1.5	

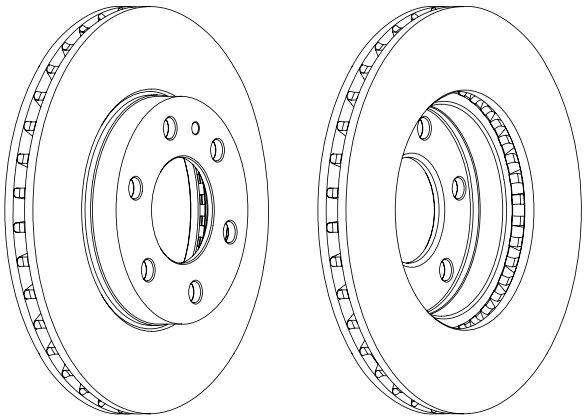
IVECO Daily II 99→06



FCR314A

∅	A	B	C	D		Kg		ABS
300	28.0	25.0	74.5	78	6	8.6		

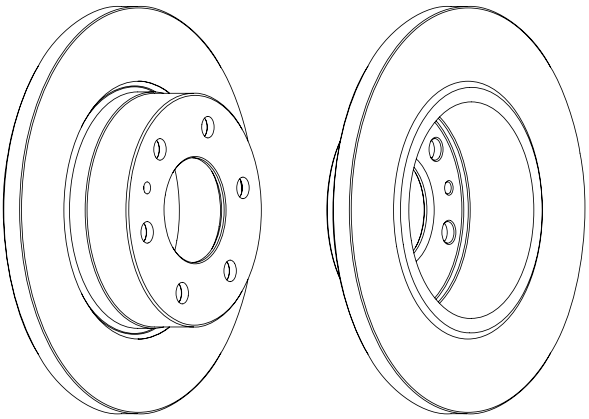
IVECO Daily III 06→

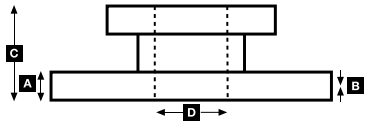


FCR315A

∅	A	B	C	D		Kg		ABS
296	16.0	13.0	69.5	76	6	7.6		

IVECO Daily III 06→

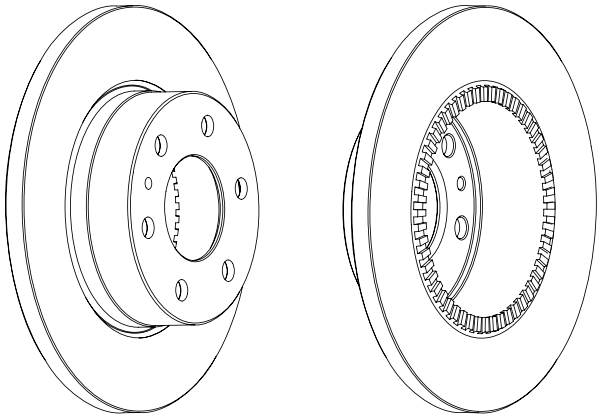




FCR316A

∅	A	B	C	D		Kg		ABS
296	16.0	13.0	69.5	76	6	7.6		✓

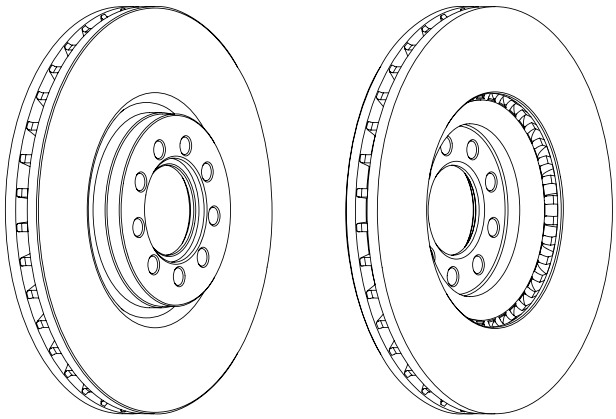
IVECO Daily III 06→



FCR317A

∅	A	B	C	D		Kg		ABS
290	28.0	25.0	46	64	9	8.5		

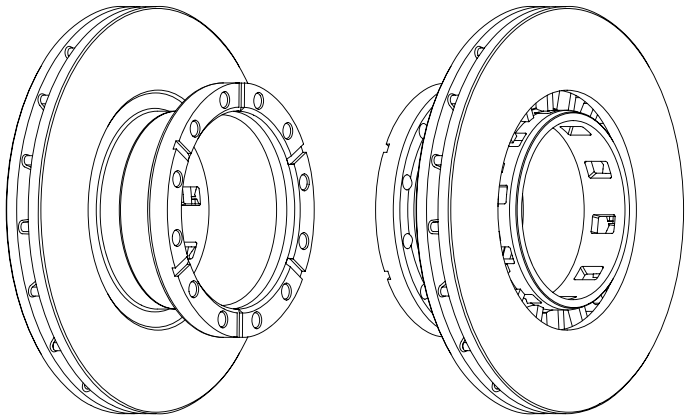
IVECO Daily III 06→



FCR318A

∅	A	B	C	D		Kg		ABS
432	45.0	37.0	154	210	12	38.0		✓

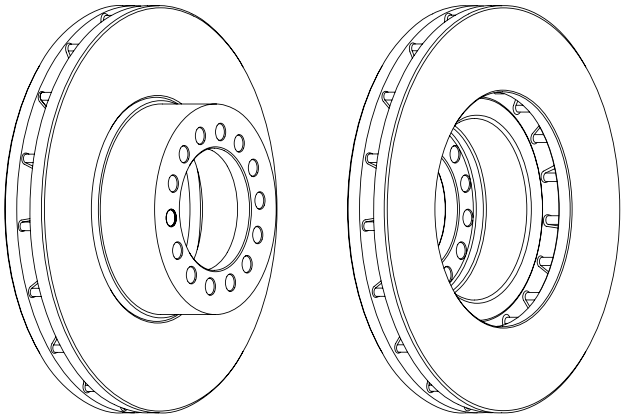
IVECO Stralis



FCR319A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	107	168	14	24.9		

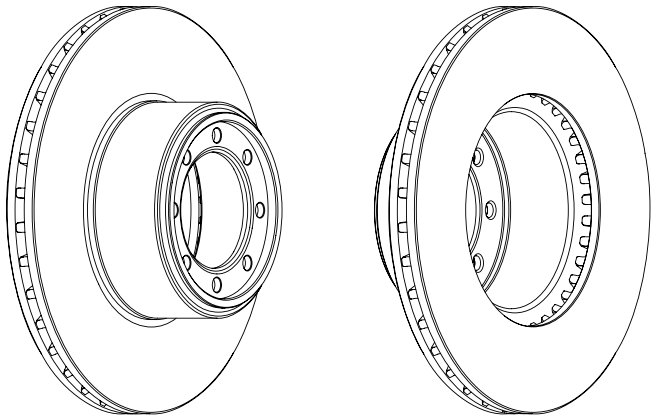
IVECO EuroCargo Tector



FCR320A

∅	A	B	C	D		Kg		ABS
294	24.0	21.0	83.5	128	8	8.3		

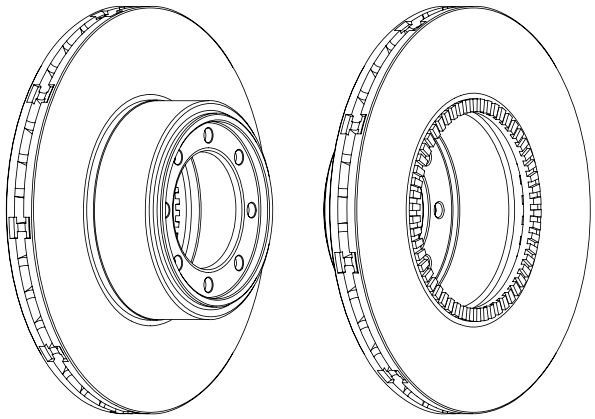
IVECO Daily III 06→

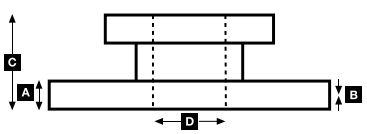


FCR321A

∅	A	B	C	D		Kg		ABS
294	24.0	21.0	87.5	128	8	8.7		✓

IVECO Daily III 06→



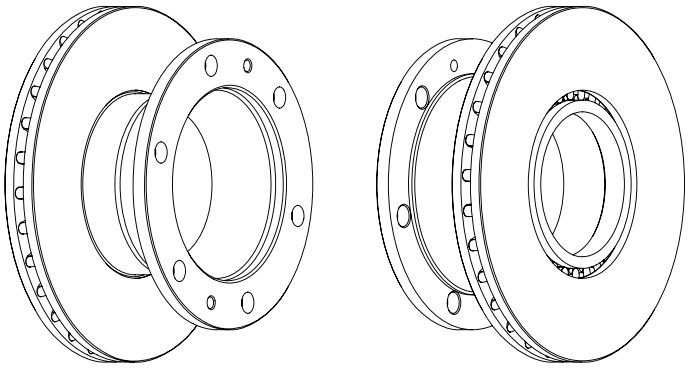


FERODO

FCR322A

∅	A	B	C	D		Kg		ABS
304	30.0	27.8	128.5	165	6	14.1		

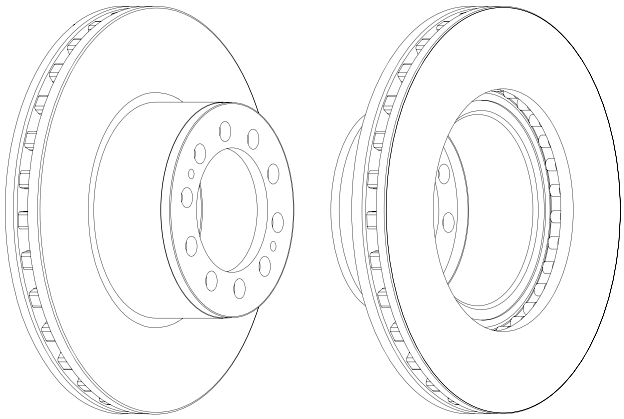
IVECO EuroCargo, EuroCargo Tector



FCR323A

∅	A	B	C	D		Kg		ABS
430	45.0	37.0	143	149	10x21 + 2xM12	34.9		

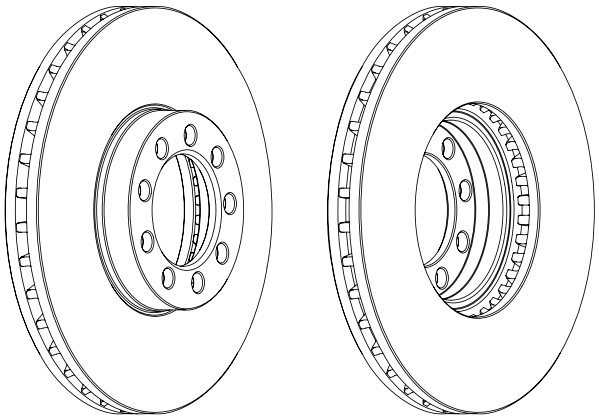
MERCEDES-BENZ Actros II/III



FCR329A

∅	A	B	C	D		Kg		ABS
301	30.0	27.0	59	83	9	10.7		

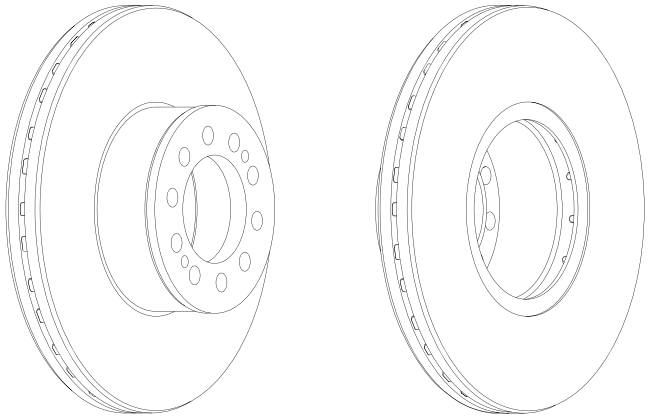
IVECO Daily III 06→



FCR330A

∅	A	B	C	D		Kg		ABS
335	34.0	30.0	93	90	10x15 2xM10	17.0		

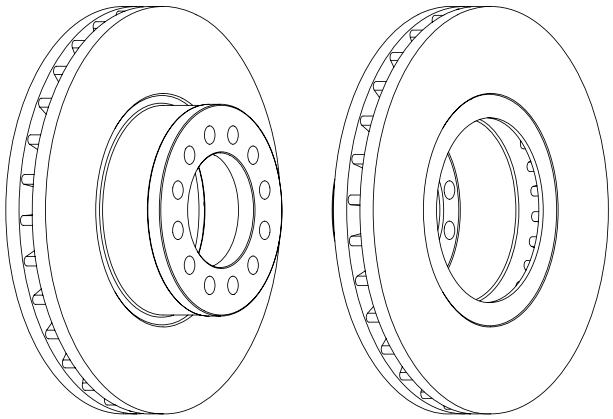
MAN TGL Series



FCR331A

∅	A	B	C	D		Kg		ABS
377	45.0	37.0	111	106	12x17	19.0		

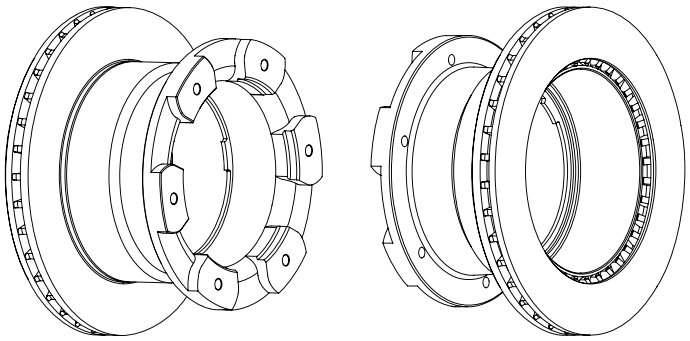
MAN TGM Series

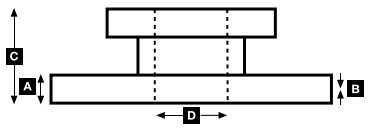


FCR332A

∅	A	B	C	D		Kg		ABS
306	28.0	25.0	132	178.2	6	13.3		

IVECO Daily III 06→

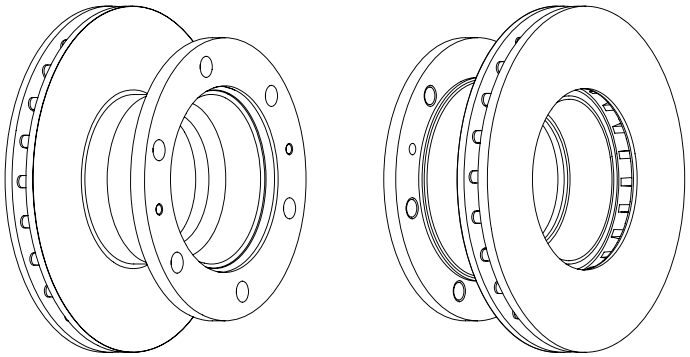




FCR338A

∅	A	B	C	D		Kg		ABS
330	32.0	29.0	129.5	185	6	17.9		

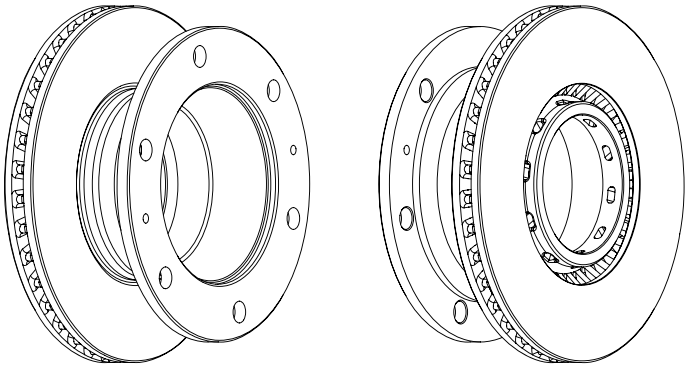
IVECO EuroCargo



FCR342A

∅	A	B	C	D		Kg		ABS
330	32.0	29.0	129.5	185	6	19.1		

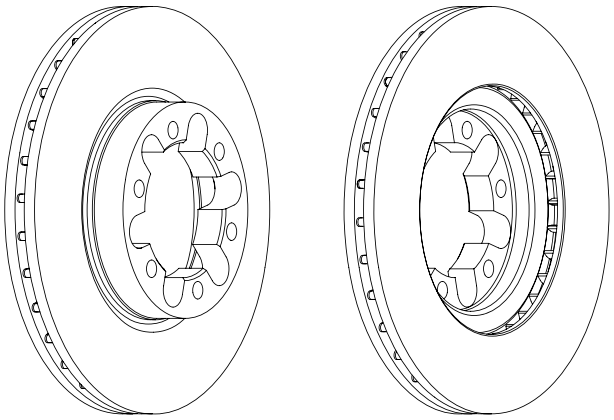
IVECO EuroCargo



FCR339A

∅	A	B	C	D		Kg		ABS
290	26.0	23.0	53	96	6	8.4		

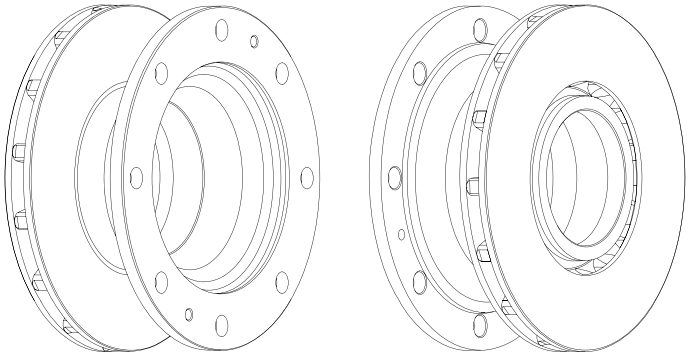
NISSAN Cabstar E

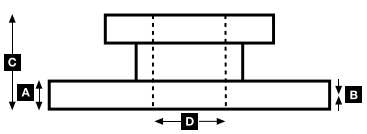


FCR341A

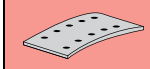
∅	A	B	C	D		Kg		ABS
322	30.0	27.8	134	215	8	17.9		✓

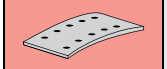
IVECO EuroCargo Tector

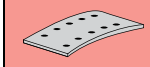


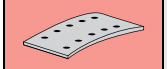
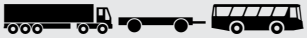


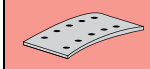
FERODO

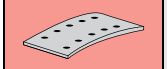
	BFMC	WVA	#	Ø				!		 #		
J1233 (K00234.0)	SE/5/1	17 761	8	405	180	125	11,5		48	93049	6x15	GIGANT GROUP
K00305.0	GG/214/1	19 543	4	360	174	170	.14,8		92	93683	L8	VOLVO
	GG/215/1	19 552	2	360	269	170	.8,4				L8	
K00392.0	RW/27/1	59 234	8	410	202	200	.19,1		128	93686	L11	ASTRA, AWD
K00620.0	FT/12/1	19 613	4	419	192	178	.19,2		128	93281	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FRUEHAUF/
	FT/11/1	19 614	4	419	188	178	.18,6	Conical drilling			5x15	BENALU, GIGANT GROUP, TRAILOR
K00622.0	FT/7/1	19 557	4	419	192	203	.18,6		128	93281	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FODEN,
	FT/6/1	19 606	4	419	188	203	.19,2	Conical drilling			5x15	FRUEHAUF/BENALU, GIGANT GROUP, SAF, TRAILOR
11 082 05,00 60 4	GL/11/1	11 082	4	230	230	40	5,0		32	93020	4x8	PEITZ
11 084 05,00 60 4	BC/51/1	11 084	4	250	245	40	5,0		40	93020	4x8	BPW, PEITZ
11 284 05,00 60 4	BW/1/1	11 284	4	250	262	40	5,0		40	93021	4x10	KNOTT, PEITZ, SAF
11 478 05,00 60 4		11 478	4	200	190	40	5,0		40	93020	4x8	BPW
11 556 05,00 60 4		11 556	4	230	224	40	5,0		40	93020	4x8	BPW
K11582.0	MB/91/2	11 019	1	230	207	34	8,0		42	93021	4x10	MERCEDES-BENZ, PERROT BREMSEN (WABCO)
	MB/91/3	11 025	1	230	207	34	8,0				4x10	
	MB/90/1	11 582	2	230	174	34	8,0				4x10	
K13532.0	MB/89/2	13 020	2	260	233	54	8,0		52	93021	4x10	MERCEDES-BENZ, PERROT BREMSEN (WABCO)
	MB/88/1	13 532	2	260	201	54	8,0				4x10	
15 004 05,00 60 4	BC/52/1	15 004	4	300	290	60	5,0		64	93021	4x10	BPW, PEITZ, SAF, WARSTEINER
15 031 09,30 60 4		15 031	4	400	418	80	9,3		64		6x18	KNOTT
15 039 08,00 00 3		15 039	2	270	244	79	8,0		52	93038	5x10	PERROT BREMSEN (WABCO)
	MB/80/2	15 742	2	270	211	79	8,0				5x10	
15 044 06,00 60 4	FD/85/1	15 044	4	350	339	60	6,0		40	93047	6x10	BPW, KNOTT, PEITZ, SAF, WARSTEINER
15 077 16,00 00 8		15 077	8	300	148	80	.16,0		48	93251	8x15	GFA (Gothaer Achsen), SAF
15 162 13,50 00 4	MB/116/2	15 162	4	308	258	90	.13,5		40	93057	8x12	MERCEDES-BENZ
K15207.0	FI/79/2	15 207	4	420	406	90	8,0	Different rivet according to application	64	93059	8x18	ADIGE, BATTAGLINO, IVECO
K15207.0	FI/79/2	15 207	4	420	406	90	8,0	Different rivet according to application	64	93252	8x18	CARDI, CARENZI, FRANCHIN, PERLINI, ROLFO, VIBERTI, ZORZI
K15247.0	FD/86/1	15 247	4	400	388	80	8,0		40	93251	8x15	BPW, KÄSSBOHRER
K15349.0	MB/70/1	15 349	2	300	245	70	9,0		52	93049	6x15	MERCEDES-BENZ
	MB/69/1	15 350	2	300	288	70	9,0				6x15	
K15494.0	FI/95/1	15 494	4	420	397	90	12,0		64	93060	8x20	ADIGE, IVECO, PIACENZA
K15580.2	MB/94/1	15 580	2	304	244	98	12,0		52	93047	6x10	MERCEDES-BENZ
	MB/95/1	15 581	2	304	286	98	12,0				6x10	
K15732.0	FI/101/1	15 732	2	325	298	80	7,0		56	93048	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/100/1	15 733	2	325	256	80	7,0				6x12	
K15742.0	MB/81/3	15 030	2	270	244	79	8,0		52	93038	5x10	IVECO, MERCEDES-BENZ, PERROT BREMSEN
	MB/80/2	15 742	2	270	211	79	8,0				5x10	(WABCO), STEYR
15 751 12,40 60 8		15 751	8	400	195	80	.12,4		48	93251	8x15	SAF
K15775.0	VN/19/1	15 775	4	270	212	65	7,0		40	93021	4x10	VOLKSWAGEN
15 799 11,50 66 8	SE/1/1	15 799	8	305	141	80	11,5		48	93049	6x15	GIGANT GROUP
K15817.0	MP/37/1	15 817	2	325	301	97	12,1		44	93060	8x20	AVIA - DAEWOO (Czech), DAF, MAN, PERROT
	MP/38/1	15 823	2	325	251	97	12,1				8x20	BREMSEN (WABCO)
15 826 08,00 60 8		15 826	8	310	152	80	8,0		64	93049	6x15	PEITZ
K15836.0	MB/103/2	15 162	4	304	258	90	.11,5		40	93057	8x12	MERCEDES-BENZ
K15869.0	MB/108/2	15 059	2	300	264	87	9,3		52	93047	6x10	MERCEDES-BENZ
	MB/107/1	15 869	2	300	237	87	9,3				6x10	
K15879.0	GG/209/1	15 879	8	325	140	97	.16,5		48	93058	8x15	MAN, STEYR
17 012 21,55 60 6	DF/41/1	17 012	4	419	220	127	.21,55		80	93686	L11	DAF
	DF/40/1	17 013	4	419	209	127	.21,55				L11	
K17016.0		17 377	8	400	192.7	120	8		64	93251	8x15	BPW
K17016.2		17 016	8	400	192.7	120	11		64	93251	8x15	A.D.R. , GKN FAD Axles
K17017.0	GG/217/1	17 017	8	360	173	143	.16,0		64	93058	8x15	CAETANO PSV, MAN, OPTARE, RENAULT TRUCKS
17 092 10,00 60 3	SY/8/1	17 092	2	405	430	120	10,0		56	93060	8x20	STEYR
	SY/9/1	17 093	2	405	324	120	10,0				8x20	
K17096.0	PB/23/1	17 313	2	310	236	100	12,9		52	93048	6x12	IVECO, PERROT BREMSEN (WABCO)
	PB/26/1	17 318	2	310	280	100	12,9				6x12	
K17115.0	BC/39/1	17 115	8	400	190	120	10,0		64	93252	8x18	BPW, SAF
K17161.0	SV/26/1	17 161	8	413	193	127	19,0		64	93687	L12	SCANIA
17 183 10,00 60 8	BC/53/1	17 183	8	300	142	120	10,0		64	93252	8x18	BPW, KNOTT, WARSTEINER
K17217.0	GG/194/1	17 217	4	330	295	125	11,7		48	93684	L9	DAF, FORD, IRISBUS, MCW, RENAULT TRUCKS
17 237 17,80 00 8	PB/15/1	17 237	8	500	253	120	.17,8	Old version 8 holes	64	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)

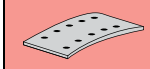
	BFMC	WVA	#	Ø				!		 #		
17 238 17,00 00 8	MP/30/2	17 238	8	410	175	143	.17,0		64	93058	8x15	MAN, MERCEDES-BENZ, RENAULT TRUCKS
17 248 12,00 60 4	BC/32/2	17 248	4	400	321	140	12,0		48	93060	8x20	PERROT BREMSEN (WABCO)
K17251.0	SY/16/1	17 251	4	405	370	120	12,5		56	93060	8x20	STEYR
K17252.0	SY/18/1	17 252	2	405	321	140	11,5		56	93060	8x20	STEYR
	SY/17/1	17 253	2	405	423	140	11,5				8x20	
K17263.0	DF/22/3	17 263	4	419	209	127	.18,3		80	93685	L10	DAF, NEOPLAN
	DF/23/3	17 264	4	419	216	127	.18,8				L10	
17 269 12,00 60 3	BC/32/1	17 269	2	400	320	140	12,0		56	93251	8x15	PERROT BREMSEN (WABCO), TAM
	BC/33/1	17 336	4	400	320	140	12,0				8x15	
K17285.0	BC/2/1	17 285	8	440	190	140	10,0		64	93059	8x18	MERCEDES-BENZ
17 286 10,00 60 8	BC/1/1	17 286	8	440	190	100	10,0		64	93059	8x18	NEOPLAN
17 297 15,00 60 8	MB/67/1	17 297	8	418	213	100	15,0		64	93058	8x15	NEOPLAN
K17298.0	MB/68/1	17 298	8	418	213	120	15,0		64	93058	8x15	NEOPLAN
K17316.0	GG/153/1	17 316	4	394	321	127	12,7		48	93683	L8	DAF, FORD, RENAULT TRUCKS
17 340 10,00 60 4	BC/77/1	17 340	4	400	329	140	10,0		48	93058	8x15	SAURER, TAM
17 340 14,00 86 4	BC/77/1	17 340	4	408	329	140	14,0		48	93067	10x18	SAURER
K17347.0		17 347	8	300	145	100	17,0		64	93251	8x15	GIGANT GROUP
17 347 18,00 00 8		17 347	8	300	145	100	.18,0		64	93251	8x15	BPW, GFA (Gothaer Achsen)
K17357.0	GG/233/1	17 357	4	360	174	140	.14,8		112	93683	L8	VOLVO
	GG/234/1	17 358	4	360	174	140	.9,7				L8	
K17362.0	YK/13/1	17 362	8	335	156	150	14,5		64	93684	L9	YORK TRAILERS
17 374 17,80 00 8		17 374	8	500	253	120	.17,8	New version 10 holes	80	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
17 377 18,00 00 8	BC/78/1	17 377	8	420	204	120	.18,0		80	93251	8x15	BPW, GFA (Gothaer Achsen), KÄSSBOHRER, STEYR, WARSTEINER
17 399 18,00 00 8		17 399	8	420	204	120	.18,0		64	93251	8x15	SAF
K17408.0	FI/104/1	17 408	2	325	296	100	8,0		52	93048	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/102/1	17 793	2	325	296	100	8,0				6x12	
K17409.3	MB/93/1	17 409	4	304	248	135	12,0		40	93058	8x15	MERCEDES-BENZ
K17456.0	BC/109/1	17 456	8	420	201	140	.18,0		64	93059	8x18	AUSTERAS, BPW, CARDI, STEYR
K17481.0	FI/86/1	17 481	4	420	421	125	12,0		64	93058	8x15	IVECO, VAN HOOL
K17482.0	FI/94/1	17 482	4	420	397	125	12,0		96	93058	8x15	IVECO
K17555.0	GG/144/1	17 555	4	330	299	101	9,5		48		L7	DAF, FORD, RENAULT TRUCKS
K17635.0	SY/20/2	17 635	2	325	249	120	12,0		52	93048	6x12	IVECO, PERROT BREMSEN (WABCO), YUGO
	SY/26/1	17 636	2	325	288	120	12,0				6x12	
K17660.0	FI/141/1	17 660	4	320	310	140	12,0		40	93060	8x20	ADIGE
K17662.0	GG/163/1	17 662	2	330	300	127	9,5		52	93684	L9	DAF, FORD, RENAULT TRUCKS
	GG/164/1	17 663	2	330	343	127	9,5				L9	
B2177 (K17664.0)	VL/71/1	17 664	4	413	197	127	.19,0		72	93687	L12	IRISBUS, VOLVO
	VL/70/1	17 665	4	413	159	127	.19,0				L12	
K17682.9	MP/29/1	17 682	8	410	175	123	.17,0		64	93059	8x18	MAN, MERCEDES-BENZ
K17742.0	PB/9/1	17 742	4	410	207	140	.16,0		64	93068	10x20	PERROT BREMSEN (WABCO), SETRA
	PB/10/1	17 743	4	410	210	140	.16,0				10x20	
17 746 18,00 60 8	IK/2/1	17 746	8	420	184	140	18,0		48	93059	8x18	IKARUS
17 747 12,50 60 3	BT/57/1	17 747	2	414	345	125	12,5		96	93049	6x15	IRISBUS, RENAULT TRUCKS
	BT/56/1	17 748	2	414	284	125	12,5				6x15	
K17758.0	FI/138/1	17 758	4	325	255	120	8,1		48	93048	6x12	PERROT BREMSEN (WABCO)
17 795 18,00 00 6	MB/83/1	17 795	4	410	172	143	.18,0		72	93059	8x18	MERCEDES-BENZ
	MB/82/1	17 796	4	410	216	143	.18,0				8x18	
K17797.0	FI/139/1	17 797	8	420	204	110	.18,8		80	93060	8x20	ADIGE, CALABRESE
K17804.0*	DO/80/1	17 804	4	394	354	127	12,7	*use J1287928	64		K8	RENAULT TRUCKS
K17807.0	BC/122/1	17 807	8	420	204	124	.18,3		80	93252	8x18	BPW
K17827.0*	SA/28/1	17 827	2	325	251	120	12,5	*use J1227928	60		5x12	DAF, IVECO, RENAULT TRUCKS, VOLVO
	SA/29/1	17 828	2	325	210	120	12,5				5x12	
K17829.0*	BT/76/1	17 829	2	310	245	100	10,0	*use J1228928	56	93038	5x10	DAF, RENAULT TRUCKS, VOLVO
	SA/25/1	17 830	2	310	209	100	10,0				5x10	
K17831.0*	SA/27/1	17 831	2	310	209	125	10,0		64	93038	5x10	DAF, RENAULT TRUCKS, VOLVO
	SA/26/1	17 832	2	310	245	125	10,0	*use J1229928			5x10	
K17847.0		17 847	4	405	370	240	12,5		56	93060	8x20	STEYR
K17869.0	FI/105/1	17 869	8	420	197	140	12,5		64	93060	8x20	IVECO
K17885.0	FI/113/1	17 885	8	420	211	135	12,5		64	93060	8x20	IRISBUS, IVECO
K17895.0	FI/137/1	17 895	4	420	401	140	12,0		64	93060	8x20	ADIGE, CARENZI
17 897 15,80 00 6	LZ/7/1	17 897	4	305	151	125	.15,8		48	93252	8x18	GIGANT GROUP, LOHR
	LZ/8/1	17 898	4	305	143	125	.15,9				8x18	

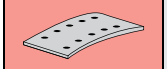
	BFMC	WVA	#	Ø				!		 #		
K17900.0	MP/39/1	17 900	2	325	301	147	12,1		44	93057	8x12	DAF, MAN, NEOPLAN, PERROT BREMSEN (WABCO)
	MP/40/1	17 901	2	325	251	147	12,1				8x12	
K17905.0	BA/2/1	17 905	4	430	207	140	0.17		64	93060	8x20	BARTOLETTI
	BA/3/1	17 906	4	430	207	140	.17,75				8x20	
K17924.0	FI/120/1	17 924	2	325	249	100	12,5		52	93048	6x12	IVECO, PERROT BREMSEN (WABCO)
	FI/121/1	17 925	2	325	288	100	12,5				6x12	
K17927.0*	MB/96/2	17 278	4	304	258	105	.11,5	*17 278 11,50 00 4	40	93057	8x12	MERCEDES-BENZ
K17927.3	MB/109/2	17 278	4	308	259	105	.13,5		40	93057	8x12	MERCEDES-BENZ
K17928.0	MB/97/2	17 280	4	304	258	120	.11,5		40	93057	8x12	MERCEDES-BENZ
K17928.3	MB/110/2	17 280	4	308	259	120	.13,5		40	93057	8x12	MERCEDES-BENZ
K17929.0*	MB/102/2	17 287	4	304	258	135	.11,5	*17 287 11,50 00 4	40	93057	8x12	MERCEDES-BENZ
K17929.3	MB/115/2	17 287	4	308	257	135	.13,5		40	93057	8x12	MERCEDES-BENZ
K17932.0	GG/187/1	17 932	2	330	340	127	.10,0		52		L7	DAF, FORD, MCW
	GG/186/1	17 933	2	330	295	127	.8,5				L7	
K17949.0	MB/98/2	17 290	4	360	172	130	.13,4		56	93058	8x15	MERCEDES-BENZ, SOR
	MB/99/2	17 950	4	360	130	130	.13,5				8x15	
K17949.3*	MB/111/2	17 290	4	364	172	130	.15,40	*17 290 15,40 00 6	56	93058	8x15	MERCEDES-BENZ
	MB/112/1	17 950	4	364	131	130	.15,5				8x15	
K17973.0	MB/101/2	17 350	2	300	264	102	9,3		52	93048	6x12	MERCEDES-BENZ
	MB/100/1	17 973	2	300	237	102	9,3				6x12	
K17975.0	MB/118/2	17 351	2	300	264	122	9,3		52	93048	6x12	MERCEDES-BENZ, OPTARE
	MB/117/1	17 975	2	300	237	122	9,3				6x12	
K17988.0	GG/210/1	17 988	8	325	140	150	.16,2		64	93058	8x15	MAN, STEYR
K17991.0	SV/39/2	17 991	4	413	235	127	19,0		32	93280	6,65x18	SCANIA
K17992.0	VL/85/1	17 992	8	410	176	125	.18,3	(L8=5mm Platform, L10=8mm Platform)	64	93683/ 93685	L8/L10	VOLVO
K19010.0	DF/45/1	19 010	4	420	176	150	.20,8		64	93686	L11	DAF, OPTARE
	DF/44/1	19 011	4	420	177	150	.20,6				L11	
19 019 14,00 60 4	BC/61/1	19 019	4	420	391	180	14,0		56	93074	10x17	PERROT BREMSEN (WABCO), SETRA
K19024.0	DF/42/1	19 024	4	419	209	152	.20,6		80	93686	L11	DAF
	DF/43/1	19 031	4	419	220	152	.20,8				L11	
K19030.0	RW/34/1	19 030	4	419	189	177	.22,0		96	93684	L9	MERITOR
	RW/35/1	19 033	4	419	195	177	.21,4				L9	
19 032 17,50 00 8		19 032	8	420	203	180	.17,5		80	93251	8x15	STEYR
K19032.0	BC/98/1	19 032	8	420	205	180	.17,8		80	93251	8x15	ACERBI, AUSTERAS, BATTAGLINO, BENALU, BPW, CARDI, CODER, CRANE FRUEHAUF, FRANCHIN, FRUEHAUF/BENALU, GFA (Gothaer Achsen), GORICA, KAISER, KÄSSBOHRER, LECITRAILER, MERCEDES-BENZ, PIACENZA, PRIM-BALL, RENAULT TRUCKS, ROLFO, SAF, WARSTEINER, ZORZI
K19036.0	IL/66/5	19 036	4	419	188	178	.18,6	Rivet 6,35mm	96	93685	L10	BAJ et FOND, BENALU, BROCKHOUSE, CALABRESE, CARRIMORE, CRANE FRUEHAUF, DYSON, FOX, FROMANT, FROMCO, FRUEHAUF/ BENALU, HANDS, HIGHWAY, KAISER, MERITOR, MERRIWORTH, MULTIWHEEL, NORTHERN, PEAK, PITT, PRIMROSE, SAMRO, SCAMMELL, STEYR, TITAN, YORK TRAILERS
	IL/67/5	19 037	4	419	194	178	.18,0				L10	
19 036 18,60 80 6		19 036	4	419	189	178	.18,6	Rivet 8mm	96	93252	8x18	FRUEHAUF/BENALU, SAF
		19 037	4	419	194	178	.18,0				8x18	
K19037.0	DF/25/1	19 036	4	419	189	178	.18,6	Rivet 5mm / Cylindrical drilling	96	93275	5x15	BAJ et FOND, CASTERA, CRANE FRUEHAUF, FRUEHAUF/BENALU, GIGANT GROUP, KAISER, TRAILOR, YORK TRAILERS
	DF/24/1	19 037	4	419	192	178	.18,0				5x15	
19 041 17,80 00 8		19 041	8	500	253	180	.17,8		112	93059		KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 042 17,80 00 8	BC/86/1	19 042	8	500	253	160	.17,8		80	93059		KESSLER, KNOTT, PERROT BREMSEN (WABCO)
K19049.0*	SA/10/1	19 049	2	414	347	150	12,5	*use J1296928	96	93049	6x15	CAZENAVE, COLAERT, CRANE FRUEHAUF, FRUEHAUF/BENALU, IRISBUS, MADURAUD, RENAULT TRUCKS, TITAN
	SA/11/1	19 199	2	414	286	150	12,5				6x15	
K19052.0	DF/46/1	19 052	4	420	177	175	.20,6		96	93686	L11	DAF
	DF/47/1	19 055	4	420	176	175	.20,8				L11	
K19063.0	DF/48/1	19 063	4	420	177	200	.20,6		128	93685	L10	BOVA, DAF
	DF/49/1	19 064	4	420	176	200	.20,8				L10	

	BFMC	WVA	#	Ø				!		 #		
K19068.0	VL/89/2	19 068	8	410	176	225	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	96/104	93683/ 93685	L8/L10	DENNIS, IRISBUS, VOLVO
K19071.0	VL/88/2	19 071	8	410	176	200	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	96/104	93683/ 93685	L8/L10	AWD, BEDFORD, CAETANO PSV, DENNIS, ERF, IRISBUS, KAROSA, SEDDON ATKINSON, SISU, STEYR, VOLVO
K19072.0	GG/83/1	19 072	4	394	360	152	12,7		48	93684	L9	AEC, BEDFORD, BRISTOL, BROCKHOUSE, CARRIMORE, CRANE FRUEHAUF, DAF, DENNIS, DYSON, ERF, FORD, GUY, HANDS, HIGHWAY, IVECO, PITT, RENAULT TRUCKS, SCAMMELL, SEDDON ATKINSON, YORK TRAILERS
K19075.0	SV/8/1	19 075	8	413	193	178	19,0		96	93687	L12	SCANIA
K19078.0	MB/121/1	19 112	4	364	130	200	.15,8		56	93057	8x12	MERCEDES-BENZ
	MB/120/1	19 505	4	364	173	200	.15,8				8x12	
19 084 17,50 00 5		19 084	2	410	192	180	.17,5		64	93067	10x18	PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/29/1	19 855	2	410	196	180	.17,5				10x18	
	PB/30/1	19 856	4	410	192	180	.17,4				10x18	
K19090.0	VL/87/2	19 090	8	410	176	175	.18,3	(96 x L8=5mm Platform, 104 x L10=8mm Platform)	96/104	93683/ 93685	L8/L10	AWD, BEDFORD, CAETANO PSV, DENNIS, ERF, VOLVO
K19091.0	PB/42/1	19 091	2	410	204	202	.21,5		96	93060	8x20	IVECO
	PB/42/2	19 098	6	410	204	202	.21,5				8x20	
19 094 17,50 00 8		19 094	8	420	203	200	.17,5		80	93251	8x15	STEYR
K19094.0	BC/97/1	19 094	8	420	202	200	.17,8		80	93251	8x15	ACERBI, BATTAGLINO, BENALU, BERTOJA, BPW, CARDI, CRANE FRUEHAUF, DAF, FRUEHAUF/ BENALU, GIGANT GROUP, KAISER, KÄSSBOHRER, LAG, LECITRAILER, PIACENZA, PRIM-BALL, RENAULT TRUCKS, ROLFO, SAF, VAN HOOL, VIBERTI, ZORZI
K19099.0	PB/41/2	19 099	2	410	204	180	.21,5		96	93060	8x20	IVECO, PERROT BREMSEN (WABCO)
	PB/41/1	19 100	6	410	204	180	.21,5				8x20	
19 102 10,00 60 8	BC/54/1	19 102	8	300	141	150	10,0		64	93251	8x15	BPW, PEITZ, SAF, WARSTEINER
19 103 10,00 60 8	BC/55/1	19 103	8	300	142	200	10,0		64	93251	8x15	BPW, GIGANT GROUP, KÄSSBOHRER, SAF, TRAILOR, WARSTEINER
K19109.9		19 109	4	410	195.5	180	21.7		96	93058	8x16	IVECO
		19 110	4	410	195.5	180	21.7				8x16	
19 113 18,20 00 8	AD/44/1	19 113	8	410	178	180	.18,2	New version 10 holes	80	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
K19114.0*	PB/38/1	19 114	4	410	196	220	.19,4	*use B2740167	96	93067	10x18	PERROT BREMSEN (WABCO), VAN HOOL
	PB/39/1	19 115	4	410	196	220	.19,4				10x18	
K19116.9		19 116	4	410	195.5	200	21.7		96	93058	8x16	IVECO
		19 119	4	410	195.5	200	21.7				8x16	
K19125.0	MB/61/1	19 125	8	370	156	160	19,7		64	93059	8x18	MERCEDES-BENZ, NEOPLAN
19 134 14,00 60 5	SY/19/1	19 134	4	420	214	160	14,0		32	93067	10x18	PERROT BREMSEN (WABCO), STEYR
		19 298	2	420	334	160	14,0				10x18	
K19144.0	SV/43/1	19 144	4	410	211	150	19,8/18		96	93282		SISU
	SV/44/1	19 145	4	410	211	150	18,9/12,2					
K19146.0	SV/45/1	19 146	4	410	211	180	19,8/18		96	93282		SISU
	SV/46/1	19 147	4	410	211	180	18,9/12,2					
K19150.0	DF/20/3	19 150	4	419	209	152	.18,3		80	93685	L10	BOVA, DAF, IRISBUS, LAG, OPTARE, SISU, TAM, TRAILOR
	DF/21/3	19 151	4	419	216	152	.18,8				L10	
K19160.0	MB/51/1	19 160	8	440	186	170	15,0		64	93059	8x18	MERCEDES-BENZ
K19166.0	BC/90/1	19 166	4	400	215	200	19,8		80	93252	8x18	KÄSSBOHRER
	BC/91/1	19 167	4	400	215	200	19,4				8x18	
K19168.0	BC/92/1	19 168	4	400	214	150	.19,4		80	93252	8x18	KÄSSBOHRER, LOHR
	BC/93/1	19 169	4	400	215	150	.19,8				8x18	
K19177.0	GG/218/1	19 177	8	360	173	160	.16,0		96	93058	8x15	CAETANO PSV, MAN, OPTARE
K19187.0	RN/104/1	19 187	8	414	187	220	18,5		64	93059	8x18	IRISBUS, KAROSA, RENAULT TRUCKS
K19191.0		19 191	8	420	205	180	.17,8	BPW ECO PLUS 2 SN 4218 420x180mm	80	93251	8x15	BPW
K19192.0		19 192	8	420	202	200	.17,8	BPW ECO PLUS 2 SN 4220 420x200mm	80	93251	8x15	BPW

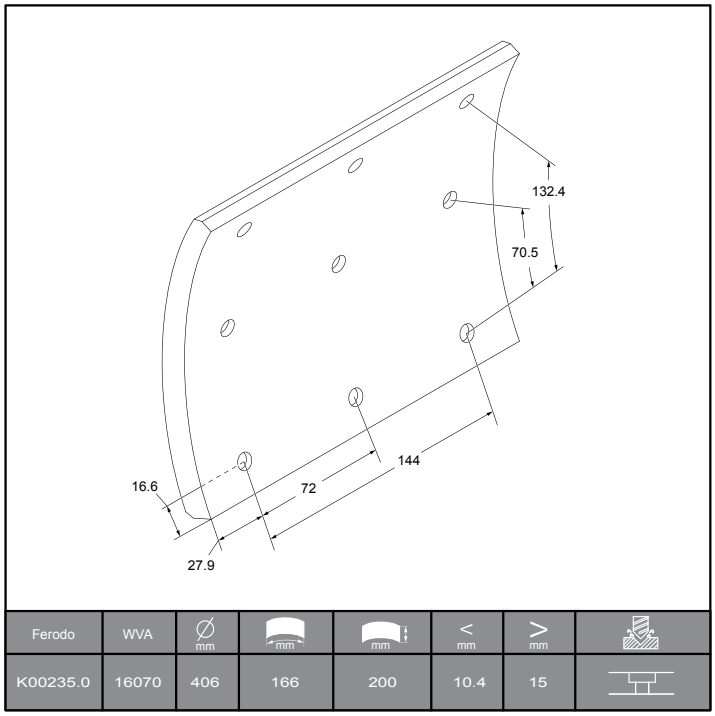
	BFMC	WVA	#	Ø				!		 #		
K19200.0	BC/35/1	19 200	8	420	204	160	.17,8		80	93251	8x15	BPW, CARDI, CRANE FRUEHAUF, FRUEHAUF/ BENALU, GIGANT GROUP, SAF, WARSTEINER
K19217.0	SV/47/1	19 217	4	410	211	210	19,8/18		96	93282		SISU
	SV/48/1	19 218	4	410	211	210	18,9/12,2					
K19231.0	GG/216/1	19 306	8	360	173	170	.16,5		96	93683	L8	AWD, BEDFORD, DAF, SEDDON ATKINSON
19 237 19,40 00 6		19 237	4	410	196	160	.19,4		32	93067	10x18	PERROT BREMSEN (WABCO)
		19 238	4	410	196	160	.19,3				10x18	
K19245.0*	SY/23/1	19 245	4	420	186	160	15,0	*use 19 245 15,00 60 6	56	93067	10x18	STEYR
	SY/31/1	19 782	4	420	136	160	15,0				10x18	
19 245 15,00 60 8	SY/23/1	19 245	8	420	186	160	15,0		64	93067	10x18	JELCZ, STEYR
19 246 15,00 00 8	SY/24/1	19 246	8	420	186	185	15,0		64	93067	10x18	STEYR
K19255.0	RN/102/1	19 255	2	360	256	170	.17,5		80	93234	8x18	MAN, RENAULT TRUCKS
	RN/103/1	19 259	2	360	349	170	.17,5				8x18	
K19256.0	DF/16/2	19 256	4	419	208	178	.18,3		112	93685	L10	BOVA, DAF, IRISBUS, NEOPLAN, TAM
	DF/17/2	19 260	4	419	216	178	.18,8				L10	
K19262.0	PB/25/1	19 262	6	410	201	180	.19,8		112	93060	8x20	IVECO, PERROT BREMSEN (WABCO), TATRA
	PB/25/2	19 342	2	410	201	180	.19,8				8x20	
K19263.0	PB/24/2	19 343	2	410	201	200	.19,8		112	93060	8x20	IRISBUS, IVECO, PERROT BREMSEN (WABCO), TATRA
	PB/24/1	19 263	6	410	201	200	.19,8				8x20	
K19283.0	SJ/28/1	19 283	4	420	177	178	.20,6		64	93251	8x15	GIGANT GROUP, KAISER, SAF
	SJ/29/1	19 284	4	420	183	178	.20,0				8x15	
B2345 (K19269.0)	GG/208/1	19 269	2	360	270	170	9,3		84	93683	L8	VOLVO
	GG/207/1	19 272	2	360	353	170	.12,8				L8	
K19365.0	RW/2/3	19 365	4	419	192	203	.18,7		96	93252	8x18	TRAILOR
	RW/1/3	19 366	4	419	189	203	.19,3				8x18	
K19366.0	RW/2/3	19 365	4	419	192	203	.18,7	Conical drilling / Rivet 6,35mm	96	93685	L10	BAJ et FOND, BENALU, CRANE FRUEHAUF, FODEN, FOX, FRUEHAUF/BENALU, GIGANT GROUP, KAISER, MERITOR, MERRIWORTH, SAF, SAMRO, SCAMMELL
	RW/1/3	19 366	4	419	189	203	.19,3				L10	
K19369.0	FU/4/4	19 369	4	419	189	218	.18,7	Rivet 6,35mm	96	93685	L10	BATTAGLINO, BENALU, BROCKHOUSE, CARRIMORE, CASTERA, CODER, DORSEY, DYSON, FOX, FROMANT, FROMCO, FRUEHAUF/BENALU, HANDS, HIGHWAY, HOYNOR, LAG, MERITOR, MOSELEY, MURFITT, NORTHERN, PEAK, PITT, SAMRO, SCAMMELL, YORK TRAILERS
	FU/5/4	19 370	4	419	192	218	.19,3		96		L10	
19 369 18,70 90 6		19 369	4	419	194	219	.18,7	Rivet 8mm	96	93252	8x18	MERITOR
		19 370	4	419	189	219	.19,3				8x18	
K19385.0	CW/4/1	19 384	6	381	188	178	.18,15		96	93684	L9	CRANE FRUEHAUF, FODEN, FORD, FRUEHAUF/ BENALU, IRISBUS, IVECO, MERITOR, ROCKWELL, SEDDON ATKINSON, VAN HOOL, VOLVO
	CW/4/2	19 385	2	381	188	178	.18,15				L9	
K19393.0	SV/27/1	19 393	8	413	193	203	19,0		96	93687	L12	SCANIA, SISU
19 396 13,00 00 8	BC/110/1	19 396	8	300	141	150	.13,0		64	93251	8x15	BPW
19 397 13,00 00 8	BC/111/1	19 397	8	300	141	200	.13,0		64	93251	8x15	BPW
K19405.0	SE/4/1	19 405	8	305	141	200	11,5		48	93049	6x15	GIGANT GROUP, KAISER
K19466.0	MB/58/3	19 466	8	370	156	220	19,4		80	93059	8x18	MERCEDES-BENZ, NEOPLAN
19 467 19,00 60 6	VL/73/2	19 467	4	394	191	177	.19,0		84	93687	L12	VOLVO
	VL/72/1	19 468	4	394	146	177	.19,0				L12	
K19477.0	SJ/30/1	19 477	4	420	188	203	.20,6		64	93251	8x15	GIGANT GROUP, KAISER, SAF
	SJ/31/1	19 478	4	420	192	203	.20,0				8x15	
K19480.0	SJ/32/1	19 479	4	367	169	180	.20,6		64	93252	8x18	SAF
	SJ/33/1	19 480	4	367	167	180	.20,0				8x18	
K19486.9	MP/31/2	19 494	8	410	175	163	.17,0		64	93059	8x18	MERCEDES-BENZ, OPTARE, RENAULT TRUCKS, VAN HOOL
K19487.9	MP/32/2	19 495	8	410	177	183	.17,0		64	93059	8x18	MAN, MCW, MERCEDES-BENZ, RENAULT TRUCKS, STEYR, VAN HOOL
K19488.9	MP/36/2	19 496	8	410	177	223	.17,0		64	93059	8x18	MAN, MCW, MERCEDES-BENZ, STEYR
19 490 20,60 00 6	SJ/34/1	19 490	4	367	169	200	.20,6		64	93251	8x15	SAF
	SJ/35/1	19 491	4	367	167	200	.20,0				8x15	
K19492.0	RW/24/1	19 492	8	381	180	180	.19,2		96	93684	L9	VOLVO
K19503.0	PB/22/1	19 503	4	360	316	170	16,0		72	93058	8x15	DAF, DENNIS, IVECO, PERROT BREMSEN (WABCO)
K19515.0	SJ/23/1	19 515	4	300	127	200	.15,7		64	93252	8x18	KAISER, KING, LAG, SAF
	SJ/22/1	19 516	4	300	132	200	.16,6				8x18	
19 517 15,70 00 6	SJ/25/1	19 517	4	300	127	150	.15,7		64	93252	8x18	SAF, TRAILOR
	SJ/24/1	19 518	4	300	131	150	.16,6				8x18	
K19542.0	RW/25/1	19 542	8	381	180	200	.19,2		96	93684	L9	DAF, VOLVO

	BFMC	WVA	#	Ø				!		 #		
K19553.0	RW/29/1	19 553	6	410	180	200	.20,4		96	93058	8x15	ERF, IVECO, LIAZ, MERITOR, ROCKWELL
	RW/29/2	19 554	2	410	180	200	.20,4				8x15	
K19555.0	RW/28/2	19 555	2	410	180	180	.20,4		96	93058	8x15	IVECO, MERITOR, ROCKWELL
	RW/28/1	19 556	6	410	180	180	.20,4				8x15	
K19558.0	PB/11/1	19 558	4	410	210	180	.16,0		64	93067	10x18	INBUS, PERROT BREMSEN (WABCO), SAURER, SETRA
	PB/12/1	19 559	4	410	207	180	.16,0				10x18	
K19560.0	VL/74/1	19 560	4	414	197	152	.19,0		88	93685	L10	IRISBUS, VOLVO
	VL/75/1	19 561	4	414	159	152	.19,0				L10	
K19562.0	VL/76/2	19 562	4	394	190	203	.19,0		84	93685	L10	CAETANO PSV, IRISBUS, VOLVO
	VL/77/1	19 563	4	394	146	203	.19,0				L10	
19 567 18,00 00 8	IK/1/1	19 567	8	420	184	180	18		72	93059	8x18	IKARUS
K19568.0	BC/108/1	19 568	8	300	140	200	.18,0		64	93252	8x18	KÄSSBOHRER
K19573.0	BC/79/1	19 573	8	300	144	150	.18,0		64	93251	8x15	BPW
K19574.0	BC/80/1	19 574	8	300	144	200	.18,0		64	93251	8x15	ACERBI, BAJ et FOND, BERTOJA, BPW, CARDI, KÄSSBOHRER, LECITRAILER, PIACENZA, ROLFO, TRABOSA, ZORZI
K19579.0	MB/75/1	19 579	4	410	214	163	.18,0		72	93060	8x20	BOVA, IRISBUS, MAN, MERCEDES-BENZ, NEOPLAN, OPTARE, SANOS
	MB/74/1	19 706	4	410	173	163	.18,0				8x20	
K19581.0	MB/77/1	19 581	4	410	214	223	.18,0		72	93060	8x20	BOVA, IRISBUS, MAN, MERCEDES-BENZ, NEOPLAN, OPTARE
	MB/76/1	19 707	4	410	173	223	.18,0				8x20	
19 602 18,00 00 6		19 602	4	500	197	200	.18,0		72	93252	8x18	BPW
		19 603	4	500	244	200	.18,0				8x18	
K19604.0	RW/9/3	19 604	4	311	126	190	.14,8		80	93685	L10	CRANE FRUEHAUF, DYSON, FRUEHAUF/BENALU, GRANNING LYNX, MERITOR, MOSELEY, SAMRO, SCAMMELL
	RW/13/3	19 605	4	311	158	190	.16,1				L10	
K19615.0		19 615	4	420	195	180	.22,15		128	93684	L9	AUTOSAN, KAROSA
		19 616	4	420	195	180	.21,45				L9	
K19618.0	DF/31/1	19 617	4	419	210	203	.18,5		160	93686	L11	DAF, LAG, OPTARE, VAN HOOL
	DF/30/1	19 618	4	419	219	203	.18,5				L11	
K19620.0	SA/31/1	19 620	2	325	210	150	12,5		64		5x12	DAF, IRISBUS, IVECO, RENAULT TRUCKS, VOLVO
	SA/30/1	19 621	2	325	251	150	12,5				5x12	
K19622.0	LH/82/2	19 622	4	394	354	152	12,7		64		K8	BEDFORD, DAF, IVECO, RENAULT TRUCKS, VOLVO
K19632.0	MB/85/1	19 632	4	410	173	183	.18,3		72	93059	8x18	SANOS
	MB/84/1	19 633	4	410	217	183	.18,0				8x18	
K19634.0	PB/27/1	19 634	4	410	207	160	.15,9		64	93067	10x18	KNOTT, PERROT BREMSEN (WABCO), SETRA
	PB/28/1	19 635	4	410	207	160	.15,9				10x18	
K19641.0	BC/118/1	19 641	8	434	208	220	.18,0		128	93068	10x20	TAM
K19642.0	BC/114/1	19 642	4	409	165	160	13,75		56	93068	10x20	TAM
	BC/115/1	19 643	4	409	215	160	13,75				10x20	
K19643.0	BC/115/1	19 643	8	409	215	160	13,75		64	93068	10x20	TAM
K19644.0	BC/116/1	19 644	8	420	204	200	.17,8		80	93252	8x18	GORICA
K19647.0	SV/34/1	19 647	8	413	193	254	19,0		96	93687	L12	SCANIA
K19648.0		19 648	8	420	186	160	16,0		64	93058	8x15	TATRA
K19657.0	BT/59/6	19 463	4	414	374	175	13,5		72	93059	8x18	AUTOSAN, IRISBUS, RENAULT TRUCKS
19 676 10,00 60 4	BC/119/1	19 676	4	300	265	200	10,0		56	93252	8x18	GORICA
19 677 17,80 00 8		19 677	8	420	204	200	.17,8		80			ITAS
19 687 17,80 00 8		19 687	8	500	253	160	.17,8		64	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
19 690 17,80 00 8		19 690	8	500	253	180	.17,8		64	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
K19694.0	FI/106/1	19 694	8	420	197	180	12,5		128	93060	8x20	IVECO
K19700.0	YK/12/1	19 700	8	335	156	210	14,5		128	93684	L9	PIACENZA, YORK TRAILERS
K19708.0	GG/232/1	19 708	6	360	174	183	.16,25		96	93058	8x15	MAN, OPTARE
	GG/232/2	19 867	2	360	174	183	.16,25	with w.i.hole	24		8x15	
19 713 17,00 00 8	MP/31/3	19 713	8	410	175	163	.17,0		64	93059	8x18	MAN
K19714.0	RW/28/1	19 556	4	410	180	180	.20,4		96	93058	8x15	IVECO, MERITOR, ROCKWELL
	RW/31/1	19 714	2	410	196	180	.22,2				8x15	
	RW/30/1	19 715	2	410	196	180	.21,9				8x15	
K19716.0	RW/29/1	19 553	4	410	180	200	.20,4		96	93058	8x15	ERF, IVECO, MERITOR, ROCKWELL
	RW/33/1	19 716	2	410	196	200	.22,2				8x15	
	RW/32/1	19 717	2	410	196	200	.21,9				8x15	
K19722.0		19 722	4	420	195	180	.21,4		128	93685	L10	IKARUS
		19 727	4	420	195	180	.20,8				L10	
K19723.0	PB/40/1	19 723	8	410	178	180	.18,2	Old version 8 holes	64	93067	10x18	KESSLER, KNOTT, PERROT BREMSEN (WABCO)
K19743.0	PB/20/1	19 712	4	410	208	220	.16,10		96	93067	10x18	PERROT BREMSEN (WABCO), SETRA, VAN HOOL
	PB/21/1	19 755	4	410	211	220	.16,0				10x18	

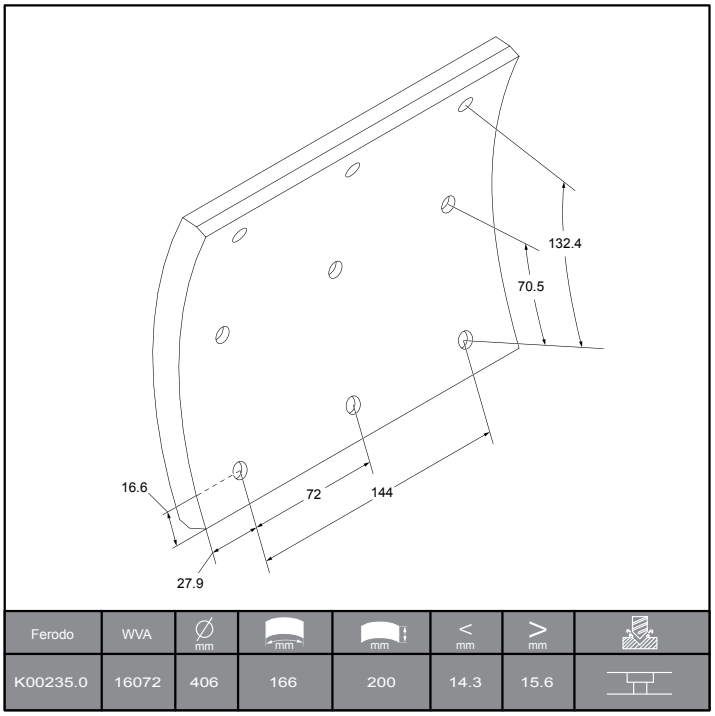
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K19743.2	PB/20/1	19 712	4	410	208	220	.18,1		96	93067	10x18	IRISBUS, MENARINI, NEOPLAN, PERROT
	PB/21/1	19 755	4	410	211	220	.18,0				10x18	BREMSEN (WABCO), SETRA, VAN HOOL
K19756.0		19 756	4	300	312	160	12		48			BARTOLETTI
K19758.0	GG/235/1	19 758	4	360	174	170	.14,8		112	93683	L8	VOLVO
	GG/236/1	19 759	4	360	174	170	.9,7				L8	
K19760.0	SA/36/2	19 760	4	305	144	150	.15,9	*use B2044170	48	93252	8x18	CASTERA
	SA/37/2	19 761	4	305	140	150	.15,8				8x18	
K19762.0	LZ/2/1	19 762	4	305	143	200	.15,9		64	93252	8x18	CASTERA, GIGANT GROUP, KAISER, LOHR,
	LZ/3/1	19 763	4	305	141	200	.15,8				8x18	NICOLAS
19 779 19,00 00 8	FI/150/1	19 779	8	420	203	205	.19,0		120	93060	8x20	ADIGE
K19783.0	MQ/3/2	19 783	4	311	148	178	.14,6		96	93684	L9	CARRIMORE, DYSON, HOYNOR, KING, MERITOR,
	MQ/4/2	19 784	4	311	146	178	.14,3				L9	VOLVO, YORK TRAILERS
K19795.0	CO/2/1	19 795	8	300	141	180	0.14		64	93252	8x18	COMETTO
K19799.0	VL/82/1	19 799	4	394	146	254	.19,0		84	93685	L10	CAETANO PSV, IRISBUS, VOLVO
	VL/81/2	19 800	4	394	190	254	.19,0				L10	
K19801.0	BA/5/1	19 801	4	430	207	200	.17,75		96	93060	8x20	BARTOLETTI
	BA/4/1	19 802	4	430	207	200	.17,5				8x20	
K19821.0	SY/34/1	19 821	2	325	288	160	12,0		52	93049	6x15	IVECO, PERROT BREMSEN (WABCO), STEYR
	SY/33/1	19 822	2	325	249	160	12,0				6x15	
K19823.0	PB/34/2	19 823	2	410	202	200	.18,9		96	93068	10x20	IRISBUS, VAN HOOL, VOLVO
	PB/34/1	19 786	6	410	202	200	.18,9				10x20	
K19823.9	PB/34/1	19 786	8	410	202	200	.18,0		96	93068	10x20	TAM
K19824.0	PB/35/1	19 824	6	410	202	220	.18,4		112	93067	10x18	IRISBUS, PERROT BREMSEN (WABCO), VOLVO
	PB/35/2	19 838	2	410	202	220	.18,4				10x18	
19 825 18,00 00 8	BC/99/1	19 825	8	420	202	220	.18,0		80	93252	8x18	BPW
K19844.0	MB/104/1	19 844	4	360	130	160	.13,5		56	93058	8x15	MERCEDES-BENZ
	MB/105/2	19 506	4	360	172	160	.13,4				8x15	
K19844.3	MB/113/1	19 844	4	364	131	160	.15,5		56	93058	8x15	MERCEDES-BENZ
	MB/114/2	19 506	4	364	172	160	.15,40				8x15	
K19847.0	PB/18/2	19 699	2	410	192	220	.17,55		96	93067	10x18	DENNIS, MERCEDES-BENZ, NEOPLAN, PERROT
	PB/18/1	19 847	2	410	192	220	.17,55				10x18	BREMSEN (WABCO), SETRA, VAN HOOL
	PB/19/1	19 848	4	410	192	220	.17,45				10x18	
19 849 17,55 00 6	PB/16/1	19 849	4	410	192	160	.17,55		64	93067	10x18	MENARINI, NEOPLAN, PERROT BREMSEN
	PB/17/1	19 850	4	410	192	160	.17,45				10x18	(WABCO), SETRA
K19862.0	FU/18/1	19 608	4	311	141	203	.18,4		80	93275	5x15	ACERBI, BENALU, CRANE FRUEHAUF, FRUEHAUF/
	FU/17/1	19 609	4	311	136	203	.19,3				5x15	BENALU, GIGANT GROUP
K19877.0	PD/8/1	19 877	4	410	162	160	.17,3		104	93049	6x15	PEGASO, SEDDON ATKINSON
	PD/7/1	19 878	4	410	160	160	.16,2				6x15	
K19879.0	PD/3/1	19 879	4	410	162	200	.17,3		104	93049	6x15	ILASA-TMM, PEGASO, SEDDON ATKINSON
	PD/4/1	19 881	4	410	162	200	.16,5				6x15	
K19885.0*	VL/83/1	19 885	4	394	190	240	.19,0	*use B2096932	84	93687	L12	VOLVO
	VL/84/1	19 886	4	394	146	240	.19,0				L12	
K19887.0	CW/11/1	19 887	8	394	178	178	.19,3		128	93683	L8	FORD
K19888.0	DF/36/1	19 888	4	420	177	175	.18,5		96	93686	L11	DAF
	DF/37/1	19 889	4	420	179	175	.19,1				L11	
K19890.0	DF/33/1	19 890	4	420	177	200	.18,5		128	93685	L10	BOVA, DAF
	DF/32/1	19 891	4	420	179	200	.19,1				L10	
K19892.0	SJ/26/1	19 892	4	355	157	200	.18,0		80	93252	8x18	GIGANT GROUP, SAF
	SJ/27/1	19 893	4	355	168	200	.18,8				8x18	
K19896.0	AX/14/6	19 896	8	419	196	178	18,0		112	93683	L8	IKARUS
K19900.0	DF/34/1	19 900	4	420	177	150	.19,1		64	93686	L11	DAF, OPTARE
	DF/35/1	19 901	4	420	179	150	.18,5				L11	
K19902.0	BC/100/1	19 902	4	360	159	200	.17,8		72	93251	8x15	BPW, GORICA
	BC/101/1	19 903	4	360	188	200	.17,8				8x15	
K19908.0	RW/21/1	19 908	4	350	149	200	.18,1		80	93685	L10	MERITOR, SAMRO, ZORZI
	RW/22/1	19 909	4	350	151	200	.18,8				L10	
19 911 18,80 60 6	DF/31/1	19 617	4	419	210	203	.18,5		144	93685	L10	DAF
		19 911	4	419	176	203	.18,8				L10	
19 912 18,00 00 6	FT/19/1	19 912	4	355	157	150	.18,0	Rivet 5mm	80		5x18	TRAILOR
	FT/20/1	19 913	4	355	157	150	.18,8				5x18	
K19912.0	LZ/5/1	19 912	4	355	157	150	.18,0		80	93252	8x18	GIGANT GROUP, LOHR, SAF, TRAILOR
	LZ/4/1	19 913	4	355	168	150	.18,8	Rivet 8mm			8x18	
K19918.0	FI/124/2	19 225	4	360	318	170	14,0		72	93059	8x18	DENNIS, IVECO, NEOPLAN, PERROT BREMSEN
												(WABCO)
K19919.0	BT/84/1	19 919	4	414	371	150	13,0		72	93059	8x18	RENAULT TRUCKS

	BFMC	WVA	#	Ø				!		 #		
K19921.0	CW/12/1	19 921	8	394	191	200	.19,3		128	93683	L8	AWD, DAF, FORD
K19922.0	CS/67/1	19 922	8	394	187	203	.17,4		96	93685	L10	CAETANO PSV, DENNIS, ERF, STEYR
K19923.0*	GG/211/1	19 923	4	360	351	170	.16,5	*use B2063927	88	93683	L8	DAF
K19928.0	RW/26/1	19 928	8	360	167	170	.19,7		96	93683	L8	ROCKWELL, SOR, STEYR
K19931.0	SV/40/2	19 931	4	413	235	178	19,0		64	93280	6,65x18	SCANIA
K19932.0	SV/41/2	19 932	4	413	235	203	19,0		64	93280	6,65x18	SCANIA
K19933.0	SV/42/2	19 933	4	413	235	254	19,0		64	93280	6,65x18	SCANIA
K19934.0	RN/100/1	19 934	8	414	187	150	18,5		64	93059	8x18	RENAULT TRUCKS
K19935.0	RN/101/1	19 935	8	414	187	175	18,5		64	93059	8x18	IRISBUS, RENAULT TRUCKS
K19941.0	VL/86/1	19 941	8	410	176	150	.18,3	(96 x L8=5mm Platform, 80 x L10=8mm Platform)	80/96	93683/ 93685	L8/L10	VOLVO
K19946.0	PB/36/1	19 946	4	410	192	180	.18,2		64	93067	10x18	PERROT BREMSEN (WABCO), VAN HOOL
	PB/37/1	19 947	4	410	193	180	.18,7				10x18	
K19952.0	BC/104/1	19 952	4	360	187	160	.17,8		72	93251	8x15	BPW
	BC/105/1	19 953	4	360	158	160	.17,8				8x15	
K19967.0*	BC/106/1	19 967	4	300	132	200	16,3	*use B2800927	96	93275	5x15	BPW, TRAILOR
	BC/107/1	19 968	4	300	129	200	15,4				5x15	
55 173 08,00 60 4		55 173	4	310	307	80	8,0		64	93049	6x15	PEITZ
57 248 11,00 00 4		57 248	4	300	248	135	11	18.5mm counter bore Ø	40			A.D.R. , GKN FAD Axles
57 250 11,00 00 4		57 250	4	300	246.6	135	11	16.5mm counter bore Ø	40			A.D.R. , GKN FAD Axles
57 251 11,00 00 4		57 251	4	300	248.5	100	11		40			A.D.R. , GKN FAD Axles
59 335 11,00 66 4		59 335	4	300	286	160	11		48			A.D.R. , GKN FAD Axles
59 338 11,00 00 4		59 338	4	300	286	150	11		64			A.D.R. , GKN FAD Axles
K59082.0	CO/1/1	59 082	4	300	285	179	9		32			COMETTO

K00235.0 (16 070 + 16 072)

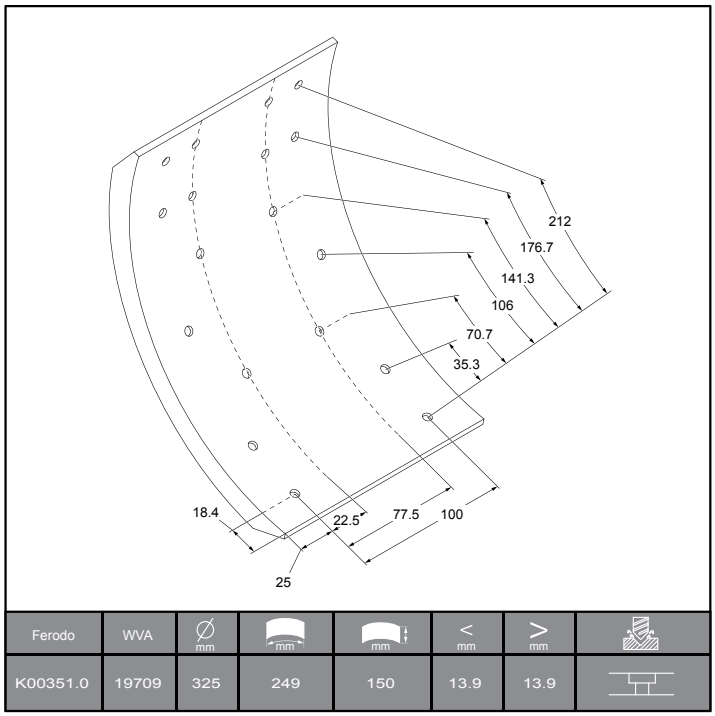


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00235.0	16070	406	166	200	10.4	15	



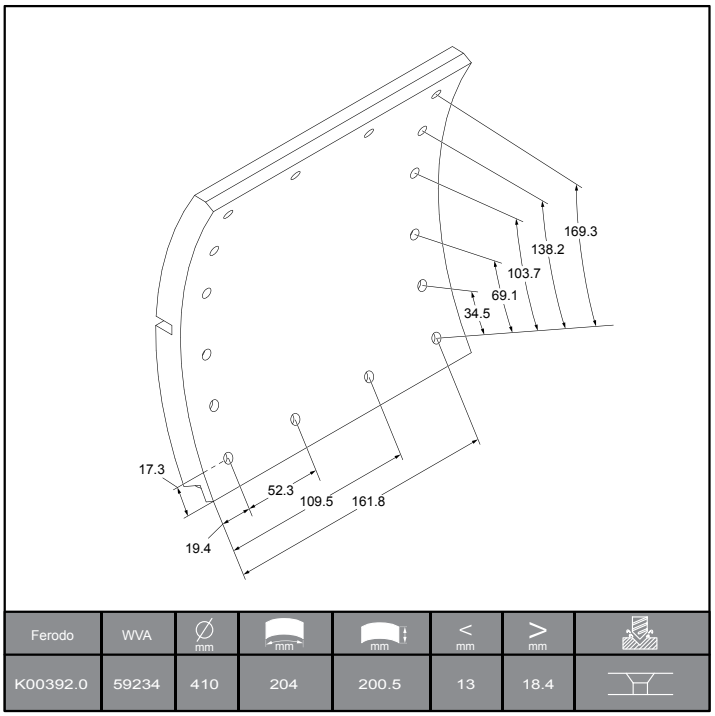
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00235.0	16072	406	166	200	14.3	15.6	

K00351.0 (19 709)



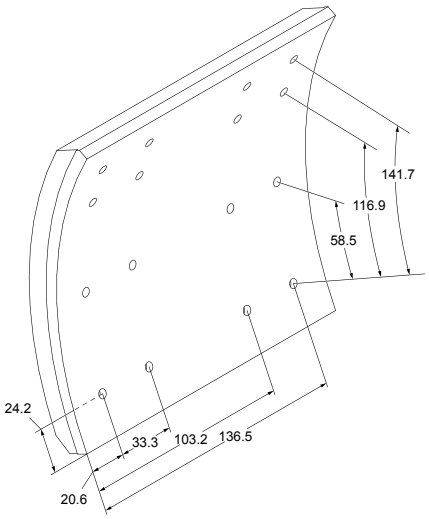
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00351.0	19709	325	249	150	13.9	13.9	

K00392.0 (59 234)

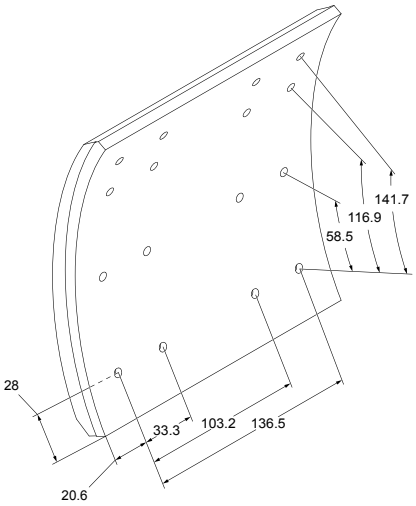


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00392.0	59234	410	204	200.5	13	18.4	

K00620.0 (19 613 + 19 614)

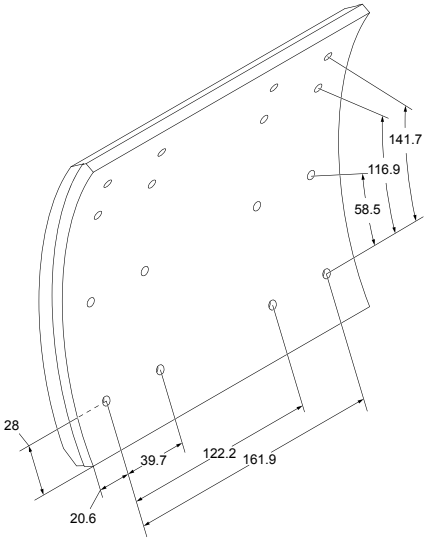


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00620.0	19613	419	190.5	178	15.8	18.9	

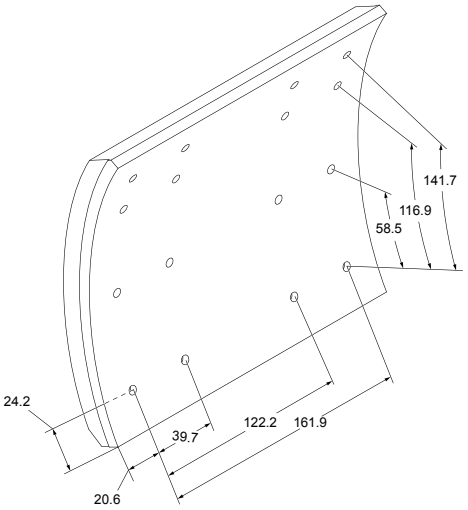


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00620.0	19614	419	195.5	178	11.4	18.3	

K00622.0 (19 557 + 19 606)

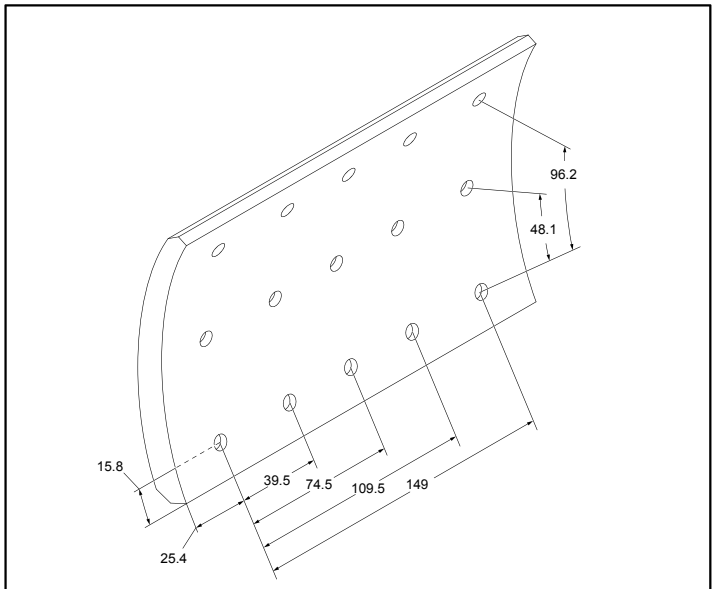


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00622.0	19557	419	195.5	203	11.4	18.3	



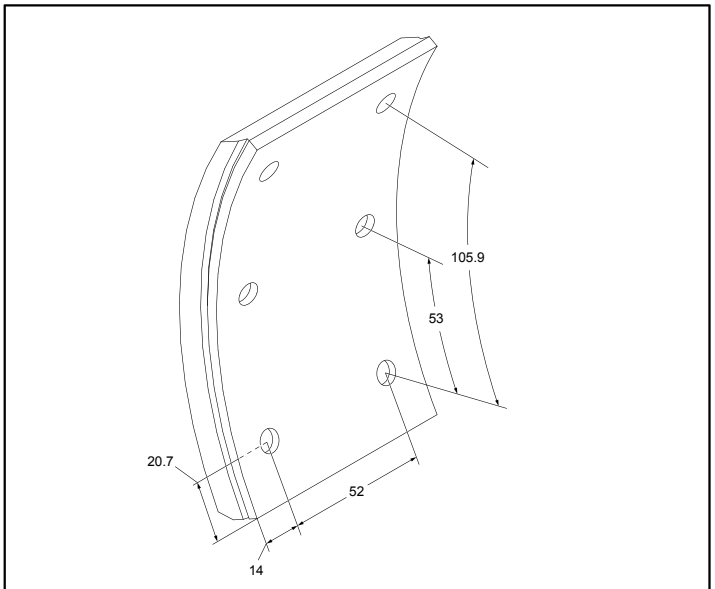
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K00622.0	19606	419	190.5	203	15.8	18.9	

K0N305.0 (16 066)



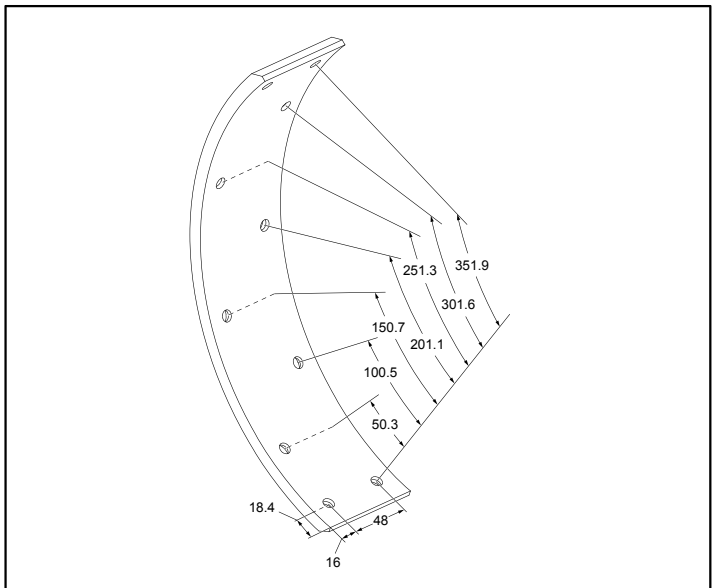
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K0N305.0	16066	311	132	200	10.1	15.7	

K15077.0 (15 077)



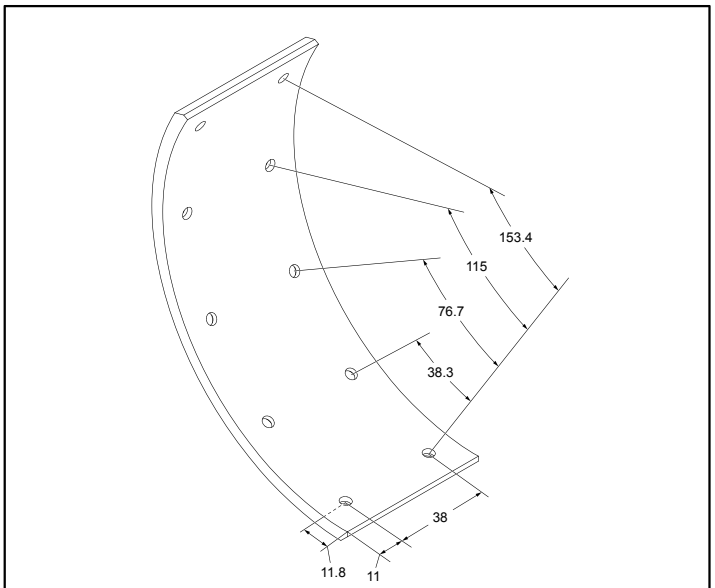
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15077.0	15077	300	148	80	10.7	15.9	

K15247.0 (15 247)



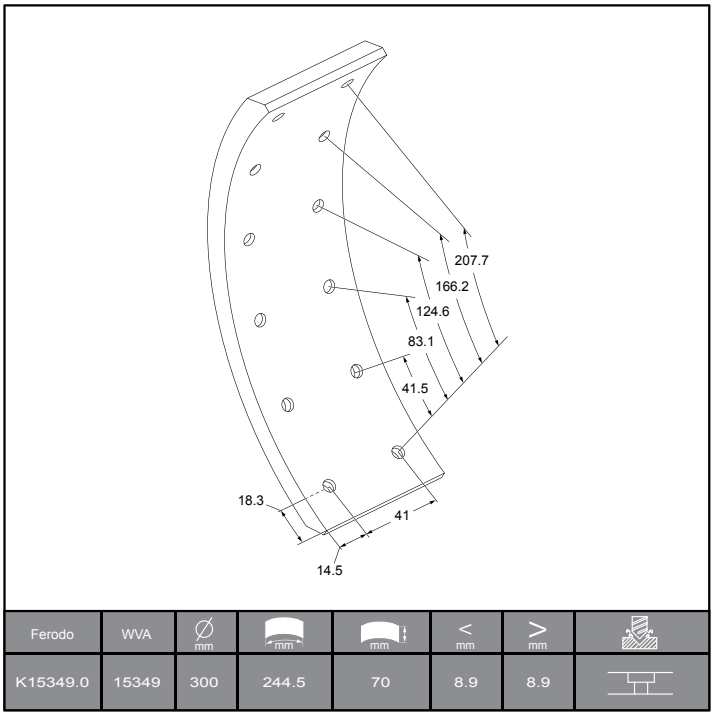
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15247.0	15247	400	388.5	80	7.9	7.9	

K15256.0 (15 256)

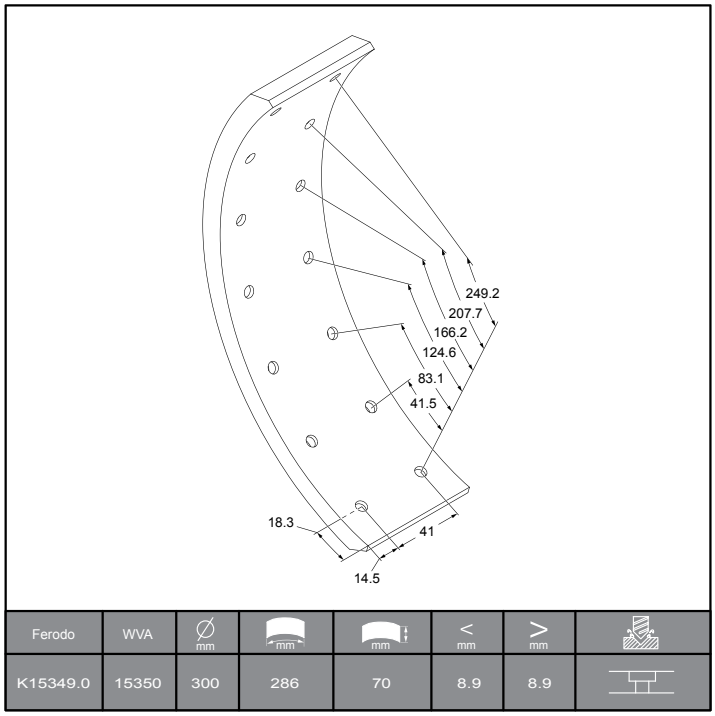


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15256.0	15256	180	177	60	4.9	4.9	

K15349.0 (15 349 + 15 350)

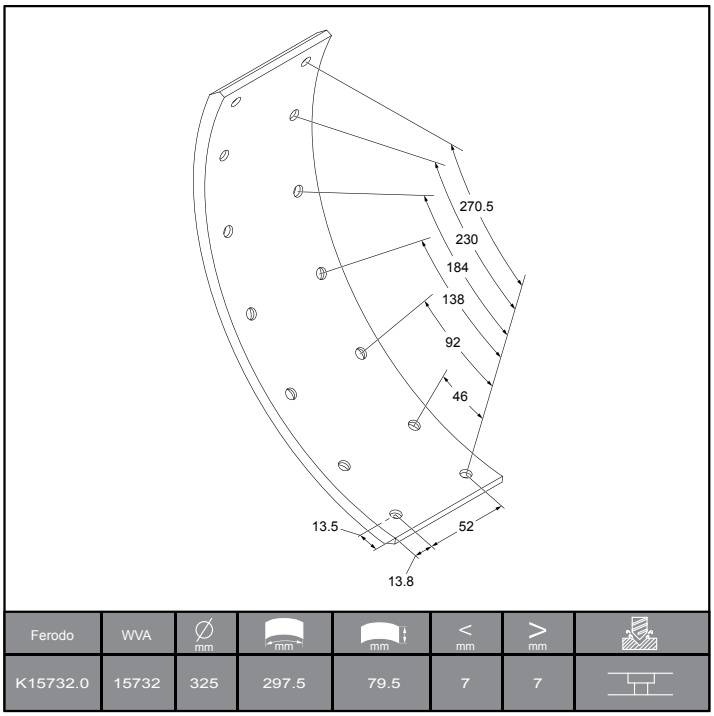


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15349.0	15349	300	244.5	70	8.9	8.9	

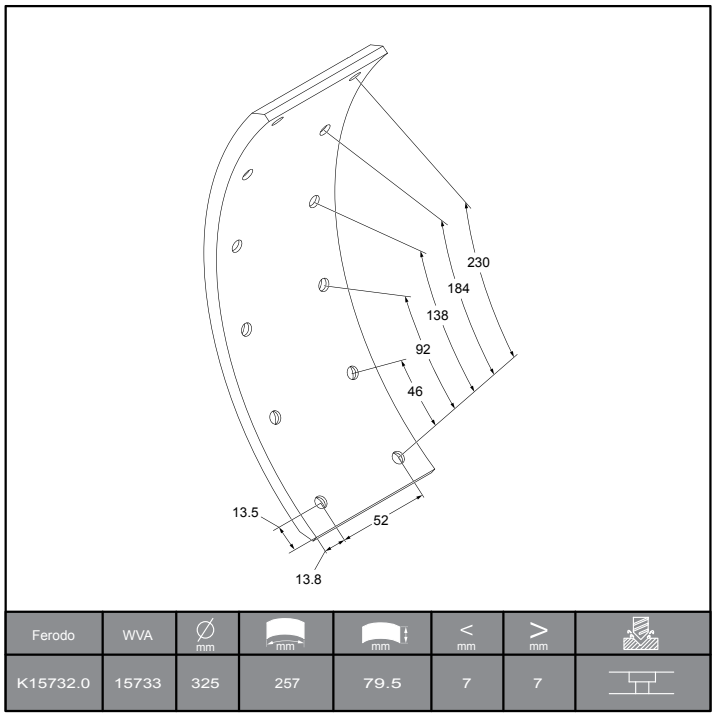


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15349.0	15350	300	286	70	8.9	8.9	

K15732.0 (15 732 + 15 733)

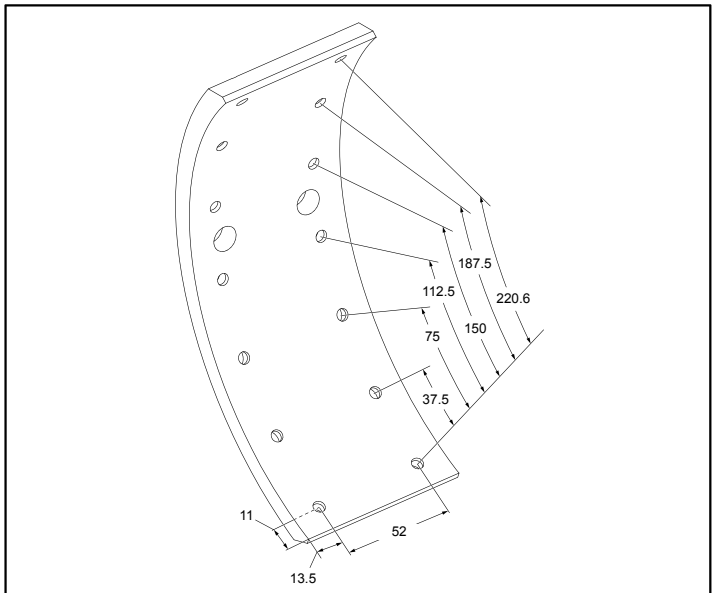


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15732.0	15732	325	297.5	79.5	7	7	

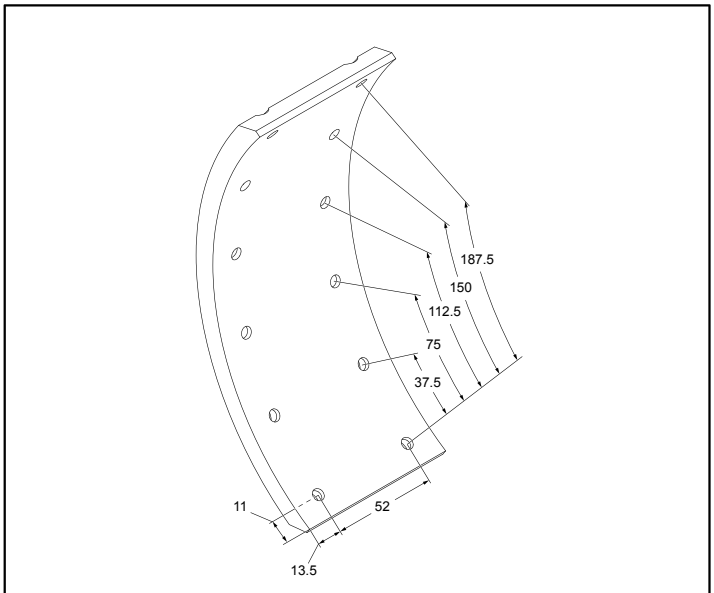


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15732.0	15733	325	257	79.5	7	7	

K15742.0 (15 030 + 15 742)

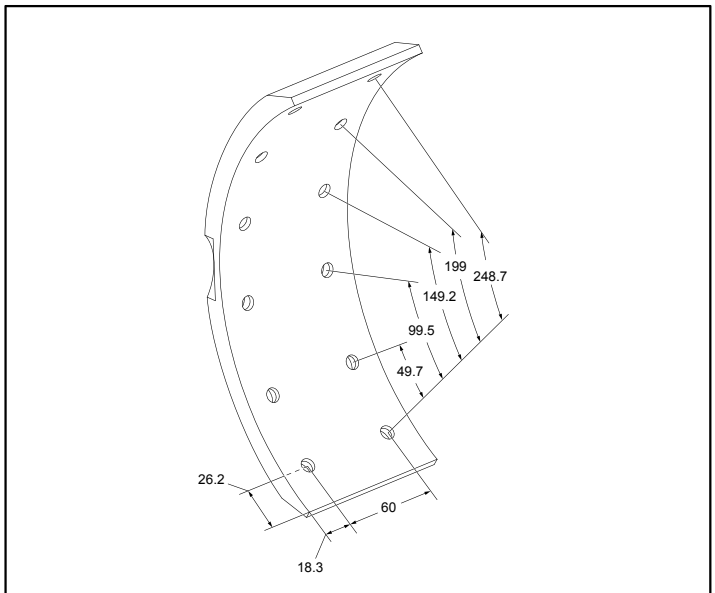


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15742.0	15030	270	242.5	79.5	7.9	7.9	

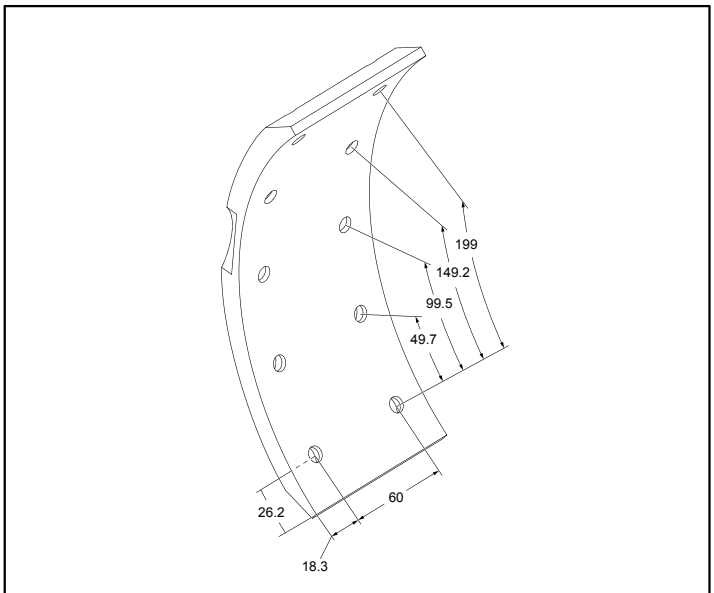


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15742.0	15742	270	209.5	79.5	7.9	7.9	

K15817.0 (15 817 + 15 823)

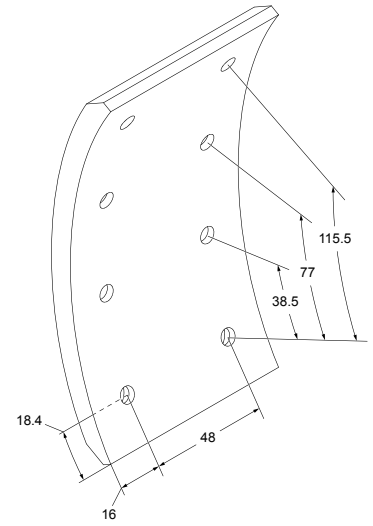


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15817.0	15817	325	300.5	96.5	11.7	11.7	



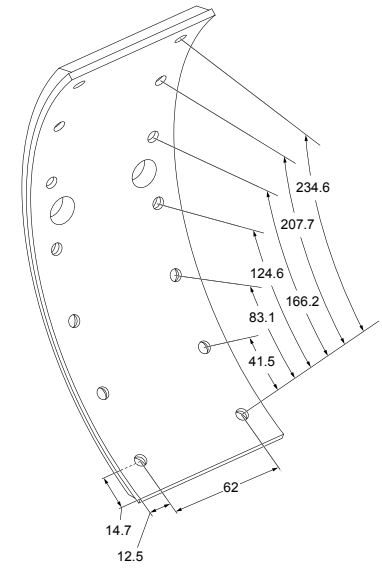
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15817.0	15823	325	250.5	96.5	11.7	11.7	

K15826.0 (15 826)



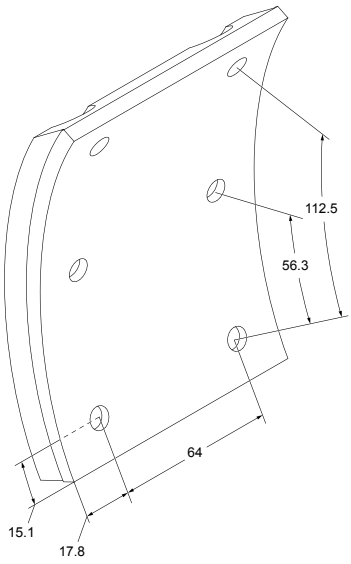
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15826.0	15826	310	152	80	7.9	7.9	

K15869.0 (15 059)



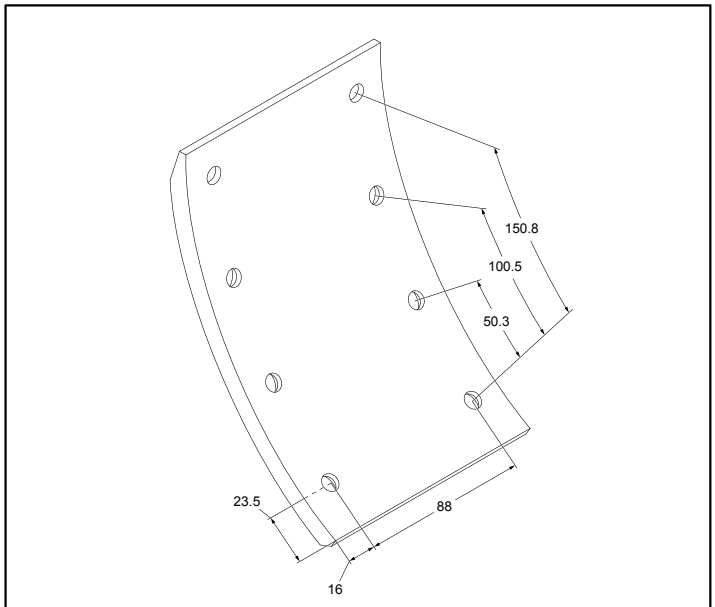
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15869.0	15059	300	264	87.5	9.2	9.2	

K15879.0 (15 879)



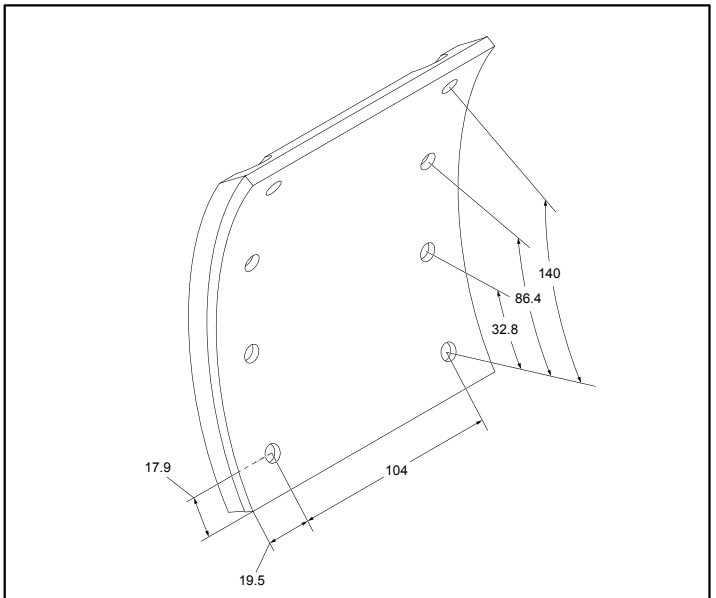
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K15879.0	15879	325	142	99.5	12.6	16.3	

K17016.0 (17 377)



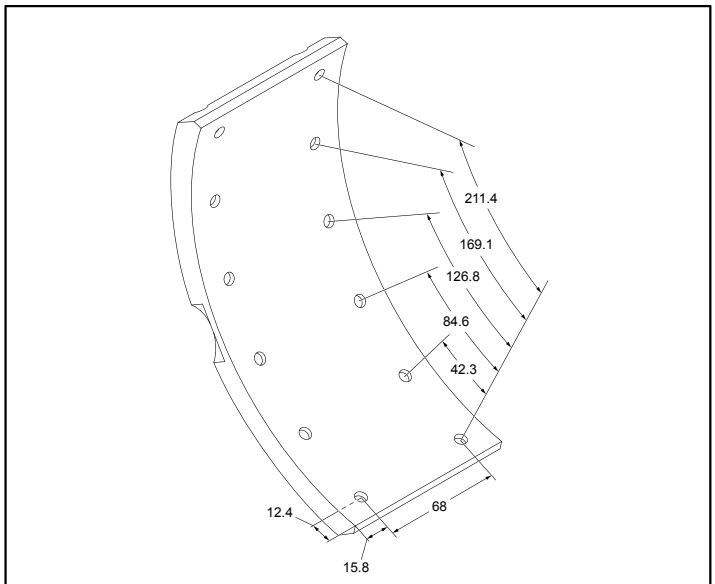
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17016.0	17016	400	192.5	120	7.9	7.9	

K17017.0 (17 017)

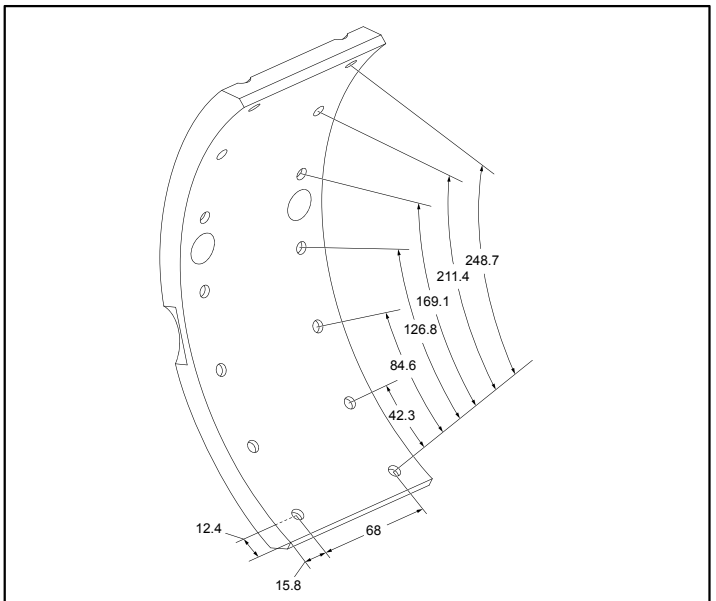


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17017.0	17017	360	174.5	143	12.2	15.8	

K17096.0 (17 313 + 17 318)

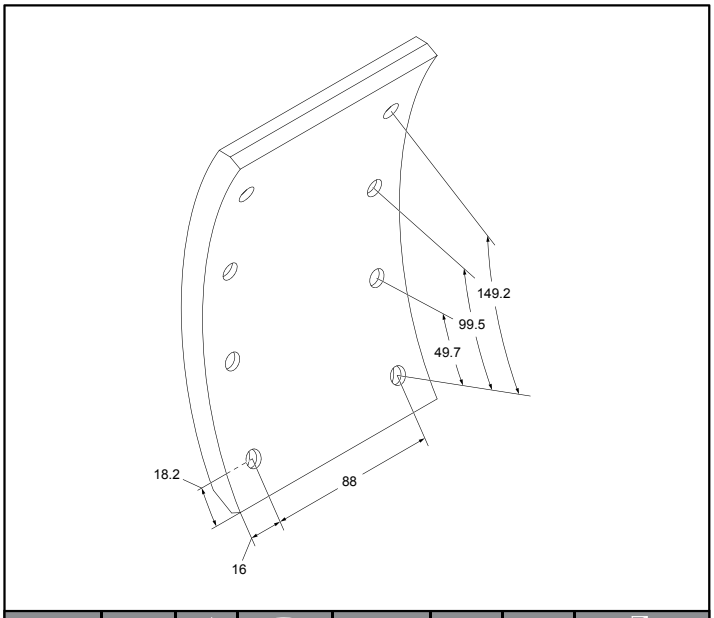


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17096.0	17313	310	236.5	99.5	12.8	12.8	



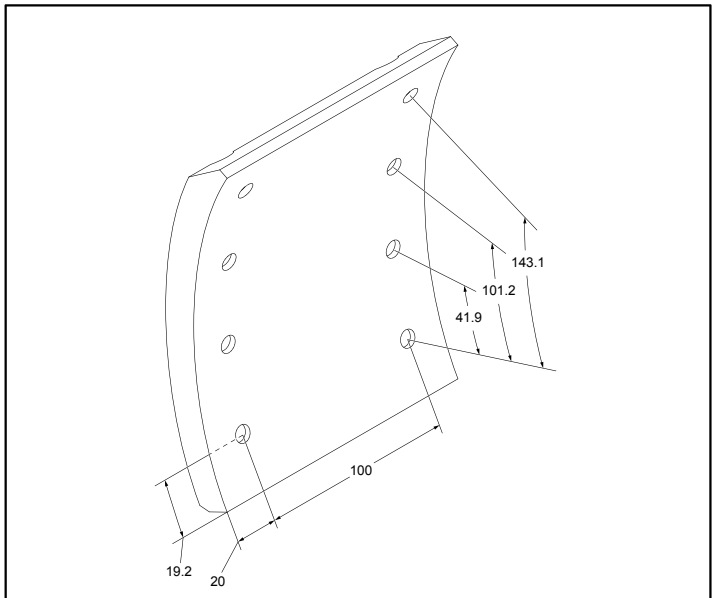
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17096.0	17318	310	273.5	99.5	12.8	12.8	

K17115.0 (17 115)



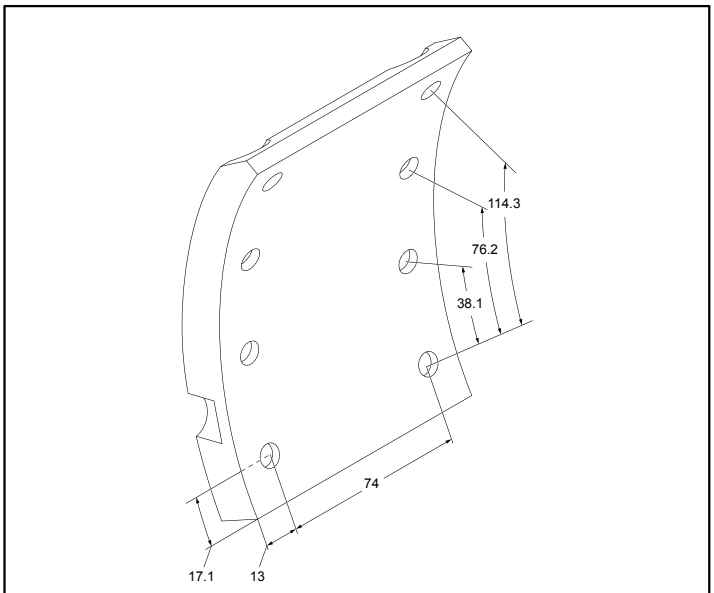
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17115.0	17115	400	189	120	9.9	9.9	

K17276.0 (17 276)



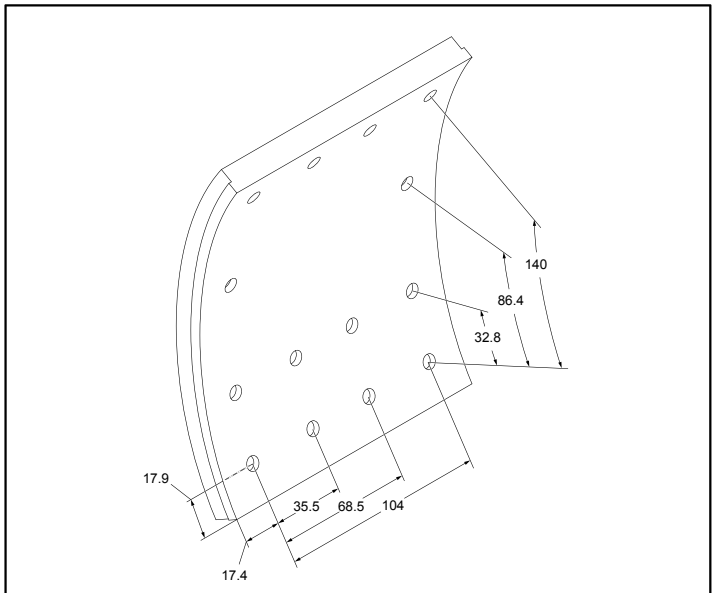
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17276.0	17276	430	181.5	140	14.9	14.9	

K17347.0 (17 347)

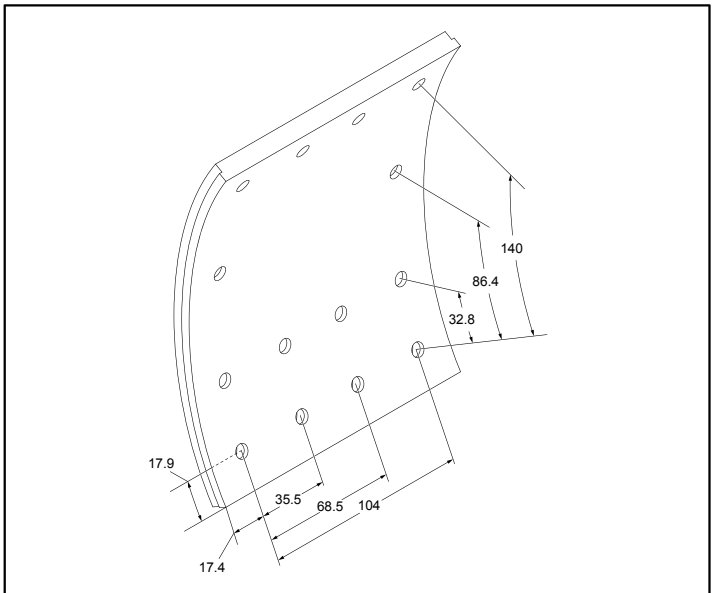


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17347.0	17347	300	145.5	100	11.5	16.8	

K17357.0 (17 357 + 17 358)

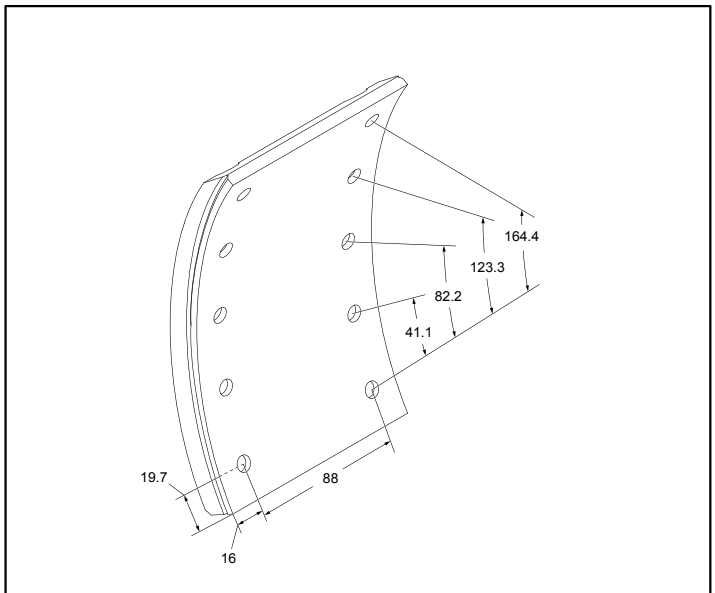


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17357.0	17357	360	174.5	138.5	12.1	14.8	



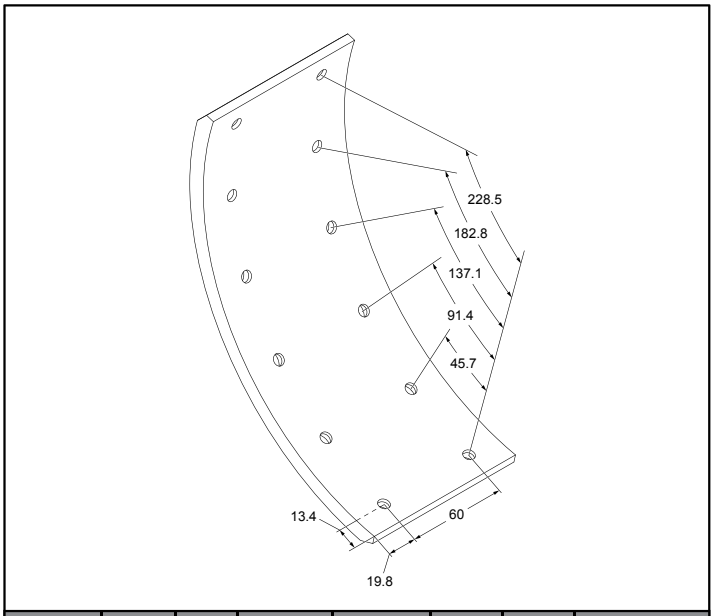
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17357.0	17358	360	174.5	138.5	8.3	9.7	

K17377.0 (17 377)

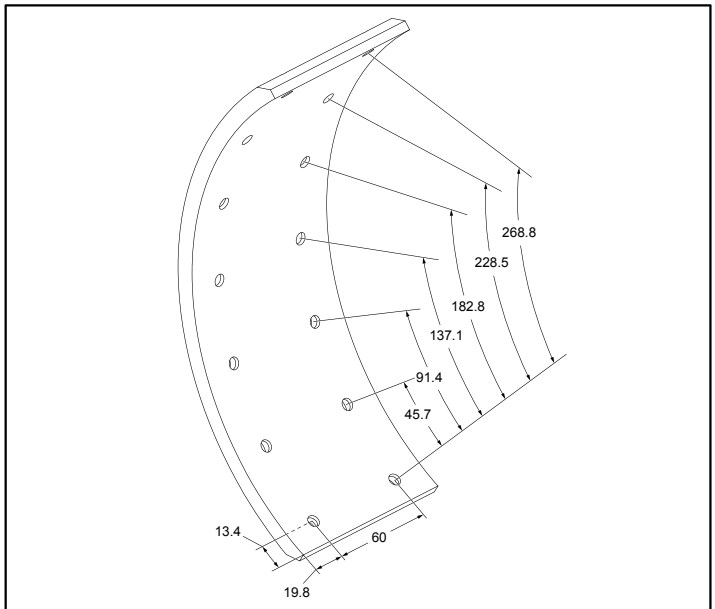


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17377.0	17377	420	203.5	120	12.3	17.9	

K17408.0 (17 408 + 17 793)

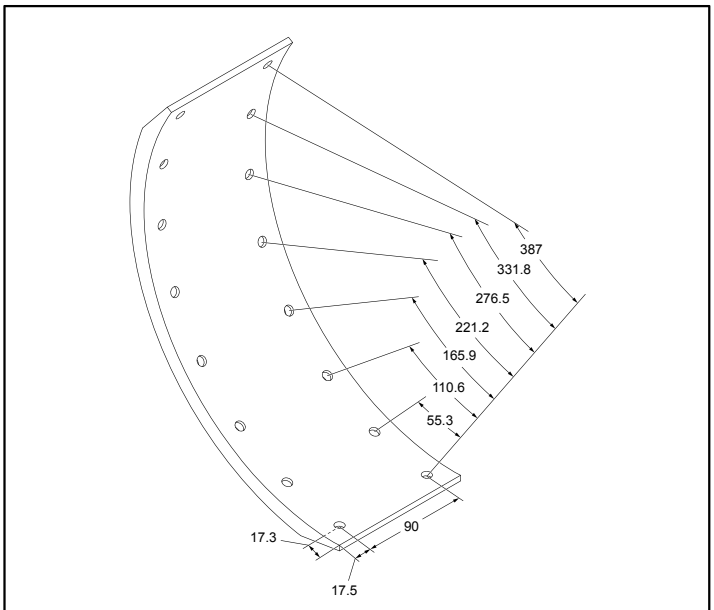


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17408.0	17408	325	255.5	99.5	8	8	



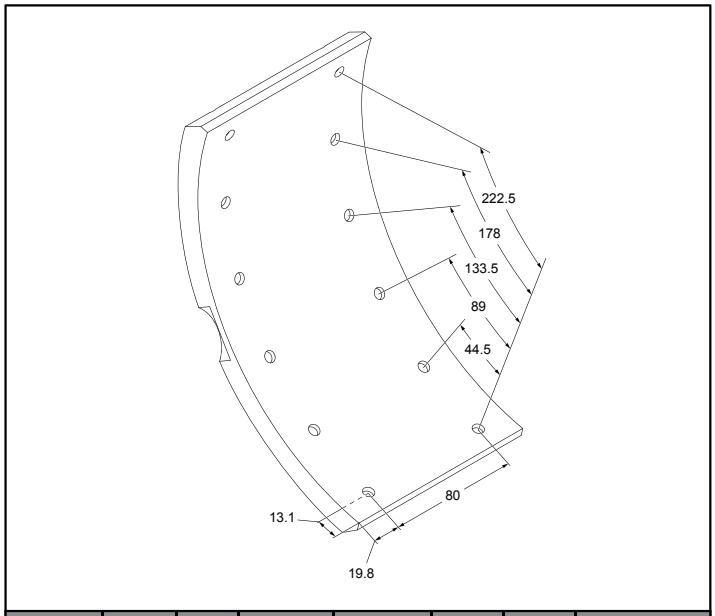
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17408.0	17793	325	295.5	99.5	8	8	

K17481.0 (17 481)

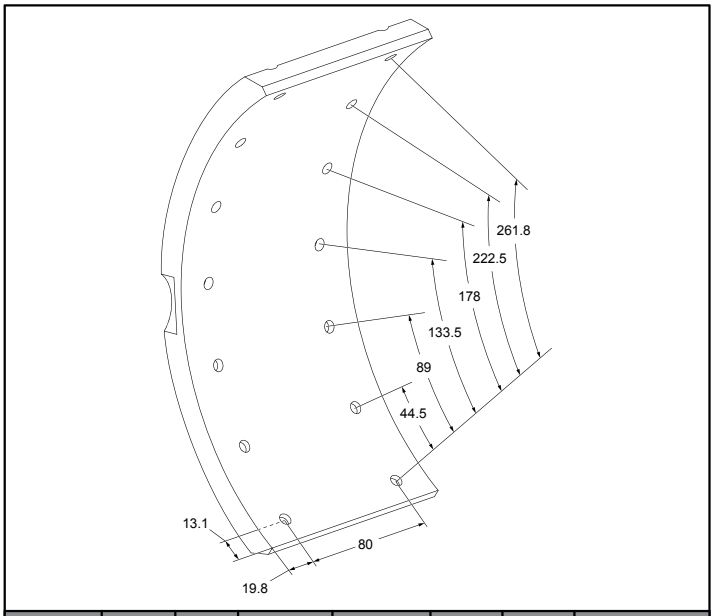


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17481.0	17481	420	421.5	125	12.3	12.3	

K17635.0 (17 635 + 17 636)

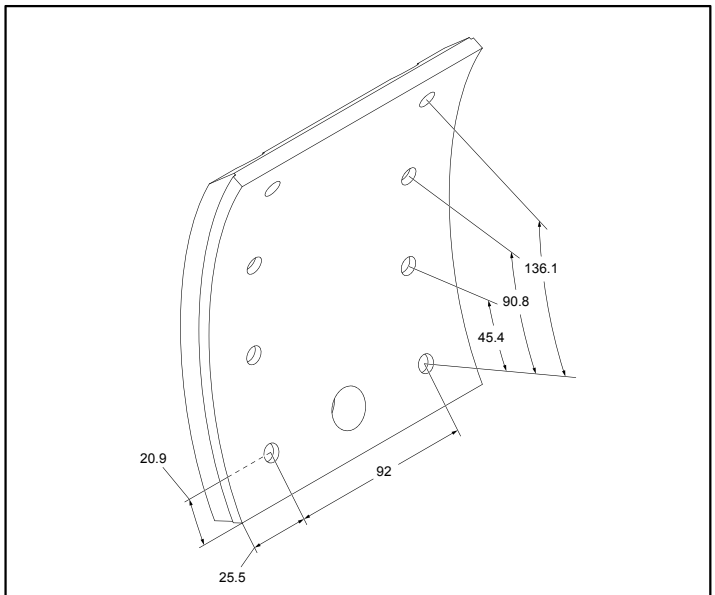


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17635.0	17635	325	248.5	119.5	11.9	11.9	



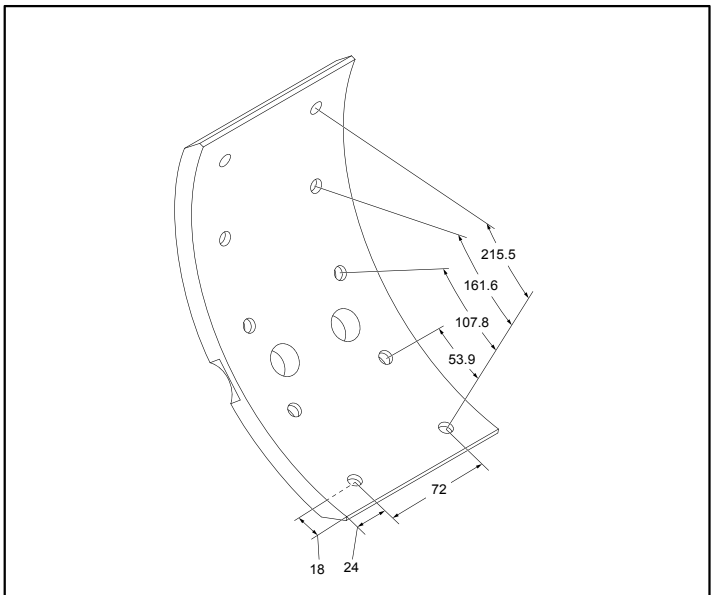
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17635.0	17636	325	288	119.5	11.9	11.9	

K17683.9 (17 238)



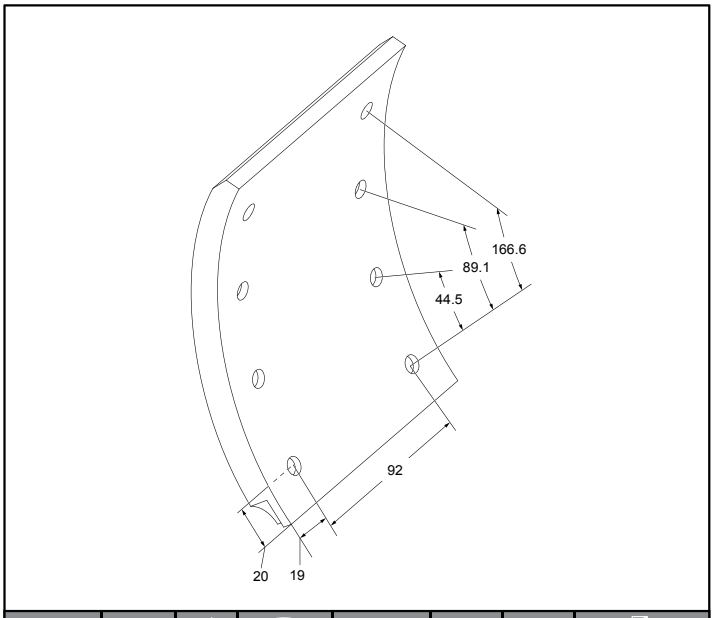
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17683.9	17238	410	178	143	12.7	16.8	

K17928.3 (17 280)

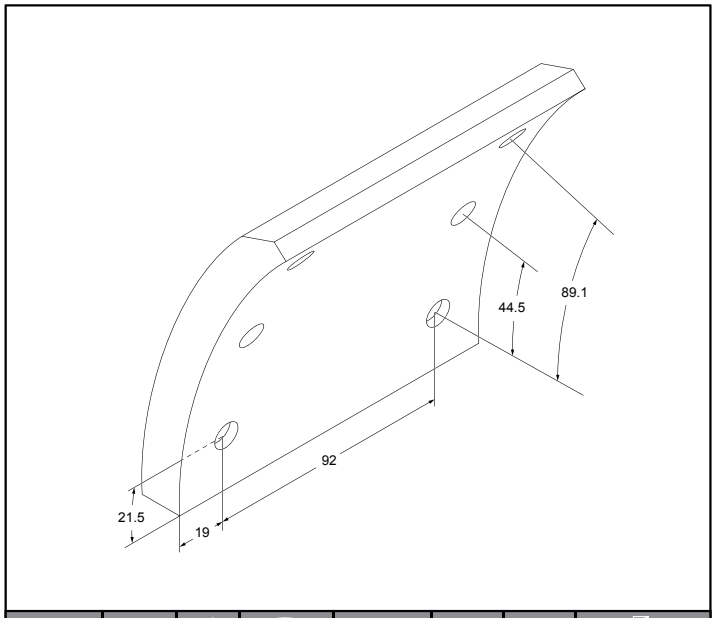


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17928.3	17280	308	259	120	10.2	12.5	

K17949.0 (17 290 + 17 950)

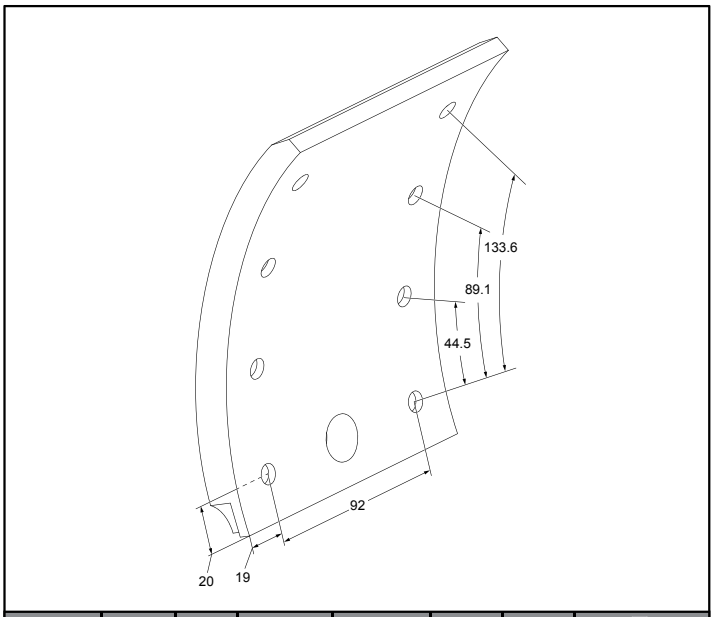


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17949.0	17949	360	173.5	130	8.8	13.1	

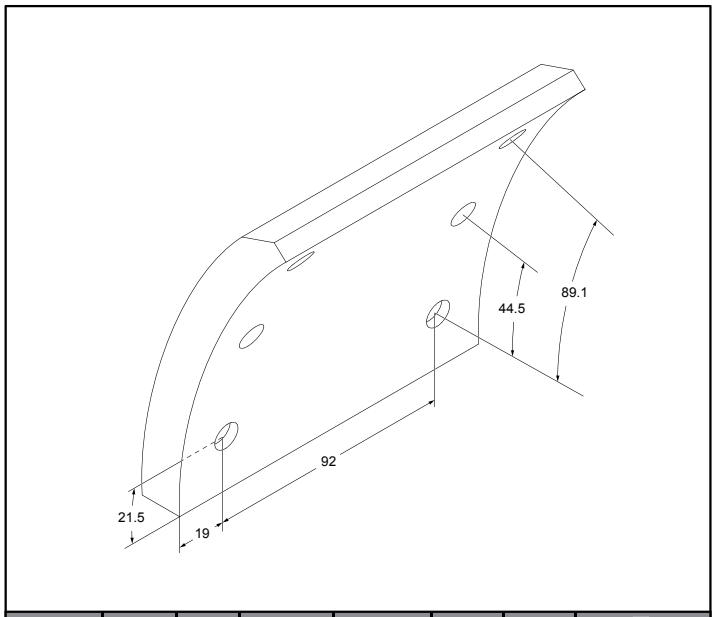


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17949.0	17950	360	130.5	130	11.8	13.4	

K17949.3 (17 290 + 17 950)

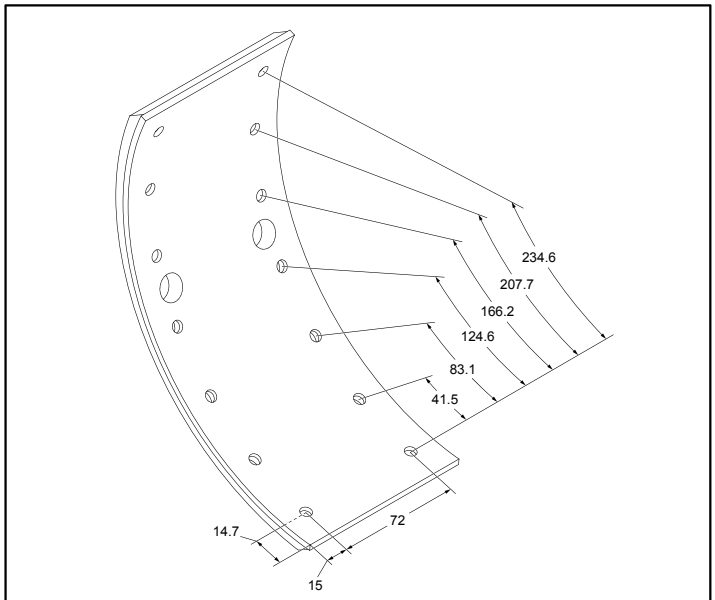


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17949.3	17290	364	173.5	130	8.8	13.1	

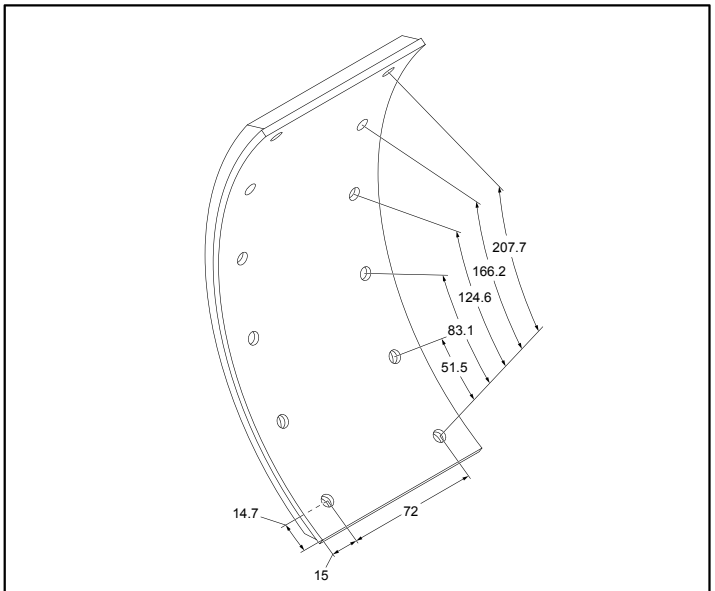


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17949.3	17950	364	130.5	130	11.8	13.4	

K17973.0 (17 350 + 17 973)

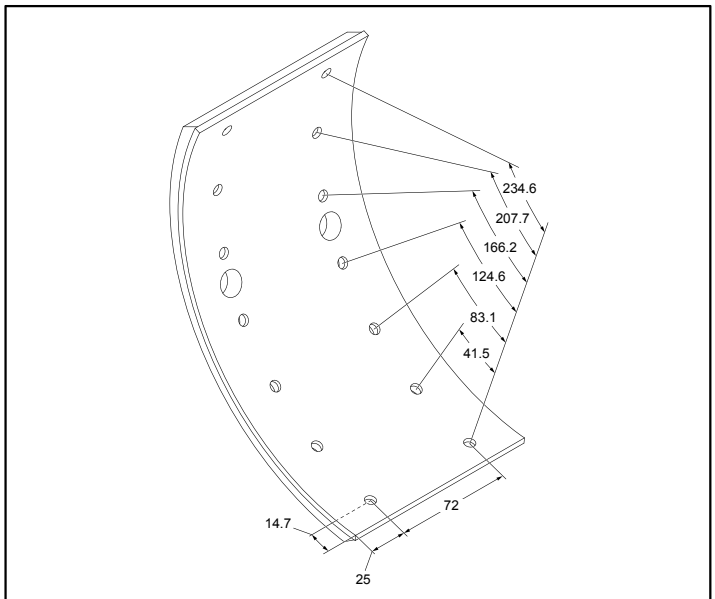


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17973.0	17350	300	264	102.5	9.2	9.2	

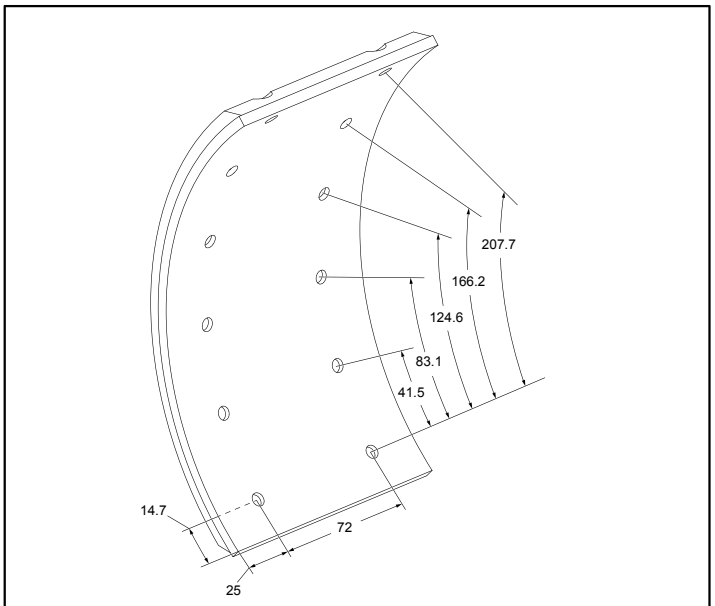


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17973.0	17973	300	237	102.5	9.2	9.2	

K17975.0 (17 351 + 17 975)

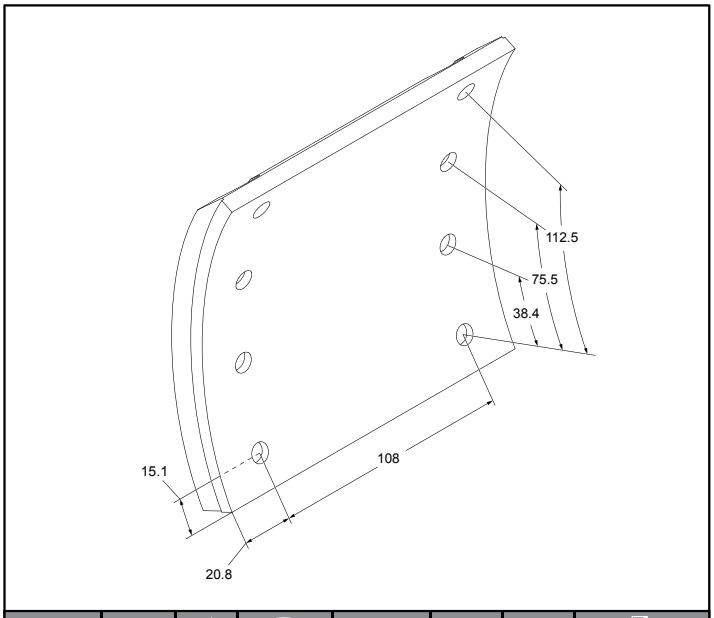


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17975.0	17351	300	264	122.5	9.2	9.2	



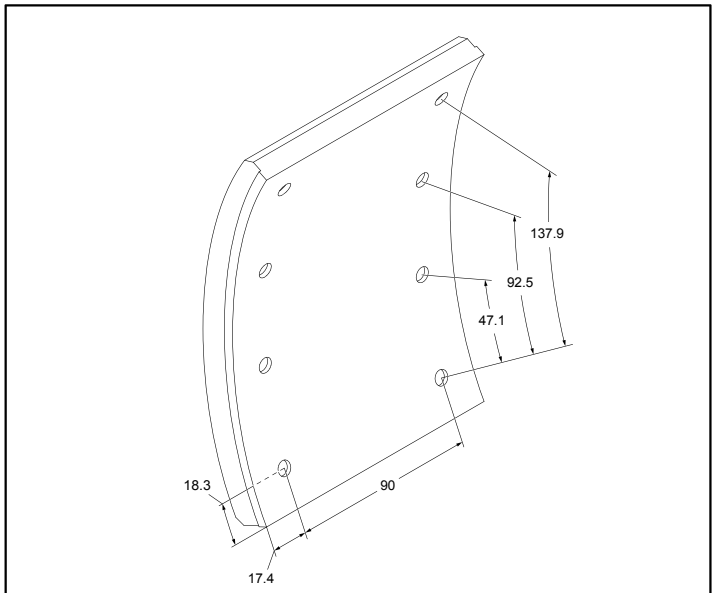
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17975.0	17975	300	237	122.5	9.2	9.2	

K17988.0 (17 988)



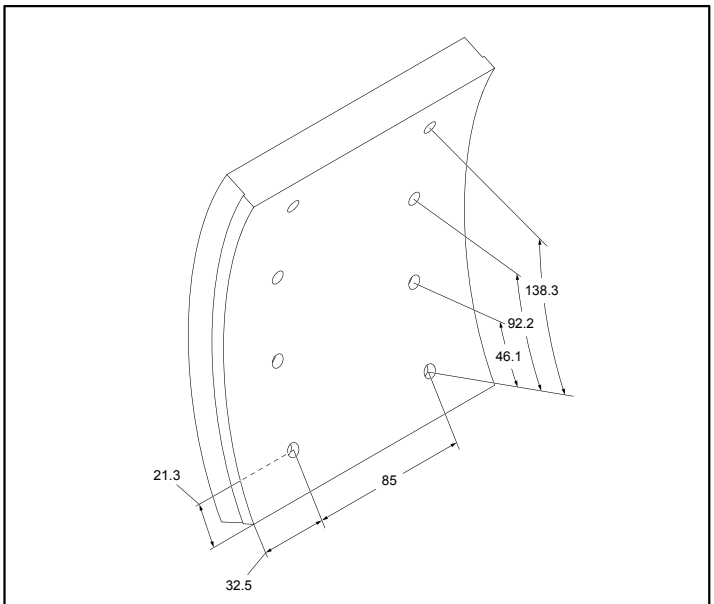
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17988.0	17988	325	142	149.5	12.6	16.3	

K17992.0 (17 992)

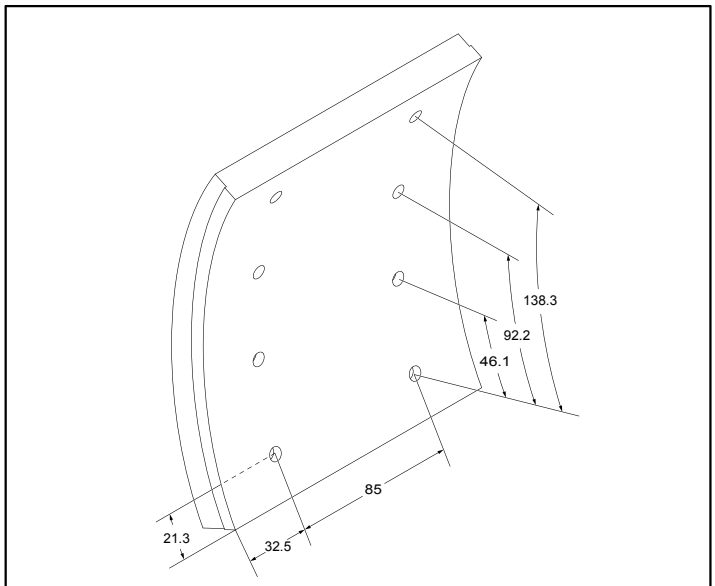


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K17992.0	17992	410	178	124.5	13.2	17.8	

K19010.0 (19 010 + 19 011)

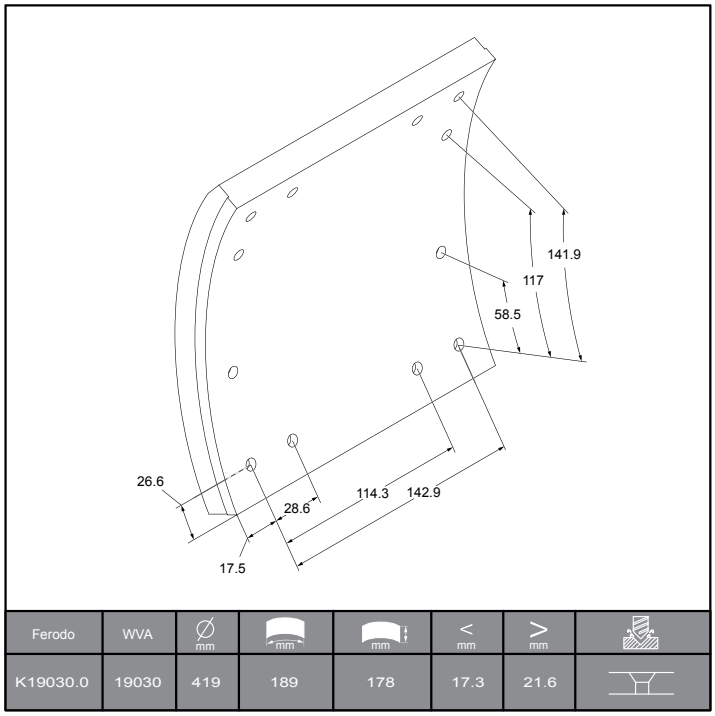


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19010.0	19010	420	176.5	150	17.8	20.6	

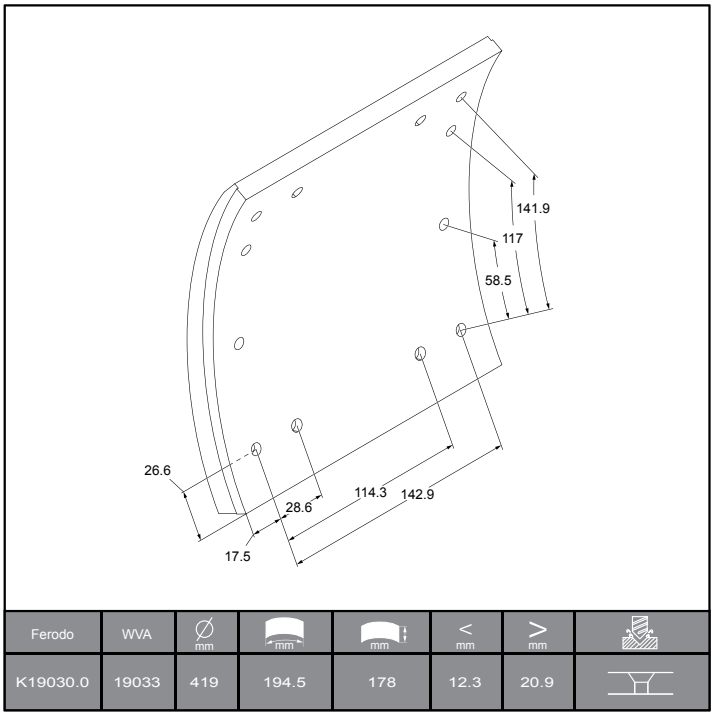


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19010.0	19011	420	180	150	13.3	19.9	

K19030.0 (19 030 + 19 033)

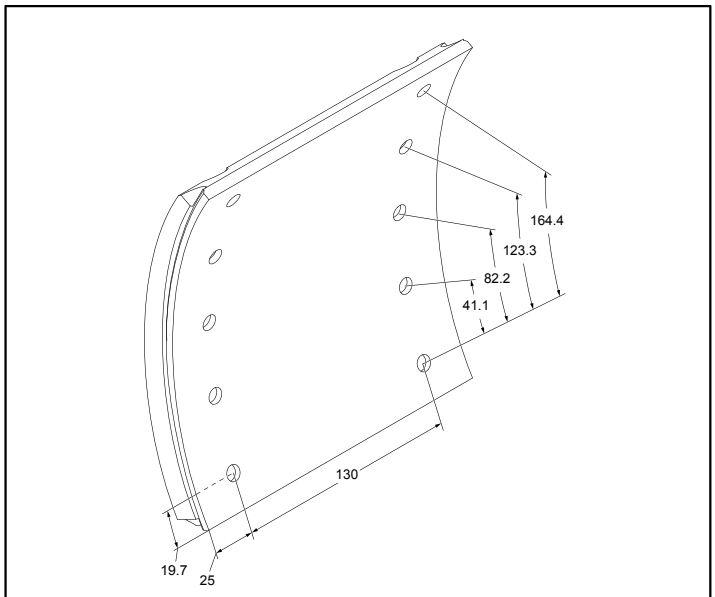


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19030.0	19030	419	189	178	17.3	21.6	



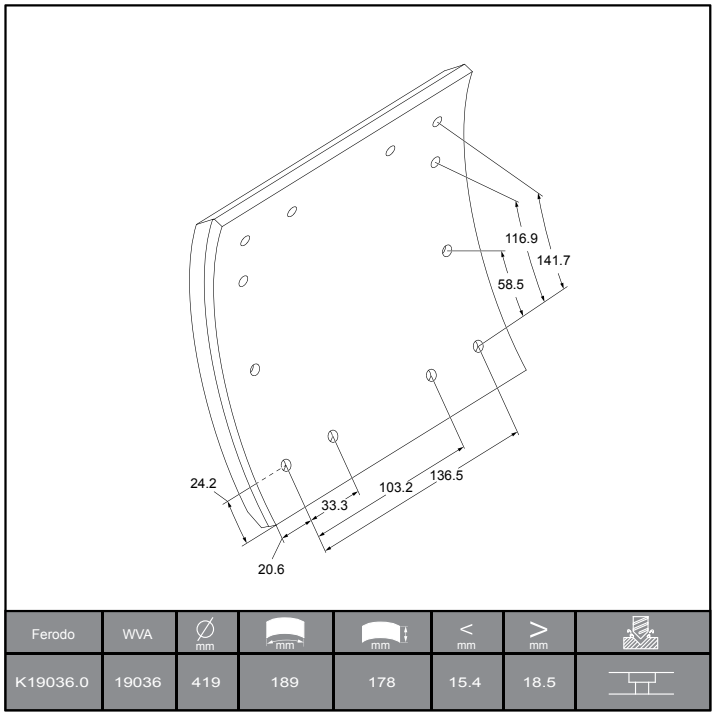
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19030.0	19033	419	194.5	178	12.3	20.9	

K19032.0 (19 032)

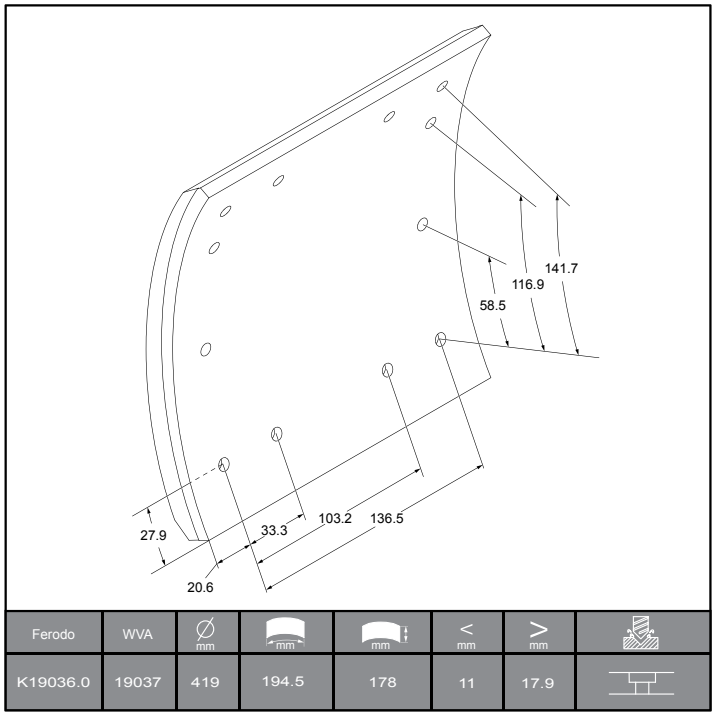


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19032.0	19032	420	203.5	180	11.1	16.8	

K19036.0 (19 036 + 19 037)

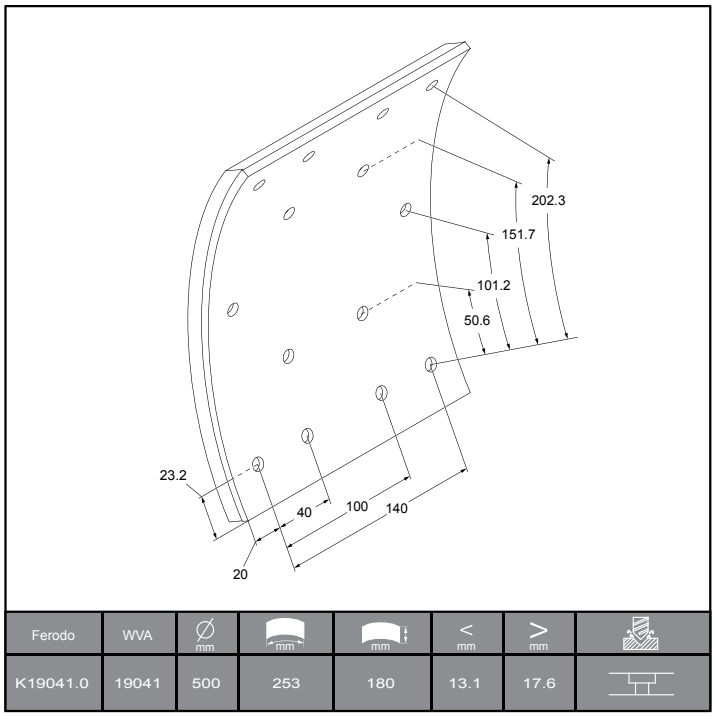


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19036.0	19036	419	189	178	15.4	18.5	



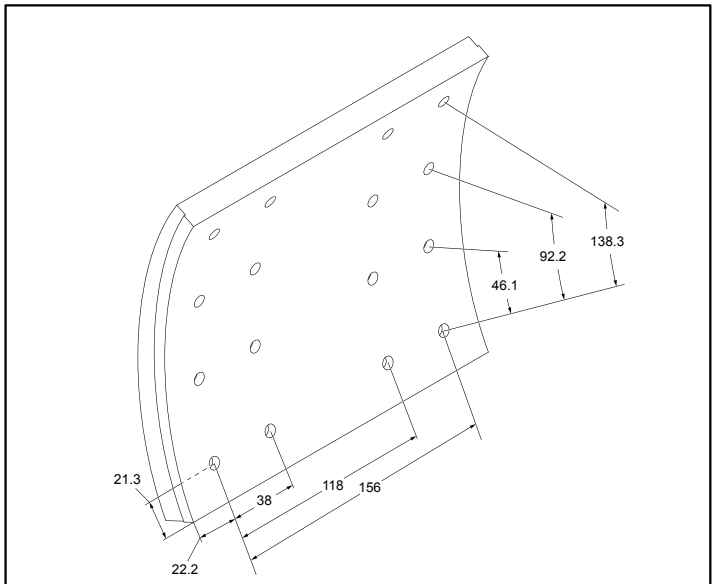
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19036.0	19037	419	194.5	178	11	17.9	

K19041.0 (19 041)

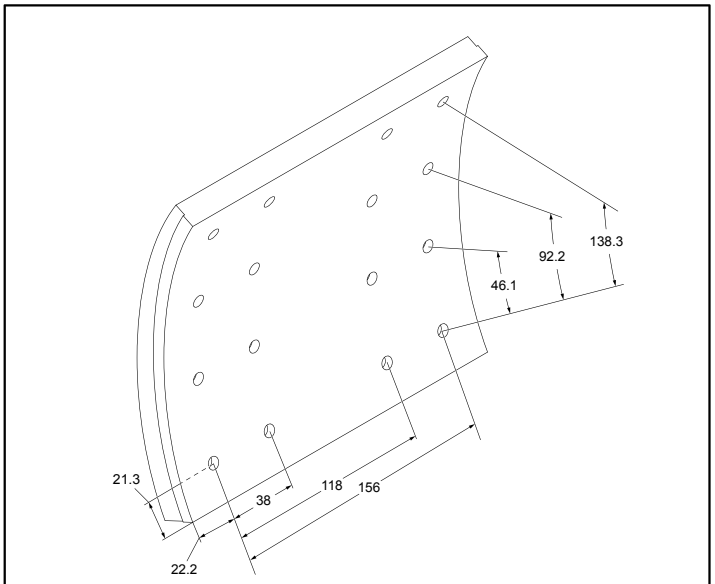


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19041.0	19041	500	253	180	13.1	17.6	

K19063.0 (19 063 + 19 064)

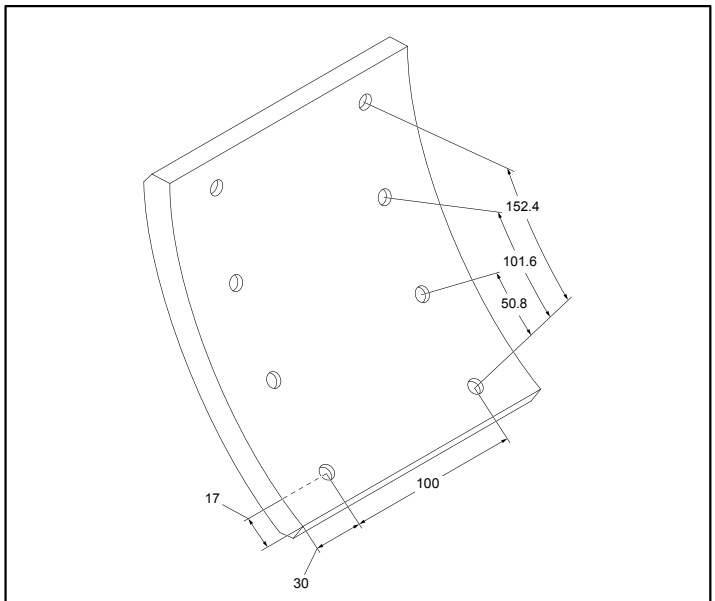


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19063.0	19063	420	180	200.5	13.3	19.9	



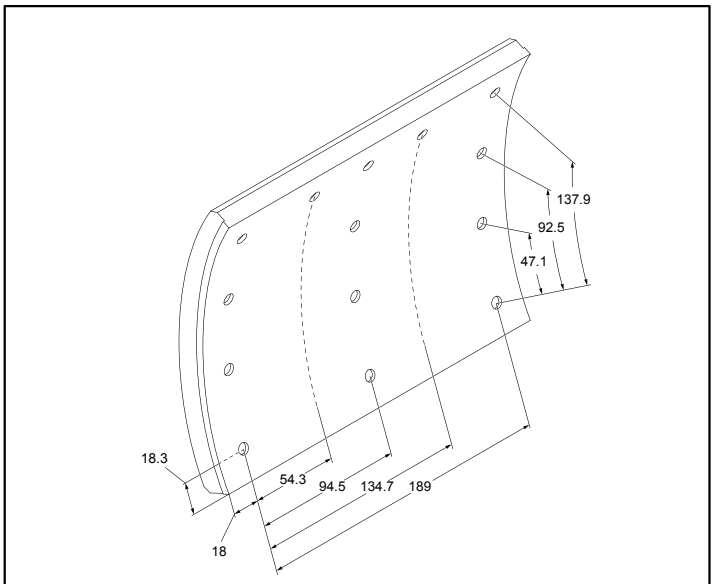
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19063.0	19063	420	180	200.5	13.3	19.9	

K19065.0 (19 065)



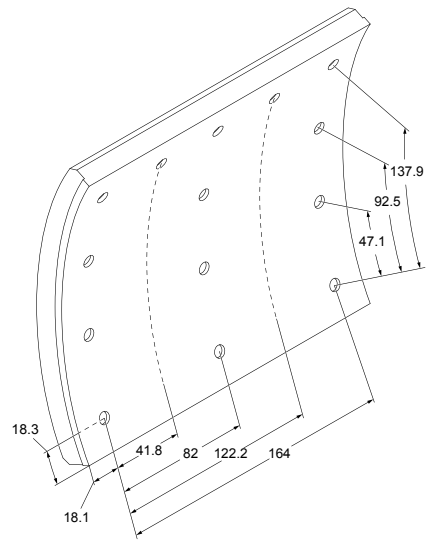
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19065.0	19065	420	186	160	14.8	14.8	

K19068.0 (19 068)



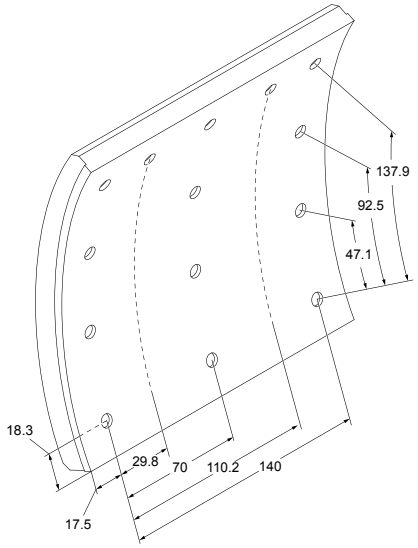
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19068.0	19068	410	177	225	13.3	17.8	

K19071.0 (19 071)



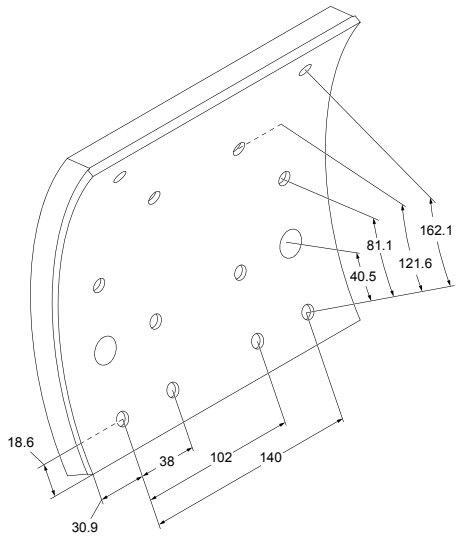
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19071.0	19071	410	178	200	13.3	17.8	

K19090.0 (19 090)

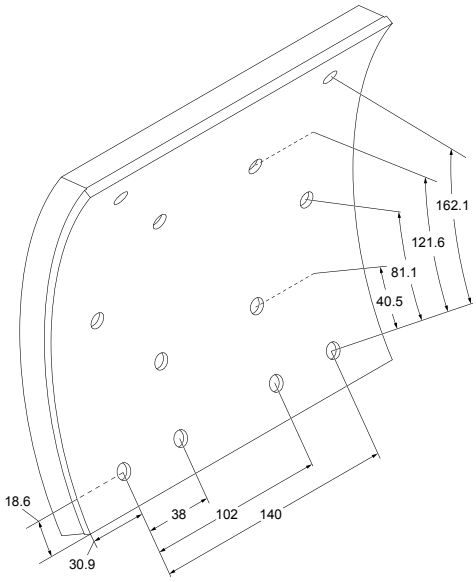


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19090.0	19090	410	177	175	13.3	17.8	

K19091.0 (19 091 + 19 098)

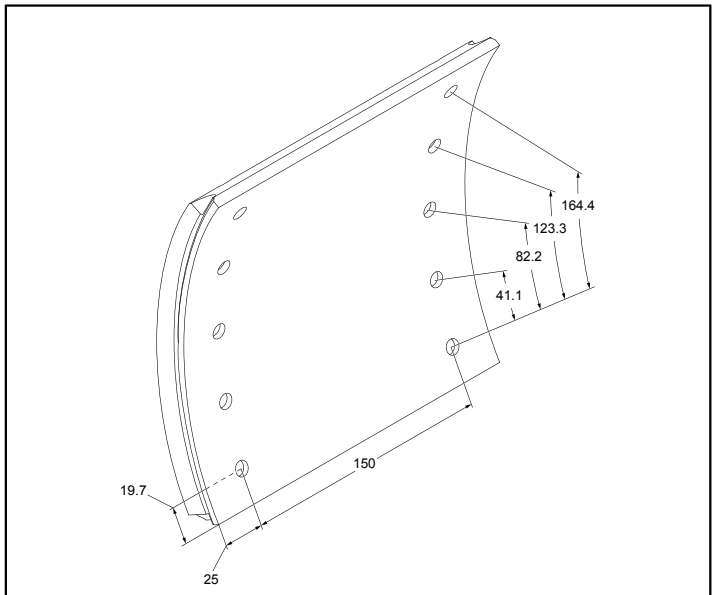


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19091.0	19091	410	204.5	202	17	21.7	



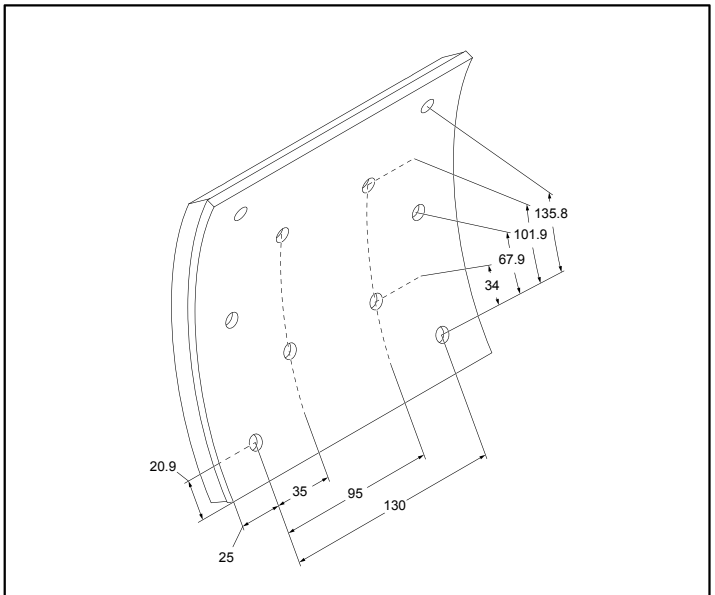
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19091.0	19098	410	204.5	202	17	21.7	

K19094.0 (19 094)



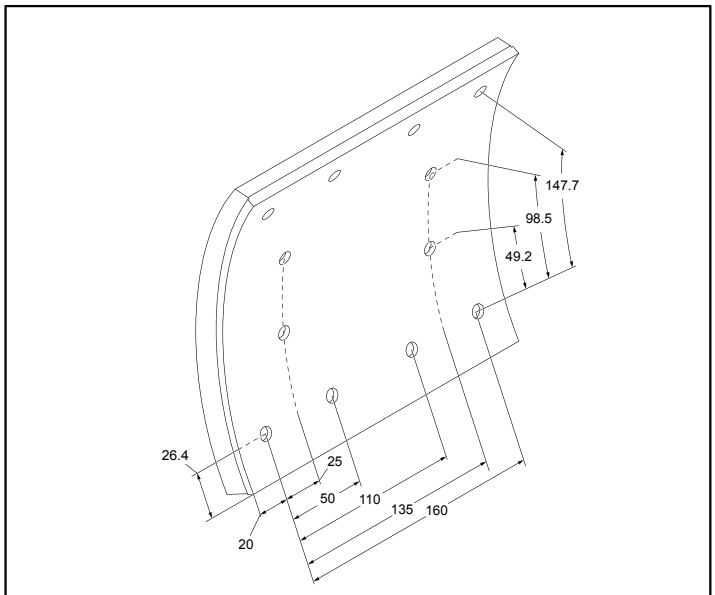
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19094.0	19094	420	203.5	200	11.1	16.8	

K19113.0 (19 113)

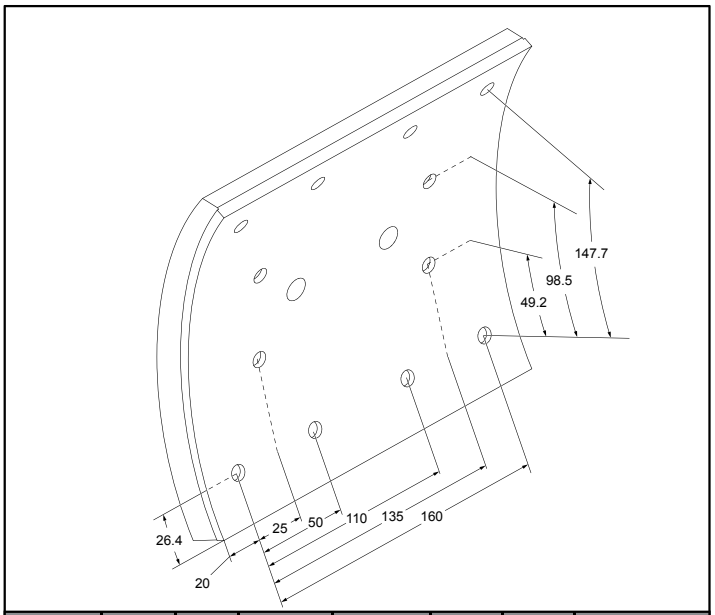


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19113.0	19113	410	177.5	180	14.7	18.8	

K19116.0 (19 116 + 19 119)

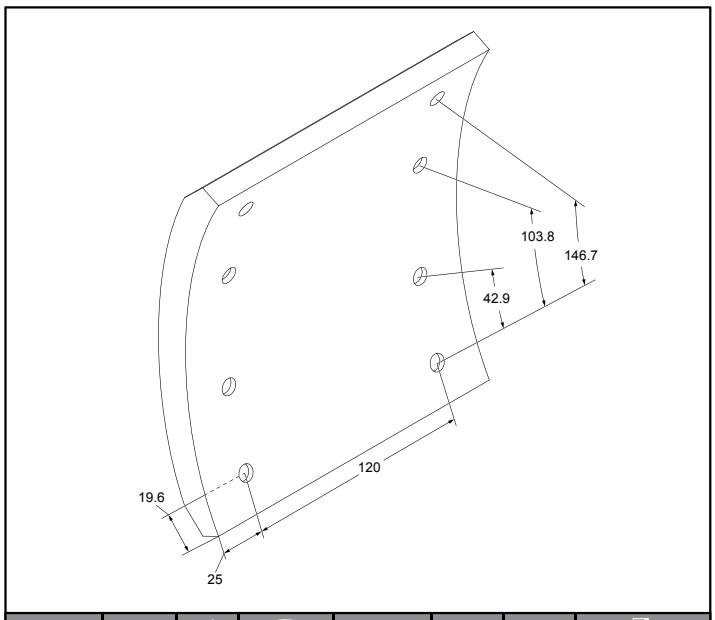


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19116.0	19116	410	195.5	200	13.8	21.3	



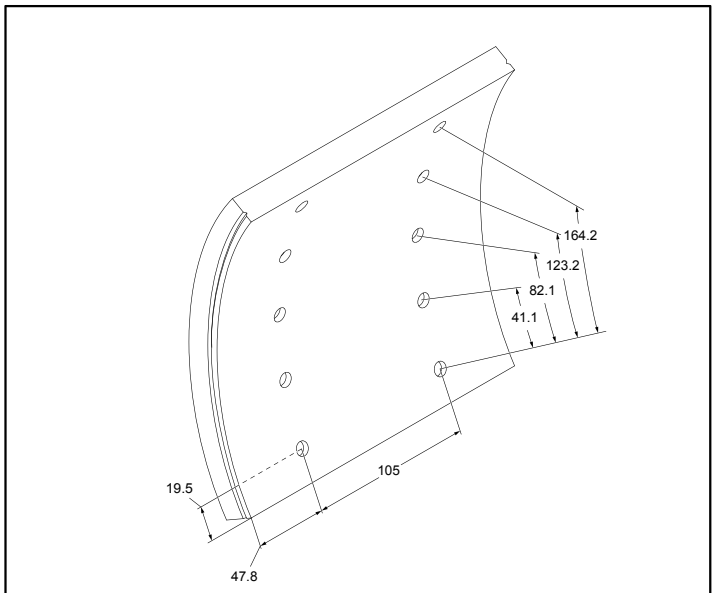
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19116.0	19119	410	195.5	200	13.8	21.3	

K19160.0 (19 160)

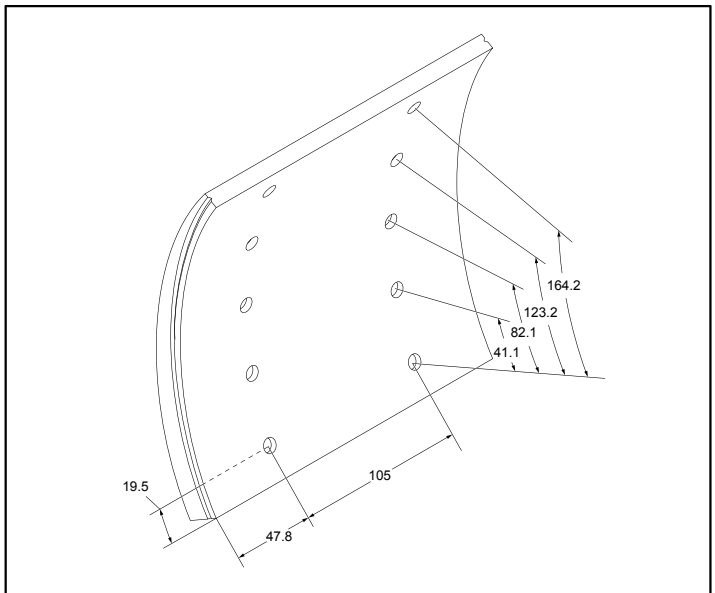


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19160.0	19160	440	186	170	14.9	14.9	

K19166.0 (19 166 + 19 167)

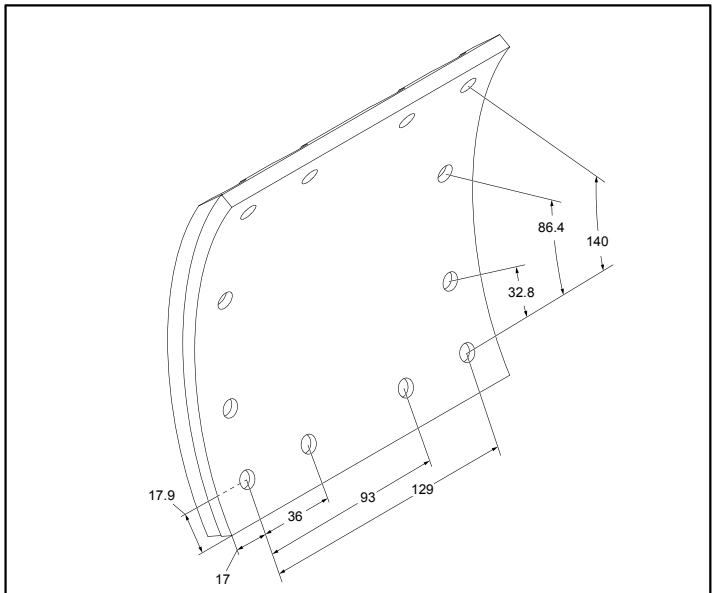


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19166.0	19166	400	204.5	200.5	14.8	18.9	



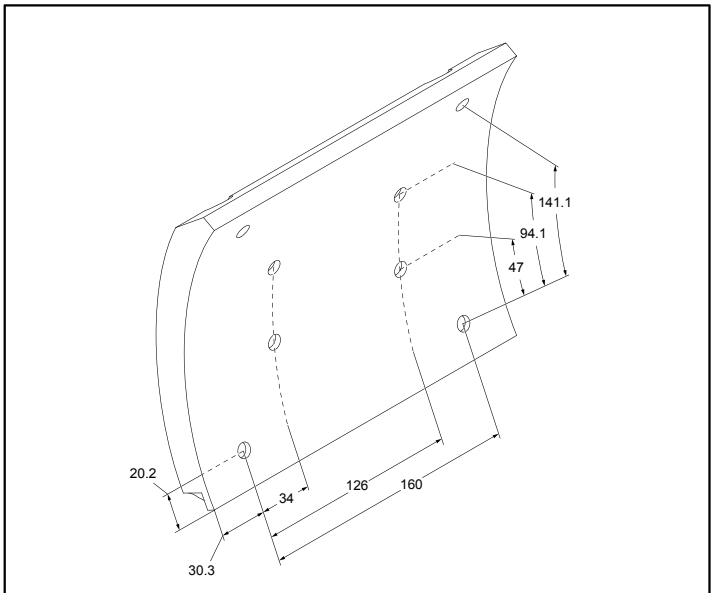
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19166.0	19167	400	204.5	200.5	7	18.2	

K19177.0 (19 177)



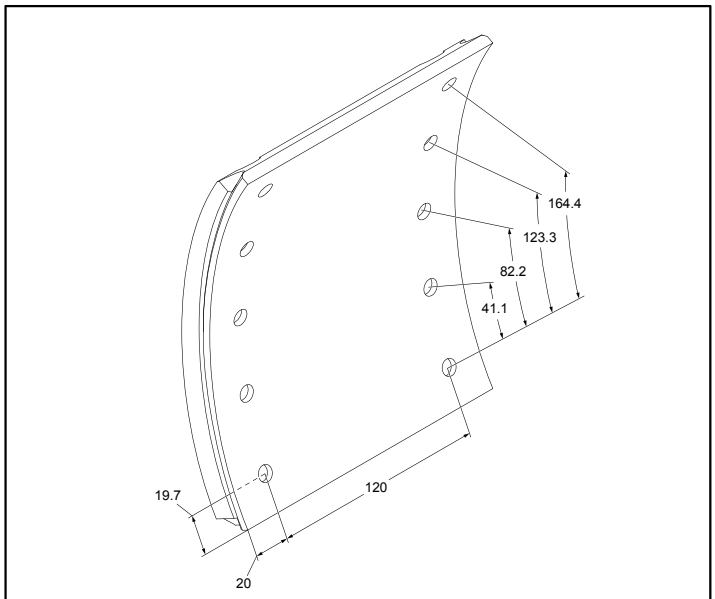
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19177.0	19177	360	174.5	163	12.2	15.8	

K19187.0 (19 187)



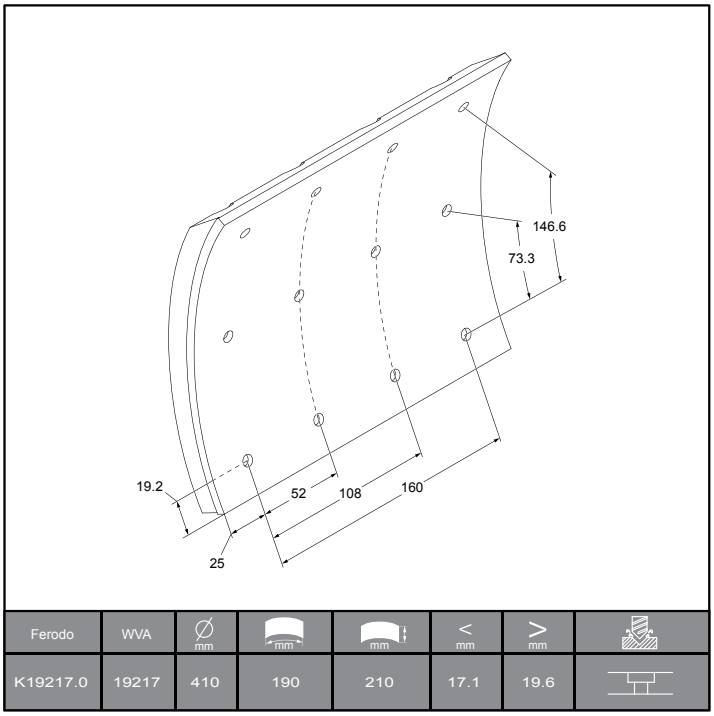
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19187.0	19187	414	184	220.5	18.3	18.3	

K19200.0 (19 200)

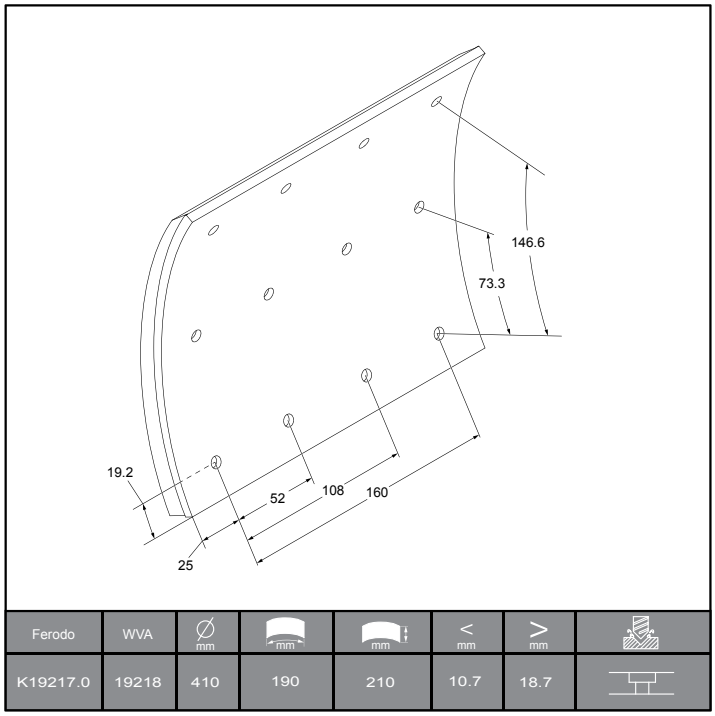


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19200.0	19200	420	203.5	160	12	17.6	

K19217.0 (19 217 + 19 218)

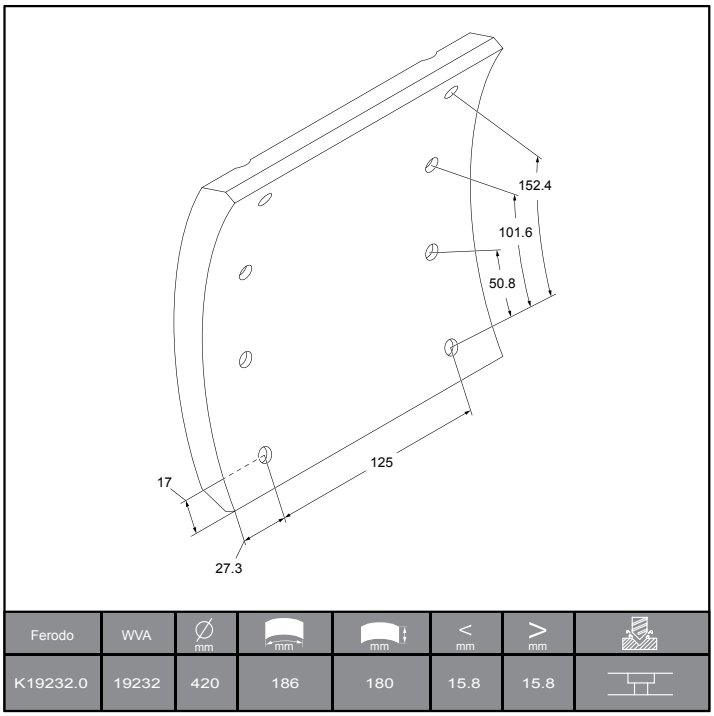


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19217.0	19217	410	190	210	17.1	19.6	



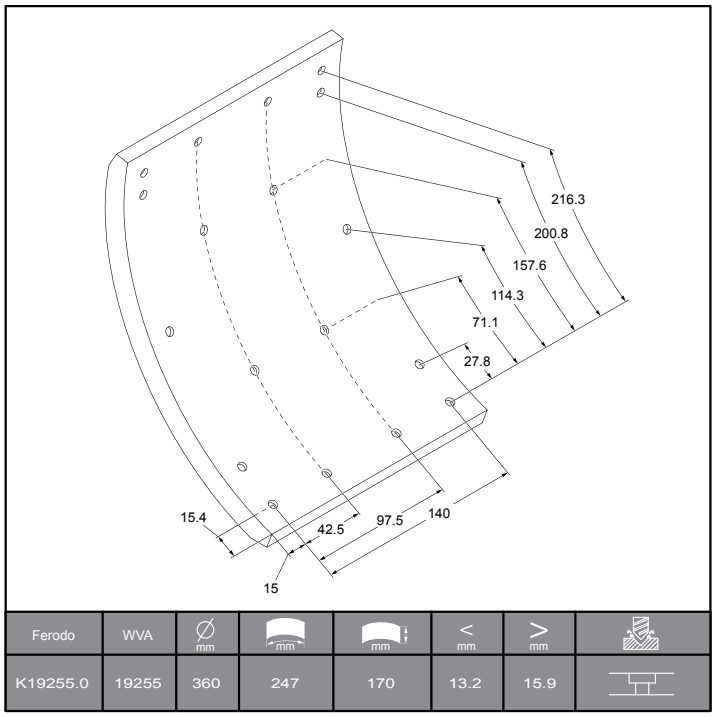
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19217.0	19218	410	190	210	10.7	18.7	

K19232.0 (19 232)



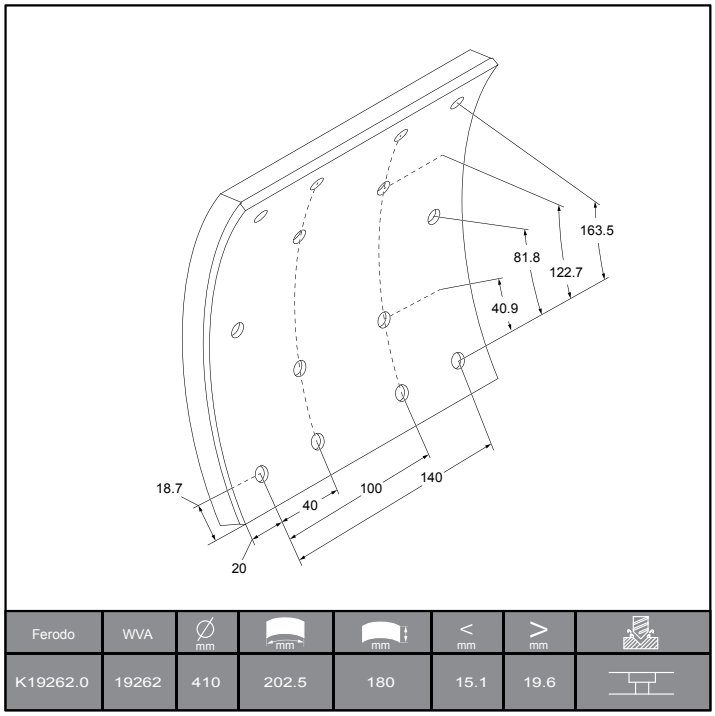
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19232.0	19232	420	186	180	15.8	15.8	

K19255.0 (19 255)

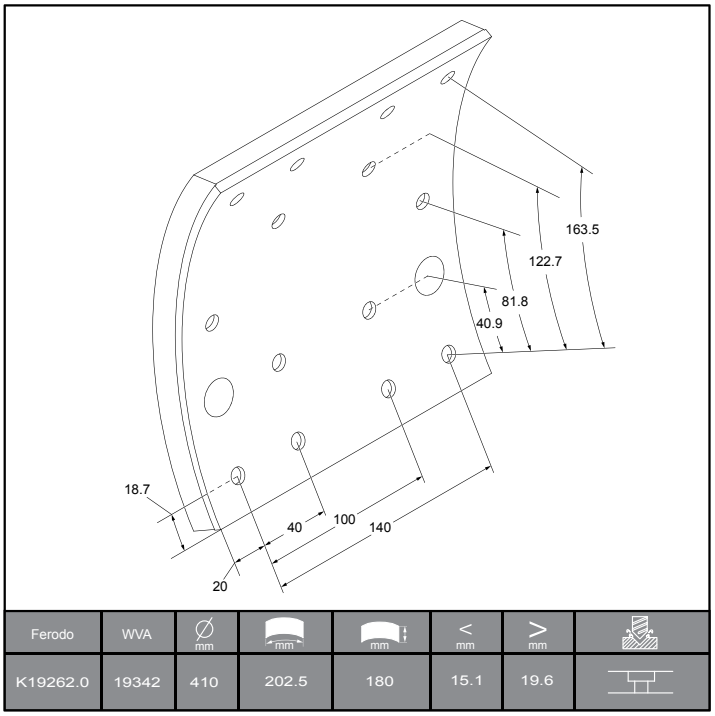


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19255.0	19255	360	247	170	13.2	15.9	

K19262.0 (19 262 + 19 342)

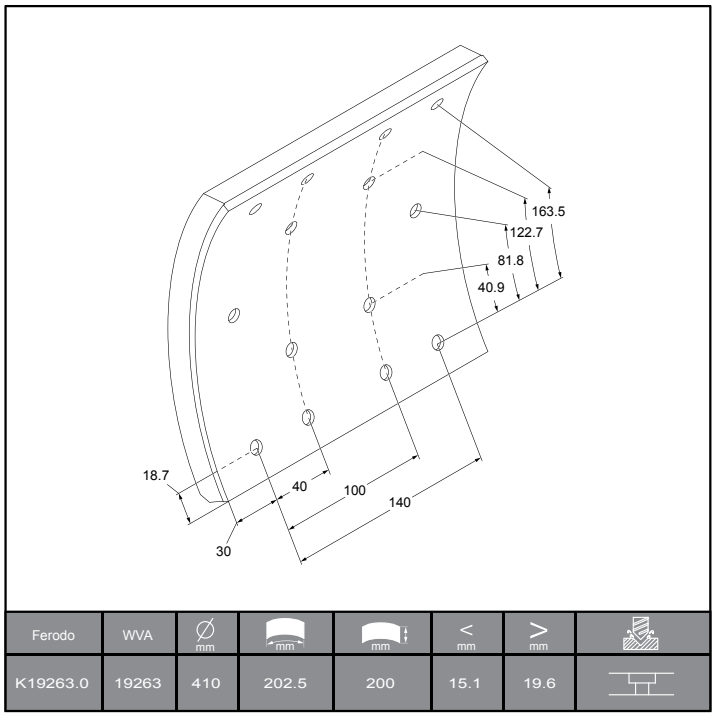


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19262.0	19262	410	202.5	180	15.1	19.6	

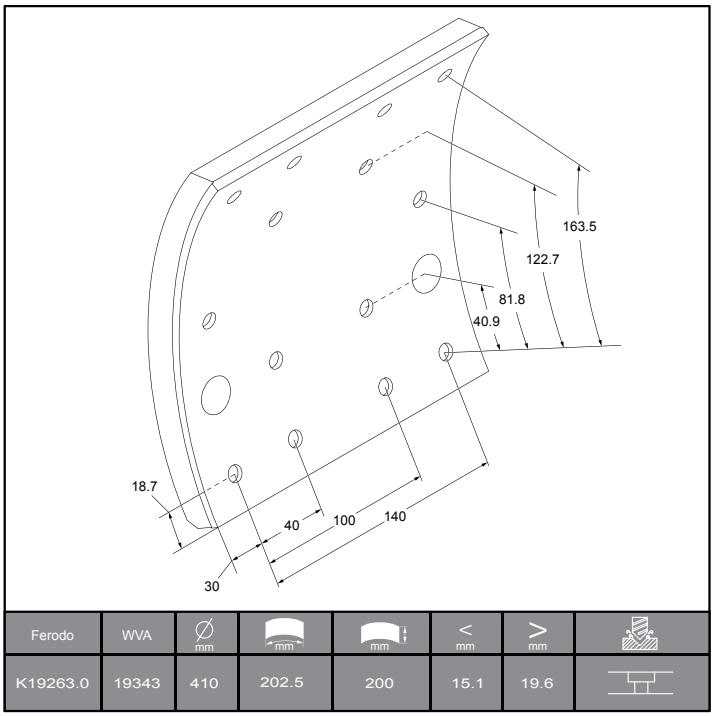


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19262.0	19342	410	202.5	180	15.1	19.6	

K19263.0 (19 343 + 19 263)

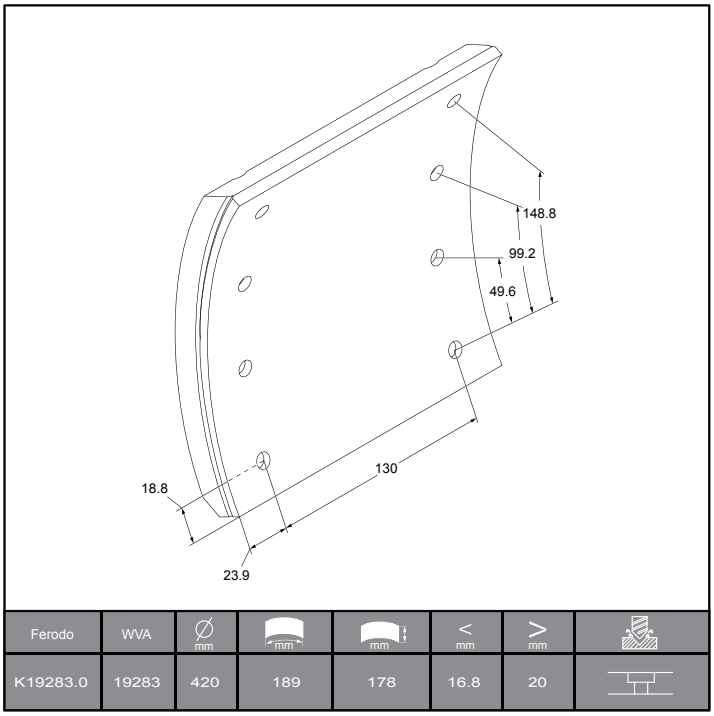


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19263.0	19263	410	202.5	200	15.1	19.6	

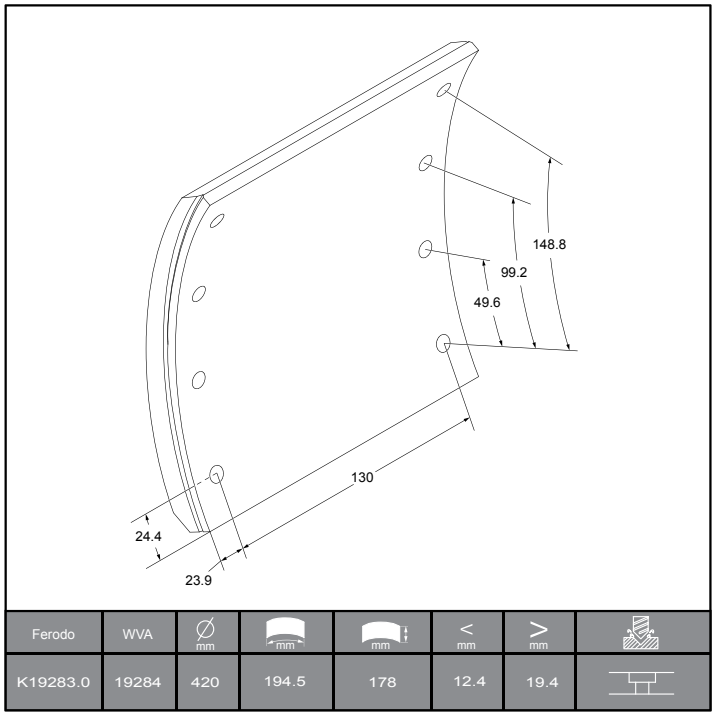


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19263.0	19343	410	202.5	200	15.1	19.6	

K19283.0 (19 283 + 19 284)

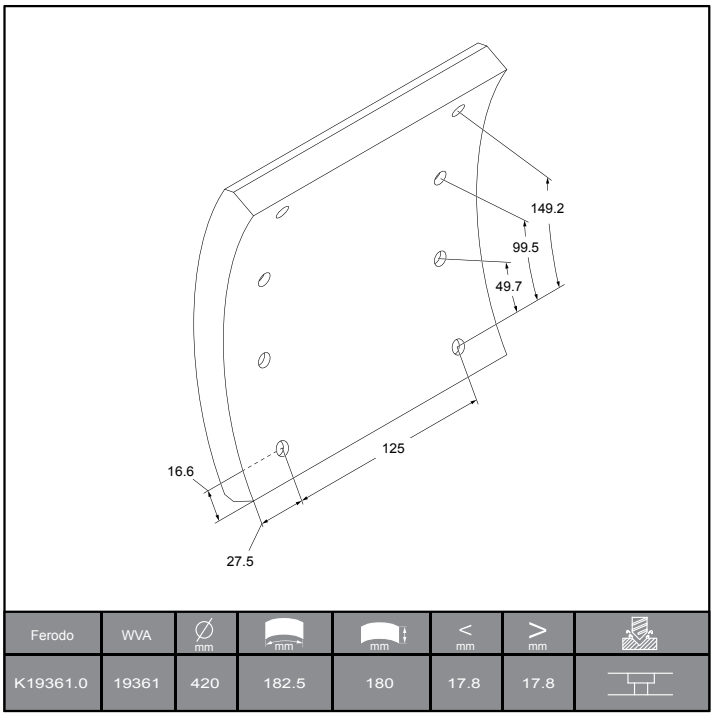


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19283.0	19283	420	189	178	16.8	20	



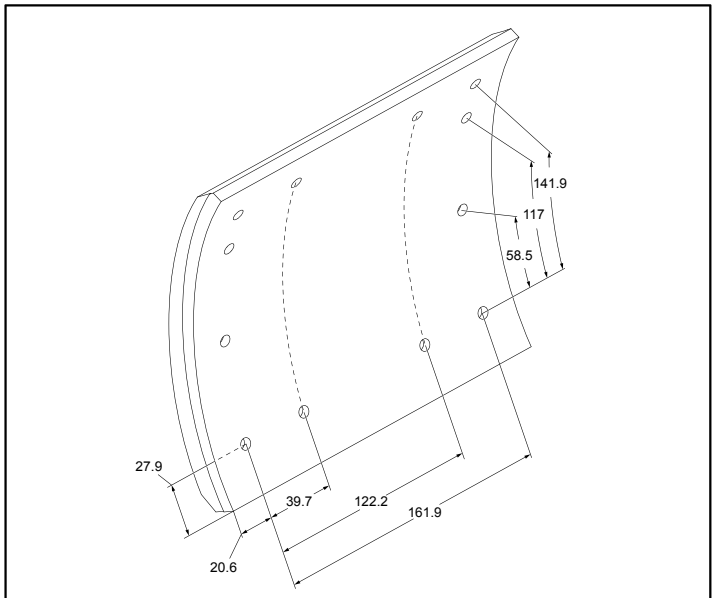
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19283.0	19284	420	194.5	178	12.4	19.4	

K19361.0 (19 361)

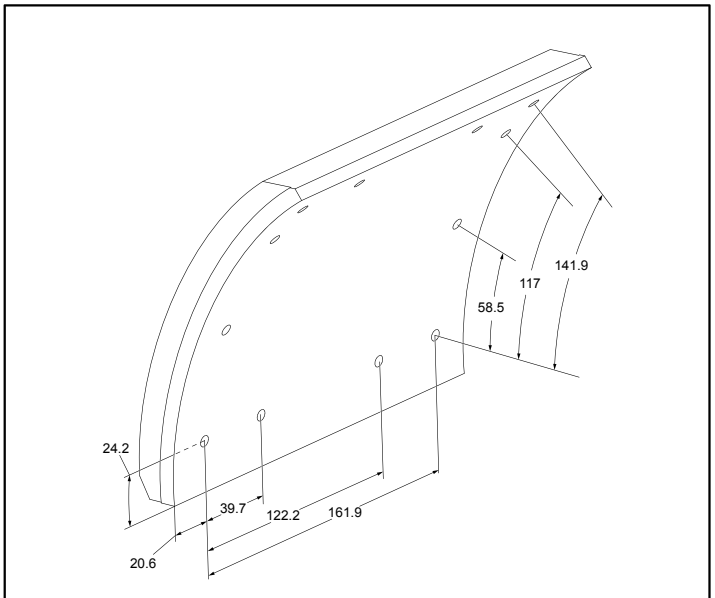


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19361.0	19361	420	182.5	180	17.8	17.8	

K19365.0 (19 365 + 19 366)

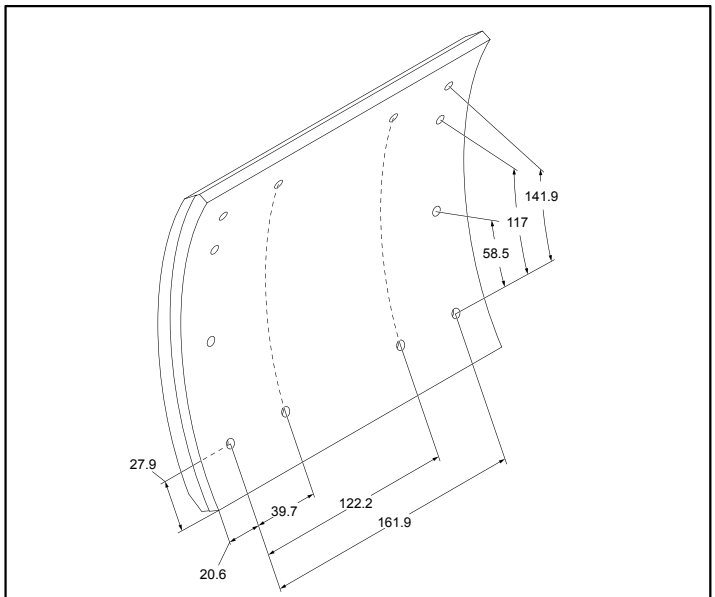


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19365.0	19365	419	194.5	203	11	17.9	

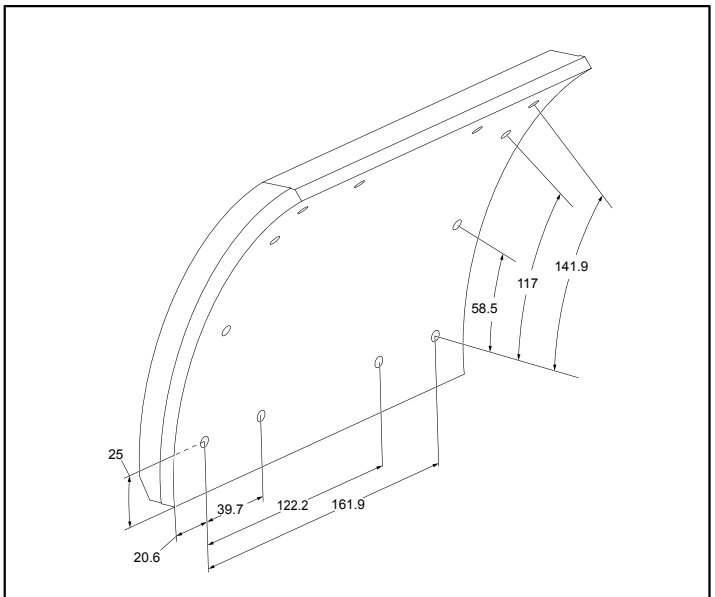


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19365.0	19366	419	189	203	15.2	18.6	

K19366.0 (19 365 + 19 366)

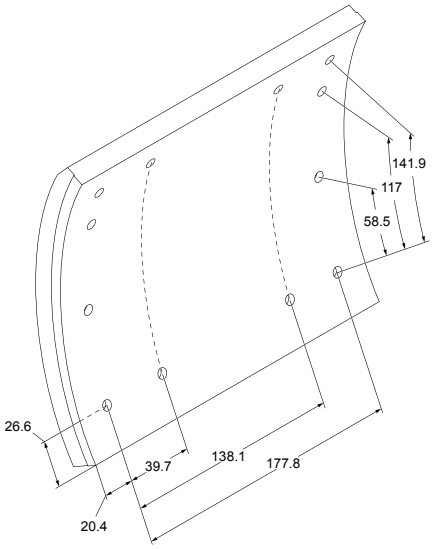


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19366.0	19365	419	194.5	203	11.5	18	

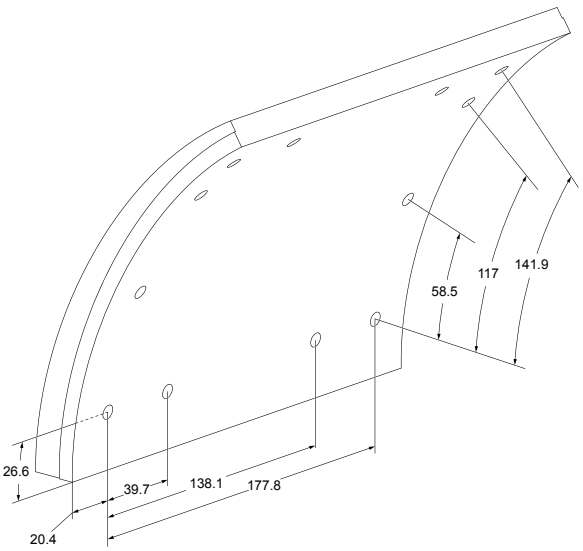


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19366.0	19366	419	189	203	15.8	18.6	

K19369.0 (19 369 + 19 370)

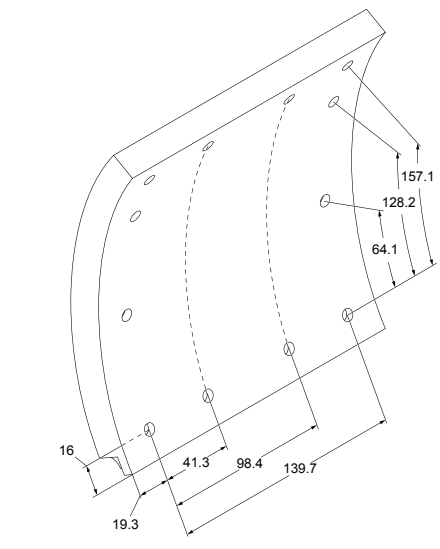


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19369.0	19842	419	189	218.5	15.3	18.7	

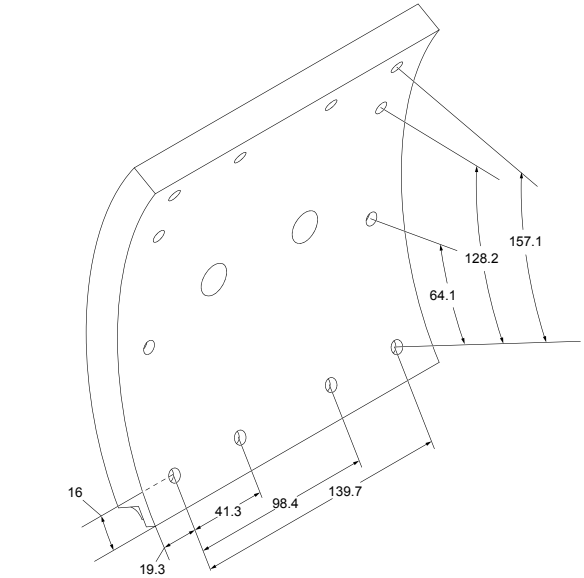


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19369.0	19843	419	194.5	218.5	11.1	18	

K19385.0 (19 384 + 19 385)

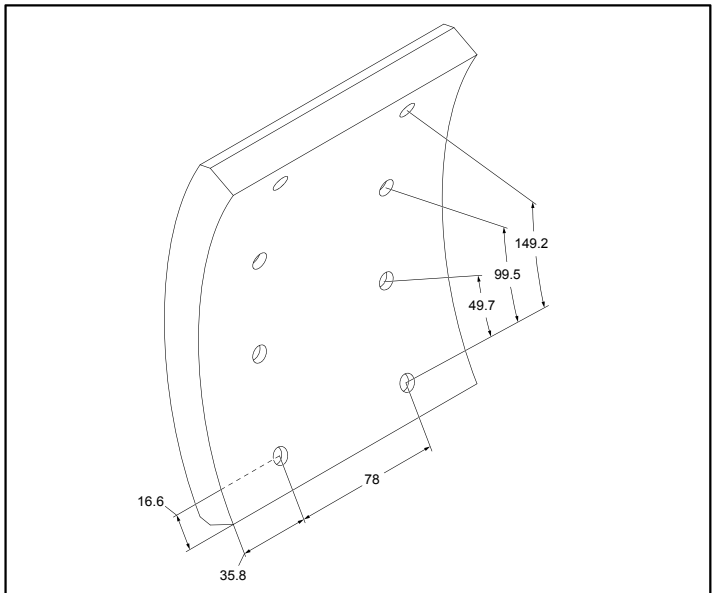


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19385.0	19384	381	189	178.5	13	17.9	



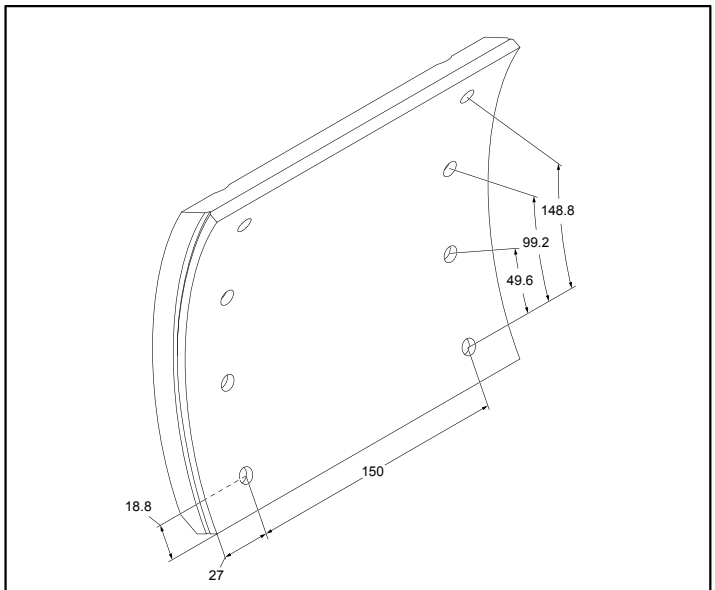
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19385.0	19385	381	189	178.5	13	17.9	

K19410.0 (19 410)

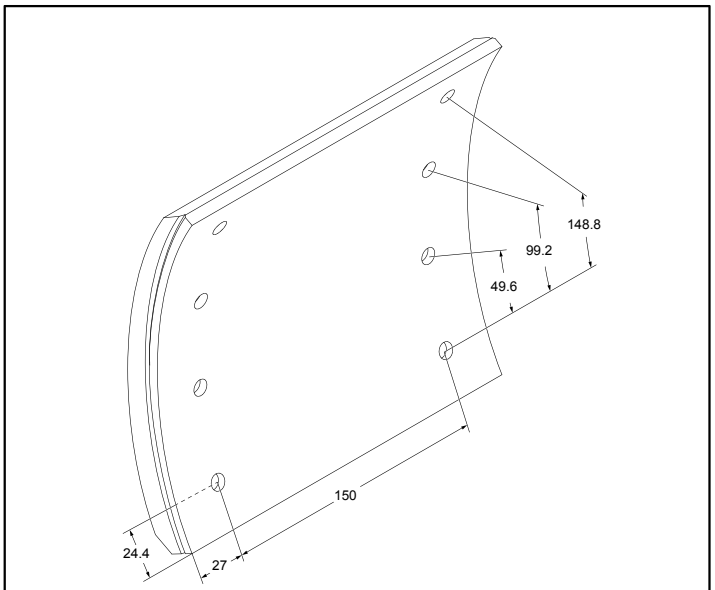


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19410.0	19410	420	182.5	150	17.8	17.8	

K19477.0 (19 477 + 19 478)

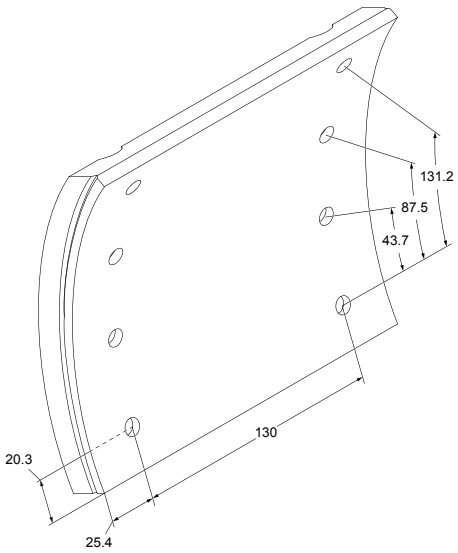


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19477.0	19477	420	189	204	16.7	19.9	

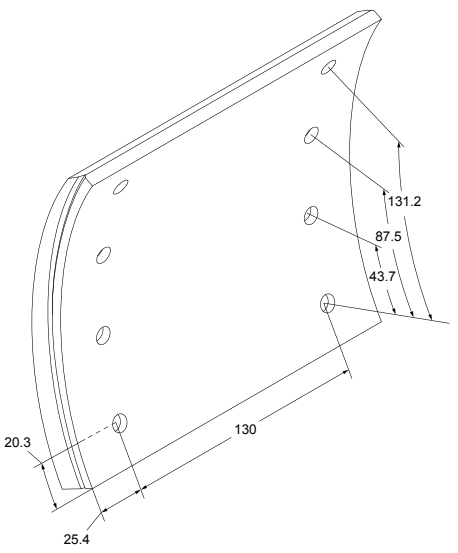


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19477.0	19478	420	194.5	204	12.3	19.3	

K19480.0 (19 479 + 19 480)

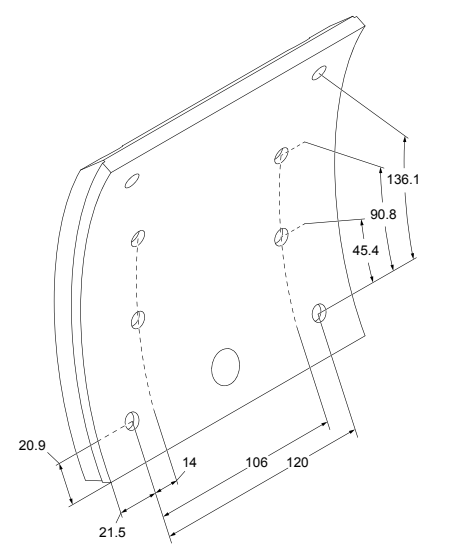


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19480.0	19479	367	170.5	181	16.1	19.9	



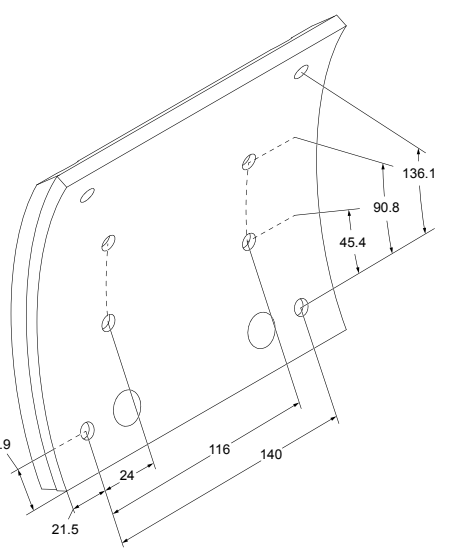
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19480.0	19480	367	170.5	181	11.2	19.1	

K19486.9 (19 494)



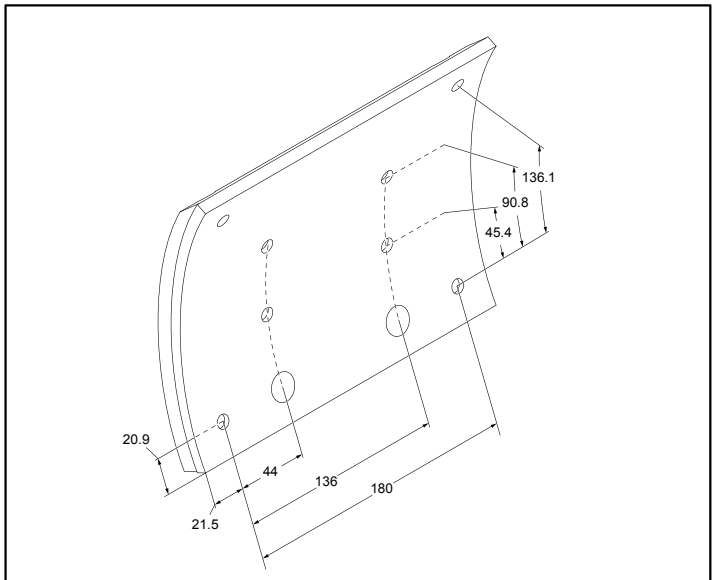
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19486.9	19494	410	178	163	12.7	16.8	

K19487.9 (19 495)



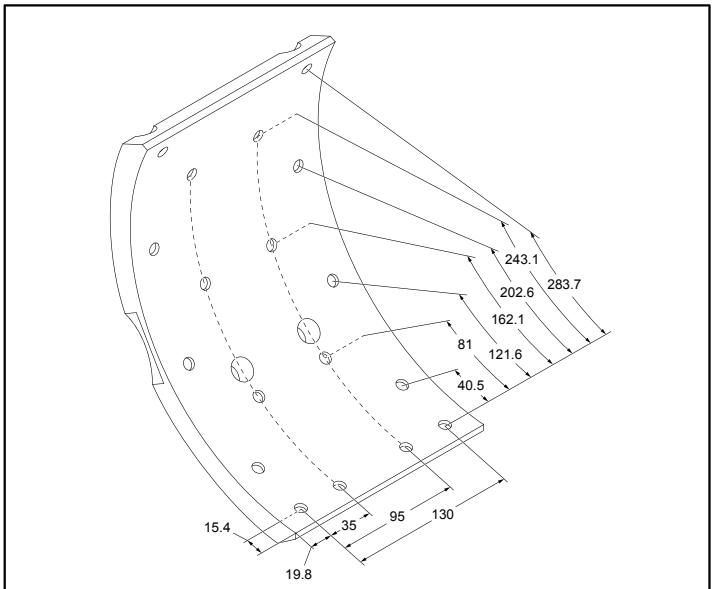
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19487.9	19495	410	178	183	12.7	16.8	

K19488.9 (19 496)



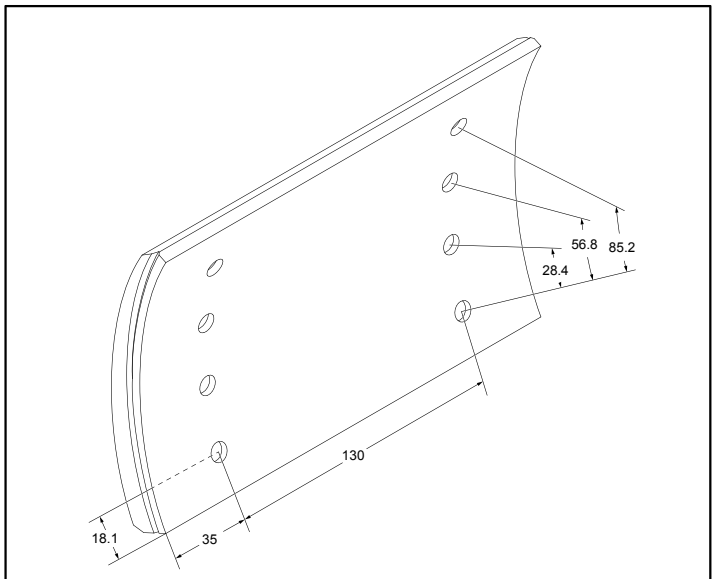
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19488.9	19496	410	178	223	12.7	16.8	

K19503.0 (19 503)

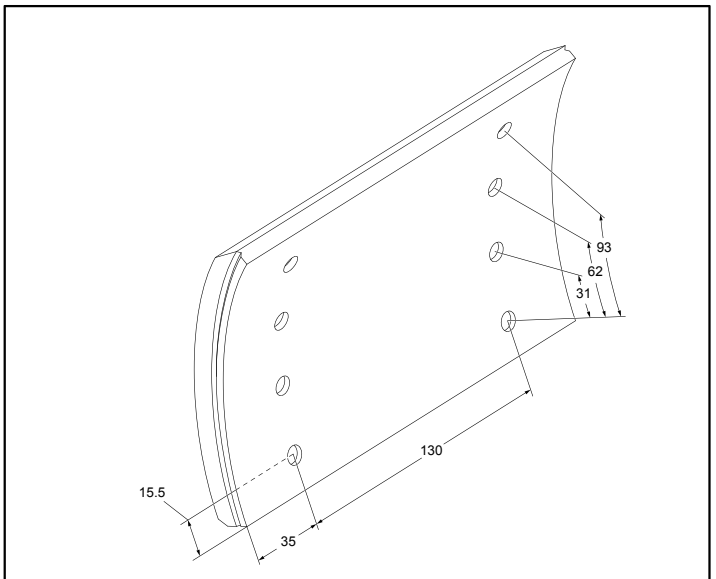


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19503.0	19503	360	314.5	169.5	16	16	

K19515.0 (19 515 + 19 516)

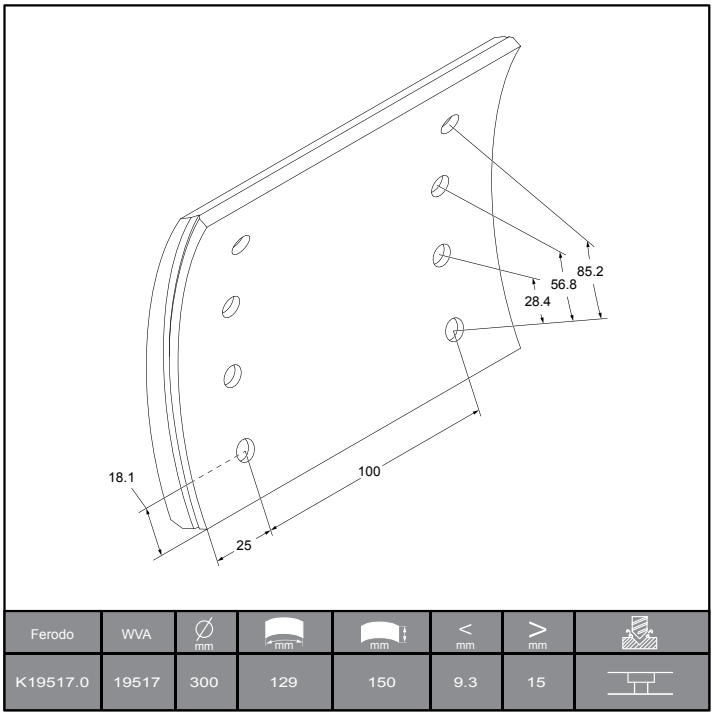


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19515.0	19515	300	129	200	9.3	15	

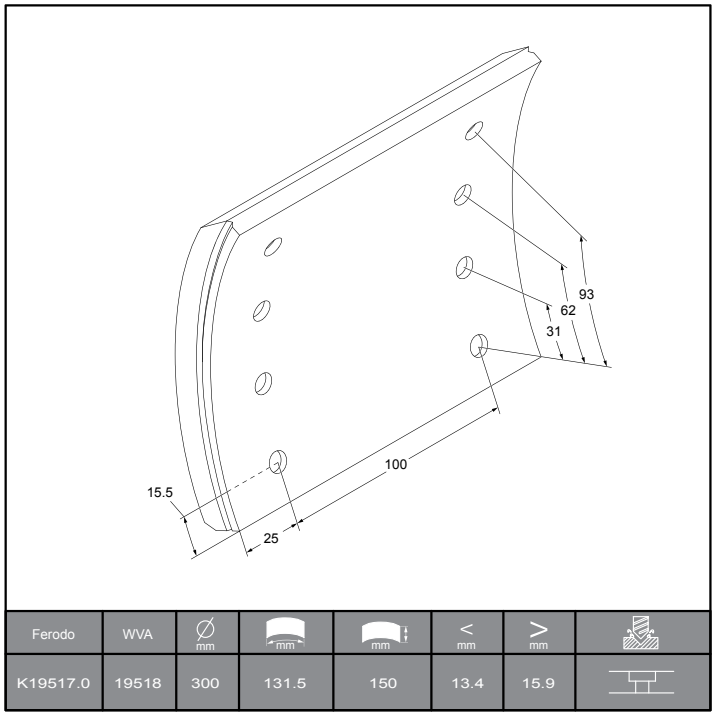


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19515.0	19516	300	131.5	200	13.4	15.9	

K19517.0 (19 517 + 19 518)

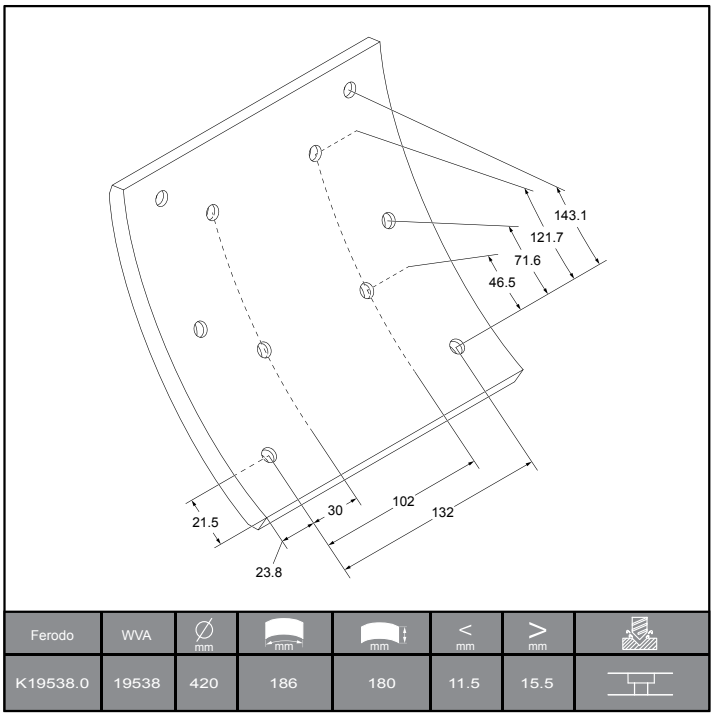


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19517.0	19517	300	129	150	9.3	15	



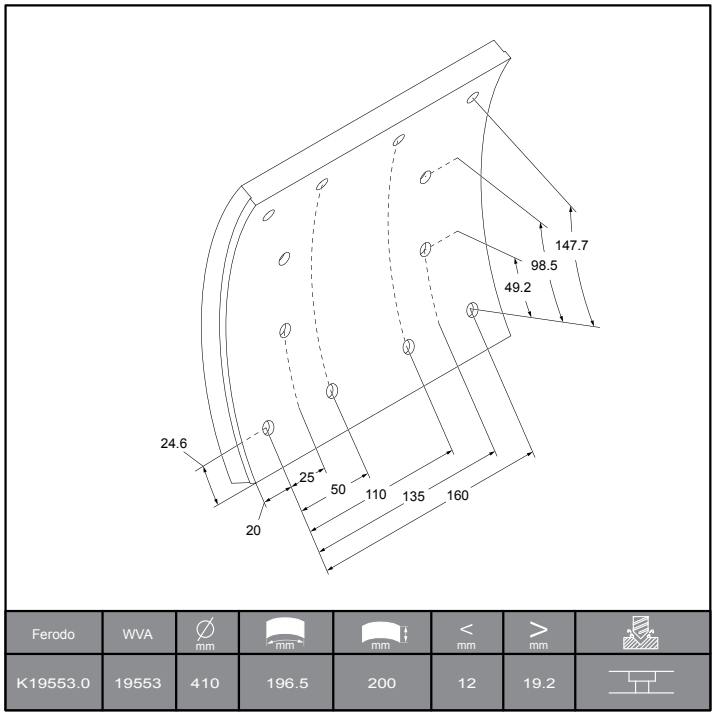
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19517.0	19518	300	131.5	150	13.4	15.9	

K19538.0 (19 538)

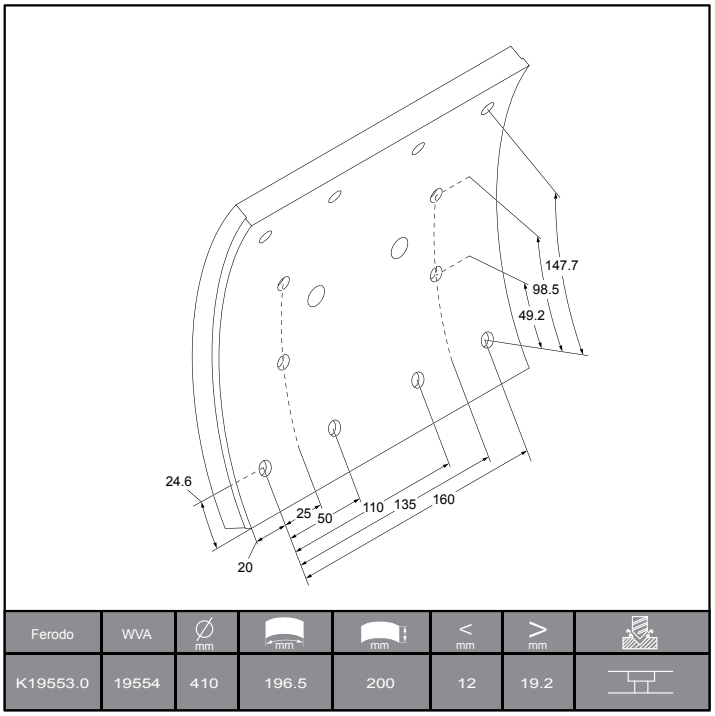


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19538.0	19538	420	186	180	11.5	15.5	

K19553.0 (19 553 + 19 554)

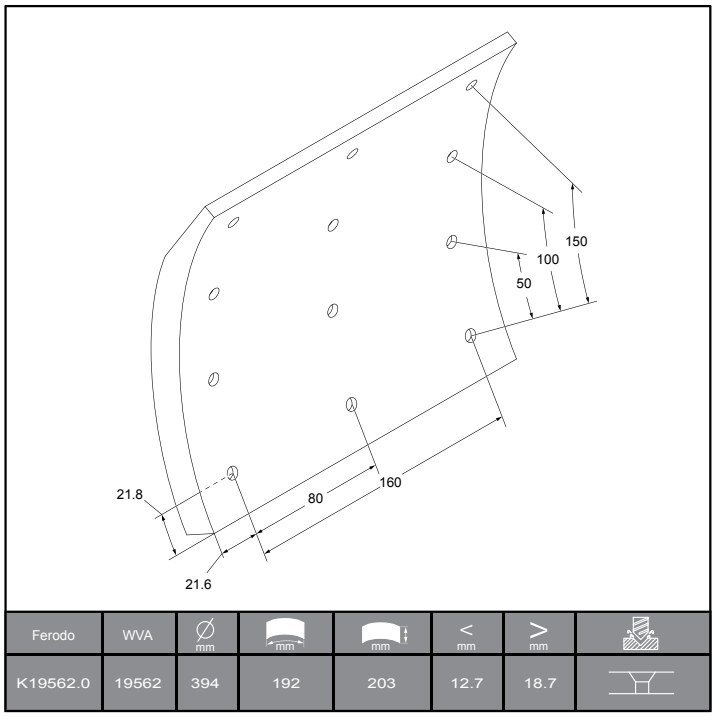


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19553.0	19553	410	196.5	200	12	19.2	

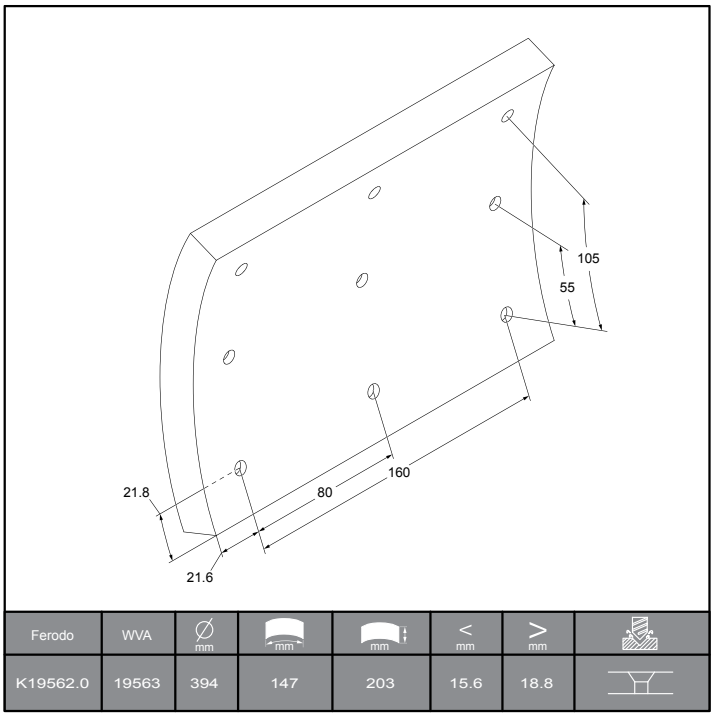


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19553.0	19554	410	196.5	200	12	19.2	

K19562.0 (19 562 + 19 563)

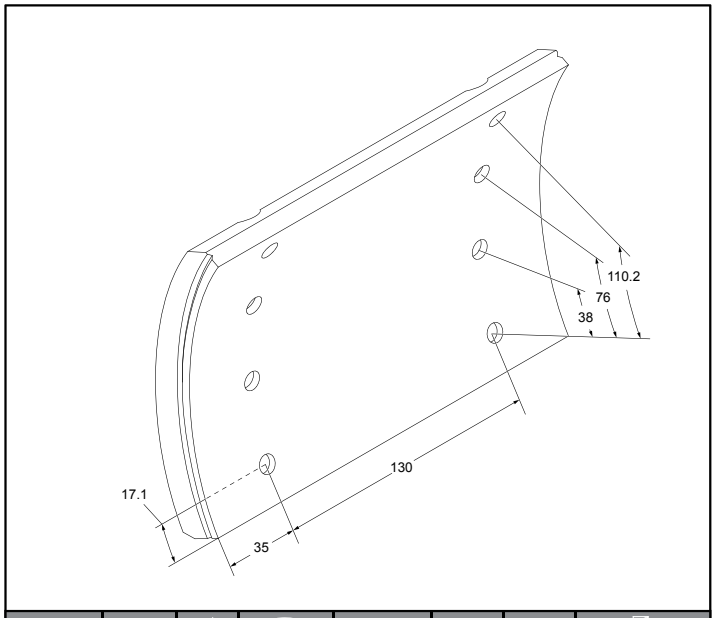


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19562.0	19562	394	192	203	12.7	18.7	



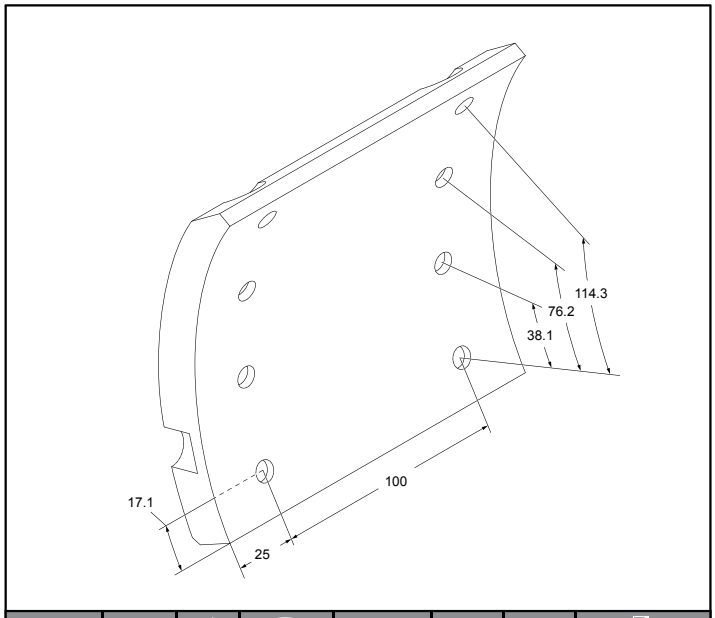
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19562.0	19563	394	147	203	15.6	18.8	

K19568.0 (19 568)



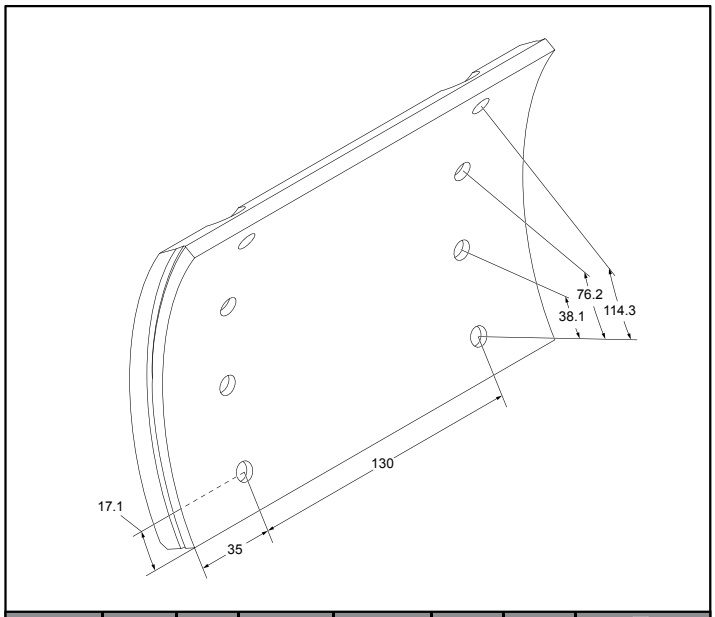
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19568.0	19568	300	139.5	200	11.9	16.7	

K19573.0 (19 573)



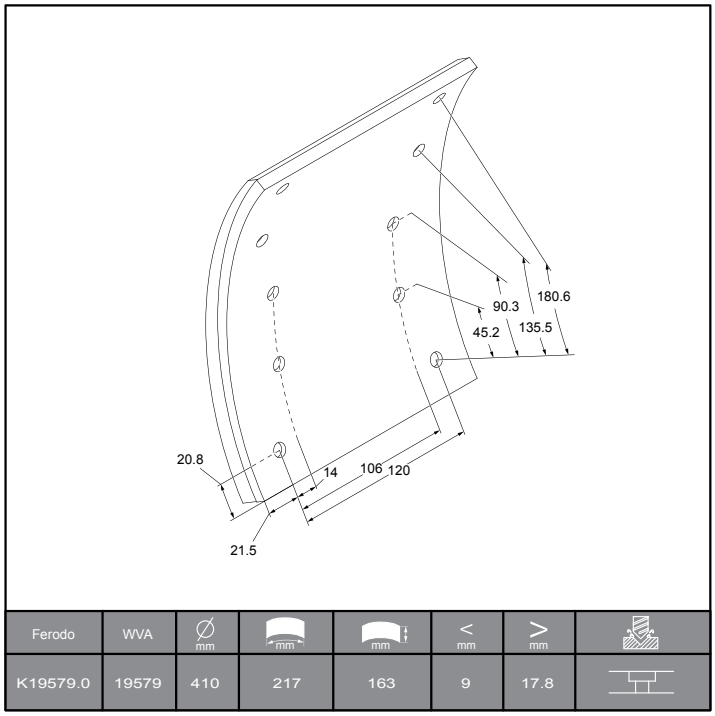
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19573.0	19573	300	145.5	150	12.4	17.7	

K19574.0 (19 574)

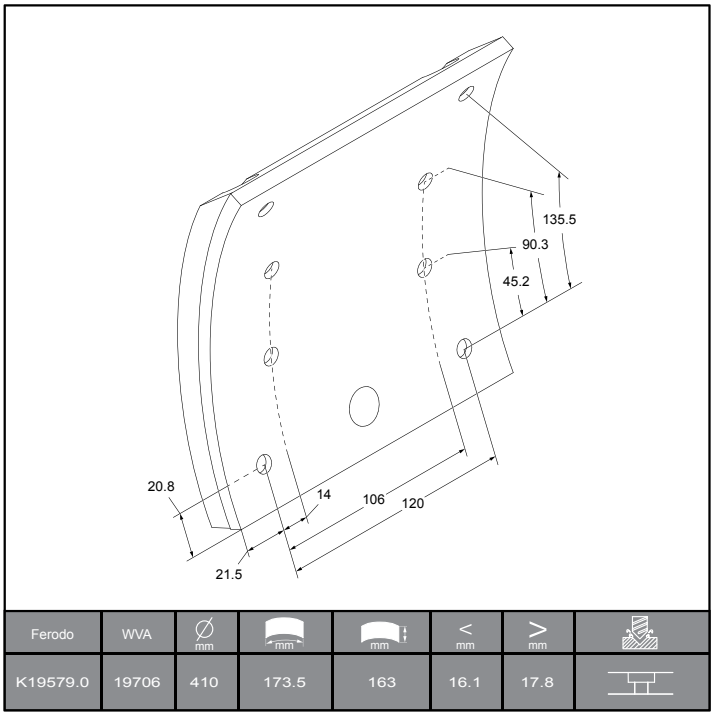


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19574.0	19574	300	145.5	200	11.4	16.7	

K19579.0 (19 579 + 19 706)

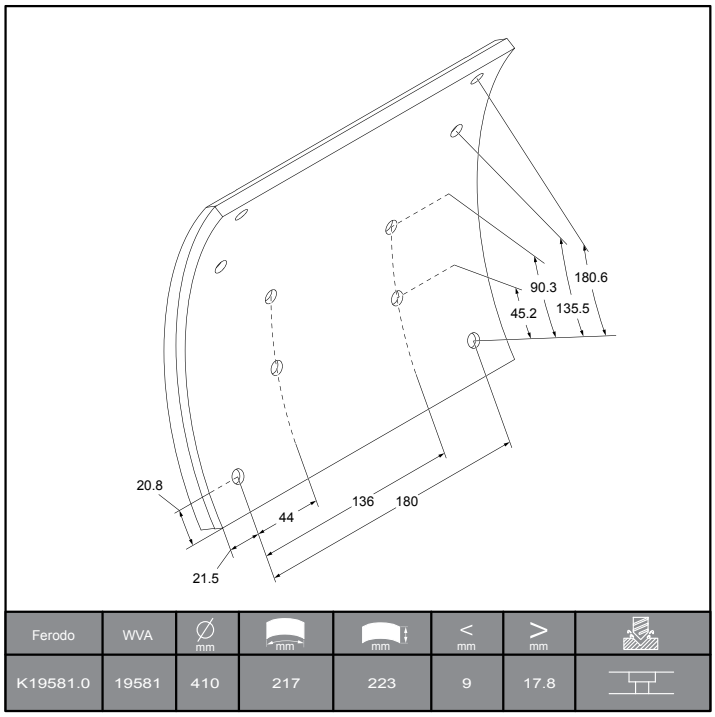


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19579.0	19579	410	217	163	9	17.8	

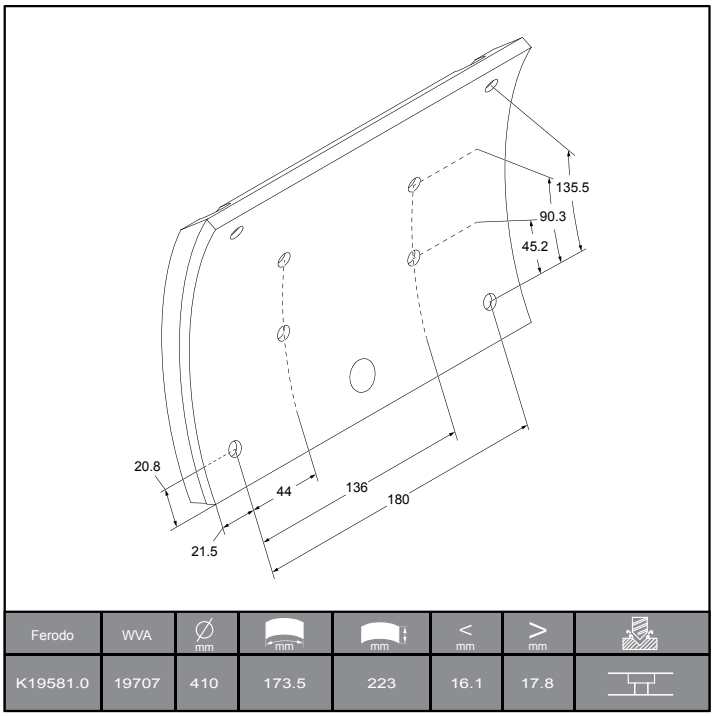


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19579.0	19706	410	173.5	163	16.1	17.8	

K19581.0 (19 581 + 19 707)

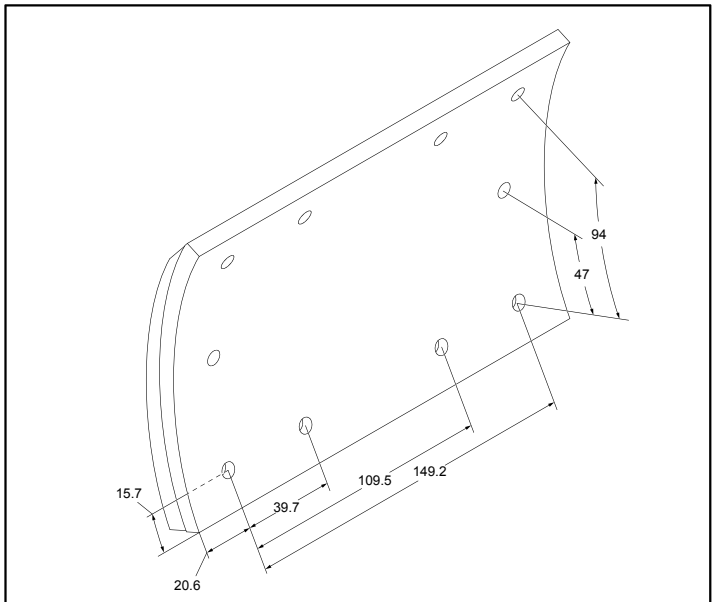


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19581.0	19581	410	217	223	9	17.8	

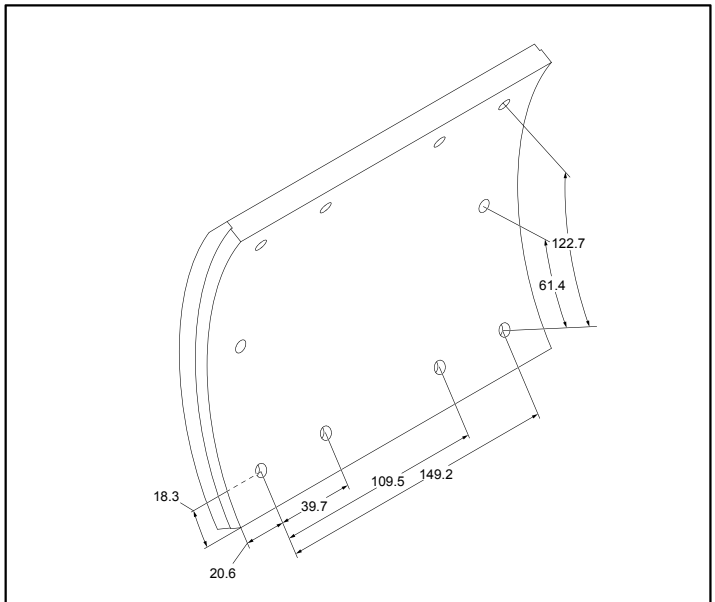


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19581.0	19707	410	173.5	223	16.1	17.8	

K19604.0 (19 604 + 19 605)

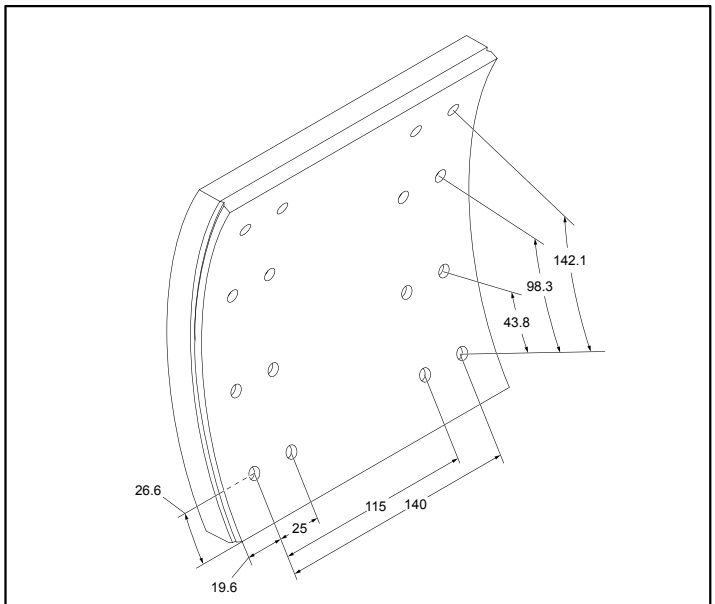


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19604.0	19604	311	126.5	190.5	9.6	14.7	

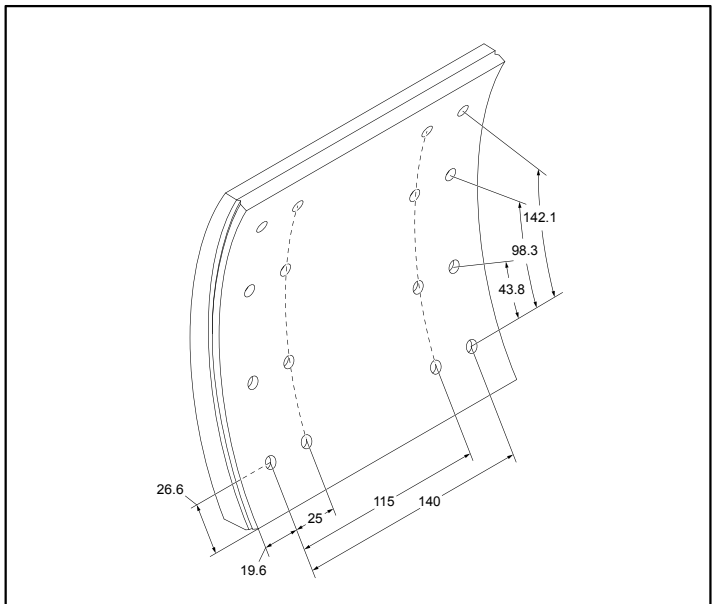


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19604.0	19605	311	159	190.5	13.4	15.9	

K19615.9 (19 615 + 19 616)

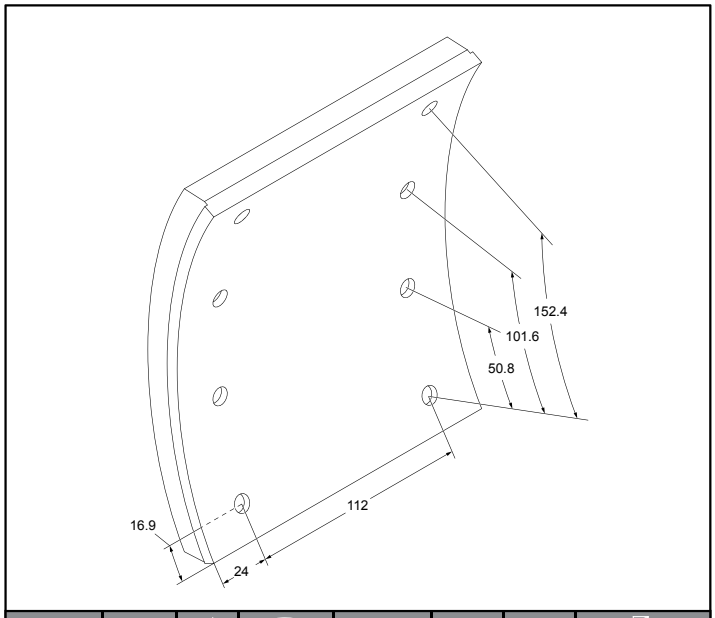


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19615.9	19615	420	195	180	17.6	21	



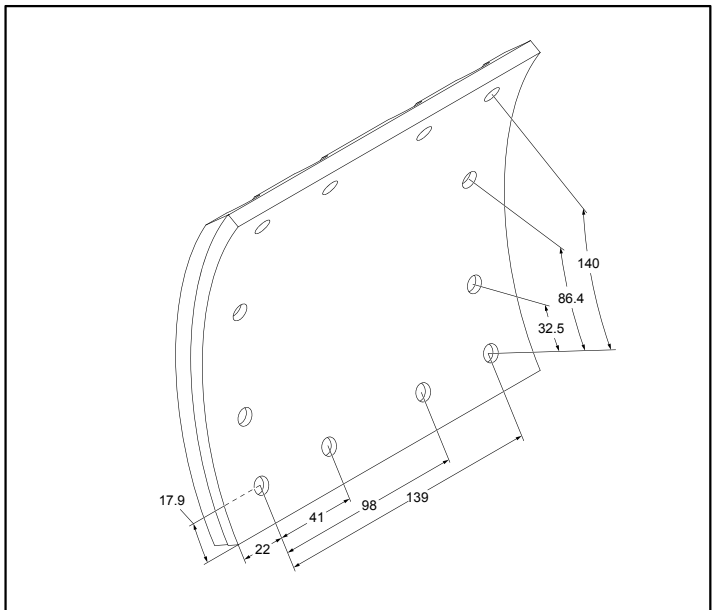
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19615.9	19616	420	195	180	12.6	20.3	

K19648.0 (19 648)

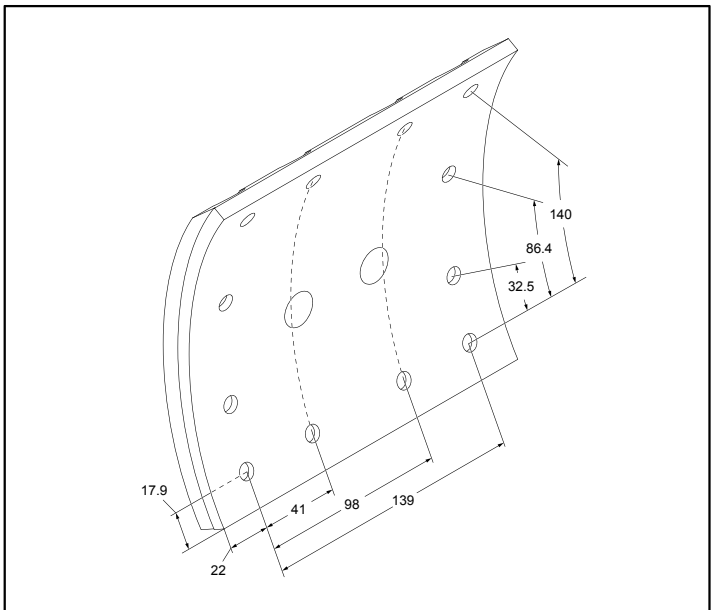


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19648.0	19648	420	186	160	14.8	14.8	

K19708.0 (19 708 + 19 867)

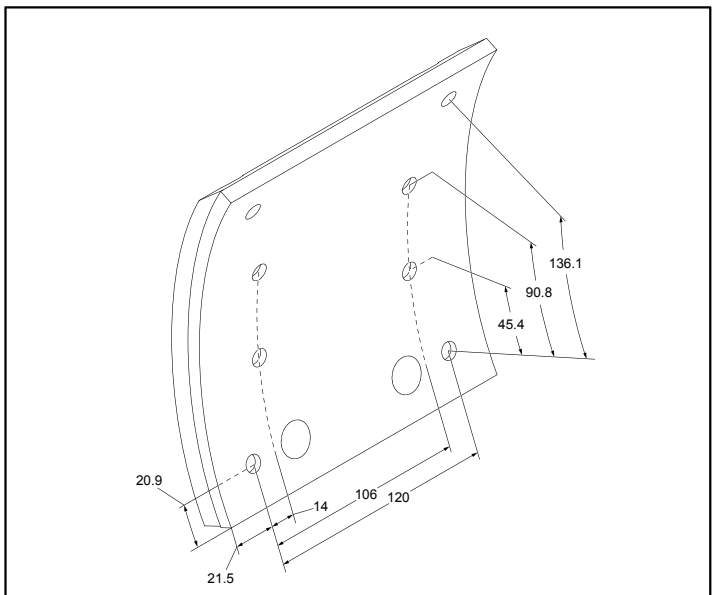


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19708.0	19708	360	174.5	183	12.5	16	



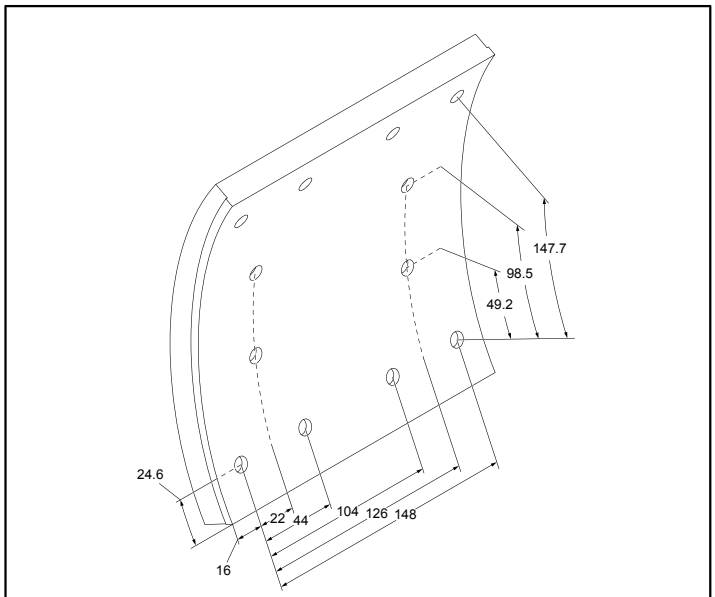
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19708.0	19867	360	174.5	183	12.5	16	

K19713.0 (19 713)

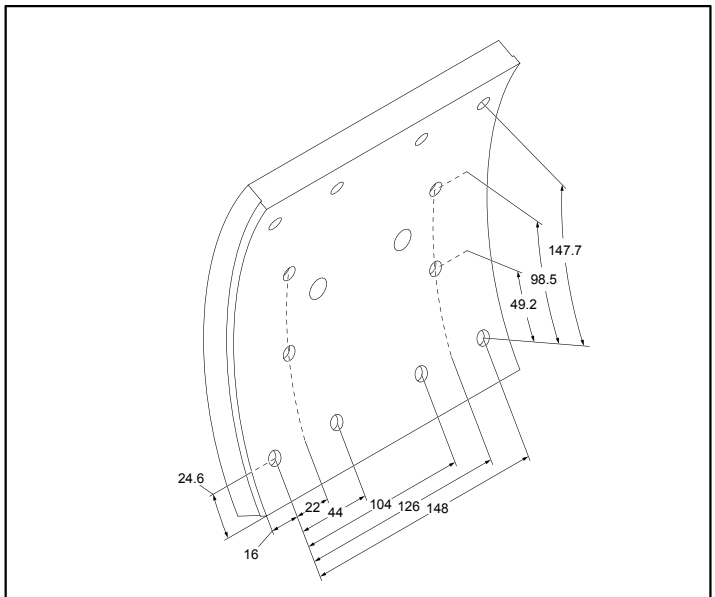


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19713.0	19713	410	178	163	12.7	16.8	

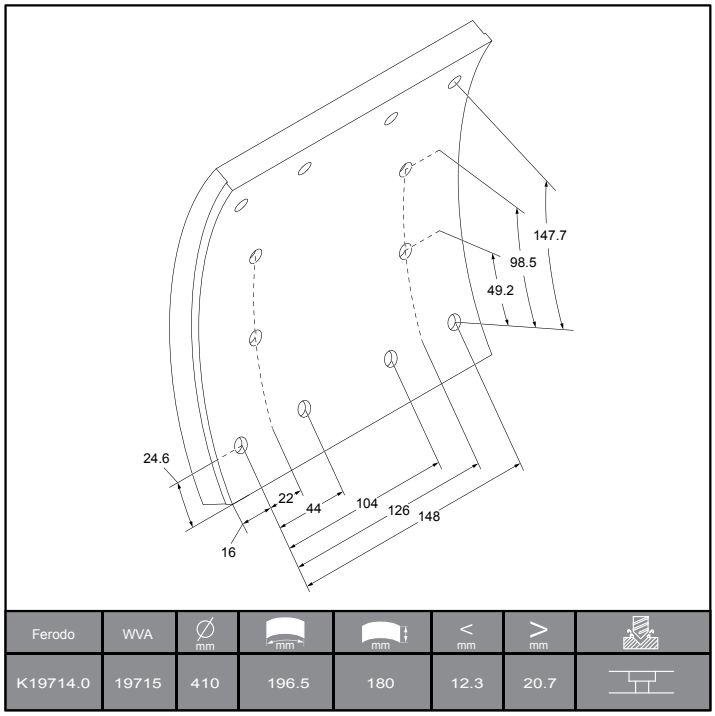
K19714.0 (19 556 + 19 714 + 19 715)



Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19714.0	19556	410	196.5	180	12	19.2	

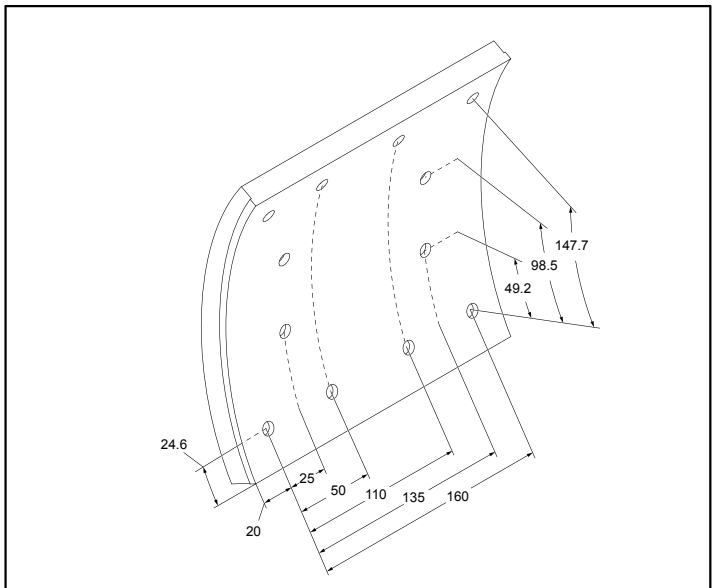


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19714.0	19714	410	196.5	180	14.2	21	

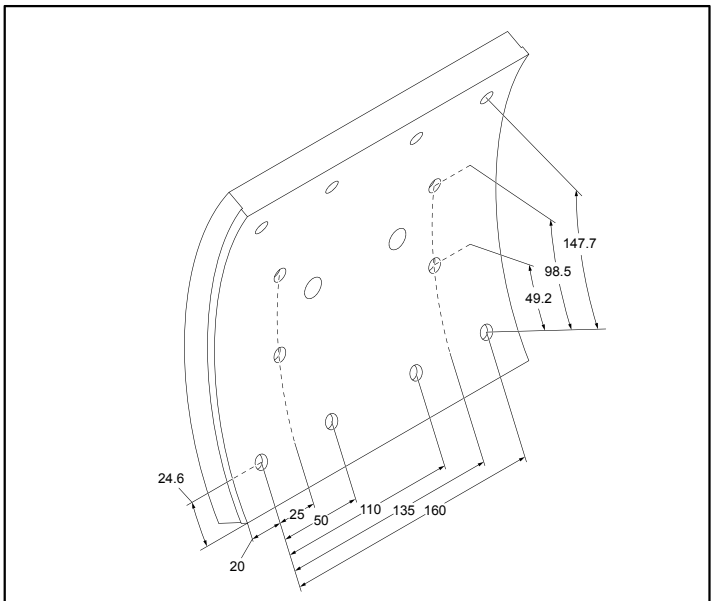


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19714.0	19715	410	196.5	180	12.3	20.7	

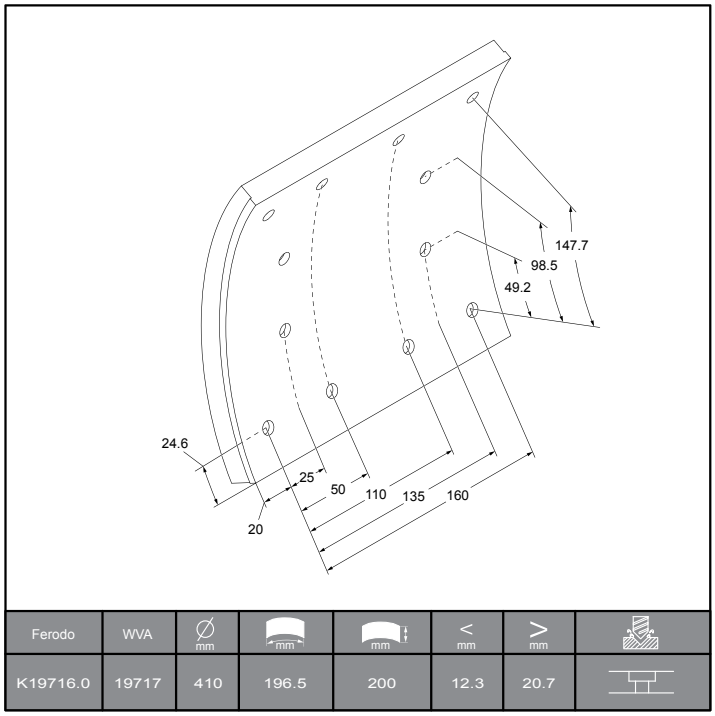
K19716.0 (19 553 + 19 716 + 19 717)



Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19553.0	19553	410	196.5	200	12	19.2	

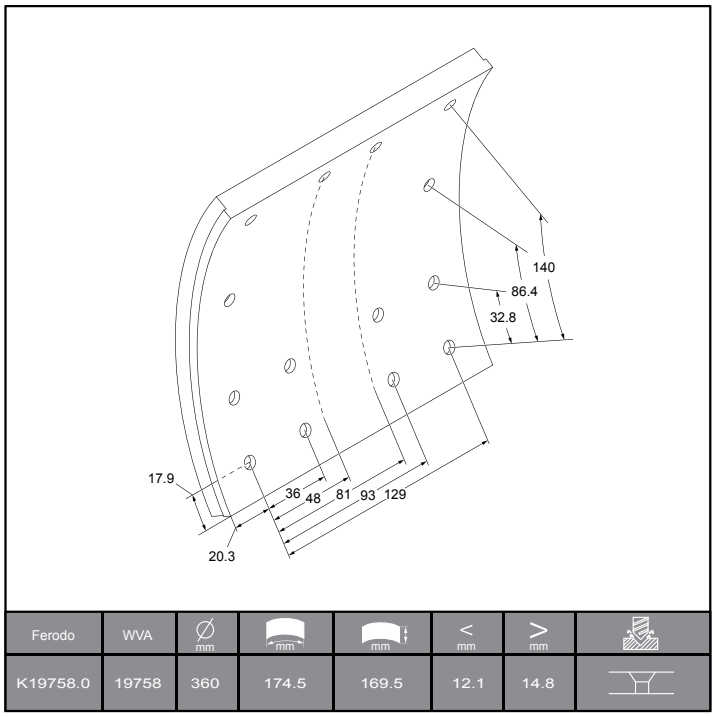


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19716.0	19716	410	196.5	200	14.2	21	

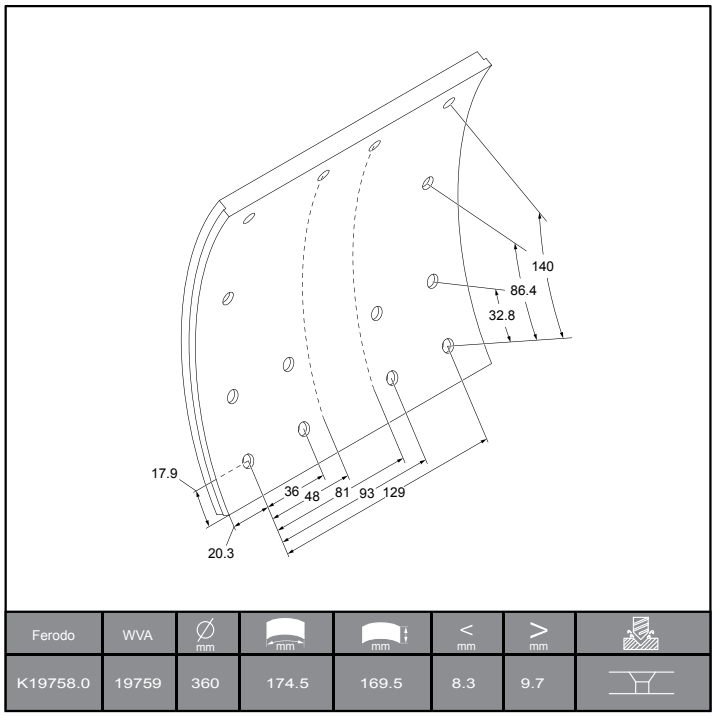


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19716.0	19717	410	196.5	200	12.3	20.7	

K19758.0 (19 758 + 19 759)

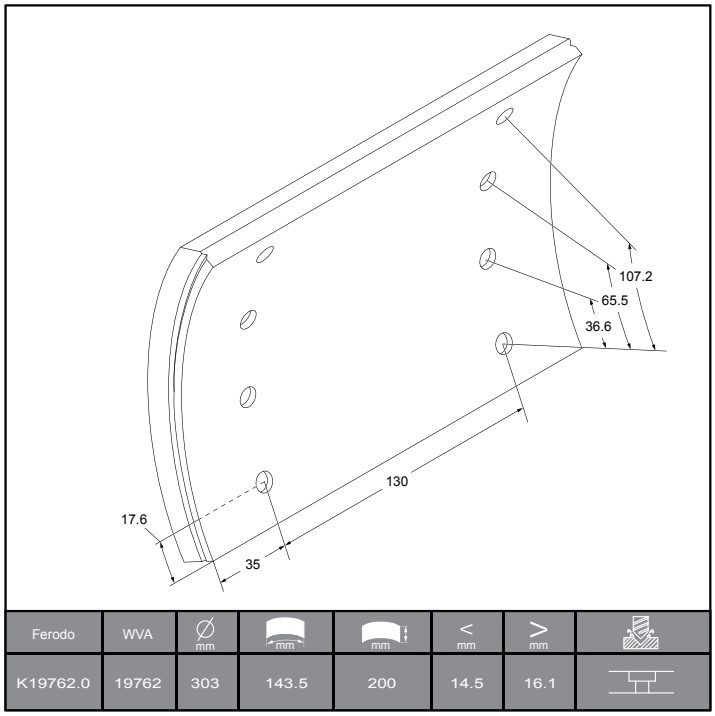


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19758.0	19758	360	174.5	169.5	12.1	14.8	

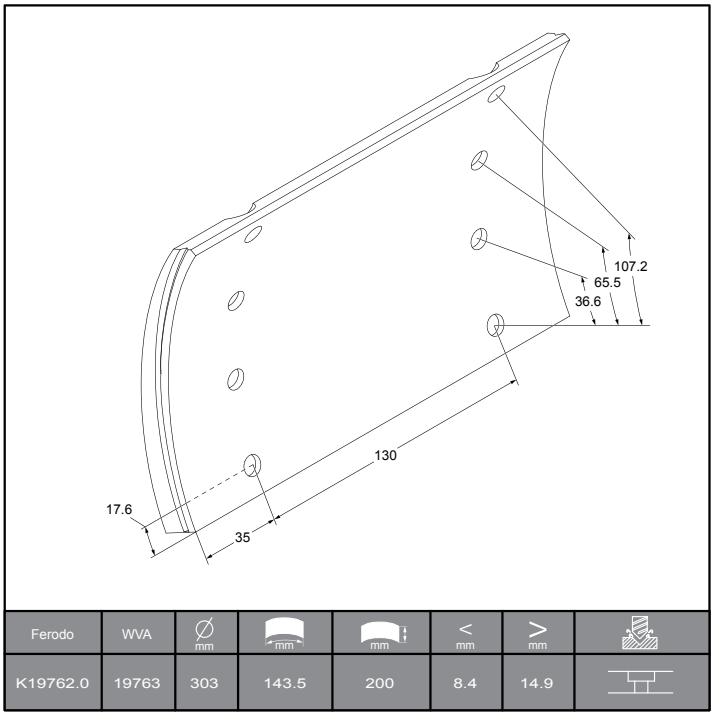


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19758.0	19759	360	174.5	169.5	8.3	9.7	

K19762.0 (19 762 + 19 763)

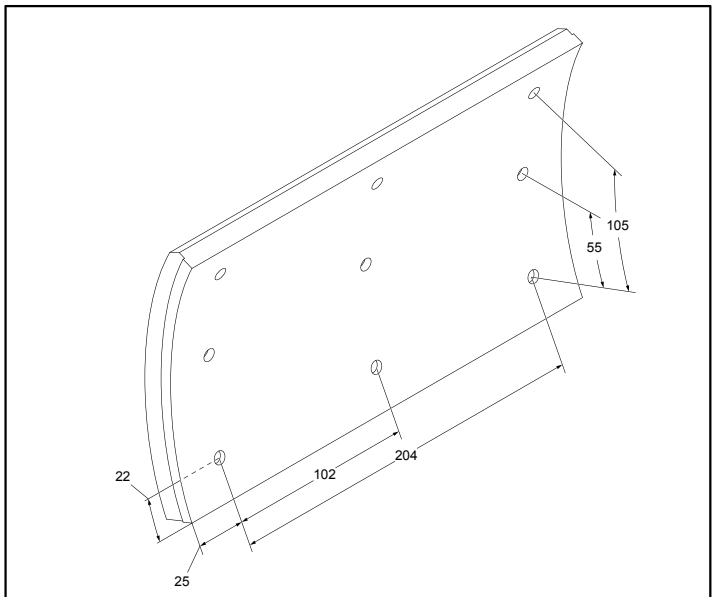


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19762.0	19762	303	143.5	200	14.5	16.1	



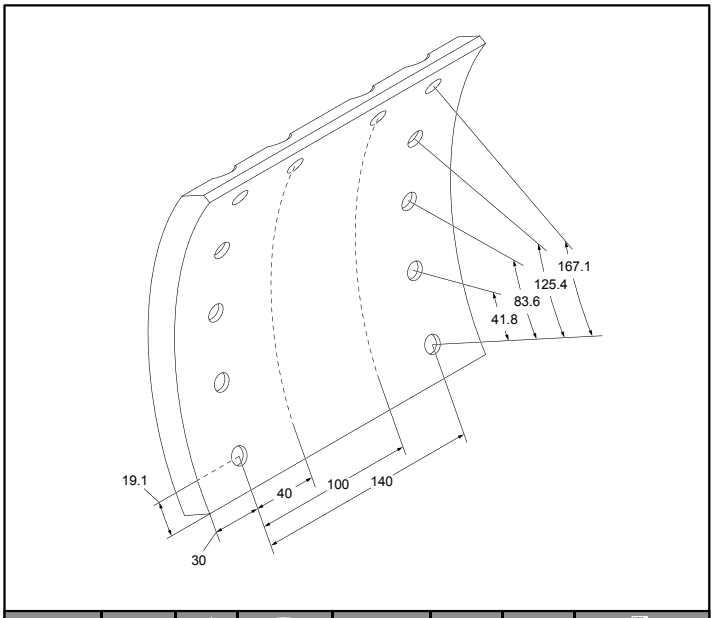
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19762.0	19763	303	143.5	200	8.4	14.9	

K19799.0 (19 799)



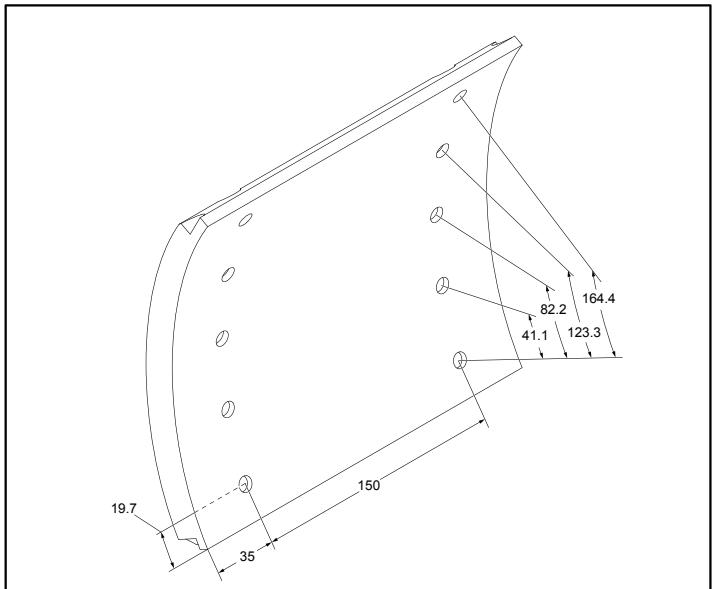
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19799.0	19799	394	147	254	15.4	18.6	

K19823.0 (19 823)



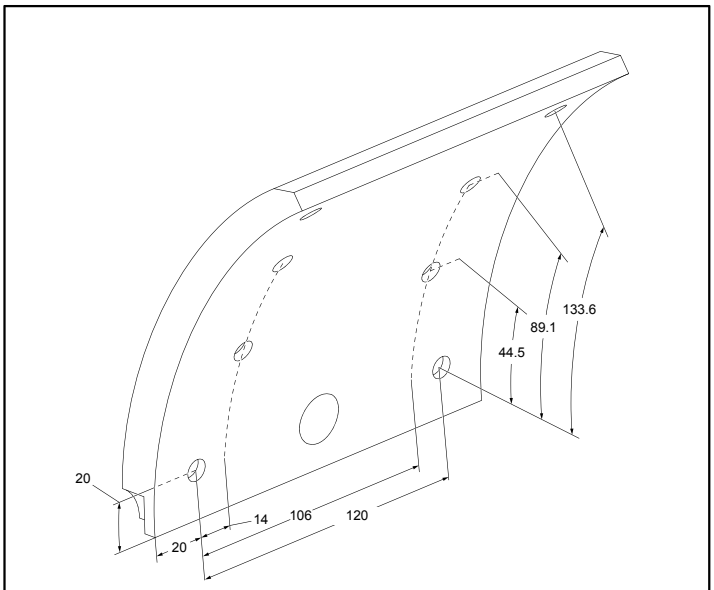
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19823.0	19786	410	204	200	11.7	17.2	

K19825.0 (19 825)

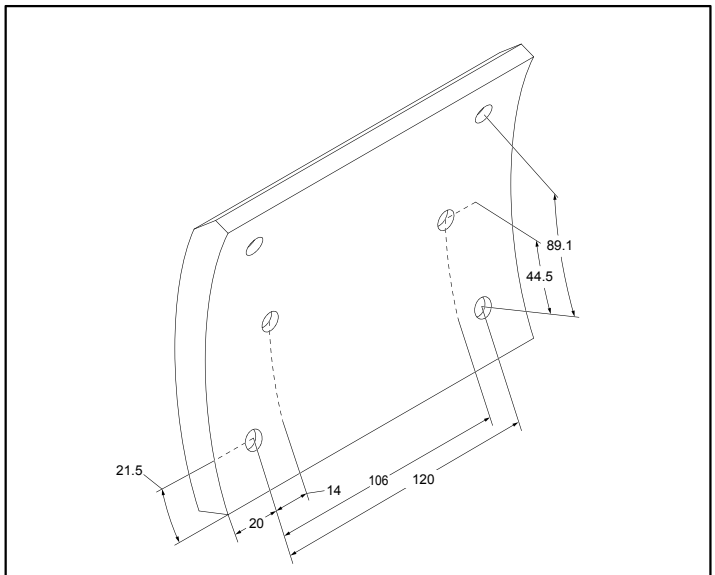


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19825.0	19825	420	203.5	220	11.3	16.9	

K19844.3 (19 844 + 19 506)

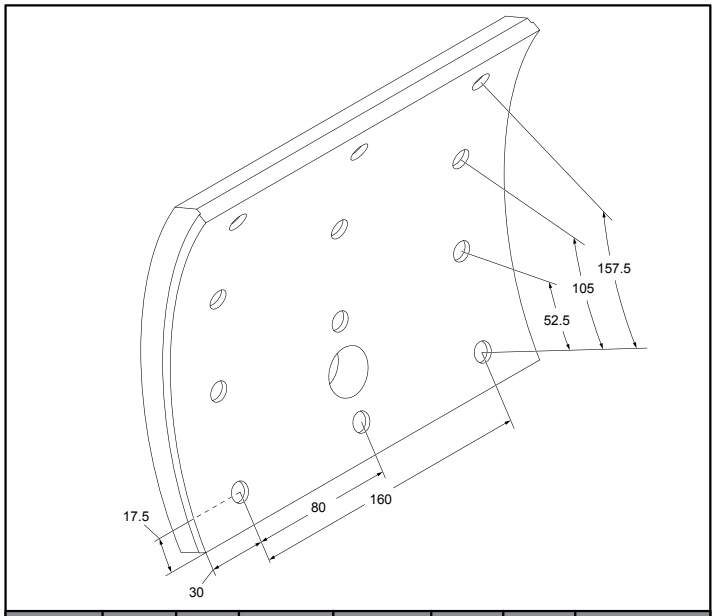


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19844.3	19506	364	173.5	160	8.8	13.1	

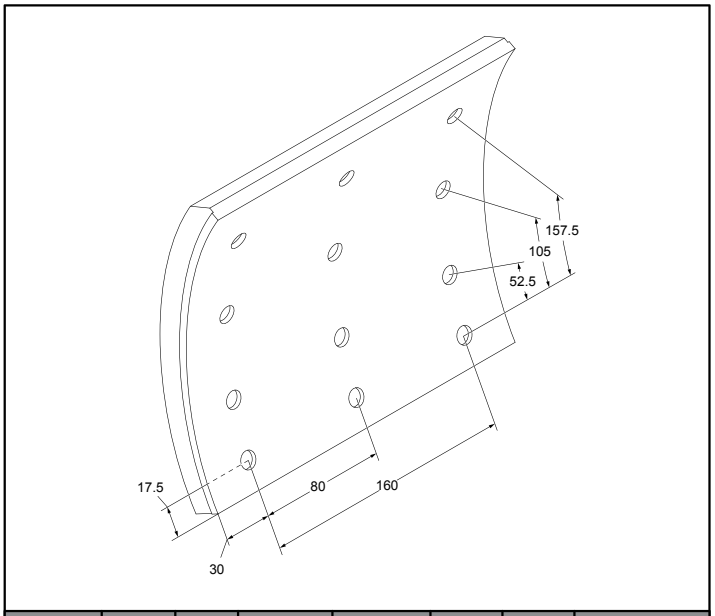


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19844.3	19844	364	130.5	160	11.8	13.4	

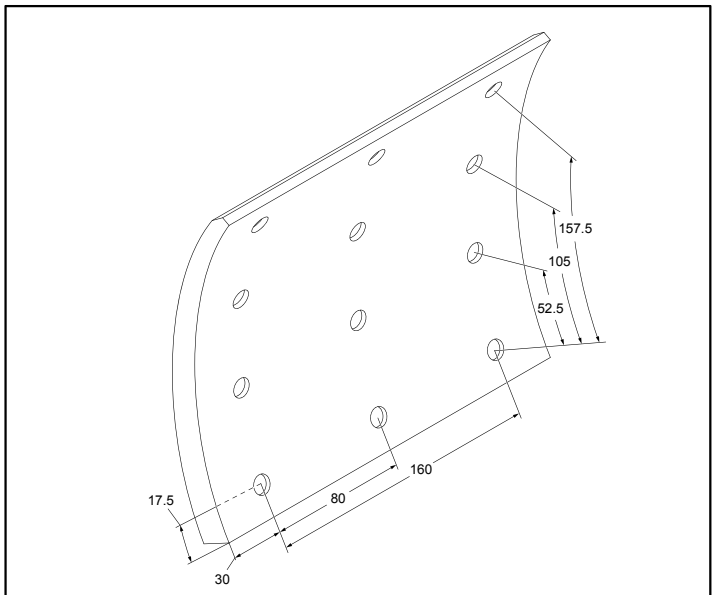
K19847.0 (19 699 + 19 847 + 19 848)



Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19847.0	19699	410	196	220	16.4	17.3	

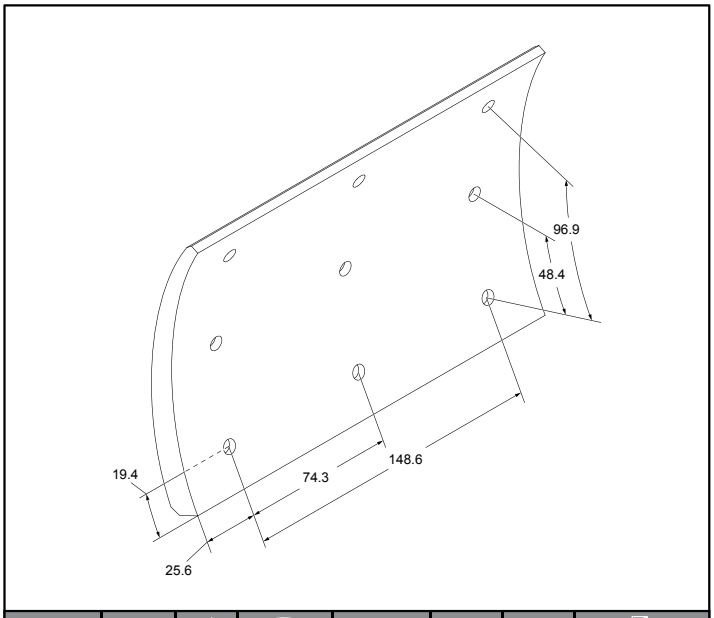


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19847.0	19847	410	196	220	16.4	17.3	

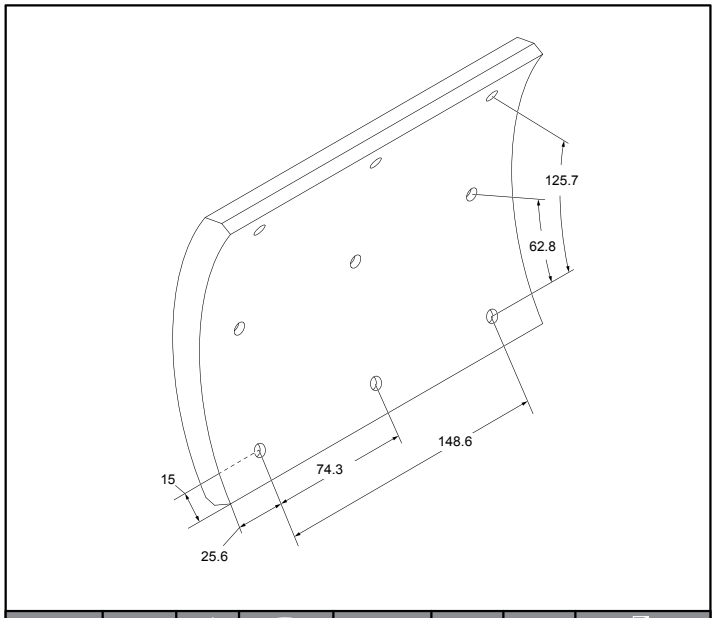


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19847.0	19848	410	196	220	7.8	17.3	

K19858.0 (19 858 + 19 859)

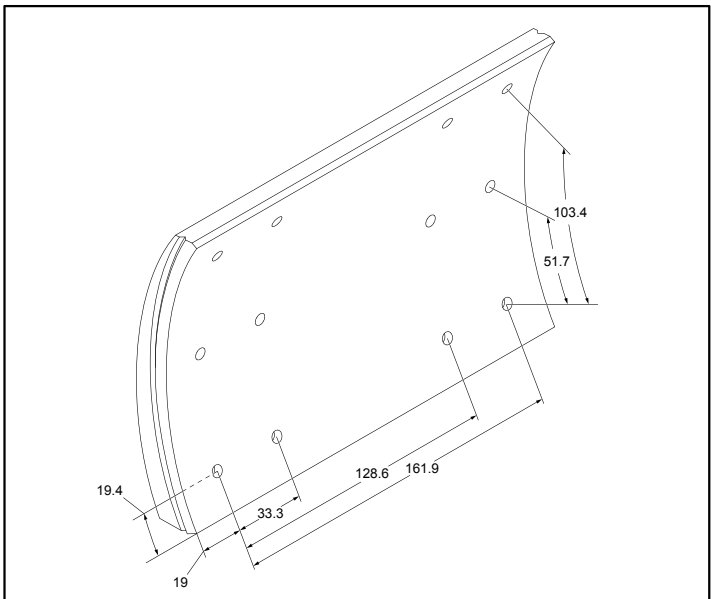


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19858.0	19858	316	135	200	6.9	14.4	

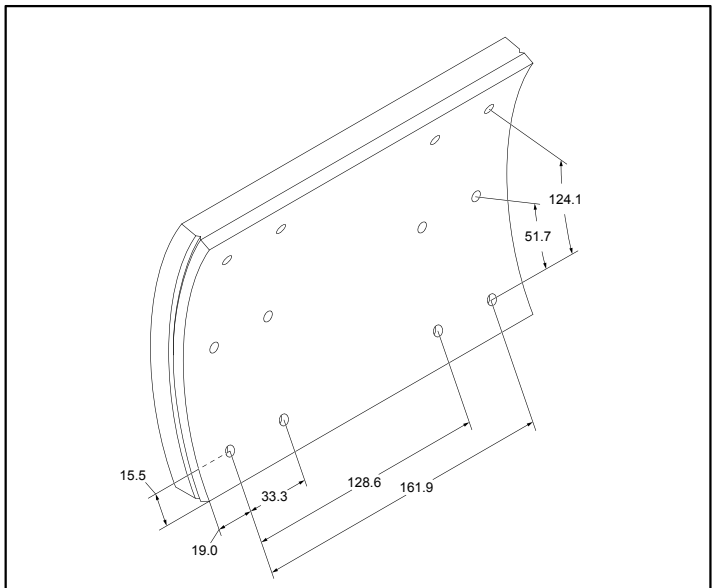


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19858.0	19859	316	156	200	15.4	16.3	

K19862.0 (19 608 + 19 609)

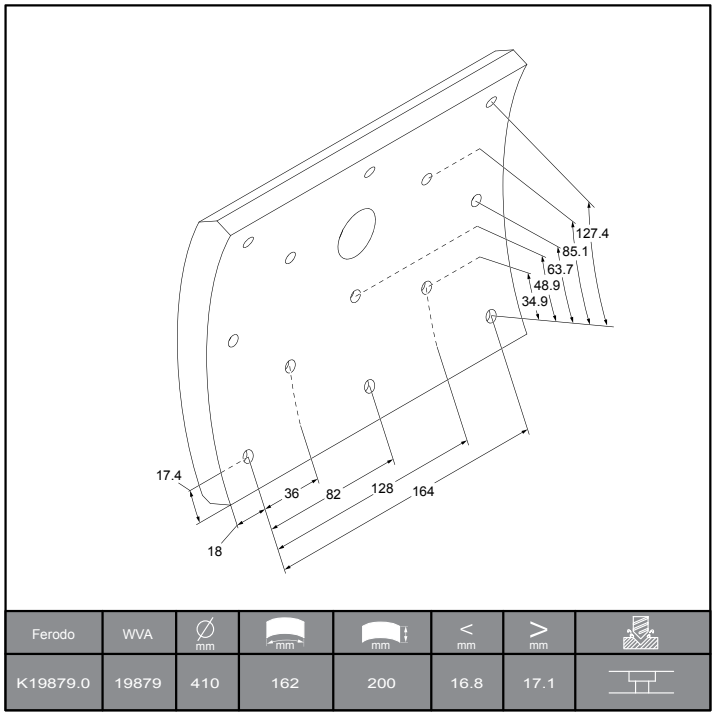


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19862.0	19608	311	143.5	200	11	18.3	

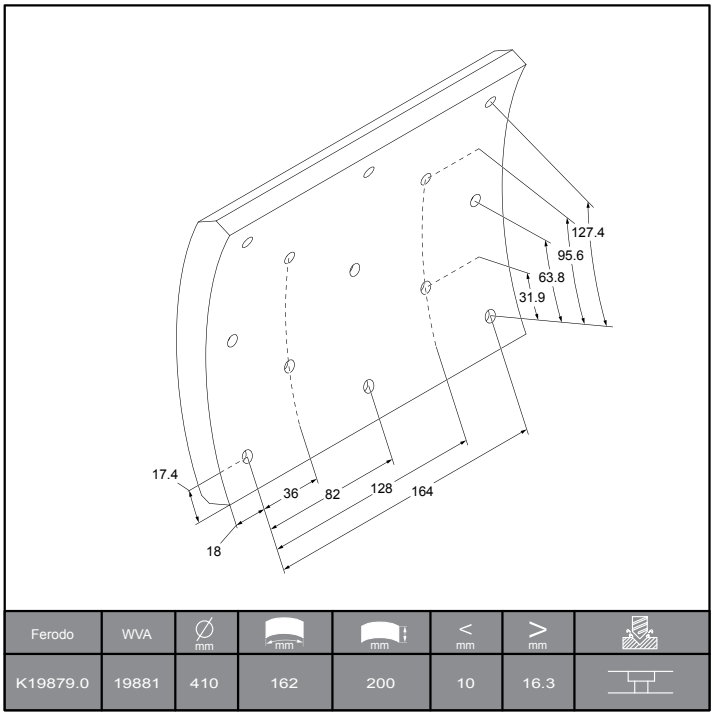


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19862.0	19609	311	139.5	200	17.4	19.2	

K19879.0 (19 879 + 19 881)

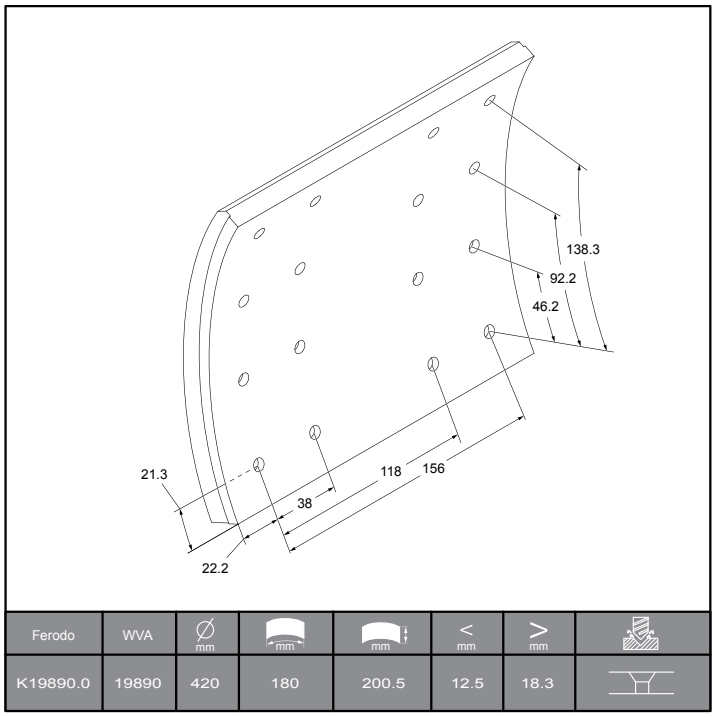


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19879.0	19879	410	162	200	16.8	17.1	

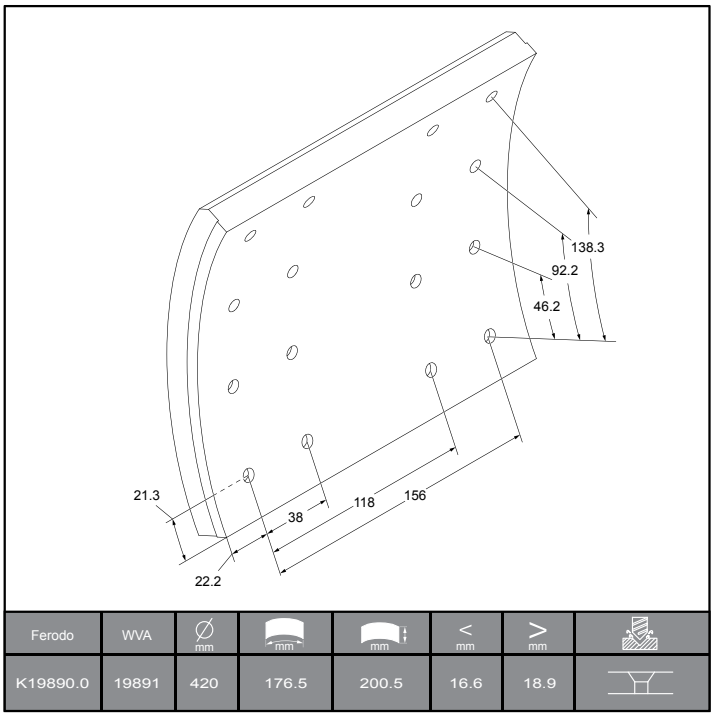


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19879.0	19881	410	162	200	10	16.3	

K19890.0 (19 890 + 19 891)

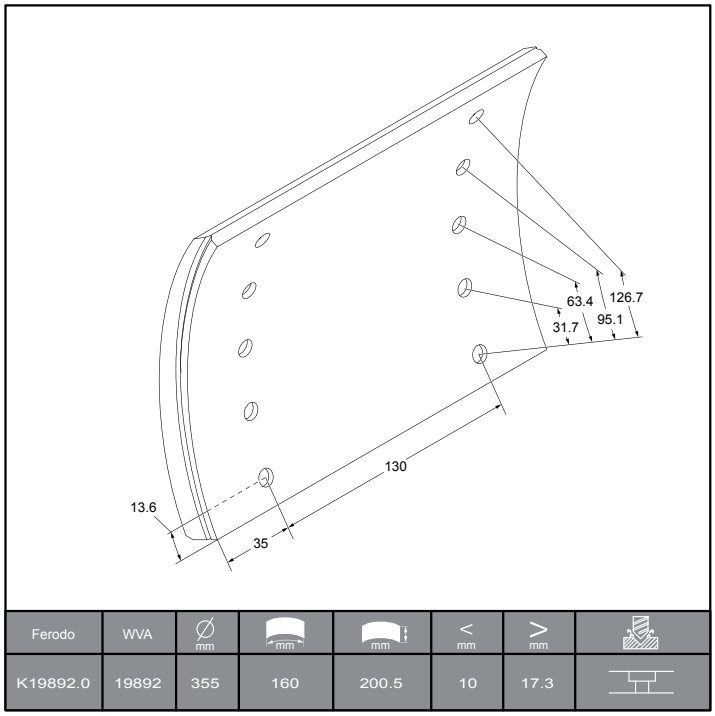


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19890.0	19890	420	180	200.5	12.5	18.3	

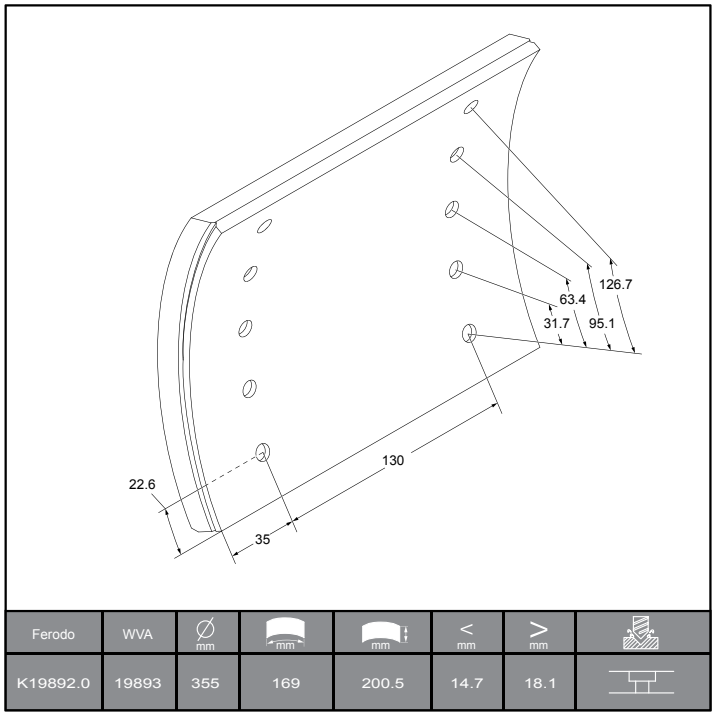


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19890.0	19891	420	176.5	200.5	16.6	18.9	

K19892.0 (19 892 + 19 893)

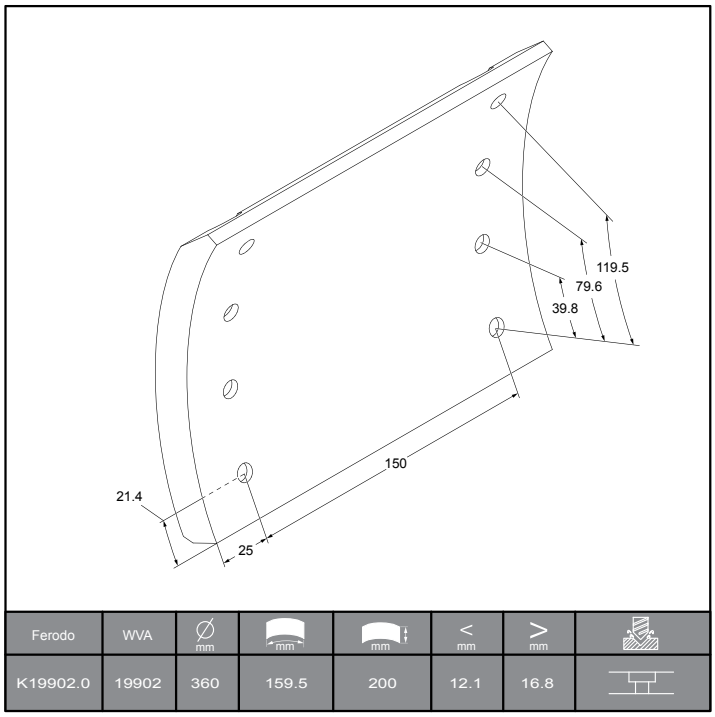


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19892.0	19892	355	160	200.5	10	17.3	

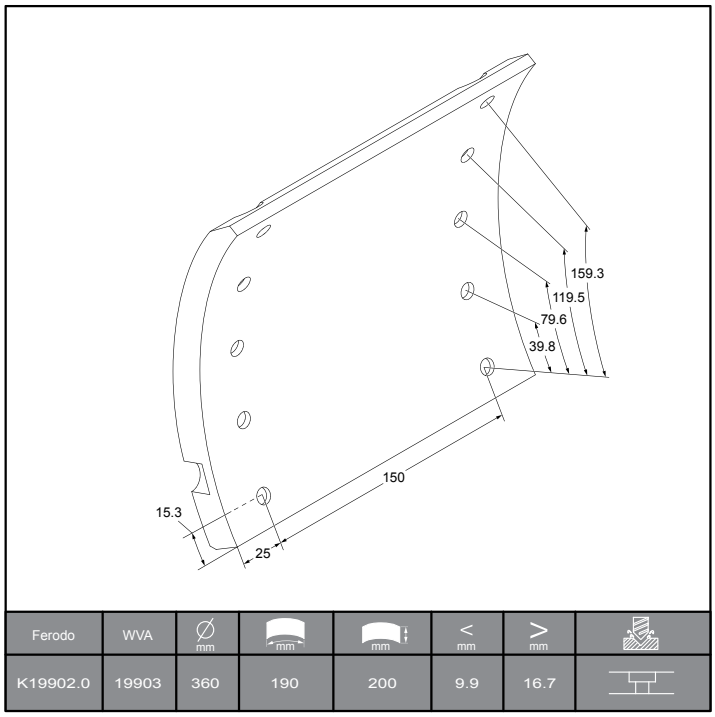


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19892.0	19893	355	169	200.5	14.7	18.1	

K19902.0 (19 902 + 19 903)

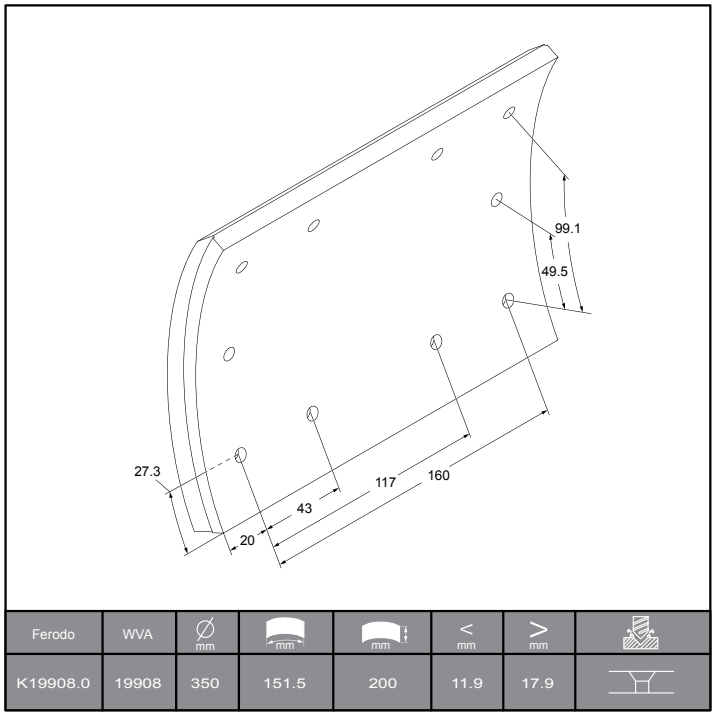


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19902.0	19902	360	159.5	200	12.1	16.8	

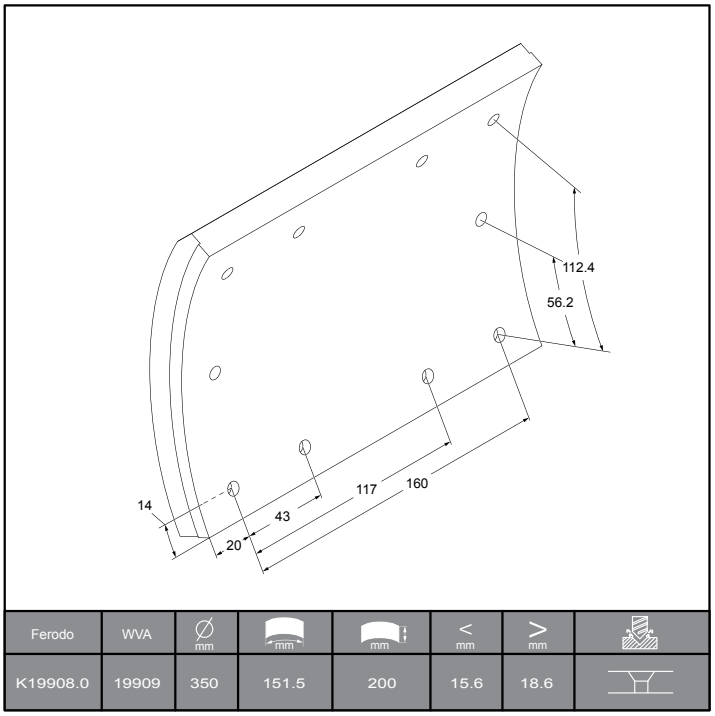


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19902.0	19903	360	190	200	9.9	16.7	

K19908.0 (19 908 + 19 909)

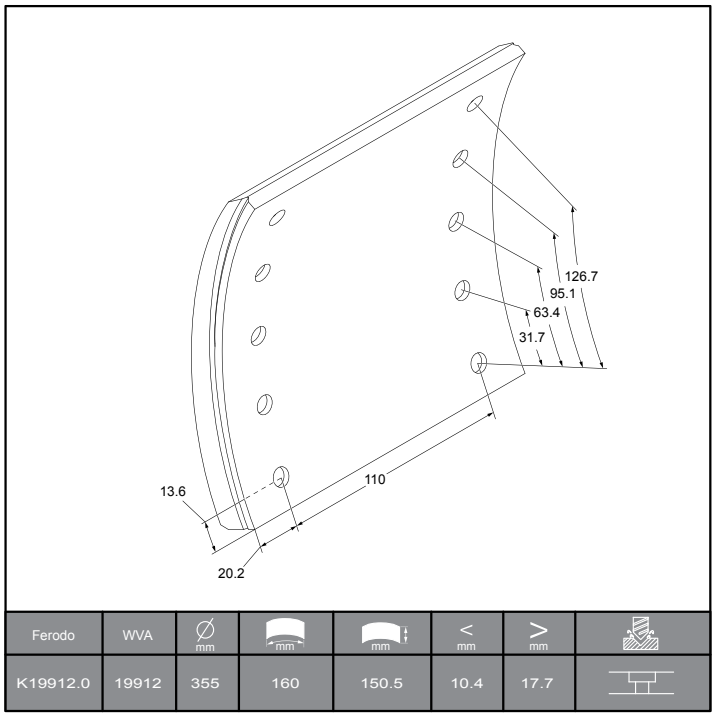


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19908.0	19908	350	151.5	200	11.9	17.9	

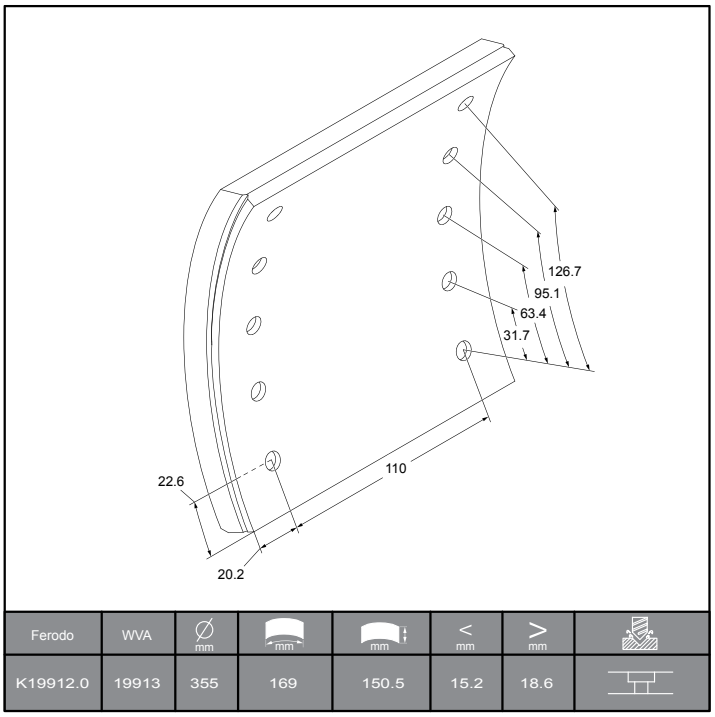


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19908.0	19909	350	151.5	200	15.6	18.6	

K19912.0 (19 912 + 19 913)

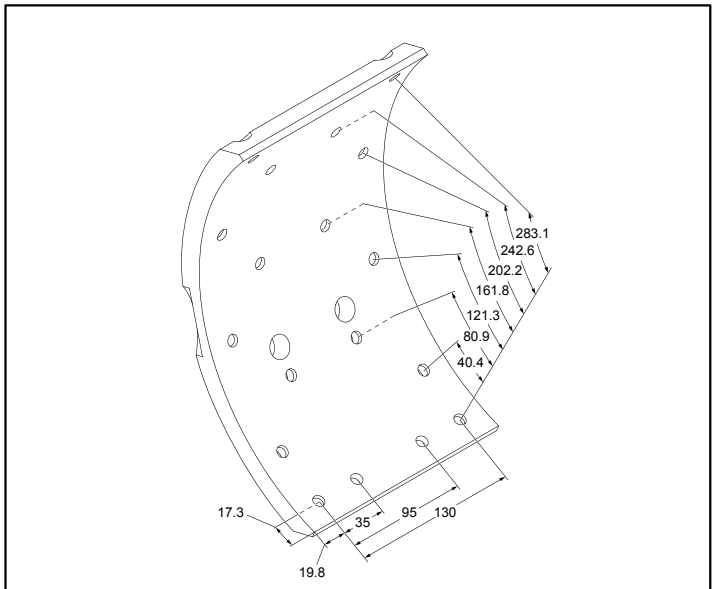


Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19912.0	19912	355	160	150.5	10.4	17.7	



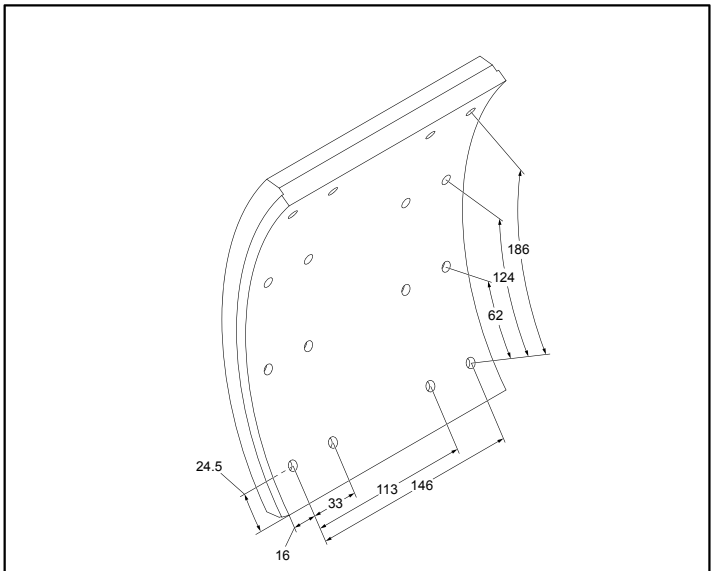
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19912.0	19913	355	169	150.5	15.2	18.6	

K19918.0 (19 225)



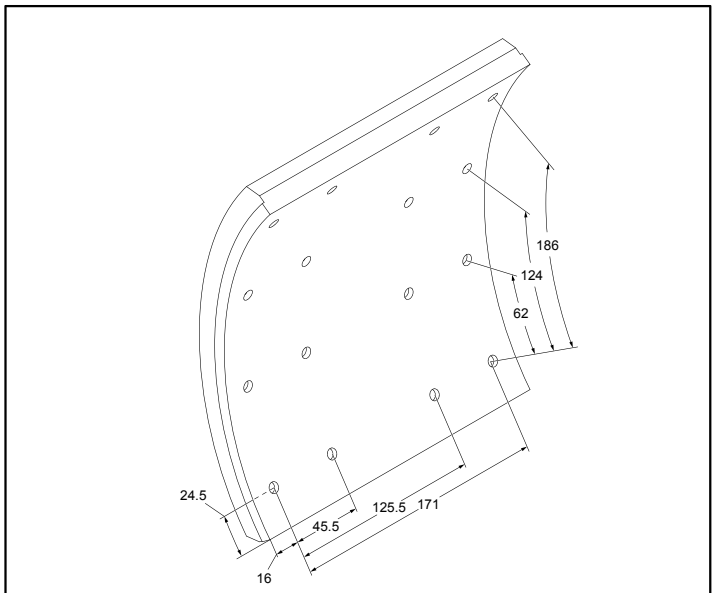
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K19918.0	19225	360	317.5	169.5	14	14	

K19931.0 (19 931)



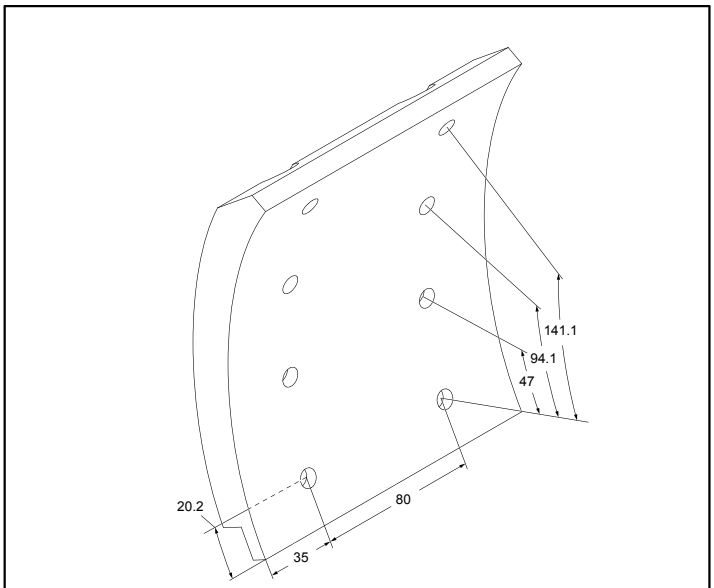
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19931.0	19931	413	235	178	18.9	18.9	

K19932.0 (19 932)



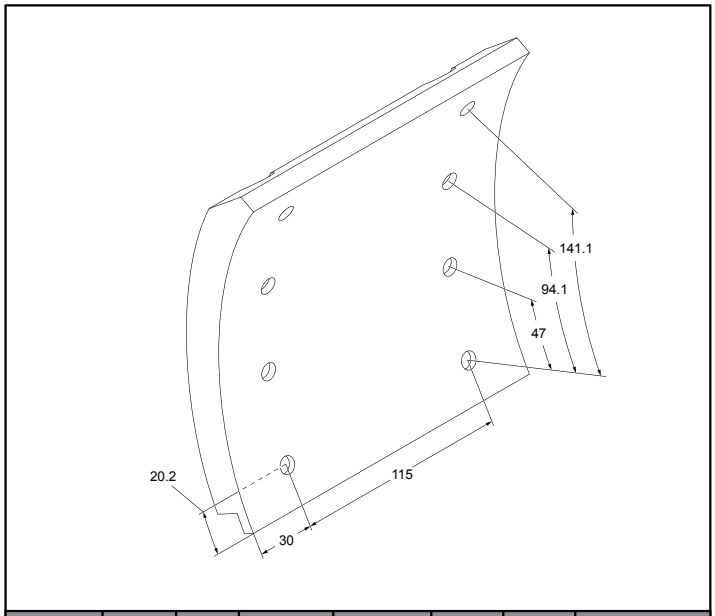
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19932.0	19932	413	235	203	18.9	18.9	

K19934.0 (19 934)



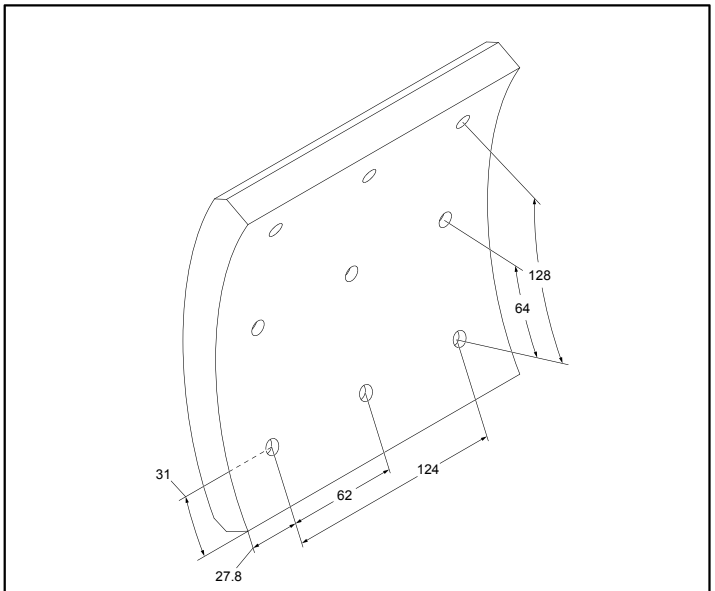
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19934.0	19934	414	184	150	18.3	18.3	

K19935.0 (19 935)



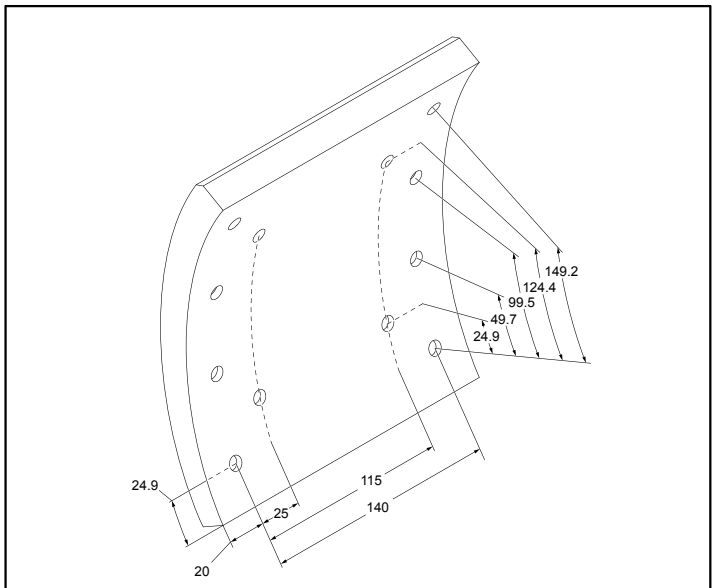
Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19935.0	19935	414	184	175	18.3	18.3	

K19971.0 (19 971)



Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19971.0	19971	420	183.5	180	17.8	17.8	

K19972.0 (19 972)



Ferodo	WVA	Ø mm	mm	mm	< mm	> mm	
K19972.0	19972	420	182.5	180	17.8	17.8	



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0103136	59 338 11,00 4

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03 092 05 18 0	11 084 05,00 4
03 092 05 19 0	11 284 05,00 60 4
03 092 05 20 0	11 084 05,00 4
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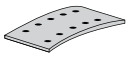
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959 973	K15732.0
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998 7611	K19823.0
998 7614	K19823.0
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8 282 000 686	19 558 17,00 00 6
8 282 000 688	19 558 16,00 00 6
8 282 000 729	19 558 16,00 00 6
8 282 000 738	17 248 12,00 60 4
8 282 000 752	K17758.0
8 282 000 826	K17758.0
8 282 000 827	K17758.0
8 283 000 010	17 285 10,00 60 8
8 283 000 011	17 285 11,00 60 8
8 283 000 034	17 285 11,00 60 8
8 283 000 116	19 168 20,40 00 6
8 283 000 152	K17016.0
8 283 000 156	17 115 10,00 60 8
8 283 000 161	17 269 12,00 60 3
8 283 000 163	19 168 18,40 00 6
8 283 000 164	19 168 18,40 00 6
8 283 000 165	19 168 20,40 00 6
8 283 000 175	K19166.1
8 283 000 176	K19166.0
8 283 000 183	19 019 14,00 60 4
8 283 000 283	19 103 10,00 60 8
8 283 000 314	K19166.1
8 283 000 315	K19166.0
8 283 000 338	K19562.1
8 283 000 346	K19568.0
8 283 000 347	19 103 10,00 60 8
8 283 000 352	K19166.0
8 283 000 353	K19166.0
8 283 000 502	19 558 17,00 60 6
8 283 000 579	19 558 16,00 60 6
8 283 000 583	K19166.0
8 283 000 584	K19166.0
8 283 000 607	19 634 15,90 00 6
8 283 000 608	19 634 16,90 00 6
8 283 000 610	19 634 15,90 00 6
8 283 000 611	19 634 16,90 00 6
8 283 000 613	19 634 15,90 00 6
8 283 000 614	19 634 16,90 00 6
8 283 000 615	19 634 15,90 00 6

...KAESSBOHRER	FERODO
8 283 000 669	19 634 15,90 00 6
8 283 000 670	19 634 15,90 00 6
8 283 000 671	19 634 16,90 00 6
8 283 000 672	19 634 16,90 00 6
8 283 000 673	19 558 16,00 60 6
8 283 000 675	19 558 17,00 60 6
8 283 000 699	19 634 15,90 00 6
8 283 000 769	K19166.0
8 283 000 770	K19166.0
8 283 000 804	K19166.1
8 283 000 806	19 166 18,80 00 6
8 283 000 807	19 166 18,80 00 6
8 283000 162	17 269 12,00 60 3
8 285 000 064	K19568.0
8 285 000 067	19 168 20,40 00 6
8 285 000 147	K19568.1
8 285 000 148	K19568.2
8 285 000 162	19 634 15,90 00 6
8 285 000 163	19 634 15,90 00 6
8 285 000 164	19 558 16,00 60 6
8 285 194 119	17 742 16,00 00 6
8 285 194 122	17 742 16,00 00 6
8 285 200 115	K19847.0
8 285 232 309	19 849 17,55 00 6
8 285 232 522 0	19 699 18,55 00 5
8 285 232 523 0	K19847.0
8 285 360 355	17 742 16,00 00 6
8 285 506 613	K19847.0
8 919 920 576 4	K19743.2

KNOTT	FERODO
2447403	17 237 17,80 00 8
24475.00	19 690 17,80 00 8
25540.00	19 687 17,80 00 8
25738.05	19 723 18,20 00 8
26800.02	19 042 17,80 00 8
26800.04	19 042 17,80 00 8
26809.02	19 041 17,80 00 8
26809.04	19 041 17,80 00 8
27782.02	17 374 17,80 00 8
27782.04	17 374 18,90 00 8
33420.02	19 558 17,00 60 6
33421.02	19 558 17,00 60 6

LEYLAND	FERODO
AMPB 017	K19503.0
AMPB 018	K19503.0
AMPB 288	K17900.0
AMPB 295	K17900.0

MAN	FERODO
80 50221 6013	K15879.0
81 50200 6805	K19177.0
81 50200 6806	K19177.1
81 50220 0039	17 285 10,00 60 8
81 50220 0066	17 285 10,00 60 8
81 50220 0092	17 285 11,00 60 8
81 50220 0105	17 285 11,00 60 8
81 50220 0112	17 285 10,00 60 8
81 50220 0117	17 285 11,00 60 8
81 50220 0148	K19486.9
81 50220 0186	17 285 11,00 60 8
81 50220 0235	17 238 17,00 00 8
81 50220 0246	17 285 11,00 60 8
81 50220 0251	17 285 11,00 60 8

...MAN	FERODO
81 50220 0294	17 285 11,00 60 8
81 50220 0296	17 285 11,00 60 8
81 50220 0297	17 285 11,00 60 8
81 50220 0330	17 238 18,30 00 8
81 50220 0331	17 238 19,10 00 8
81 50220 0334	K19486.0
81 50220 0335	K19486.1
81 50220 0337	K19486.0
81 50220 0338	K19486.1
81 50220 0410	17 682 18,30 60 8
81 50220 0411	17 682 19,10 60 8
81 50220 0418	K19486.0
81 50220 0419	K19486.1
81 50220 0439	K19486.0
81 50220 0454	K19486.1
81 50220 0465	17 238 19,10 00 8
81 50220 0466	17 238 18,30 00 8
81 50220 0468	17 238 19,10 00 8
81 50220 0469	17 238 18,30 00 8
81 50220 0504	K19486.0
81 50220 0515	K19486.1
81 50220 0517	K19486.0
81 50220 0519	K19486.0
81 50220 0520	K19486.1
81 50220 0524	K19487.9
81 50220 0532	17 682 18,30 60 8
81 50220 0533	17 682 19,10 60 8
81 50220 0535	17 238 18,30 00 8
81 50220 0536	17 238 19,10 00 8
81 50220 0538	17 682 18,30 60 8
81 50220 0539	17 682 19,10 60 8
81 50220 0541	17 238 18,30 00 8
81 50220 0542	17 238 19,10 00 8
81 50220 0544	K19486.0
81 50220 0545	K19486.1
81 50220 0547	K19486.9
81 50220 0550	K19486.9
81 50220 0560	17 682 17,00 60 8
81 50220 0561	17 238 17,00 00 8
81 50220 0562	17 238 17,00 00 8
81 50220 0563	17 238 17,00 00 8
81 50220 0564	K19486.9
81 50220 0565	K19579.0
81 50220 0566	K19579.1
81 50220 0567	19 579 20,50 00 6
81 50220 0568	K19579.0
81 50220 0569	K19579.1
81 50220 0570	19 579 20,50 00 6
81 50220 0606	K19486.0
81 50220 0607	K19486.1
81 50220 0611	K19486.9
81 50220 0629	K19486.0
81 50220 0630	K19486.0
81 50220 0631	K19486.1
81 50220 0641	K19486.0
81 50220 0642	K19486.0
81 50220 0643	K19486.1
81 50220 0650	K19486.0
81 50220 0651	K19486.0
81 50220 0652	K19486.1
81 50220 0658	K19486.9
81 50220 0664	K19487.9
81 50220 0665	K19487.9
81 50220 0684	K19486.0
81 50220 0685	K19486.1
81 50220 0697	17 682 19,10 60 8
81 50220 0699	17 238 18,30 00 8
81 50220 0701	K19486.0

...MAN	FERODO
81 50220 0702	K19486.1
81 50220 0703	K19486.0
81 50220 0704	K19486.1
81 50220 0705	K19486.0
81 50220 0706	K19486.1
81 50220 0707	K19486.0
81 50220 0708	K19486.1
81 50220 0709	K19486.0
81 50220 0710	K19486.1
81 50220 0760	K19486.9
81 50220 0761	K19486.0
81 50220 0762	K19486.1
81 50220 0766	K19486.0
81 50220 0772	K19486.0
81 50220 0776	17 238 18,30 00 8
81 50220 0923	17 682 18,30 60 8
81 50220 0926	17 238 18,30 00 8
81 50220 0929	K19486.0
81 50220 0994	K19486.0
81 50220 0995	K19486.9
81 50220 0996	K19486.0
81 50220 0997	K19486.1
81 50221 0006	K17900.0
81 50221 0007	K17900.0
81 50221 0009	K17900.0
81 50221 0012	K15817.0
81 50221 0013	K15817.1
81 50221 0015	K15817.0
81 50221 0016	K15817.1
81 50221 0048	17 682 17,00 60 8
81 50221 0049	17 682 18,30 60 8
81 50221 0050	17 682 17,00 60 8
81 50221 0051	17 682 19,10 60 8
81 50221 0052	17 682 19,10 60 8
81 50221 0053	17 238 17,00 00 8
81 50221 0055	17 238 17,00 00 8
81 50221 0056	17 238 18,30 00 8
81 50221 0058	K19487.9
81 50221 0147	K19486.9
81 50221 0148	K19486.0
81 50221 0160	K19486.0
81 50221 0162	K19486.0
81 50221 0163	K19486.1
81 50221 0181	K19487.9
81 50221 0214	K19486.0
81 50221 0215	K19486.9
81 50221 0216	K19486.1
81 50221 0219	K19487.9
81 50221 0314	17 682 18,30 60 8
81 50221 0315	17 682 17,00 60 8
81 50221 0316	17 682 19,10 60 8
81 50221 0317	17 682 19,10 60 8
81 50221 0319	17 238 17,00 00 8
81 50221 0320	17 238 18,30 00 8
81 50221 0414	K19486.9
81 50221 0415	K19486.9
81 50221 0416	K19486.0
81 50221 0417	K19486.1
81 50221 0430	17 238 18,30 00 8
81 50221 0431	17 238 17,00 00 8
81 50221 0432	17 238 18,30 00 8
81 50221 0435	K19486.0
81 50221 0436	K19486.9
81 50221 0437	K19486.1
81 50221 0441	K19487.9
81 50221 0446	K19488.9
81 50221 0451	K19487.9
81 50221 0516	17 238 17,00 00 8



...MAN	FERODO
81 50221 0517	17 238 18,30 00 8
81 50221 0520	K19486.0
81 50221 0521	K19486.9
81 50221 0522	K19486.1
81 50221 0526	K19487.9
81 50221 0531	K19488.9
81 50221 0584	K15879.0
81 50221 0585	K15879.1
81 50221 0587	K17988.0
81 50221 0588	K17988.1
81 50221 0616	K17017.0
81 50221 0634	17 238 17,00 00 8
81 50221 0635	17 238 17,00 00 8
81 50221 0636	17 238 18,30 00 8
81 50221 0637	17 238 19,10 00 8
81 50221 0673	K15879.0
81 50221 0674	K17988.0
81 50221 0675	K17017.0
81 50221 0676	K19177.0
81 50221 0698	17 682 17,00 60 8
81 50221 0700	17 682 18,30 60 8
81 50221 0734	K15879.1
81 50221 0736	K17988.0
81 50221 0738	K17017.0
81 50221 0740	K19177.0
81 50221 0768	17 682 17,00 60 8
81 50221 0771	K19487.9
81 50221 0783	17 238 17,00 00 8
81 50221 0784	K19487.9
81 50221 0785	K15817.0
81 50221 0786	K15817.1
81 50221 0788	K15817.0
81 50221 0789	K15817.1
81 50221 0791	K17900.0
81 50221 0795	K17900.0
81 50221 0809	K19487.9
81 50221 0829	17 238 17,00 00 8
81 50221 0830	17 238 17,00 00 8
81 50221 0831	17 238 18,30 00 8
81 50221 0832	17 238 19,10 00 8
81 50221 0834	17 238 17,00 00 8
81 50221 0835	17 238 17,00 00 8
81 50221 0836	17 238 18,30 00 8
81 50221 0837	17 238 19,10 00 8
81 50221 0850	K19487.9
81 50221 0855	K19487.9
81 50221 0873	K17017.0
81 50221 0874	K17988.0
81 50221 0897	17 238 17,00 00 8
81 50221 0898	17 238 17,00 00 8
81 50221 0899	17 238 18,30 00 8
81 50221 0900	17 238 19,10 00 8
81 50221 0901	K19486.9
81 50221 0903	K19486.9
81 50221 0906	K19487.9
81 50221 0908	K19487.9
81 50221 0939	17 238 17,00 00 8
81 50221 0940	17 238 19,10 00 8
81 50221 0943	K19486.9
81 50221 0944	K19486.9
81 50221 0945	K19486.1
81 50221 0949	K19487.9
81 50221 6014	K15879.1
81 50221 6016	K17988.0
81 50221 6017	K17988.0
81 50221 6025	K17017.0
81 50221 6031	K17988.0
81 50221 6032	K17988.0

...MAN	FERODO
81 50221 6034	K15879.0
81 50221 6035	K15879.1
81 50221 6037	K17017.0
81 50221 6038	K17017.1
81 50221 6040	K19177.0
81 50221 6041	K19177.1
81 50221 6044	K17988.0
81 50221 6049	K19177.0
81 50221 6050	K19177.1
81 50221 6055	K17017.0
81 50221 6056	K17017.1
81 50221 6061	K15879.0
81 50221 6062	K15879.1
81 50221 6070	K19708.0
81 50221 6071	K19708.1
81 50221 6073	17 238 17,00 00 8
81 50221 6074	17 238 18,30 00 8
81 50221 6075	17 238 19,10 00 8
81 50221 6077	K19487.9
81 50221 6078	K19487.0
81 50221 6079	K19487.1
81 50221 6081	K19488.9
81 50221 6085	K19486.9
81 50221 6086	K19486.9
81 50221 6087	K19486.1
81 50221 6089	17 238 17,00 00 8
81 50221 6090	17 238 18,30 00 8
81 50221 6091	17 238 19,10 00 8
81 50221 6093	K19486.9
81 50221 6094	K19486.0
81 50221 6095	K19486.1
81 50221 6097	K19487.9
81 50221 6098	K19487.0
81 50221 6099	K19487.1
81 50221 6101	K19488.9
88 50220 0023	K19486.0
88 50220 0036	K19486.9
88 50220 0037	K19486.1
88 50220 0040	K19488.9
88 50220 0050	K19579.9
88 50220 0064	K19579.1
88 50220 0068	K19579.1
88 50220 0072	K19581.1
88 50220 0076	K19579.1
90 80020 0168	17 269 12,00 60 3
90 80020 0169	17 269 12,00 60 3
90 81074 4297	19 019 14,00 60 4
90 81074 4887	17 269 12,00 60 3
90 81074 4889	17 269 12,00 60 3
90 81074 4897	19 019 14,00 60 4
90 81074 4960	17 269 12,00 60 3

MERCEDES-BENZ	FERODO
000 421 01 31	K19847.0
301 421 12 10	K19579.0
301 421 13 10	K19579.1
301 421 14 10	K19579.2
301 421 15 10	K19579.0
301 421 16 10	K19579.1
301 421 17 10	K19579.2
301 421 18 10	17 795 18,00 00 6
301 421 19 10	17 795 18,00 00 6
301 421 21 10	17 795 18,00 00 6
301 421 22 10	17 795 18,00 00 6
301 421 28 10	17 795 18,00 00 6
301 421 55 10	17 795 18,00 00 6
301 421 56 10	17 795 18,00 00 6

...MERCEDES-BENZ	FERODO
301 421 58 10	17 795 18,00 00 6
301 421 59 10	17 795 18,00 00 6
301 421 61 10	K19579.1
301 421 62 10	K19579.2
301 421 63 10	19 579 20,50 00 6
301 421 64 10	K19579.1
301 421 65 10	K19579.2
301 421 66 10	19 579 20,50 00 6
301 421 88 10	17 795 18,00 00 6
301 421 89 10	17 795 18,00 00 6
301 423 21 10	K19581.1
301 423 22 10	K19581.2
301 423 23 10	19 581 20,50 00 6
301 423 24 10	K19579.1
301 423 25 10	K19579.2
301 423 26 10	19 579 20,50 00 6
301 423 70 10	K19579.0
301 423 71 10	K19579.2
301 423 72 10	19 579 20,50 00 6
301 423 79 10	K19579.1
301 423 80 10	K19579.2
301 423 81 10	19 579 20,50 00 6
302 421 03 10	K19125.0
302 421 06 10	K19125.0
302 423 18 10	K19125.0
303 423 09 10	17 285 10,00 60 8
305 421 00 10	K19486.0
305 421 01 10	K19486.1
305 421 03 10	K19125.0
305 421 06 10	K19125.0
305 423 03 10	K19488.0
305 423 04 10	K19488.1
305 423 09 10	K19488.0
305 423 10 10	K19488.1
307 421 00 10	K19579.1
307 421 01 10	K19579.2
307 421 02 10	K19579.2
307 421 03 10	K19579.0
307 421 04 10	K19579.2
307 421 05 10	K19579.2
307 421 06 10	K19579.1
307 421 07 10	K19579.2
307 421 08 10	19 579 20,50 00 6
307 421 09 10	K19579.1
307 421 10 10	K19579.2
307 421 11 10	19 579 20,50 00 6
307 421 24 10	K19579.0
307 421 25 10	K19579.1
307 421 26 10	K19579.2
307 421 27 10	K19579.0
307 421 28 10	K19579.1
307 421 29 10	K19579.2
307 421 30 10	K19579.0
307 421 31 10	K19579.1
307 421 32 10	K19579.2
307 421 33 10	K19579.0
307 421 34 10	K19579.1
307 421 35 10	K19579.2
307 421 36 10	17 795 18,00 00 6
307 421 37 10	17 795 18,80 00 6
307 421 39 10	17 795 18,00 00 6
307 421 40 10	17 795 18,80 00 6
307 421 42 10	K19579.1
307 421 43 10	K19579.2
307 421 44 10	19 579 20,50 00 6
307 421 45 10	K19579.1
307 421 46 10	K19579.2
307 421 47 10	19 579 20,50 00 6

...MERCEDES-BENZ	FERODO
307 421 48 10	K19579.0
307 421 49 10	K19579.2
307 421 50 10	19 579 20,50 00 6
307 421 51 10	K19579.0
307 421 52 10	K19579.2
307 421 53 10	19 579 20,50 00 6
307 421 54 10	17 795 18,00 00 6
307 421 55 10	17 795 18,00 00 6
307 421 57 10	19 579 20,50 00 6
307 421 58 10	K19579.1
307 421 59 10	K19579.0
307 421 60 10	K19579.0
307 421 61 10	K19579.2
307 421 62 10	19 579 20,50 00 6
307 421 63 10	K19579.1
307 421 64 10	K19579.2
307 421 65 10	19 579 20,50 00 6
307 421 66 10	K19579.1
307 421 67 10	K19579.2
307 421 68 10	19 579 20,50 00 6
307 421 69 10	K19579.0
307 421 70 10	K19579.1
307 421 71 10	K19579.2
307 423 06 10	K19581.0
307 423 07 10	K19581.1
307 423 08 10	K19581.2
307 423 09 10	K19581.0
307 423 10 10	K19581.0
307 423 11 10	K19579.2
307 423 18 10	K19581.0
307 423 19 10	K19581.1
307 423 20 10	K19581.2
307 423 21 10	K19581.0
307 423 22 10	K19581.1
307 423 23 10	K19581.2
307 423 24 10	K19581.0
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307 423 26 10	K19579.2
307 423 27 10	K19581.0
307 423 28 10	K19581.1
307 423 29 10	K19581.2
307 423 42 10	K19581.1
307 423 43 10	K19581.2
307 423 44 10	19 581 20,50 00 6
307 423 45 10	K19579.1
307 423 46 10	K19579.2
307 423 47 10	19 579 20,50 00 6
307 423 48 10	K19581.1
307 423 49 10	K19581.2
307 423 50 10	19 581 20,50 00 6
307 423 51 10	K19579.1
307 423 52 10	K19579.2
307 423 53 10	19 579 20,50 00 6
307 423 54 10	K19579.1
307 423 55 10	K19579.2
307 423 56 10	19 579 20,50 00 6
307 423 57 10	K19579.1
307 423 58 10	K19579.2
307 423 59 10	19 579 20,50 00 6
307 423 60 10	K19579.1
307 423 61 10	K19579.2
307 423 62 10	19 579 20,50 00 6
307 423 63 10	K19579.1
307 423 64 10	K19579.2
307 423 65 10	19 579 20,50 00 6
309 420 55 20	K15349.0
309 420 57 20	K15349.0
309 420 58 20	K15349.0

FERODO



...MERCEDES-BENZ	FERODO
309 420 60 20	K15349.0
309 421 03 10	K15349.0
309 421 04 10	K15349.0
309 421 05 10	K15349.1
309 421 06 10	K15349.0
309 421 07 10	K15349.0
309 421 08 10	K15349.1
309 421 09 10	K15580.0
309 421 10 10	K15580.0
309 421 11 10	K15580.1
309 421 12 10	K15580.0
309 421 13 10	K15580.0
309 421 14 10	K15580.1
309 421 15 10	K15349.0
309 421 16 10	K15349.0
309 421 17 10	K15349.1
309 421 18 10	K15349.0
309 421 19 10	K15349.0
309 421 20 10	K15349.1
309 421 21 10	K15580.0
309 421 22 10	K15580.0
309 421 23 10	K15580.1
309 421 24 10	K15580.0
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309 421 26 10	K15580.1
309 421 27 10	K15349.0
309 421 28 10	K15349.0
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309 421 49 10	K15349.0
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309 421 67 10	K15349.0
309 421 68 10	K15349.0
309 421 69 10	K15349.1
310 325 13 00	15 057 10,30 60 4
310 421 03 10	K15580.2
310 421 04 10	K15580.2
310 421 05 10	K15580.3
310 421 06 10	K15580.2
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310 421 08 10	K15580.3
310 421 09 10	K15580.0
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310 421 24 10	K15580.2
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310 421 26 10	K15580.3
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310 421 28 10	K15580.2
310 421 29 10	K15580.3
310 421 30 10	K15580.2
310 421 31 10	K15580.3
310 421 32 10	K15580.2

...MERCEDES-BENZ	FERODO
310 421 44 10	K15580.2
310 421 45 10	K15580.2
310 421 46 10	K15580.3
316 421 01 10	K17409.1
316 421 02 10	17 409 11,40 60 4
316 421 03 10	K17409.3
316 421 04 10	K17409.1
316 421 05 10	17 409 11,40 60 4
316 421 06 10	K17409.3
316 421 14 10	17 409 10,60 60 4
316 421 19 10	K17409.3
316 421 22 10	K17409.1
316 421 23 10	17 409 10,60 60 4
316 421 24 10	17 409 11,40 60 4
316 421 25 10	K17409.3
317 421 12 10	K19125.0
317 421 15 10	K19125.0
317 421 25 10	K19125.0
317 421 37 10	K19125.0
317 421 38 10	K19125.0
317 421 41 10	K19125.0
317 421 44 10	K19125.0
317 421 45 10	K19125.0
317 421 50 10	K19125.0
317 421 51 10	K19125.0
317 421 56 10	K19125.0
317 421 57 10	K19125.0
317 421 59 10	K19125.0
317 423 28 10	19 466 19,40 60 8
317 423 50 10	19 466 19,40 60 8
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318 421 18 10	17 409 11,40 60 4
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341 423 08 10	17 298 15,00 60 8
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343 421 18 10	17 285 10,00 60 8

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343 421 21 10	17 285 10,00 60 8
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346 421 00 10	17 238 18,30 00 8
346 423 03 10	K19486.0
346 423 04 10	K19486.1
346 423 12 10	K19486.0
346 423 13 10	K19486.1
346 423 15 10	K19486.0
346 423 16 10	K19486.1
346 423 20 10	17 238 18,30 00 8
346 423 23 10	17 238 18,30 00 8
346 423 26 10	17 238 18,30 00 8
346 423 31 10	K19486.0
346 423 32 10	K19486.1
346 423 37 10	K19486.0
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346 423 40 10	K19486.9
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346 423 46 10	17 238 17,00 00 8
346 423 47 10	K19486.9
346 423 55 10	17 238 17,00 00 8
346 423 56 10	K19486.9
346 423 58 10	K19486.0
346 423 59 10	K19486.1
346 423 61 10	K19486.0
346 423 62 10	K19486.1
346 423 65 10	17 238 18,30 00 8
346 423 67 10	17 238 17,00 00 8
346 423 68 10	17 238 18,30 00 8
346 423 76 10	K19486.9
346 423 88 10	17 238 18,30 00 8
346 423 89 10	17 238 19,10 00 8
346 423 94 10	17 238 17,00 00 8
346 423 95 10	17 238 17,00 00 8
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353 423 00 10	17 297 15,00 60 8
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353 423 14 10	17 682 19,10 60 8
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355 423 00 10	K19125.0
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355 423 25 10	K19125.0
355 423 34 10	K19125.0
355 423 35 10	K19125.0
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357 423 02 11	K19581.1
357 423 03 11	K19579.2
357 423 04 11	K19579.0
357 423 05 11	K19579.1
357 423 06 11	K19579.2
357 423 07 11	K19579.1
357 423 08 11	K19579.2
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357 423 10 11	K19581.1
357 423 11 11	K19579.2
357 423 12 11	19 579 20,50 00 6
357 423 19 11	K19579.1
357 423 20 11	K19579.2
357 423 21 11	19 579 20,50 00 6
357 423 22 11	K19581.1
357 423 23 11	K19581.2
357 423 24 11	19 581 20,50 00 6
357 423 31 11	K19579.1
357 423 32 11	K19579.2
357 423 33 11	19 579 20,50 00 6
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370 421 00 10	K19125.0
370 421 03 10	K19125.0
370 421 06 10	K19125.0
381 421 00 10	17 682 17,00 60 8



...MERCEDES-BENZ	FERODO
381 421 01 10	17 682 17,00 60 8
381 421 02 10	17 682 18,30 60 8
381 421 03 10	17 682 19,10 60 8
381 423 00 10	17 682 18,30 60 8
381 423 01 10	17 682 19,10 60 8
381 423 03 10	17 682 17,00 60 8
381 423 04 10	17 682 18,30 60 8
381 423 05 10	17 682 19,10 60 8
381 423 06 10	17 682 19,10 60 8
381 423 07 10	17 682 17,00 60 8
381 423 19 10	17 238 18,30 00 8
381 423 20 10	17 238 18,30 00 8
381 423 22 10	K19486.0
381 423 23 10	K19486.1
381 423 26 10	17 238 17,00 00 8
381 423 27 10	K19486.9
383 421 06 10	17 682 18,30 60 8
383 421 07 10	17 682 19,10 60 8
383 421 08 10	17 682 19,10 60 8
383 421 09 10	17 682 18,30 60 8
383 421 10 10	17 682 19,10 60 8
383 421 11 10	17 682 19,10 60 8
383 421 14 10	17 682 17,00 60 8
383 421 15 10	17 682 17,00 60 8
383 421 19 10	17 682 18,30 60 8
383 421 20 10	17 682 19,10 60 8
383 421 23 10	17 682 19,10 60 8
383 421 24 10	17 682 18,30 60 8
383 421 25 10	17 682 17,00 60 8
383 421 26 10	17 682 17,00 60 8
383 421 28 10	17 238 17,00 00 8
383 421 30 10	17 238 17,00 00 8
383 421 31 10	17 238 17,00 00 8
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385 421 10 10	K19486.0
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385 423 05 10	17 238 18,30 00 8
385 423 07 10	17 238 17,00 00 8
385 423 08 10	17 238 17,00 00 8
385 423 09 10	17 238 18,30 00 8
385 423 10 10	17 238 18,30 00 8
385 423 12 10	17 238 17,00 00 8
385 423 13 10	K19486.9
385 423 15 10	K19486.0
385 423 16 10	K19486.1
407 421 02 10	15 295 06,40 60 4
407 421 03 10	15 295 07,00 60 4
407 421 05 10	15 295 06,40 60 4
421 421 00 10	15 295 06,40 60 4
421 421 01 10	15 295 07,00 60 4
421 421 02 10	15 295 06,40 60 4
421 421 03 10	15 295 07,00 60 4
421 421 05 10	15 295 06,40 60 4
421 421 06 10	15 295 07,00 60 4
421 421 65 10	15 295 06,40 60 4
463 423 00 10	K13532.0
463 423 01 10	K13532.1
463 423 02 10	K15742.0
463 423 03 10	K15742.1
488 421 00 10	17 238 18,30 00 8
488 421 01 10	17 238 19,10 00 8

...MERCEDES-BENZ	FERODO
497 421 00 10	17 238 18,30 00 8
497 421 01 10	17 238 19,10 00 8
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601 423 00 10	11 019 08,70 60 5
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601 423 06 10	11 019 08,70 60 5
601 423 09 10	11 019 08,70 60 5
601 423 12 10	11 019 08,00 60 5
601 423 13 10	11 019 08,00 60 5
601 423 17 10	11 019 08,00 60 5
601 423 18 10	11 019 08,00 60 5
601 423 19 10	11 019 08,70 60 5
601 423 26 10	11 019 08,00 60 5
601 423 27 10	11 019 08,70 60 5
601 423 30 10	11 019 08,00 60 5
601 423 31 10	11 019 08,70 60 5
601 423 45 10	11 019 08,00 60 5
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601 423 62 10	11 019 08,70 60 5
601 423 63 10	11 019 08,70 60 5
601 423 68 10	11 019 08,00 60 5
601 423 69 10	11 019 08,00 60 5
601 423 70 10	11 019 08,00 60 5
601 423 71 10	11 019 08,00 60 5
601 423 72 10	11 019 08,70 60 5
601 423 73 10	11 019 08,70 60 5
601 423 77 10	11 019 08,00 60 5
601 423 78 10	11 019 08,70 60 5
601 430 09 22	11 019 08,00 60 5
602 423 06 10	K13532.0
602 423 07 10	K13532.1
602 423 08 10	K13532.1
602 423 09 10	K13532.0
602 423 10 10	K13532.1
602 423 11 10	K13532.1
602 423 12 10	13 020 08,00 60 3
602 423 13 10	13 020 08,00 60 3
602 423 17 10	13 020 08,00 60 3
602 423 18 10	13 020 08,00 60 3
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602 423 30 10	13 020 08,00 60 3
602 423 31 10	K13532.0
602 423 32 10	K13532.1
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602 423 35 10	13 020 08,00 60 3
602 423 36 10	13 020 08,00 60 3
602 423 37 10	K13532.0
602 423 38 10	K13532.1
602 423 39 10	13 020 08,00 60 3
602 423 40 10	K13532.0
602 423 41 10	K13532.1
602 423 42 10	K13532.1
602 423 44 10	13 020 08,00 60 3

...MERCEDES-BENZ	FERODO
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602 423 46 10	K13532.0
602 423 47 10	K13532.1
602 423 48 10	13 020 08,00 60 3
602 423 49 10	K13532.0
602 423 50 10	K13532.1
602 423 51 10	K13532.1
602 423 60 10	13 020 08,00 60 3
602 423 61 10	13 020 08,00 60 3
602 423 62 10	K13532.0
602 423 63 10	K13532.1
602 423 64 10	13 020 08,00 60 3
602 423 65 10	K13532.0
602 430 15 22	13 020 08,00 60 3
603 420 02 20	13 020 08,00 60 3
603 420 03 20	K15742.1
603 420 07 20	K15742.0
603 420 08 20	K15742.0
603 420 09 20	K15742.1
603 420 10 20	K15742.1
608 421 00 10	13 141 05,00 61 4
608 421 05 10	13 141 05,00 61 4
608 421 08 10	13 141 05,00 61 4
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608 421 12 10	13 141 05,00 61 4
608 586 08 42	13 141 05,00 61 4
608 586 09 42	13 141 05,00 61 4
611 420 90 20	K15742.0
611 423 00 10	K15742.1
611 423 01 10	15 030 09,80 60 3
611 423 02 10	15 030 09,80 60 3
611 423 03 10	K15742.1
611 423 04 10	15 030 09,80 60 3
611 423 05 10	15 030 09,80 60 3
611 423 06 10	K15742.0
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611 423 12 10	K15742.1
611 423 13 10	15 030 09,80 60 3
611 423 14 10	K15742.0
611 423 15 10	K15742.1
611 423 16 10	15 030 09,80 60 3
611 423 18 10	K15742.0
611 423 19 10	K15742.0
611 423 20 10	K15742.1
611 423 21 10	15 030 09,80 60 3
611 423 22 10	K15742.0
611 423 23 10	K15742.1
611 423 24 10	K15742.0
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611 423 30 10	K15742.1
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617 421 01 10	K19486.9
617 421 12 10	17 682 17,00 60 8
617 421 13 10	17 682 18,30 60 8
617 421 14 10	17 682 19,10 60 8
617 421 16 10	17 682 17,00 60 8
617 421 17 10	17 682 18,30 60 8
617 421 18 10	17 682 19,10 60 8
617 423 00 11	17 682 18,30 60 8
617 423 00 30	K19488.9
617 423 01 11	17 682 19,10 60 8
617 423 01 30	17 682 18,30 60 8
617 423 02 30	K19488.1
617 423 03 11	17 238 17,00 00 8
617 423 04 11	17 238 18,30 00 8
617 423 05 11	17 238 19,10 00 8

...MERCEDES-BENZ	FERODO
617 423 06 30	K19488.0
617 423 07 11	K19486.9
617 423 07 30	K19488.1
617 423 08 11	K19486.9
617 423 08 30	K19488.1
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617 423 10 10	17 238 17,00 00 8
617 423 12 10	17 238 17,00 00 8
617 423 17 30	K19486.9
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617 423 19 11	K19486.9
617 423 19 30	K19486.1
617 423 20 11	K19486.0
617 423 21 11	K19486.1
617 423 21 30	17 238 17,00 00 8
617 423 22 10	17 682 17,00 60 8
617 423 22 30	17 238 18,30 00 8
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617 423 23 30	17 238 19,10 00 8
617 423 24 10	17 682 19,10 60 8
617 423 26 10	17 238 17,00 00 8
617 423 26 30	17 238 17,00 00 8
617 423 27 10	17 238 17,00 00 8
617 423 30 10	K19486.9
617 423 31 10	K19486.0
617 423 32 10	K19486.1
617 423 33 11	K19488.0
617 423 34 11	K19488.1
617 423 37 11	K19488.9
617 423 39 11	17 238 17,00 00 8
617 423 40 11	17 238 18,30 00 8
617 423 41 11	17 238 19,10 00 8
617 423 43 10	17 238 17,00 00 8
617 423 43 11	17 238 17,00 00 8
617 423 44 10	17 238 18,30 00 8
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617 423 45 11	17 238 19,10 00 8
617 423 47 10	K19486.9
617 423 47 11	K19486.9
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617 423 56 10	K19488.0
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617 423 61 10	K19488.9
617 423 62 10	K19488.9
617 423 63 10	17 238 17,00 00 8
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617 423 67 10	K19486.9
617 423 68 10	K19486.0
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621 421 09 10	K19486.0
621 423 00 11	K19486.9
652 423 04 10	17 238 17,00 00 8
652 423 05 10	17 238 18,30 00 8
652 423 06 10	17 238 18,30 00 8
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652 423 09 10	K19486.0
652 423 10 10	K19486.1
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659 421 01 10	17 238 18,30 00 8
659 421 02 10	17 238 19,10 00 8
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659 421 09 10	17 238 18,30 00 8
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659 421 13 10	K19486.1
659 421 16 10	17 238 17,00 00 8
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659 421 19 10	17 238 19,10 00 8
659 423 12 10	K19488.9
659 423 13 10	K19488.0
659 423 14 10	K19488.1
659 423 28 10	K19488.0
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659 423 36 10	K19488.0
659 423 37 10	K19488.9
659 423 38 10	K19488.1
667 423 01 10	K15742.0
667 423 02 10	K15742.0
667 423 03 10	15 030 09,80 60 3
667 423 04 10	15 030 09,80 60 3
667 423 14 10	K15742.0
667 423 16 10	15 030 09,80 60 3
667 423 17 10	15 030 09,80 60 3
667 423 18 10	K15742.0
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667 423 20 10	15 030 09,80 60 3
667 423 22 10	K15742.0
667 423 23 10	K15742.1
667 423 29 10	K15742.0
667 423 30 10	K15742.0
667 423 31 10	K15742.1
667 423 33 10	K15742.0
667 423 34 10	K15742.1
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668 423 30 10	17 350 10,20 60 3
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668 423 37 10	K17975.0
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...MERCEDES-BENZ	FERODO
668 423 46 10	15 059 10,20 60 3
668 423 62 10	K15869.0
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670 423 20 10	15 059 10,20 60 3
670 423 27 11	17 351 10,20 60 3
670 423 38 11	K15869.0
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670 423 51 11	K17975.0
670 423 56 10	15 059 10,20 60 3
670 423 57 10	K15869.0
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670 423 64 11	17 351 10,20 60 3
670 423 66 11	17 351 10,20 60 3
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670 423 69 10	17 351 10,20 60 3
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673 421 08 31	17 280 14,30 00 4
673 421 11 31	17 278 13,50 00 4
673 421 12 31	17 278 14,30 00 4
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673 421 16 31	15 162 14,30 00 4
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673 421 24 31	17 278 14,30 00 4
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673 421 28 31	17 280 14,30 00 4
673 421 31 31	17 287 13,50 00 4
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673 421 35 30	17 278 14,30 00 4
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673 421 59 10	17 287 14,30 00 4
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673 421 63 10	17 280 14,30 00 4
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673 421 70 10	15 162 13,50 00 4
673 421 71 10	15 162 14,30 00 4
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674 421 24 30	15 162 13,50 00 4
674 421 25 30	15 162 14,30 00 4
674 421 28 30	17 287 13,50 00 4
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...MERCEDES-BENZ	FERODO
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674 421 48 30	K17928.3
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674 421 53 30	17 278 14,30 00 4
674 421 56 30	15 162 13,50 00 4
674 421 57 30	15 162 14,30 00 4
675 421 33 30	19 505 15,80 60 6
675 421 34 30	19 505 15,80 60 6
675 421 35 30	19 505 16,80 60 6
675 421 45 30	19 505 15,80 60 6
675 421 46 30	19 505 16,80 60 6
675 421 81 10	19 505 15,80 60 6
675 421 83 10	19 505 15,80 60 6
675 421 85 10	19 505 16,80 60 6
675 421 89 10	19 505 15,80 60 6
675 421 91 10	19 505 15,80 60 6
675 421 93 10	19 505 16,80 60 6
676 421 08 10	19 505 15,80 60 6
676 421 09 10	19 505 15,80 60 6
676 421 10 10	19 505 16,80 60 6
676 421 20 10	19 505 15,80 60 6
676 421 21 10	19 505 15,80 60 6
676 421 22 10	19 505 16,80 60 6
676 421 32 10	19 505 15,80 60 6
676 421 33 10	19 505 15,80 60 6
676 421 34 10	19 505 16,80 60 6
A617 423 14 30 67	K19487.0
A659 423 37 10 67	K19488.9
A659 423 38 10 67	K19488.1

MERITOR	FERODO
210.20.776	K19604.0
212.00.780 D	K19604.1
212.09.710	K19908.0
68371277NQT	K19708.0
68371366NQT	K17017.0
68371371NQT	K19177.0
68371378NQT	K15879.0

NEOPLAN	FERODO
0803 508 03	19 849 17,55 00 6
0804 500 40	19 849 17,55 00 6
0804 501 40	19 849 17,55 00 6

RABA	FERODO
03 092 18 11 0	15 044 06,00 60 4
03 092 20 21 0	15 247 08,00 60 4
03 092 22 34 0	K17016.1
03 092 22 35 0	K17016.0
974917	11 084 05,00 60 4
974919	11 268 04,00 61 4
980903	15 247 08,00 60 4

RENAULT TRUCKS	FERODO
3 700 049	J1228928
5000 242 747	K19486.9
5000 242 748	K19486.9
5000 242 867/8	K19486.9
5000 243 220	K17804.0
5000 243 792	J1288928

...RENAULT TRUCKS	FERODO
5000 288 506	J1338928
5000 288 508	K19935.0
5000 288 509	K19935.1
5000 288 510	K19657.0
5000 288 511	K19657.1
5000 288 512	K19934.0
5000 288 513	K19934.1
5000 288 514	K19049.0
5000 288 515	K19049.1
5000 288 516	J1228928
5000 288 518	J1228928
5000 288 520	J1229928
5000 288 522	J1229928
5000 288 524	K19255.0
5000 288 525	K19255.1
5000 559 091	K17827.0
5000 559 160	K19620.0
5000 559 392	J1228928
5000 559 441	K19049.0
5000 560 943	K17827.0
5000 560 944	K19620.1
5000 560 946	K17804.1
5000 560 984	J1229928
5000 587 611	K19620.1
5000 793 121	K19657.0
5000 793 132	K19657.1
5000 809 636	K19049.1
5000 809 868	J1338928
5000 811 113	K19935.0
5000 811 574	K19935.0
5000 811 877	K19049.0
5000 811 878	K19657.0
5000 811 881	K19049.1
5000 811 882	K19657.1
5000 812 335	K19934.0
5000 814 168	K19934.1
5000 814 169	K19935.1
5000 814 836	K19032.0
5000 814 837	K19094.0
5000 814 854	K19049.0
5000 814 855	K19049.0
5000 814 856	K19049.1
5000 814 857	K19049.1
5000 814 858	K19657.0
5000 814 859	K19657.1
5000 814 860	K19049.0
5000 814 861	K19049.1
5000 815 640	K19255.0
5000 816 057	K19049.1
5000 816 058	K19049.0
5000 819 160	K17827.0
5000 819 161	K19620.0
5000 819 162	K17827.1
5000 819 163	K19620.0
5000 819 683	K19486.9
5000 820 062	K19934.1
5000 820 063	K19935.0
5000 820 064	K19935.1
5000 821 135	K19049.0
5000 821 136	K19657.0
5000 821 730	K19049.0
5000 821 731	K19049.1
5000 821 732	K19657.0
5000 821 733	K19657.1
5000 821 815	K19934.0
5000 821 816	K19934.1
5000 821 817	K19935.0
5000 821 818	K19935.1



...RENAULT TRUCKS	FERODO
5000 822 061	K19934.0
5000 822 062	K19934.1
5000 822 063	K19935.0
5000 822 064	K19935.1
5000 822 593	J1228928
5000 822 595	J1229928
5000 822 597	K17827.0
5000 822 598	K17827.1
5000 822 599	K19620.0
5000 822 604	K19255.1
5000 822 605	K19620.1
5000 823 538	K19934.0
5000 823 921	K19032.0
5000 823 922	K19094.0
5000 824 295	K19049.0
5000 824 296	K19049.1
5000 824 297	K19657.0
5000 824 298	K19657.1
5000 825 618	K19657.0
5000 916 058	K19049.0
5001 019 222	K19187.0
5001 823 240	K19187.0
5001 823 241	K19187.1
5001 825 619	K19657.1
5001 825 620	K19049.0
5001 825 621	K19049.1
5001 825 627	K19255.0
5001 825 629	K19255.1
5001 826 722	K19604.0
5001 831 229	K17804.0
5001 831 231	J1288928
5001 836 920	J1338928
5001 855 104	K19934.0
5001 855 105	K19934.0
5001 855 106	K19935.0
5001 855 107	K19935.0
5001 855 122	K19187.0
5001 855 123	K19187.0
5001 855 146	K19187.0
5001 860 032	K19935.0
5001 860 048	K19187.0
7701 010 167	K19049.0
7701 010 168	K19049.1
7701 010 593	K19049.0
7701 010 594	K19049.1

SAE	FERODO
06905-057	J1524928
07109-048	K19094.0
07112-095	J1524928
07412-033	15 799 11,50 66 8
07702-025	15 247 08,00 60 4
07802-022	K19762.0
07802-041	K19760.0
07802-043	17 897 15,80 00 6
08803-050	K19762.0
08804-171	15 799 12,80 66 8
09012-300	15 799 11,50 66 8
09012-301	17 897 15,80 00 6
09012-302	K19760.0
09012-303	K19762.0
09104-100	15 799 11,50 66 8
09104-120	17 897 15,80 00 6
09104-130	17 897 15,80 00 6
09104-140	K19760.0
09104-160	K19762.0
09191-004	19 574 17,00 00 8

...SAE	FERODO
09291-004	19 574 17,00 00 8
09291-029	19 574 17,00 00 8
09291-030	K19574.1
09291-032	19 902 17,00 00 6
09291-035	19 902 17,00 00 6
09291-036	K19902.1
09291-044	K17347.0
09291-045	17 347 19,00 00 8
09291-046	17 347 19,00 00 8
09317-084	19 574 17,00 00 8
09317-085	K19574.1
09317-086	19 902 17,00 00 6
09317-087	K19902.1
09317-168	K17347.0
09317-169	17 347 19,00 00 8

SAF	FERODO
1 057 0012 00	K19032.0
1 057 0012 10	K19032.1
1 057 0012 20	K19032.2
1 057 0013 00	K19094.0
1 057 0013 10	K19094.1
1 057 0013 20	K19094.2
1 057 0024 00	19 515 15,70 00 6
1 057 0024 10	K19515.0
1 057 0024 20	19 515 17,20 00 6
1 057 0025 00	19 515 15,70 00 6
1 057 0025 10	K19515.0
1 057 0025 20	19 515 17,20 00 6
1 057 0033 00	19 517 15,70 00 6
1 057 0033 10	19 517 16,80 00 6
1 057 0033 20	19 517 17,20 00 6
1 057 0034 00	19 517 15,70 00 6
1 057 0034 10	19 517 16,80 00 6
1 057 0034 20	19 517 17,20 00 6
1 057 0044 00	19 892 18,00 00 6
1 057 0044 10	K19892.0
1 057 0044 20	K19892.1
1 057 0058 00	15 077 16,00 00 8
1 057 0058 10	15 077 17,00 00 8
1 057 0060 00	K19283.0
1 057 0060 10	K19283.1
1 057 0060 20	K19283.2
1 057 0061 00	K19283.0
1 057 0061 10	K19283.1
1 057 0061 20	K19283.2
1 057 0066 00	K19477.0
1 057 0066 10	K19477.1
1 057 0066 20	K19477.2
1 057 0067 00	K19477.0
1 057 0067 10	K19477.1
1 057 0067 20	K19477.2
1 057 0068 00	K19480.0
1 057 0068 10	K19480.1
1 057 0069 00	K19480.0
1 057 0069 10	K19480.1
1 057 0070 00	19 490 20,60 00 6
1 057 0070 10	19 490 21,60 00 6
1 057 0071 00	19 490 20,60 00 6
1 057 0071 10	19 490 21,60 00 6
1 057 2538 00	17 377 18,00 00 8
1 057 2538 10	17 377 19,00 00 8
1 057 2538 20	17 377 20,00 00 8
1 057 2844 00 5	19 892 18,00 00 6
1 057 3012 00	K19032.0
1 057 3012 10	K19032.1
1 057 3012 20	K19032.2

...SAF	FERODO
1 057 3013 00	K19094.0
1 057 3013 10	K19094.1
1 057 3013 20	K19094.2
1 057 3024 00	19 515 15,70 00 6
1 057 3024 20	19 515 17,20 00 6
1 057 3024 40	K19515.0
1 057 3025 00	19 515 15,70 00 6
1 057 3025 20	19 515 17,20 00 6
1 057 3033 00	19 517 15,70 00 6
1 057 3033 10	19 517 16,80 00 6
1 057 3033 20	19 517 17,20 00 6
1 057 3034 00	19 517 15,70 00 6
1 057 3044 00	19 892 18,00 00 6
1 057 3044 10	K19892.0
1 057 3044 20	K19892.1
1 057 3058 00	15 077 16,00 00 8
1 057 3058 10	15 077 17,00 00 8
1 057 3060 00	K19283.0
1 057 3060 10	K19283.1
1 057 3060 20	K19283.2
1 057 3061 00	K19283.0
1 057 3061 10	K19283.1
1 057 3061 20	K19283.2
1 057 3066 00	K19477.0
1 057 3066 10	K19477.1
1 057 3066 20	K19477.2
1 057 3067 00	K19477.0
1 057 3067 10	K19477.1
1 057 3067 20	K19477.2
1 057 3069 00	K19480.0
1 057 3069 10	K19480.1
1 057 3070 00	19 490 20,60 00 6
1 057 3071 10	19 490 21,60 00 6
1 057 3124 00	19 515 15,70 00 6
1 057 3124 10	K19515.0
1 057 3124 20	19 515 17,20 00 6
1 057 3125 00	19 515 15,70 00 6
1 057 3125 10	K19515.0
1 057 3125 20	19 515 17,20 00 6
1 057 3134 00	19 517 15,70 00 6
1 057 3135 00	19 517 15,70 00 6
1 057 3143 00	19 892 18,00 00 6
1 057 3143 10	K19892.0
1 057 3166 00	K19477.0
1 057 3167 00	K19477.0
1 057 3169 00	K19480.0
1 057 3170 00	19 490 20,60 00 6
1 057 3171 00	19 490 20,60 00 6
1 057 9970 00	19 490 20,60 00 6
1 057 9970 10	19 490 20,60 00 6
1 057 9971 00	19 490 20,60 00 6
1 057 9971 10	19 490 20,60 00 6
3 057 2412 00	K19032.0
3 057 2413 00	K19094.0
3 057 3012 00	K19032.0
3 057 3012 10	K19032.1
3 057 3012 20	K19032.2
3 057 3013 00	K19094.0
3 057 3013 10	K19094.1
3 057 3013 20	K19094.2
3 057 3058 00	15 077 16,00 00 8
3 057 3058 10	15 077 17,00 00 8
3 057 3060 00	K19283.0
3 057 3060 10	K19283.1
3 057 3060 20	K19283.2
3 057 3066 00	K19477.0
3 057 3124 00	19 515 15,70 00 6
3 057 3124 10	K19515.0

...SAF	FERODO
3 057 3124 20	19 515 17,20 00 6
3 057 3133 00	19 517 15,70 00 6
3 057 3133 10	19 517 16,80 00 6
3 057 3133 20	19 517 17,20 00 6
3 057 3143 00	19 892 18,00 00 6
3 057 3143 10	K19892.0
3 057 3143 20	K19892.1
3 057 3168 00	K19480.0
3 057 3168 10	K19480.1
3 057 3170 00	19 490 20,60 00 6
3 057 3170 10	19 490 21,60 00 6
3 057 3912 00	K19032.0
3 057 3912 10	K19032.1
3 057 3912 20	K19032.2
3 057 3913 00	K19094.0
3 057 3913 10	K19094.1
3 057 3913 20	K19094.2
3 057 3924 00	19 515 15,70 00 6
3 057 3924 10	K19515.0
3 057 3924 20	19 515 17,20 00 6
3 057 3960 00	K19283.0
3 057 3960 10	K19283.1
3 057 3960 20	K19283.2
3 057 3966 00	K19477.0
3 057 3966 10	K19477.1
3 057 3966 20	K19477.2
3 057 3970 00	19 490 20,60 00 6
3 057 3970 10	19 490 21,60 00 6

SCANIA	FERODO
110 9003	K19932.0
133 460	17 161 19,00 00 8
153 5247	17 991 19,00 00 4
153 5248	K19931.0
153 5249	K19932.0
153 5250	K19933.0
153 5253	K19932.0
162 869	K19075.0
162 978	17 161 19,00 00 8
181 814	K19393.0
385 948	K19931.0
385 949	K19932.0
385 950	K19933.0
551 009	K19075.0
551 010	17 161 19,00 00 8
551 029	K19393.0
551 039	K19393.0
551 046	19 647 19,00 00 8
551 048	19 647 19,00 00 8
551 053	K19393.0
551 057	17 161 19,00 00 8
551 058	K19075.0
551 059	K19393.0
551 060	K19393.2
551 063	K19393.2
551 123	K19931.0
551 124	K19932.0
551 125	K19933.0
551 136	17 991 19,00 00 4
551 137	K19931.0
551 138	K19932.0
551 160	17 991 19,00 00 4
551 161	K19931.0
551 162	K19932.0
551 163	K19933.0
551 165	K19931.1
551 166	K19932.1



...SCANIA	FERODO
551 167	K19933.1
551 169	K19075.0
551 170	K19393.0
551 171	19 647 19,00 00 8
551 172	17 161 20,00 00 8
551 173	K19075.1
551 174	K19393.1
551 175	19 647 20,00 00 8
551 180	K19933.0
551 192	K19932.0
552 114	K19932.0
552 116	K19933.0
75 1010	17 161 19,00 00 8
751 011	K19393.0
751 012	K19393.0
751 039	K19393.0
751009	K19075.0

SETRA	FERODO
8 285 079 350	17 742 16,00 00 6
8 285 079 352	17 742 17,00 00 6
8 285 196 110	19 849 17,55 00 6
8 285 196 112	19 849 18,55 00 6
8 285 196 294	19 849 19,55 00 6
8 285 232 219	19 849 17,55 00 6
8 285 232 220	19 849 18,55 00 6
8 285 232 221	19 849 17,55 00 6
8 285 232 222	19 849 18,55 00 6
8 285 232 296	19 849 19,55 00 6
8 285 232 297	19 849 19,55 00 6
8 285 232 309	19 849 17,55 00 6
8 285 232 314	19 849 19,55 00 6
8 285 350 373	19 849 17,55 00 6
8 285 350 375	19 849 19,55 00 6
8 285 364 377	19 849 17,55 00 6
8 285 364 379	19 849 18,55 00 6
8 285 364 381	19 849 19,55 00 6
8 285 506 606	K19847.0
8 285 508 605	K19847.0
8 919 920 576 4	K19743.2

SISU	FERODO
546-360-3013	K19146.0
546-360-3113	K19217.0
546-360-3113 +1	K19217.1
546-360-3213	K19144.0
546-361-6013	K19146.0
546-361-6113	K19146.0
546-361-6213	K19217.0
546-361-6213 +1	K19217.1
546-361-6313	K19217.0
546-361-6313 +1	K19217.1
546-361-6413	K19144.0
546-361-6513	K19144.0

STEYR	FERODO
185 34 701	15 098 08,00 60 4
190 44 0707	K15150.0
190.44.0708	15 174 07,00 00 4
390 44 0714	15 121 05,00 60 4
390.44.0725	15 044 06,00 60 4
590 00 34 0006	K17408.0
590 00 34 0747	K17635.1
590 00 44 0007	K17408.1
590 00 44 0707	K17408.0
590.00.34.0045	K17635.0

STEYR	FERODO
590.00.34.0714	K17635.0
590.00.34.0715	K17635.0
590.00.44.0008	K17408.0
592 00 34 0706	K19821.0
592 00 34 0707	K19821.0
690 00 34 0081	K17688.0
690.00.44.0049	K17758.0
691.00.44.0001	K17758.0
691.00.44.0002	K17758.0
691.00.44.0708	K17758.0
691.00.44.0709	K17758.0
692 00 34 0002	K19821.0
7 G 3332	17 285 10,00 60 8
7 G 3332 A	17 285 11,00 60 8
780 44 0057	17 248 12,00 60 4
780 44 727	17 248 12,00 60 4
780 44 733	17 248 12,00 60 4
892 00 34 0825	K19071.0
990 00 34 0025	19 246 16,00 00 8
990 00 34 0069	19 246 16,00 00 8
991 12 34 0038	19 246 16,00 00 8
991 12 34 0061	19 246 15,00 00 8
991 12 34 0704	19 246 16,00 00 8
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991 12 44 0701	19 245 15,00 00 6

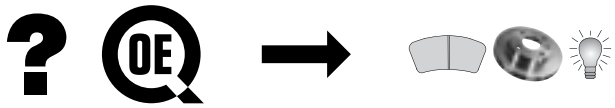
VANHOOL	FERODO
633 107 220	K19743.3

VOLVO	FERODO
150 46 34	J1296928
150 46 37	J1296928
150 46 43	B2212932
150 46 44	B2212932
150 46 45	B4212932
150 46 46	B4212932
150 46 52	19 467 19,00 60 6
150 46 53	19 467 19,00 60 6
150 46 61	K19562.0
150 46 62	K19562.0
270 536-6	J1296928
270 538-2	B2212932
270 539-0	B4212932
270 540-8	19 467 19,00 60 6
270 542-4	K19562.0
270 543-2	K19562.1
270 544-0	K19799.0
270 545-7	K19799.1
270 830-3	K17992.0
270 831-1	K17992.1
270 832-9	K19941.0
270 833-7	K19941.1
270 834-5	K19090.0
270 836-1	K19071.0
270 838-6	K19068.0
270 936-8	K17992.0
270 937-6	K17992.1
270 938-4	K19941.0
270 939-2	K19941.1
270 940-0	K19090.0
270 942-6	K19071.0
270 944-2	K19068.0
270 972-3	K19941.0
270 973-1	K19941.1
270 974-9	K19090.0
270 976-5	K19071.0
270 978-1	K19068.0

...VOLVO	FERODO
271 102-6	K19385.0
271 103-4	K19385.1
271 138-0	B2096932
271 249-5	K19385.0
271 250-3	K19385.1
272 047-8	K19562.1
272 515-0	J1296928
272 515-8	J1296928
272 516-6	19 467 19,00 60 6
272 522-4	B2212932
272 523-2	K19562.0
272 528-1	B2212932
272 529-9	K19562.0
272 545-5	J1296928
272 547	19 467 19,00 60 6
272 549	B2212932
272 549-7	B2212932
272 550-5	B4212932
272 551	K19562.0
272 552	K19562.1
272 584-4	B4212932
272 585-1	K19562.1
272 614-9	K17827.0
272 621-4	K19620.0
272 649-5	J1228928
272 651-1	J1229928
272 652	J1229928
272 672-7	B4212932
272 693-3	J1296928
272 694-1	B2212932
272 695	19 467 19,00 60 6
272 696	K19562.0
272 710-5	K19799.0
272 711-3	K19799.1
272 714-7	K17804.0
272 715-5	K17804.1
272 716-3	J1288928
272 734-5	19 467 19,00 60 6
272 736-0	K19562.0
272 737-8	K19562.1
272 743-6	B4212932
272 744-4	19 467 19,00 60 6
272 746-9	K19562.0
272 747-7	K19562.1
272 748-5	K19799.0
272 749-3	K19799.1
272 785-7	J1296928
272 787-3	19 467 19,00 60 6
272 806-1	B2096932
272 849-1	K19385.1
272 850-9	K19385.2
272 888-9	B2212932
272 889-7	B4212932
272 890-5	19 467 19,00 60 6
272 892-1	K19562.0
272 893-9	K19562.1
272 894-7	K19799.0
272 895-4	K19799.1
272-886-3	B2096932
275 990-0	K17992.0
275 991-8	K17992.1
275 992-6	K19941.0
275 993-4	K19941.1
276 040-3	J1296928
276 042-9	B2212932
276 043-7	B4212932
276 044-5	19 467 19,00 60 6
276 046-0	K19562.0
276 048-6	K19799.0

...VOLVO	FERODO
276 049-4	K19799.1
276 050-2	B2096932
3090 044-3	K19542.0
3090 045-0	K19542.1
3090 343-9	K17992.0
3090 344-7	K17992.1
3090 345-4	K19941.0
3090 346-2	K19941.1
3091 274-5	J1296928
3091 276-0	B2212932
3091 277-8	B4212932
3091 278-6	19 467 19,00 60 6
3091 280-2	K19562.0
3091 281-0	K19562.1
3091 282-8	K19799.0
3091 283-6	K19799.1
3091 284-4	B2096932
3091 452-7	K17992.0
3091 453-5	K17992.1
3091 454-3	K19941.0
3091 455-0	K19941.1
3091 488	K17357.0
3091 581	K19068.0
3091438	K19758.0
3093 259	K19071.0
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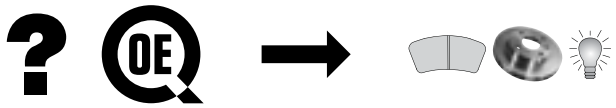
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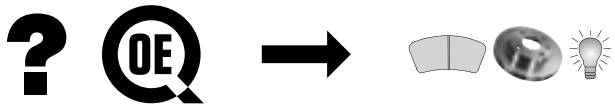
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KAROSA

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LDV

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LEYLAND

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NJK2 785	FCR151A
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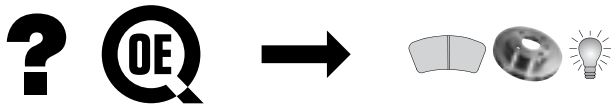
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000 423 66 10	FCV1373BFE
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0005860842	FVR84
001 421 04 10	FCV1277BFE
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002 420 14 20	FCV959
002 420 49 20	FCV1373BFE
002 420 70 20	FCV1373BFE
002 420 78 20	FCV1275BFE
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0024204820	FVR1044
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677 540 07 17	FAI202
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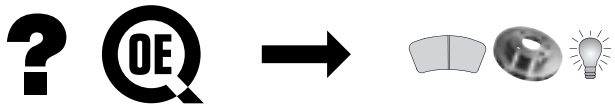
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410609X225	FVR1616
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43206-00QAB	DDF1623
43206-00QAC	DDF1623
43206-00QAD	DDF1623
43206-00QAE	DDF1623
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61003-680	DDF1016
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9111045	DDF1272
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44 08 275	DDF1204
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44 14 633	DDF1623
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4403271	FVR414
4403272	FVR414
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4414021	FVR1515
4414029	FVR1516
4414519	FVR1515
4414520	FVR1516
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4420066	FVR4348
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91 60 398	DDF1067
91109274	FVR833
9110993	FVR1452
9111271	FVR414
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9199262	FVR1516
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93 850 649	DDF1623
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77 01 204 281	DDF160
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7701202713	FVR414
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7701206369	FVR1292
7701206727	FVR1452
7701206763	FVR1453
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7701348682	FVR179
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5001844747	FVR1102

RENAULT TRUCKS

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5000 294 357	FCV769
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5000 297 198	FCV769
5000 297 808	FCV668
5000 450 158	FCR126A
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5000 790 539	FCR129A

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5000 814 345	FCV1940
5000 815 639	FCV668
5000 819 918	FCV1048
5000 821 964	FCV769
5000 821 995	FCV668
5000 823 412	FCV668
5000 823 566	FCV627
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...RENAULT TRUCKS

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5010 422 262	FCR218A
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ROR

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68325166	FCV1578BFE
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SAE

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09291-037	FCV1373BFE
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SAF

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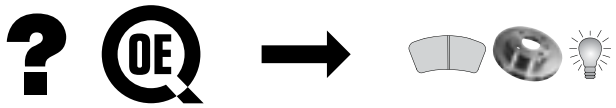
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1 856 108	FCV1373DFE
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SCHMITZ CARGOBULL

	FERODO
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251 407 617 A	DDF057
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2D0 615 301 B	FCR228A
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701 615 301 C	DDF426
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701 615 301 E	DDF562
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7L6 615 601 E	DDF1698
7L6 615 601 G	DDF1698
7M3 615 301	DDF1160
7M3 615 301 A	DDF1559

VAN HOOL	FERODO
110 229 68	FCV1598BFE
351032	FCR155A
80162100	FCR155A
E908472	FCR155A

VAUXHALL	FERODO
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44 032 83	DDF160
44 119 10	DDF1623
44 137 36	DDF1623
45 000 98	DDF1067
91 11 283	DDF160
91 110 45	DDF1272
91 159 915	DDF1204
91 159 916	DDF1623
91 165 426	DDF1204
91 166 212	DDF1623
91 603 98	DDF1067
9111467	FVR1453
9112585	FVR1452
93 161 254	DDF1623
93 850 649	DDF1623
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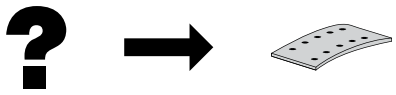
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3 093 919	FCV1813B
309 3532	FCV1387B
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309 5673	FCR305A
3090 048-4	FCV523
309271	FCR248A
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311 8128	FAI116
6 774 686-7	FCR131A
6 779 208-5	FCR130A

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677 5227	FCR142A
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677 9205	FCR130A
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677 9209	FCR306A
677 92093	FCR306A
683 23231	FCR303A
85 10 54 85	FCV1813B
85 50 611	FCV1047B

VW	FERODO
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251 407 617	DDF057
251 407 617 A	DDF057
251 407 617 E	DDF057
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251698151C	FVR517
251698151E	FVR84
251698151F	FVR517
281698151B	FVR129
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2D0698151C	FVR1038
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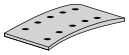
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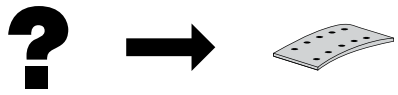
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BC/39/1	K17115.0
BC/51/1	11 084 05,00 60 4
BC/52/1	11 084 05,00 60 4
BC/53/1	17 183 10,00 60 8
BC/54/1	19 102 10,00 60 8
BC/55/1	19 103 10,00 60 8
BC/61/1	19 019 14,00 60 4
BC/77/1	17 340 10,00 60 4
BC/78/1	17 377 18,00 00 8
BC/79/1	K19573.0
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BC/86/1	19 042 17,80 00 8
BC/90/1	K19166.0
BC/91/1	K19166.0
BC/92/1	K19168.0
BC/93/1	K19168.0
BC/97/1	K19094.0
BC/98/1	K19032.0
BC/99/1	19 825 18,00 00 8
BT/56/1	17 747 12,50 60 3
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BT/59/6	K19657.0
BT/76/1	K17829.0
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BW/1/1	11 284 05,00 60 4
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CO/2/1	K19795.0
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DF/17/2	K19256.0
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DF/21/3	K19150.0
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DF/33/1	K19890.0
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DF/35/1	K19900.0
DF/36/1	K19888.0
DF/37/1	K19888.0
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DF/45/1	K19010.0
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DF/47/1	K19052.0
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FI/113/1	K17885.0
FI/120/1	K17924.0
FI/121/1	K17924.0
FI/124/2	K19918.0
FI/137/1	K17895.0
FI/138/1	K17758.0
FI/139/1	K17797.0
FI/141/1	K17660.0
FI/150/1	K19799.0
FI/79/2	K15207.0
FI/86/1	K17481.0
FI/94/1	K17482.0
FI/95/1	K15494.0
FT/11/1	K00620.0
FT/12/1	K00620.0
FT/19/1	K19912.0
FT/20/1	K19912.0
FT/6/1	K00622.0
FT/7/1	K00622.0
FU/17/1	K19862.0
FU/18/1	K19862.0
FU/4/4	K19369.0
FU/5/4	K19369.0
GG/144/1	K17555.0
GG/153/1	K17316.0
GG/163/1	K17662.0
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GG/186/1	K17932.0
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GG/194/1	K17217.0
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GG/208/1	B2345927
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GG/210/1	K17988.0
GG/211/1	K19923.0
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GG/215/1	K00305.0
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GG/217/1	K17017.0
GG/218/1	K19177.0
GG/232/1	K19708.0
GG/232/2	K19708.0
GG/233/1	K17357.0
GG/234/1	K17357.0
GG/235/1	K19758.0
GG/236/1	K19758.0
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IK/2/1	17 746 18,00 60 8
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IL/67/5	K19036.0
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MB/107/1	K15869.0
MB/108/2	K15869.0
MB/109/2	K17927.3
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MB/111/2	K17949.0
MB/112/1	K17949.0
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MB/67/1	17 297 15,00 60 8
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MB/77/1	K19581.0
MB/80/2	K15742.0
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MB/82/1	17 795 18,00 00 6
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MB/96/2	K17927.3
MB/97/2	K17928.0
MB/98/2	K17949.0
MB/99/1	K17949.0
MB/99/2	K17949.0
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MP/30/2	17 238 17,00 00 8
MP/31/2	K19486.9
MP/31/3	19 713 17,00 00 8
MP/32/2	K19487.9
MP/36/2	K19488.9
MP/37/1	K15817.0
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MP/40/1	K17900.0
MQ/3/2	K19783.0
MQ/4/2	K19783.0
PB/10/1	K17742.0
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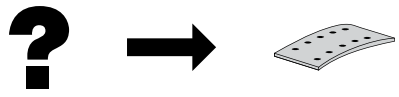
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PB/29/1	19 084 17,50 00 5
PB/30/1	19 084 17,50 00 5
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PB/32/2	K19743.2
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PB/36/1	K19946.0
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PB/38/1	K19114.0
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PB/40/1	K19723.0
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PB/41/2	K19099.0
PB/42/1	K19091.0
PB/42/2	K19091.0
PB/9/1	K17742.0
PD/3/1	K19879.0
PD/4/1	K19879.0
PD/7/1	K19877.0
PD/8/1	K19877.0
RN/100/1	K19934.0
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RN/102/1	K19255.0
RN/103/1	K19255.0
RN/104/1	K19187.0
RW/1/3	K19365.0
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RW/2/3	K19366.0
RW/21/1	K19908.0
RW/22/1	K19908.0
RW/24/1	K19492.0
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RW/37/1	K19109.9
RW/38/1	K19116.9
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SA/31/1	K19620.0
SA/36/2	K19760.0
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SJ/23/1	K19515.0
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SJ/25/1	19 517 15,70 00 6
SJ/26/1	K19892.0
SJ/27/1	K19892.0
SJ/28/1	K19283.0
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SJ/30/1	K19477.0
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SJ/34/1	19 490 20,60 00 6
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SV/26/1	K17161.0
SV/27/1	K19393.0
SV/34/1	K19647.0
SV/39/2	K17991.0
SV/40/2	K19931.0
SV/41/2	K19932.0
SV/42/2	K19933.0
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VL/72/1	19 467 19,00 60 6
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VL/74/1	K19560.0
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VL/76/2	K19562.0
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VL/81/2	K19799.0
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VL/83/1	K19885.0
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1524725380	K15247.2
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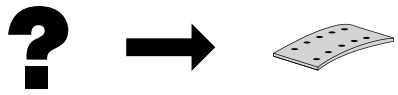
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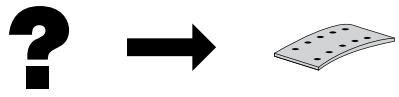
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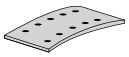
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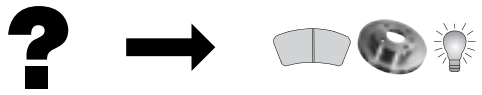
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13 057 117	K13532.1
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...WABCO PERROT	FERODO
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13 157 003	17 269 12,00 60 3
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13 157 007	17 269 12,00 60 3
13 157 008	17 269 12,00 60 3
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13 157 064	19 019 14,00 60 4
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13 157 148	11 284 05,00 60 4
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13 157 234	17 248 12,00 60 4
13 157 254	17 269 12,00 60 3
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13 157 312	11 284 05,00 60 4
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13 157 767	K15742.0
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ABS	FERODO
36102	FVR833
36124	FVR829
36124	FVR886
36131	FVR179
36490	FVR239
36504	FVR836
36570	FVR414
36575	FVR517
36578	FVR450
36590	FVR516
36665	FVR501
36690	FVR941
36775	FVR1338
36775	FVR700
36785	FVR1339
36785	FVR701
36828	FVR941
36840	FVR713
36841	FVR543
36841	FVR656
36842	FVR709
36876	FVR970
36901	FVR1038
36983	FVR1132
36986	FVR1163
37009	FVR1044
37095	FVR1304
37104	FVR1305
37111	FVR1292
37124	FVR1306
37143	FVR1518
37144	FVR1492
37207	FVR791
37240	FVR1497
37256	FVR1461
37288	FVR1516
37289	FVR1453
37290	FVR1452
37413	FVR1644
37416	FVR1642
360251	FVR84
363411	FVR805
365901	FVR492

ACDelco	FERODO
AC423581D	FVR833
AC423981D	FVR839
AC424481D	FVR239
AC426181D	FVR239
AC427781D	FVR517
AC429081D	FVR179
AC443081D	FVR829
AC458581D	FVR941
AC463481D	FVR84
AC463781D	FVR785
AC467883D	FVR129
AC476381D	FVR722
AC483781D	FVR700
AC484881D	FVR852
AC486481D	FVR701
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AC495081D	FVR492
AC495181D	FVR501
AC495381D	FVR516
AC498181D	FVR377
AC498381D	FVR450
AC499081D	FVR836

...ACDelco	FERODO
AC499681D	FVR414
AC583781D	FVR1338
AC586481D	FVR701
AC601181D	FVR1381
AC601981D	FVR1163
AC602081D	FVR1492
AC602181D	FVR1519
AC625381D	FVR970
AC627481D	FVR1039
AC628281D	FVR655
AC632681D	FVR511
AC646881D	FVR1132
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AC658881D	FVR713
AC664281D	FVR792
AC677381D	FVR1292
AC677681D	FVR1131
AC679781D	FVR1306
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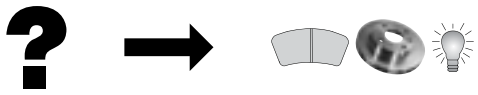
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DSK2751	FCR261A
DSK544	FCR116A
DSK720	FCR117A
DSK912	FCR104A
DSK959	FCR140A
DSK961	FCR139A
KIT120	FAI106
PAD1015	FCV879
PAD1030	FCV688
PAD1042	FVR1292
PAD105	FCV769
PAD1055	FCV769
PAD1074	FVR1304
PAD1077	FVR1305
PAD1089	FVR1516
PAD1104	FVR1306
PAD1105	FVR1338
PAD1106	FVR1339
PAD1146	FVR1492
PAD1155	FVR1519
PAD1167	FVR1381
PAD1182	FVR1518
PAD1183	FVR1461
PAD1184	FVR1497
PAD1197	FVR1453
PAD1202	FVR1452
PAD1204	FVR1452
PAD1240	FVR1515
PAD126	FVR84
PAD1277	FVR1405
PAD1279	FVR1516
PAD1292	FVR1315
PAD1300	FVR1616
PAD1323	FVR1484
PAD1336	FVR1642

...APEC	FERODO
PAD1337	FVR1643
PAD1352	FVR1644
PAD1401	FVR1493
PAD1436	FVR1494
PAD1475	FVR1928
PAD1476	FVR1929
PAD1541	FVR1791
PAD1542	FVR4156
PAD1571	FVR4053
PAD1597	FVR4036
PAD1632	FVR1879
PAD1645	FVR4039
PAD1781	FVR4349
PAD289	FVR414
PAD314	FVR179
PAD322	FVR239
PAD347	FVR129
PAD420	FVR239
PAD489	FVR414
PAD491	FVR377
PAD497	FVR450
PAD512	FVR805
PAD517	FVR492
PAD518	FVR517
PAD519	FVR511
PAD523	FVR516
PAD563	FCV523
PAD563	FCV733
PAD60	FVR833
PAD61	FVR829
PAD61	FVR886
PAD65	FVR836
PAD658	FCV879
PAD658	FVR501
PAD677	FVR791
PAD686	FCV376
PAD69	FVR836
PAD724	FVR785
PAD728	FVR700
PAD729	FVR701
PAD735	FVR543
PAD740	FVR1353
PAD740	FVR655
PAD76	FVR839
PAD766	FVR722
PAD79	FVR656
PAD824	FCV702
PAD838	FVR792
PAD848	FVR970
PAD850	FCV770
PAD851	FCV773
PAD884	FVR852
PAD905	FVR1132
PAD910	FVR1131
PAD918	FVR1039
PAD921	FVR1038
PAD932	FVR516
PAD936	FVR1044
PAD938	FVR1338
PAD954	FVR1163
PAD955	FCV523
PAD963	FCV879
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ASHIKA	FERODO
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60-01-110	FCR261A

ATE	FERODO
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422196	FCR191A
428202	FCR312A
428203	FCR310A
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13046028732	FVR1132
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13046039602	FVR700
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BALCO	FERODO
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BP2109	FVR829
BP450	FVR450
BP458	FVR836
BP463	FVR414
BP549	FVR700
BP554	FVR701

BENDIX	FERODO
333144B	FCR116A
338749B	FCR104A
561135B	FCR116A
561360B	FCR104A
562086B	FCR228A
562156B	FCR230A
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571379B	FVR839
571380B	FVR517
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...BENDIX	FERODO
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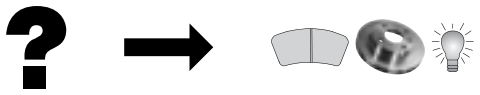
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2901723004034224	FCV376
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2906722004034754	FCV733
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2908826004045684	FCV4283
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2930221904017204	FCV523
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2978418004017204	FVR239
2983521704040274	FVR1522
2983522004017204	FVR501

BLUEPRINT-ADL	FERODO
ADG04245	FVR1452
ADG04246	FVR1292
ADG04247	FVR1453
ADN142118	FVR1616
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ADZ94224	FVR1515

BOSCH	FERODO
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0 986 478 649	FCR104A
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0986424044	FVR543
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0986424113	FVR836
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0986424145	FVR511
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0986424229	FVR1044
0986424375	FVR1132
0986424402	FVR1163
0986424463	FVR1039
0986424476	FVR1304
0986424480	FVR1292
0986424492	FVR1339
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0986424516	FVR1306



...BOSCH	FERODO
0986424531	FVR1515
0986424537	FVR1484
0986424537	FVR1518
0986424567	FVR829
0986424567	FVR886
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0986424657	FVR1461
0986424662	FVR1516
0986424672	FVR1519
0986424673	FVR1492
0986424675	FVR1453
0986424691	FVR1381
0986424750	FVR1405
0986424777	FVR1497
0986424832	FVR1879
0986424833	FVR1315
0986460002	FVR1305
0986460111	FVR84
0986460932	FVR805
0986460941	FVR785
0986460946	FVR414
0986460947	FVR941
0986460954	FVR1131
0986460954	FVR722
0986460962	FVR1339
0986460962	FVR701
0986460963	FVR1338
0986460963	FVR700
0986461753	FVR970
0986462803	FVR129
0986463641	FVR833
0986464421	FVR414
0986464881	FVR179
0986467590	FVR839
0986467841	FVR239
0986468350	FVR1522
0986468350	FVR501
0986469790	FVR517
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0986494040	FVR1516
0986494081	FVR1493
0986494082	FVR1494
0986494107	FVR1642
0986494108	FVR1644
0986494121	FVR1778
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BRADI	FERODO
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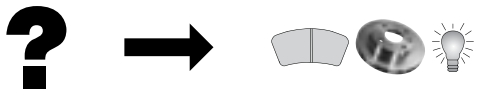
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953210	FCR130A
953220	FCR131A
953230	FCR112A
953360	FCR104A
955048	FCR101A

...BRAKE ENGINEERING	FERODO
955159	FCR117A
955200	FCR101A
955234	FCR100A
955410	FCR105A
955410	FCR157A
955411	FCR157A
955422	FCR108A
955449	FCR106A
955449	FCR232A
955462	FCR126A
955463	FCR128A
955464	FCR107A
955466	FCR132A
955470	FCR138A
955471	FCR135A
955472	FCR136A
955473	FCR149A
955474	FCR109A
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955497	FCR128A
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955739	FCR140A
955772	FCR113A
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955776	FCR147A
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955778	FCR146A
955779	FCR161A
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955784	FCR120A
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955797	FCR168A
955798	FCR170A
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956057	FCR183A
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PA1099	FVR1039
PA1152	FVR1131
PA1153	FVR1132
PA1163	FVR1163
PA1173	FVR1292
PA1183	FVR1306
PA1193	FVR1338
PA1194	FVR1339
PA1213	FVR941
PA1255	FVR1315
PA1262	FVR1381
PA1264	FCV523
PA1264	FCV733
PA1265	FCV770
PA1266	FCV879
PA1277	FVR1353
PA1301	FVR1452
PA1302	FVR1453
PA1304	FVR1461
PA1312	FVR1315
PA1313	FVR1350
PA1314	FVR1351
PA1315	FVR1405
PA1433	FVR1516
PA221	FVR829
PA223	FVR833
PA233	FVR84
PA267	FVR129
PA308	FVR179
PA316	FVR839
PA371	FVR836
PA419	FVR239
PA428	FVR543
PA435	FVR450
PA445	FVR377
PA447	FVR414
PA478	FVR517
PA497	FVR805
PA507	FVR511
PA510	FVR516
PA705	FVR700
PA706	FVR701
PA728	FVR656
PA863	FVR785
PA867	FVR722
PA918	FVR655
PA935	FVR713
PA968	FVR852
PA998	FVR941

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09.8067.10	FCR170A
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09.8368.10	FCR203A
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09.8573.10	FCR189A



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CAR	FERODO
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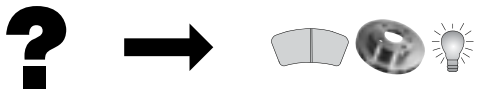
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BG3752	FCR194A
BG4032	FCR310A
BG4033	FCR311A
BG4101	FCR317A
BG4171	FCR140A
BG429	FCR104A
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LP1019	FVR1132
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LP1039	FCV1373BFE
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LP1044	FVR1039
LP1046	FVR1879
LP1047	FCV1047B
LP1047	FCV760B
LP1092	FVR1163
LP1096	FVR792
LP1098	FVR792

...DELPHI	FERODO
LP1105	FVR792
LP1138	FVR1102
LP117	FVR129
LP1206	FVR1131
LP1406	FVR1292
LP1417	FVR1338
LP1417	FVR1381
LP1418	FVR1339
LP1425	FVR1304
LP1437	FVR1306
LP1455	FVR1516
LP1471	FVR1305
LP1529	FVR1484
LP1535	FVR1492
LP1542	FVR1519
LP1582	FVR1381
LP1583	FVR1461
LP1595	FVR1039
LP1616	FVR1102
LP1695	FVR1515
LP1707	FVR1518
LP1745	FVR1516
LP1746	FVR1452
LP1747	FVR1452
LP1747	FVR1453
LP1775	FVR1353
LP180	FVR239
LP1801	FVR1497
LP1802	FVR1315
LP1826	FVR1405
LP1848	FVR1616
LP1913	FVR1642
LP1953	FVR1929
LP1954	FVR1928
LP197	FVR179
LP213	FVR839
LP41	FVR829
LP41	FVR886
LP413	FVR836
LP45	FVR833
LP468	FVR239
LP472	FVR656
LP480	FVR543
LP488	FVR450
LP501	FVR377
LP504	FVR414
LP517	FVR517
LP543	FVR543
LP548	FVR517
LP568	FVR805
LP580	FVR511
LP583	FVR492
LP584	FVR516
LP61	FVR84
LP651	FVR84
LP660	FCV376
LP661	FCV523
LP662	FVR501
LP667	FVR1044
LP668	FVR785
LP697	FVR239
LP698	FVR239
LP735	FVR752
LP735	FVR941
LP766	FVR700
LP767	FVR701
LP785	FVR1131
LP785	FVR722

...DELPHI	FERODO
LP8040	FVR852
LP828	FCV627
LP833	FVR709
LP857	FCV503
LP858	FCV879
LP859	FCV733
LP860	FCV620
LP861	FCV668
LP863	FVR655
LP863	FVR713
LP903	FVR492
LP918	FVR970
LP970	FVR655
LP970	FVR713
LP980	FVR1038
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DON	FERODO
CVD500	FCR122A
CVD501	FCR112A
CVD502	FCR119A
CVD504	FCR118A
CVD505	FCR102A
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CVD507	FCR108A
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CVD575	FCR203A
CVD617	FCR285A
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CVD641	FCR330A
CVD642	FCR272A
CVD666	FCR331A
CVP001	FCV523

...DON	FERODO
CVP002	FVR501
CVP003	FCV376
CVP005	FCV503
CVP006	FCV668
CVP007	FCV620
CVP008	FCV702
CVP009	FCV769
CVP010	FCV801
CVP011	FCV624
CVP012	FCV1940
CVP013	FCV1579BFE
CVP013	FCV1585BFE
CVP013	FCV760B
CVP014	FCV770
CVP015	FCV773
CVP016	FCV879
CVP017	FVR852
CVP018	FCV1086B
CVP018	FCV1583B
CVP018	FCV1584B
CVP019	FCV733
CVP020	FCV1328BFE
CVP020	FCV1373BFE
CVP020	FCV1598BFE
CVP021	FCV987
CVP022	FCV1042
CVP023	FCV1047B
CVP023K	FCV1047B
CVP024	FCV1857BFE
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CVP027	FCV503
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CVP031	FCV1046
CVP031	FCV1126
CVP032	FCV1279
CVP034	FCV987
CVP035	FCV1277BFE
CVP036	FCV1275BFE
CVP036	FCV1329BFE
CVP037	FCV1388B
CVP039	FCV1387B
CVP040	FVR886
CVP041	FVR833
CVP042	FVR129
CVP044	FVR516
CVP045	FVR179
CVP048	FVR836
CVP049	FVR239
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CVP052	FVR450
CVP056	FVR805
CVP057	FVR492
CVP060	FVR239
CVP060	FVR709
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CVP062	FVR700
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CVP071	FVR1039
CVP074	FVR792
CVP075	FCV627
CVP075	FVR791
CVP081	FCV1821B
CVP082	FCV1329BFE
CVP083	FCV1914FE



...DON	FERODO
CVP084	FVR501
CVP085	FVR1522
CVP088	FCV1404BFE
CVP088	FCV1653BFE
CVP088	FCV1656BFE
CVP090	FCV1389
CVP090	FCV4043
CVP092	FCV1677B
CVP093	FCV1678B
CVP094	FCV1657B
CVP096K	FCV1828
CVP100K	FCV4377B
CVP106K	FCV4254
CVP338	FCV594
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DT	FERODO
362060	FCR272A
463995	FCR323A

EFI	FERODO
EDB1042	FCV1042
EDB1046	FCV1046
EDB1047	FCV1047B
EDB1086	FCV1086B
EDB1102	FVR1102
EDB1126	FCV1126
EDB1159	FCV1159B
EDB1275	FCV1275BFE
EDB1275/1	FCV1275BFE
EDB1277	FCV1277BFE
EDB1279	FCV1279
EDB1279	FCV1354
EDB1279/1	FCV1279
EDB1279/1	FCV1354
EDB1314	FCV1914FE
EDB1328	FCV1328BFE
EDB1329	FCV1329BFE
EDB1329/1	FCV1329BFE
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EDB1351	FVR1351
EDB1405	FVR1405
EDB239	FVR239
EDB376	FCV376
EDB492	FVR492
EDB501	FVR1522
EDB501	FVR501
EDB503	FCV503
EDB516	FVR516
EDB523	FCV523
EDB594	FCV594
EDB620	FCV620
EDB624	FCV624
EDB627	FCV627
EDB628	FCV624
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EDB753	FCV1940
EDB760	FCV1578BFE
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EDB769	FCV769
EDB770	FCV770
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...EFI	FERODO
EDB791	FVR791
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EDB801	FCV801
EDB808	FCV801
EDB852	FVR852
EDB879	FCV879
EDB941	FVR752
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EFC131	FCV1677B
EFC132	FCV1657B
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EFC136	FCV4311B
EFC162	FCV958
EFC162	FCV959

EUROTECH	FERODO
1906438	FCR173A
1906461	FCR173A
7179778	FCR173A
7182305	FCR173A

FEBI BILSTEIN	FERODO
10322	FCV1328BFE
16637	FVR1928
24496	FAI132
27224	FCR272A
27698	FCR310A
27699	FCR311A
27700	FCR312A
29167	FCR323A

FIRST LINE	FERODO
FBD005	FCR104A
FBD197	FCR116A

FTE	FERODO
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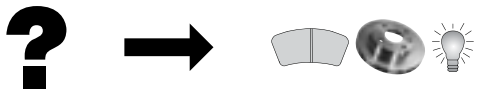
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DF29241	FCR104A
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DF29572	FCR195A
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HALDEX	FERODO
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85653	FCV1367B
89683	FCV1367B
89724	FCV1367B
89765	FCV1367B
91216	FCV1367B
93442	FCV1815BFE
945291620	FCV1366
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81164	FCV1901B
89658	FCV1367B
89660	FCV1367B
89795	FCV1367B
89796	FCV1815BFE
92008	FCV1367B
92009	FCV1367B
92010	FCV1367B
93200	FCV1814BFE
93441	FCV1814BFE
93887	FCV1814BFE
94608	FCV1815BFE

HERMANN PETERS	FERODO
016.273-00	FCR221A
016.295-00	FCR145A
016.650-00	FCR162A
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016.667-00	FCR191A
016.672-00	FCR323A
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026.651-00	FCR106A
026.658-00	FCR132A
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036.104-00	FCR144A
036.109-00	FCR146A
036.112-00	FCR148A
036.117-00	FCR147A
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2159	FVR84
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2442	FVR414
2515	FVR450
2531	FVR805
2538	FVR517
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7612	FVR1616
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141794	FVR1930
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140405	FVR239
140452	FVR752
140503	FVR836
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140730	FVR511
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140891	FVR713
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140895	FVR722



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141104	FVR1038
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141208	FVR1102
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141442	FVR1452
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141499203	FVR1791
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141787	FVR1780
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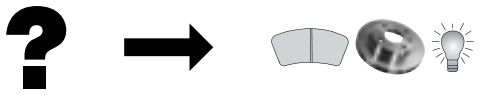
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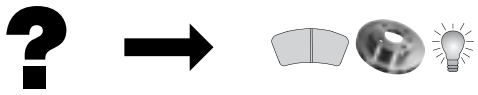
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9018	FCV523
9020	FCV594
9021	FCV620
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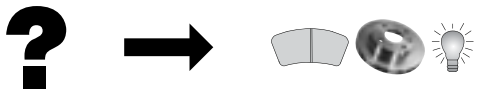
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363700201125	FVR1044
363700201168	FVR1304
363700201169	FVR1305
363700201170	FVR1306
363700201179	FVR1484
363700201196	FVR1518
363700201246	FVR1453
363700201310	FVR1452
363700201382	FVR1493
363700201390	FVR1516
363700201424	FVR1515
363700201432	FVR1642
363700201457	FVR1643
363700201469	FVR1644
363700201640	FVR1928

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363700201641	FVR1929
363700201642	FVR1930
363700201755	FVR1642
363700201758	FVR1647
363700201824	FVR1876
363700201826	FVR1039
363700204116	FVR84
363700204141	FVR129
363700205012	FVR517
363700205048	FVR785
363700205072	FVR970
363700205115	FVR1131
363700205129	FVR1492
363700205137	FVR1132
363700205140	FVR1519
363700209000	FVR414
363700209075	FVR1292
363700209098	FVR1381
363700209099	FVR1338
363700209100	FVR1339
363700209107	FVR1461

MERITOR	FERODO
MBR1577	FCR116A
MBR1588	FCR118A
MBR1589	FCR119A
MBR1761	FCR108A
MBR1762	FCR112A
MBR1763	FCR104A
MBR1831	FCR122A
MBR1832	FCR101A
MBR2648	FCR105A
MBR2648	FCR157A
MBR2648	FCR233A
MBR2649	FCR106A
MBR2649	FCR232A
MBR2693	FCR126A
MBR2694	FCR128A
MBR2695	FCR100A
MBR2711	FCR132A
MBR2711	FCR251A
MBR5000	FCR107A
MBR5001	FCR111A
MBR5002	FCR110A
MBR5003	FCR113A
MBR5004	FCR127A
MBR5005	FCR134A
MBR5006	FCR102A
MBR5009	FCR133A
MBR5010	FCR143A
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MBR5014	FCR147A
MBR5015	FCR120A
MBR5016	FCR145A
MBR5017	FCR228A
MBR5018	FCR230A
MBR5019	FCR229A
MBR5021	FCR131A
MBR5025	FCR170A
MBR5026	FCR155A
MBR5029	FCR130A
MBR5030	FCR306A
MBR5031	FCR142A
MBR5034	FCR181A

...MERITOR	FERODO
MBR5036	FCR161A
MBR5037	FCR162A
MBR5038	FCR164A
MBR5039	FCR163A
MBR5040	FCR165A
MBR5043	FCR117A
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MBR5045	FCR202A
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MBR5099	FCR252A
MBR5101	FCR245A
MBR5103	FCR256A
MBR5105	FCR222A
MBR5107	FCR185A
MBR5108	FCR192A
MBR5109	FCR174A
MBR5112	FCR219A
MBR5115	FCR220A
MBR5116	FCR238A
MBR5117	FCR218A
MBR5118	FCR286A
MBR5119	FCR242A
MBR5122	FCR285A
MBR5124	FCR250A
MBR9001	FCR305A
MBR9004	FCR250A
MBR9005	FCR290A
MCK1369	FAI179
MDP1042	FCV1042
MDP1042X	FCV1042
MDP1046	FCV1046
MDP1047	FCV1047B
MDP104X	FCV1126
MDP106X	FCV1279
MDP107X	FCV1277BFE
MDP1126	FCV1126
MDP124	FCV961

FERODO



...MERITOR	FERODO
MDP1277	FCV1277BFE
MDP1314	FCV1857BFE
MDP1329	FCV1329BFE
MDP1367	FCV1367B
MDP1367X	FCV1367B
MDP1373	FCV1373BFE
MDP1387	FCV1387B
MDP1388	FCV1388B
MDP1404	FCV1404BFE
MDP1406	FCV4043
MDP1677	FCV1677B
MDP1678	FCV1678B
MDP1789	FCV1825B
MDP239	FVR239
MDP239X	FVR239
MDP376X	FCV376
MDP492	FVR492
MDP492X	FVR492
MDP5000	FCV1579BFE
MDP5001	FCV1584B
MDP5004	FCV879
MDP5005	FCV733
MDP5008	FCV769
MDP501	FVR501
MDP5016	FCV769
MDP5017	FCV760B
MDP501X	FVR501
MDP5021	FCV879
MDP5027	FCV769
MDP503	FCV503
MDP5030	FCV702
MDP5031	FCV1762BFE
MDP5032	FCV1763B
MDP5034	FCV1763B
MDP5038	FCV1578BFE
MDP5039	FCV1583B
MDP503X	FCV503
MDP5040	FVR1522
MDP5050	FCV1585BFE
MDP5051	FCV1585BFE
MDP5053	FCV1387B
MDP5054	FCV1579BFE
MDP5055	FCV1584B
MDP5056	FCV1653BFE
MDP5057	FCV1388B
MDP5059	FCV1404BFE
MDP5060	FCV1404BFE
MDP5061	FCV1813B
MDP5065	FCV1579BFE
MDP5066	FCV1584B
MDP5073	FCV1653BFE
MDP5076	FCV1857BFE
MDP5083	FCV1821B
MDP5089	FCV1387B
MDP5093	FCV1624B
MDP5097	FCV1656BFE
MDP5119	FCV4115BFE
MDP5119	FCV4378BFE
MDP5122	FCV4311B
MDP516	FVR516
MDP516X	FVR516
MDP523	FCV523
MDP5429	FCV523
MDP5481	FVR501
MDP5761	FCV702
MDP5762	FCV769
MDP5842	FCV879
MDP594	FCV594

...MERITOR	FERODO
MDP594X	FCV594
MDP620X	FCV620
MDP624	FCV624
MDP624X	FCV624
MDP627	FCV627
MDP627X	FCV627
MDP668	FCV668
MDP668X	FCV668
MDP702	FCV702
MDP702X	FCV702
MDP709X	FVR709
MDP733	FCV733
MDP753	FCV1940
MDP753X	FCV1940
MDP760	FCV760B
MDP769	FCV769
MDP770	FCV770
MDP770X	FCV770
MDP773	FCV773
MDP773X	FCV773
MDP791X	FVR791
MDP801	FCV801
MDP852X	FVR852
MDP879	FCV879
MDP9000	FCV1373BFE
MDP9001	FCV1328BFE
MDP9002	FCV1275BFE
MDP9003	FCV1329BFE
MDP9004	FCV1914FE
MDP9005	FCV1598BFE
MDP952	FCV952
MDP987	FCV987
MDP987X	FCV987

METELLI	FERODO
2200112	FVR129
2200140	FVR239
2200142	FVR516
2200143	FVR709
2200147	FVR1351
2200160	FVR829
2200161	FVR543
2200162	FVR656
2200164	FVR839
2200510	FVR511
2200511	FVR377
2200512	FVR655
2200550	FVR941
2200560	FVR450
2200780	FVR84
2200891	FVR805
2200980	FVR414
2201110	FVR792
2201111	FVR791
2201390	FVR713
2201630	FVR722
2201631	FVR1131
2201632	FVR1492
2201640	FVR970
2201641	FVR1519
2201860	FVR179
2201940	FVR700
2201941	FVR1338
2201950	FVR701
2201951	FVR1339
2202120	FVR1102
2202123	FVR1315

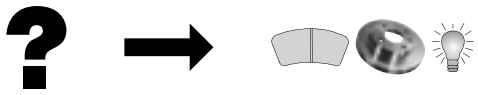
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2202640	FVR1292
2202670	FVR1522
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2203200	FVR1381
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2205740	FVR1305
2205780	FVR1390
2206040	FVR1405
2206350	FVR1516
2206360	FVR517
2206710	FVR1778
2206720	FVR1780
2206730	FVR1777
2206740	FVR1779
2206780	FVR833
2206790	FVR1929
2206800	FVR1928
2206810	FVR1930
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23-0241	FCR104A
23-0477	FCR140A
23-0481	FCR139A
23-0570	FCR194A
23-0572	FCR195A
23-0645	FCR191A

MEYLE	FERODO
0252448617W	FVR1930

MGA	FERODO
58	FVR84
102	FVR833
103	FVR543
118	FVR179
121	FVR129
132	FVR239
155	FVR805
177	FVR839
214	FVR414
216	FVR377
217	FVR450
249	FVR1044
268	FVR511
268	FVR655
269	FVR492
269	FVR516
270	FVR709
284	FVR785
311	FVR517
344	FVR791
349	FVR1338
349	FVR700

...MGA	FERODO
350	FVR1339
350	FVR701
364	FVR970
368	FVR1038
371	FVR1131
371	FVR722
411	FVR1039
430	FVR1292
448	FVR1163
451	FVR1876
457	FVR1132
518	FVR1304
519	FVR1305
520	FVR1306
521	FVR1518
523	FVR1381
588	FVR1492
599	FVR1519
603	FVR1516
615	FVR1102
626	FVR1484
646	FVR1461
658	FVR1452
664	FVR1453
665	FVR1515
668	FVR1497
739	FVR1643
740	FVR1644
748	FVR1493
754	FVR1494
763	FVR1315
764	FVR1405

MINTEX	FERODO
CVP022	FCV1042
CVP037	FCV1388B
MDB1005	FVR84
MDB1109	FVR129
MDB1131	FVR239
MDB1143	FVR179
MDB1245	FVR239
MDB1245	FVR492
MDB1307	FVR377
MDB1333	FVR414
MDB1340	FVR492
MDB1341	FVR450
MDB1362	FVR517
MDB1367	FVR516
MDB1367	FVR709
MDB1458	FCV627
MDB1470	FVR752
MDB1471	FVR791
MDB1490	FCV627
MDB1490	FVR791
MDB1524	FVR377
MDB1524	FVR511
MDB1537	FVR970
MDB1558	FVR700
MDB1559	FVR701
MDB1561	FVR713
MDB1563	FVR722
MDB1585	FVR239
MDB1644	FVR655
MDB1649	FVR941
MDB1682	FVR785
MDB1699	FVR543
MDB1721	FCV627



...MINTEX	FERODO
MDB1721	FVR791
MDB1728	FVR511
MDB1729	FVR792
MDB1730	FVR516
MDB1730	FVR709
MDB1737	FVR1039
MDB1738	FVR1876
MDB1739	FVR1038
MDB1744	FVR1132
MDB1814	FVR1163
MDB1822	FVR722
MDB1855	FVR1044
MDB1952	FVR1132
MDB1954	FVR1484
MDB1967	FVR1304
MDB1993	FVR1292
MDB1993	FVR1306
MDB1997	FVR1306
MDB2000	FVR1338
MDB2001	FVR1339
MDB2002	FVR1305
MDB2026	FVR1102
MDB2056	FVR1353
MDB2061	FVR1381
MDB2078	FVR1461
MDB2095	FVR1492
MDB2104	FVR1518
MDB2126	FVR1497
MDB2177	FVR1519
MDB2235	FVR752
MDB2258	FVR1516
MDB2269	FVR1453
MDB2282	FVR1405
MDB2282	FVR4140
MDB2571	FVR1315
MDB2571	FVR1390
MDB2593	FVR1616
MDB2603	FVR1350
MDB2603	FVR852
MDB2640	FVR1351
MDB2664	FVR1643
MDB2678	FVR1493
MDB2795	FVR1879
MDB2802	FVR1780
MDB2803	FVR1778
MDB2805	FVR1779
MDB2851	FVR1928
MDB2852	FVR1929
MDB2853	FVR1930
MDB2908	FVR4037
MDB2918	FVR4054
MDB3013	FVR1876
MDB3016	FVR1039
MDB3061	FVR1102
MDB3061	FVR4156
MDB3093	FVR4347
MDB3107	FVR1928
MDC1037	FCR228A
MDC1079	FCR191A
MDC1771	FCR310A
MDC1772	FCR311A
MDC1773	FCR312A
MGB443	FVR805
MLB40	FVR833
MLB41	FVR829
MLB41	FVR886
MLB69	FVR836
MLB76	FVR839

...MINTEX	FERODO
MLB79	FVR656
MLB85	FVR656
MWI0229	FWI311
MWI0266	FWI293

MOTAQUIP	FERODO
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13046029722	FVR785
13046029732	FVR722
13046029822	FVR970
13046039442	FVR450
13046039452	FVR752
13046039592	FVR701
13046039602	FVR700
13046049532	FVR377
13046049542	FVR511
13046057012	FVR129
VBD452	FCR104A
VXL1121	FVR1453
VXL1122	FVR1515
VXL1132	FVR1516
VXL320	FVR1292
VXL355	FVR829
VXL470	FVR1132
VXL521	FVR1306
VXL553	FVR1304

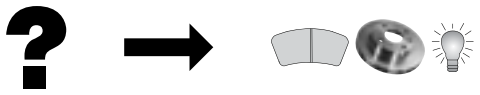
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EBD2031	FVR886
EBD2049	FVR701
EBD2069	FVR700
EBD2070	FVR701
EBD3069	FVR700
EBD3070	FVR701
EBD3340	FVR450
EBD3341	FVR833
EBD3342	FVR829
EBD3342	FVR886

NATIONAL AUTO PARTS	FERODO
NBD073	FCR116A
NBD218	FCR104A
NBD361	FCR117A
NBD863	FCR139A
NBD864	FCR140A

NK	FERODO
202345	FCR140A
202347	FCR194A
202356	FCR314A
202357	FCR317A
203344	FCR191A
2047122	FCR311A
2047123	FCR310A
2047124	FCR312A
223364	FVR1777

PAGID	FERODO
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50940	FCR140A
52104	FCR116A
52110	FCR221A
52134	FCR117A
52169	FCR191A
54046	FCR194A
54047	FCR195A
54315	FCR228A
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54376	FCR229A
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59174	FCR183A
59175	FCR182A
59176	FCR184A
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...PAGID	FERODO
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59276	FCR239A
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52838	FCR127A
58101	FCR144A
58250	FCR145A
58841	FCR134A
58922	FCR105A
58924	FCR106A
58925	FCR110A
58926	FCR111A
58931	FCR132A
C1002	FCV594
C1004	FCV1328BFE
C1004	FCV1373BFE
C1006	FCV1275BFE
C1006	FCV1329BFE
C1008	FCV1277BFE
C1014	FCV1275BFE
C1020	FCV1914FE
C2002	FCV1940
C2004	FVR501
C2006	FCV879
C2010	FCV760B
C2014	FCV1126
C2016	FCV1047B
C2018	FCV733
C2040	FCV1388B
C2042	FCV1653BFE
C2046	FCV1387B
C3002	FVR791
C3004	FVR792
C3008	FCV773
C3010	FCV770
C3012	FVR792
C3016	FVR1780
C4000	FVR516
C4012	FVR709
C4030	FVR1102
C4033	FCV1279
C4048	FCV1389
C4056	FCV1389
C4060	FCV1373BFE
C4064	FVR4140
C4068	FVR1879
C4070	FVR1390
C4072	FCV1828
C5600	FVR655
C6022	FCV1614
C6024	FVR1778
C6026	FVR1777
C6027	FVR1779
C6029	FVR4037
C9002	FCV668
C9005	FVR4156
P8011	FAI102
P8027	FWI246
P8074	FWI311
P8500	FAI200
P8501	FAI201
P8502	FAI202
P8503	FAI203
P8504	FAI110
P8505	FAI105



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P8506	FAI108
P8507	FAI111
P8512	FAI100
P8514	FAI103
P8515	FAI107
P8517	FAI115
P8519	FAI116
P8521	FAI161
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P8549	FAI168
P8550	FAI155
P8554	FAI152
P8556	FAI169
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T0040	FVR511
T0045	FVR709
T0062	FVR543
T0210	FVR805
T0311	FVR239
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T0354	FVR501
T0381	FVR829
T0382	FVR516
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T0389	FVR700
T0390	FVR701
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T0571	FVR833
T0669	FVR414
T0699	FVR179
T1107	FVR1163
T1111	FVR1038
T1142	FVR1039
T1170	FVR1306
T1179	FVR1484
T1195	FVR1497
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T1383	FVR1494
T1390	FVR1516
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T1452	FVR1452
T1457	FVR1643
T1469	FVR1644
T1640	FVR1928
T1641	FVR1929
T1642	FVR1930
T1721	FVR4054
T1969	FVR4347
T3018	FVR1791
T4116	FVR84
T4141	FVR129
T5012	FVR517
T5018	FVR377
T5048	FVR785

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T5140	FVR1519
T9000	FVR414
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T9005	FVR941
T9007	FVR239
T9023	FVR713
T9048	FVR852
T9058	FVR1102
T9075	FVR1292
T9098	FVR1381
T9107	FVR1461

PERROT	FERODO
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12182066	FVR239
12182118	FVR852
12999248	FVR709
12 182 023	FCV898
12 182 082	FCV983
12 182 083	FCV898
12 182 087	FCV376
12 182 133	FCV1042
12 182 164	FCV987
12 182 165	FCV987
12 182 176	FCV1366
12 182 184	FCV4283
12 182 192	FCV4043
12 999 235	FCV983
12 999 325VT	FCV376
12 999 482	FCV987
12 999 577	FCV4283
12 999 629VT	FCV987
12 999 631VT	FCV987
12 999 665VT	FCV1042
12 999 667VT	FCV4283
12 999 676VT	FCV1366
12 999 698VT	FCV1354
12 999 703VT	FCV1279
12 999 737VT	FCV4043
12 999 743VT	FCV4283
12 999 747VT	FCV1389
12 999 748VT	FCV1389
12 999 770	FCV1963
12 999 782	FCV4283
12 999 791	FCV1964
12 999 796	FCV1828B
12999165VT	FVR239
12999221VT	FVR239
12999563VT	FVR852
12999646VT	FVR709
12999800	FVR239

PEX	FERODO
7417	FVR1876
7820	FVR1777
7821	FVR1778
7822	FVR1779
7823	FVR1780
WK251	FAI111
WK254	FAI108
WK255	FWI246

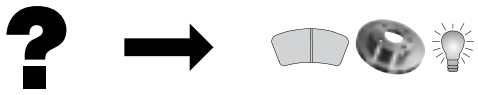
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WK256	FAI107
WK259	FAI100
WK262	FAI106
WK267	FAI110
WK268	FAI203
WK269	FAI105
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WK287	FAI102
WK307	FAI101
WK320	FAI205
WK320	FAI206
WK359	FAI115
WK361	FAI119
WK367	FAI163
WK371	FAI162
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WK394	FAI130
WK395	FAI176
WK412	FAI211
WK413	FAI209
WK441	FAI166
WK444	FAI168
WK448	FAI160
WK561	FWI278
WK581	FWI311
WK582	FWI294
WK614	FWI293
WK632	FWI302

QUINTON HAZELL	FERODO
BDC3305	FCR116A
BDC3513	FCR104A
BDC5121	FCR165A
BDC5124	FCR162A
BDC5235	FCR194A
BDC5235P	FCR194A
BDC5236P	FCR195A
BDC5551P	FCR311A
BDC5552P	FCR310A
BDC5553P	FCR312A
BP163	FVR829
BP163	FVR886
BP170	FVR833
BP203	FVR179
BP278	FVR129
BP291	FVR84
BP294	FVR836
BP295	FVR839
BP357	FVR377
BP371	FVR414
BP406	FVR450
BP492	FVR517
BP503	FVR805
BP594	FVR701
BP595	FVR700

REMSA	FERODO
104501	FVR1643
000220	FVR84
004402	FVR805
004704	FVR492
004730	FVR239

...REMSA	FERODO
004802	FVR792
004812	FVR791
005600	FVR829
005600	FVR886
005604	FVR839
005612	FVR543
005622	FVR656
005810	FVR833
014210	FVR752
014230	FVR941
020202	FVR414
021104	FVR377
021112	FVR511
021122	FVR655
022386	FVR517
0245.00	FCV879
032122	FVR1044
038381	FVR785
038500	FVR722
038510	FVR1131
038511	FVR1492
039102	FVR1338
039202	FVR1339
043502	FVR713
043602	FVR852
043612	FVR1350
048081	FVR970
057800	FVR1038
057900	FVR1039
065181	FVR1315
067700	FVR1292
070100	FVR1304
071700	FVR1305
072102	FVR1484
073300	FVR1306
077282	FVR1381
081900	FVR1452
083602	FVR1497
100900	FWI246
104300	FWI311
480800	FVR1519
6143.10	FCR104A
6299.10	FCR116A
6690.10	FCR139A
6691.10	FCR140A
6783.10	FCR117A

REV (SAMREV)	FERODO
1085FR	FCR200A
1090FR	FCR199A
1162ME	FCR116A
1167ME	FCR119A
1167ME	FCR163A
12013RO	FCR197A
12016RO	FCR223A
12017RO	FCR250A
1254B	FCR210A
1359B	FCR172A
1361B	FCR193A
1366B	FCR193A
1466FO	FCR112A
1604MN	FCR148A
1607MN	FCR161A
1608MN	FCR214A
1610MN	FCR147A
1611MN	FCR146A
1612MN	FCR181A



...REV (SAMREV)	FERODO
1613MN	FCR143A
1614MN	FCR144A
1640MN	FCR215A
1668SAU	FCR204A
1669SAU	FCR202A
1673SAU	FCR203A
1674SAU	FCR201A
1692ME	FCR118A
1692ME	FCR162A
1802ME	FCR145A
18058FT	FCR106A
1805ME	FCR120A
18060FT	FCR132A
18060FT	FCR251A
18063FT	FCR110A
18064FT	FCR111A
18065FT	FCR105A
18065FT	FCR157A
18066FT	FCR107A
18067FT	FCR108A
18070FT	FCR104A
18073FT	FCR139A
18074FT	FCR140A
18075FT	FCR173A
18078FT	FCR179A
18084FT	FCR133A
18087FT	FCR254A
18091FT	FCR239A
18095FT	FCR235A
1809ME	FCR186A
18101FT	FCR195A
18103FT	FCR237A
18104FT	FCR238A
18106FT	FCR109A
1810ME	FCR187A
1811ME	FCR188A
18120FT	FCR194A
18123FT	FCR149A
1814ME	FCR189A
1815ME	FCR190A
1827ME	FCR191A
1835ME	FCR164A
1836ME	FCR165A
1837ME	FCR229A
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1839ME	FCR117A
184RL	FCR182A
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1972LE	FCR101A
1975LE	FCR102A
197RL	FCR169A
198RL	FCR134A
199RL	FCR126A
200RL	FCR127A
201RL	FCR129A
2021BRED	FCR123A
202RL	FCR128A
204RL	FCR174A
205RL	FCR175A
2082KA	FCR113A
2083KA	FCR114A
2831SV	FCR170A
527DA	FCR100A
611DA	FCR257A
8423VO	FCR131A
8427VO	FCR130A
8435VO	FCR142A

...REV (SAMREV)	FERODO
8436VO	FCR306A
956MEU	FCR156A

ROADHOUSE	FERODO
104501	FVR1643
200220	FVR84
204402	FVR805
204704	FVR492
204802	FVR792
204812	FVR791
205600	FVR829
205600	FVR886
205604	FVR839
205612	FVR543
205622	FVR656
205810	FVR833
214210	FVR752
214220	FVR752
214230	FVR941
220202	FVR414
221104	FVR377
221112	FVR511
221122	FVR655
222386	FVR517
232122	FVR1044
238381	FVR785
238500	FVR722
238510	FVR1131
238511	FVR1492
239102	FVR1338
239202	FVR1339
243502	FVR713
243602	FVR852
243612	FVR1350
248081	FVR970
257800	FVR1038
257900	FVR1039
261402	FVR1879
265181	FVR1315
267700	FVR1292
270100	FVR1304
271700	FVR1305
272102	FVR1484
273300	FVR1306
277282	FVR1381
281900	FVR1452
283602	FVR1497
2480800	FVR1519
2245.00	FCV879
2763.00	FCV1853
61034.10	FCR310A
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6143.10	FCR104A
6290.00	FCR104A
6299.10	FCR116A
6420.00	FCR140A
6461.10	FCR228A
6500.00	FCR139A
6565.00	FCR230A
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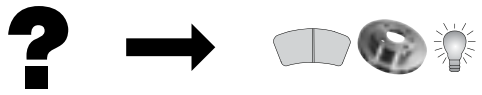
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426181	FVR239
467781	FCV702
468881	FCV760B
471681	FCV733
473781	FCV770
474081	FCV773
477781	FCV987
478881	FCV769
484881	FVR852
494681	FCV594
494781	FCV376
494881	FCV523
495081	FVR492
495181	FVR501
495381	FVR516
634181	FCV879
638281	FCV1047B
674481	FCV503
674881	FCV1086B
675381	FCV1042
676781	FCV668
423981	FVR839
427781	FVR517
429081	FVR179
437881	FVR543
443081	FVR829
458581	FVR941
463481	FVR84
463781	FVR785
467883	FVR129
476381	FVR722
483781	FVR700
486481	FVR701
494981	FVR805
498181	FVR377
498381	FVR450
499681	FVR414
543081	FVR886
625381	FVR970
627281	FVR1038
627481	FVR1039
628281	FVR655
658881	FVR713
675981	FCV1279
758781	FVR791
T9004	FVR791
T9013	FVR792

SAMKO	FERODO
50334	FCR126A
50466BR	FCR104A
50527	FCR113A
50528BR	FCR130A
50529BR	FCR131A
50533BR	FCR118A
50534BR	FCR119A
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50547	FCR175A
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50564BR	FCR139A
50573	FCR107A
50597	FCR170A
50666BR	FCR127A
50674	FCR146A

...SAMKO	FERODO
50675BR	FCR147A
50689	FCR129A
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50775BR	FCR173A
50815BR	FCR132A
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50826	FCR120A
50829BR	FCR172A
50837	FCR142A
50840	FCR140A
50840BR	FCR134A
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50866BR	FCR111A
50867BR	FCR109A
50868BR	FCR105A
50869BR	FCR106A
50870	FCR116A
50874BR	FCR112A
51001BR	FCR101A
51002BR	FCR102A
51004BR	FCR179A
51014BR	FCR133A
51016BR	FCR182A
51017BR	FCR183A
51018BR	FCR184A
51019BR	FCR156A
51020BR	FCR140A
51021BR	FCR194A
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51025BR	FCR123A

STTP	FERODO
96521	FCR185A
151025	FCR284A
151026	FCR283A
151051	FCR288A
202528	FCR253A
222449	FCR305A
222452	FCR289A
222453	FCR290A
839001	FCR285A
843001	FCR294A
843002	FCR293A
948914	FCR306A

TEXTAR	FERODO
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2012401	FVR785
2035908	FVR829
2036404	FVR833
2038002	FVR805
2039202	FVR129
2048802	FVR179
2065302	FVR543
2078401	FVR239
2092602	FVR414
2104801	FVR377
2114103	FVR450
2118801	FVR511
2146901	FVR701
2146902	FVR1339
2147001	FVR1338
2147001	FVR700
2147902	FVR970
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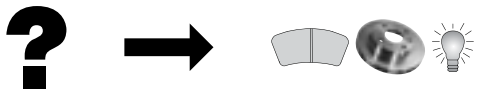


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2157302	FVR941
2157601	FVR1038
2159201	FVR1876
2162102	FVR1039
2163501	FVR1131
2188302	FVR1163
2188501	FVR1518
2190403	FVR1044
2302001	FVR1305
2302101	FVR1306
2302201	FVR1304
2303401	FVR1484
2309903	FVR1515
2317602	FVR1492
2322415	FVR1132
2326903	FVR1497
2330201	FVR1292
2332602	FVR1644
2343401	FVR1461
2343501	FVR1616
2357701	FVR1381
2361301	FVR1452
2366901	FVR1453
2374601	FVR1643
2374602	FVR1642
2398001	FVR1516
2400701	FVR1493
2400801	FVR1494
2448401	FVR1928
2448501	FVR1929
2448601	FVR1930
2904101	FVR655
2915102	FCV1952B
2915301	FVR1879
2916503	FCV1678B
2916702	FCV1677B
2970601	FVR791
92038900	FCR221A
92089800	FCR191A
92116400	FCR206A
92116500	FCR210A
92131500	FCR228A
92137500	FCR230A
92137600	FCR229A
92155700	FCR317A
92155900	FCR314A
93012400	FCR116A
93038700	FCR118A
93038800	FCR119A
93042801	FCR104A
93054600	FCR117A
93058100	FCR114A
93058200	FCR120A
93058800	FCR131A
93067600	FCR113A
93071800	FCR144A
93084100	FCR101A
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93084500	FCR133A
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93084800	FCR105A
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93085100	FCR111A
93085200	FCR132A
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93085800	FCR169A
93085900	FCR126A
93086000	FCR128A
93086100	FCR134A
93086300	FCR127A
93086400	FCR130A
93086500	FCR142A
93086800	FCR168A
93086900	FCR147A
93087100	FCR161A
93087200	FCR214A
93087400	FCR162A
93087500	FCR164A
93087600	FCR163A
93087700	FCR165A
93087900	FCR145A
93088300	FCR170A
93089600	FCR140A
93095100	FCR139A
93095800	FCR193A
93095900	FCR172A
93096100	FCR173A
93101100	FCR179A
93101300	FCR186A
93101400	FCR189A
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93128000	FCR175A
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93138000	FCR330A
93138100	FCR272A
93142400	FCR255A
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93142900	FCR254A
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98018200	FWI246
2001104	FVR84
2039213	FVR129
2090401	FVR836
2097904	FVR517

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2147002	FVR1338
2163501	FVR722
2309902	FVR1515
2344007	FVR1484
2374702	FVR1642
2392103	FVR4054
2436801	FVR1647
2473901	FVR1039
2511201	FVR4348
2514701	FVR4347
2517201	FVR4349
2900102	FVR852
2901105	FCV773
2901201	FVR709
2901302	FCV668
2901602	FCV898
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2903203	FCV770
2903701	FVR713
2903902	FCV702
2904001	FVR516
2904303	FCV769
29044 200 05 T3018	FCV1940
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2905301	FCV1763B
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2907101	FCV627
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29131 302 1 4 T3016	FCV1653BFE
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29142 298 0 4 T3016	FCV1389
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29148 340 2 5	FCV1277BFE
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29151 292 1 4 T3034	FCV1952B
29158 300 1 4 T3060	FCV1657B
29159	FCV4043
29159 298 2 4	FCV4043
2916002	FVR1390
29162 317 1 4 T3060	FCV1828
29165 300 2 4 T3030	FCV1678B
29167 300 1 4 T3030	FCV1677B
29171 300 2 4 T3030	FCV1825B
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29173 292 2 4 T3032	FCV4377B
2917301	FCV4377B
29174 292 2 4 T3032	FCV4378BFE
2917401	FCV4378BFE
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2919001	FVR1780
2919201	FVR1778
2919202	FVR1778
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29202 300 1 4 T3050	FCV1373BFE
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2920801	FVR1761
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93143000	FCR330A
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93186700	FCR323A
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98022300	FAI106
98022400	FAI110
98022500	FAI105
98023500	FAI205
98023600	FAI206
98024100	FAI151
98024200	FAI132
98024300	FAI161
98024300	FAI162
98024400	FAI150
98024800	FAI115
98025000	FAI119

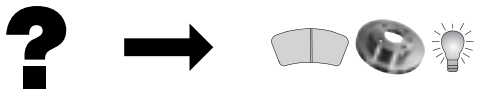
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98027600	FAI163
98028200	FAI169
98028400	FAI176
98028500	FAI155
98028600	FAI168
98028700	FAI111
98028800	FAI171
98028900	FAI172
98031500	FAI126
98031600	FAI152
98031700	FWI278
98031900	FAI117
98032000	FAI132
98032100	FAI208
98032200	FAI207
98032300	FAI130
98032400	FAI164
98033700	FWI294
98033800	FWI311
98036500	FWI293
98040700	FWI303
98040800	FWI305
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98200 0387 0 1	FCR118A
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98200 0851 0 1	FCR111A
98200 0852 0 1	FCR132A
98200 0853 0 1	FCR143A
98200 0854 0 1	FCR146A
98200 0855 0 1	FCR148A
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98200 1430 0 1	FCR330A
98200 1431 01	FCR272A
98200 1432 0 1	FCR310A
98200 1433 0 1	FCR311A
98200 1434 0 1	FCR312A
98200 1456 0 1	FCR225A

TRAXX	FERODO
TRX1239	FVR239
TRX1376	FCV376
TRX1492	FVR492
TRX1501	FVR501
TRX1503	FCV503
TRX1516	FVR516
TRX1523	FCV523
TRX1594	FCV594
TRX1624	FCV624
TRX1668	FCV668
TRX1702	FCV702
TRX1709	FVR709
TRX1733	FCV733

...TRAXX	FERODO
TRX1753	FCV1940
TRX1760	FCV760B
TRX1769	FCV769
TRX1770	FCV770
TRX1773	FCV773
TRX1852	FVR852
TRX1879	FCV879
TRX1952	FCV952
TRX1961	FCV961
TRX1987	FCV987
TRX1988	FCV1328BFE
TRX1988	FCV1373BFE
TRX1988	FCV1598BFE
TRX2042	FCV1042
TRX2046	FCV1046
TRX2047	FCV1047B

TRUSTING	FERODO
0132	FVR129
0160	FVR239
0162	FVR516
0163	FVR709
0167	FVR1351
0180	FVR829
0182	FVR543
0182	FVR656
0184	FVR839
0530	FVR511
0531	FVR377
0570	FVR941
0580	FVR450
0800	FVR84
0911	FVR805
1000	FVR414
1130	FVR792
1131	FVR791
1410	FVR655
1410	FVR713
1411	FVR1353
1660	FVR722
1661	FVR1131
1661	FVR722
1662	FVR1492
1670	FVR970
1671	FVR1519
1930	FVR179
2010	FVR700
2011	FVR1338
2020	FVR701
2021	FVR1339
2210	FVR1102
2213	FVR1315
2213	FVR1405
2219	FVR4156
2710	FVR1879
2720	FVR1163
2721	FVR1484
2721	FVR1518
2730	FVR1292
2760	FVR1522
2760	FVR501
2770	FVR4038
3200	FVR1876
3290	FVR1381
3470	FVR1515
3550	FVR1132
5481	FVR4054



...TRUSTING	FERODO
5520	FVR1461
5521	FVR1616
5610	FVR1452
5620	FVR1453
5670	FVR1497
5680	FVR1642
5681	FVR1643
5700	FVR1644
5700	FVR1647
5870	FVR1039
5880	FVR1306
5900	FVR1305
5943	FVR1390
6200	FVR4140
6510	FVR1516
6520	FVR517
6870	FVR1778
6871	FVR4036
6874	FVR4053
6880	FVR1780
6890	FVR1777
6900	FVR1779
6940	FVR833
6950	FVR1929
6960	FVR1928
6970	FVR1930
7080	FVR836
7270	FVR4037
8661	FVR1350

TRW	FERODO
DF1577	FCR116A
DF1763	FCR104A
DF1763S	FCR104A
DF2648S	FCR105A
DF2787	FCR140A
DF2788S	FCR139A
DF2793	FCR117A
DF4089S	FCR191A
DF4144S	FCR118A
DF4330	FCR183A
DF4822S	FCR310A
DF4823S	FCR311A
DF4919S	FCR312A
GDB1069	FVR791
GDB1069	FVR792
GDB1077	FCV627
GDB1077	FVR792
GDB1080	FVR701
GDB1084	FVR700
GDB1092	FVR970
GDB1092G	FVR970
GDB1103	FVR129
GDB1111	FVR655
GDB1111	FVR713
GDB1114	FVR941
GDB1150	FCV523
GDB1152	FVR511
GDB1220	FVR1038
GDB1248	FVR709
GDB1249	FVR852
GDB1262	FVR1039
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GDB1288	FVR1879
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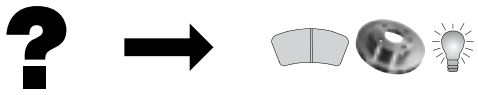
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GDB1380	FVR1292
GDB1391	FVR1518
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GDB1408	FVR1305
GDB1424	FVR1381
GDB1429	FCV523
GDB1442	FVR1452
GDB1459	FVR1484
GDB1460	FVR1497
GDB1461	FVR1461
GDB1470	FVR1453
GDB1479	FVR1516
GDB1534	FVR1315
GDB1535	FVR1405
GDB1535	FVR4140
GDB1555	FVR1642
GDB1556	FVR1643
GDB1557	FVR1644
GDB1572	FVR1338
GDB1573	FVR1339
GDB1600	FVR1493
GDB1601	FVR1494
GDB1609	FVR1102
GDB1610	FVR1390
GDB1671	FVR1647
GDB1694	FVR1791
GDB1695	FVR1522
GDB1696	FVR1777
GDB1697	FVR1780
GDB1698	FVR1778
GDB1699	FVR1779
GDB1723	FVR1929
GDB1724	FVR1928
GDB1725	FVR1930
GDB1748	FVR4037
GDB1780	FVR4039
GDB1885	FVR4349
GDB243	FVR179
GDB317	FVR239
GDB3354	FVR1616
GDB340	FVR833
GDB341	FVR829
GDB341	FVR886
GDB342	FVR839
GDB343	FVR377
GDB3439	FVR4053
GDB344	FVR414
GDB3440	FVR4156
GDB3441	FVR4054
GDB349	FVR450
GDB356	FCV376
GDB389	FVR492
GDB390	FVR516
GDB399	FVR517
GDB407	FVR84
GDB429	FCV523
GDB443	FVR805
GDB453	FCV376
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GDB478	FVR655
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GDB5000	FCV1578BFE
GDB5000	FCV1579BFE
GDB5000	FCV1585BFE
GDB5000	FCV1762BFE

...TRW	FERODO
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GDB5004	FCV879
GDB5004G	FCV879
GDB5005	FCV733
GDB5005G	FCV733
GDB5007	FCV760B
GDB5008	FCV769
GDB5008G	FCV769
GDB5009	FCV760B
GDB5010	FCV760B
GDB5014	FCV760B
GDB5016	FCV769
GDB5016G	FCV769
GDB5017	FCV760B
GDB5019	FCV1047B
GDB5019G	FCV1047B
GDB5020G	FCV733
GDB5021	FCV879
GDB5021G	FCV879
GDB5022	FCV770
GDB5024	FCV773
GDB5050	FVR501
GDB5051	FCV668
GDB5052	FCV1046
GDB5053	FCV376
GDB5054	FCV503
GDB5055	FCV503
GDB5056	FCV523
GDB5057	FCV702
GDB5058	FCV733
GDB5062	FVR852
GDB5063	FVR1350
GDB5066	FCV1940
GDB5067	FCV1328BFE
GDB5067	FCV1373BFE
GDB5067	FCV1373BHD
GDB5067	FCV1598BFE
GDB5068	FCV1126
GDB5069	FCV1354
GDB5073	FCV1277BFE
GDB5076	FCV898
GDB5077	FCV983
GDB5082	FCV1857BFE
GDB5083	FCV1963
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GDB5083	FCV4043
GDB5084	FCV1389
GDB5085	FCV1388B
GDB5085	FCV1962B
GDB5086	FCV1404BFE
GDB5086	FCV1653BFE
GDB5086	FCV1656BFE
GDB5096	FCV4378BFE
GDB5762	FCV769
GDB5842	FCV879
GDB731	FVR791
GDB759	FVR656
GDB760	FVR836
GDB761	FCV702
GDB761G	FCV702
GDB762G	FCV769
GDB779	FVR543
GDB791	FVR722
GDB827	FVR791
GDB842	FCV1126
GDB842G	FCV879
GDB862	FVR785

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GDB950	FVR752
GIC162	FWI246
GIC199	FAI115
GIC203	FWI294
GIC211	FWI278
GIC223	FWI293
GIC253	FWI311
GIC5024	FAI168

TTC	FERODO
60849	FCV523
60851	FCV376
60853	FVR501
60854	FCV668
60855	FCV773
60856	FVR492
60858	FCV702
60955	FCV733
61156	FCV770
61157	FCV987
61158	FCV769
61159	FVR516
61167	FCV879
61169	FVR239
61170	FCV1373BFE
61170	FCV1598BFE
61176	FCV1329BFE
61177	FCV1367B
61178	FCV1328BFE

UNIPART	FERODO
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GBP1102AF	FVR1132
GBP1113AF	FVR1163
GBP1150AF	FVR655
GBP1153AF	FVR1039
GBP1162AF	FVR1338
GBP1163AF	FVR1339
GBP1209AF	FVR1381
GBP1213AF	FVR656
GBP1236AF	FVR1292
GBP1250AF	FVR543
GBP1258AF	FVR1306
GBP1281AF	FVR1484
GBP1301AF	FVR1132
GBP1396AF	FVR1102
GBP1404AF	FVR1461
GBP1429AF	FVR1519
GBP1436AF	FVR1518
GBP1570AF	FVR941
GBP242AF	FVR833
GBP267	FVR886
GBP267AF	FVR829
GBP272	FVR836
GBP506AF	FVR84
GBP619	FVR179
GBP627	FVR829
GBP627	FVR886
GBP663AF	FVR656
GBP687AF	FVR450
GBP726AF	FVR129
GBP747AF	FVR414
GBP763AF	FVR700
GBP764AF	FVR701
GBP804AF	FVR517



...UNIPART	FERODO
GBP834AF	FVR839
GBP862AF	FVR713
GBP873AF	FVR492
GBP874AF	FVR1351
GBP946AF	FVR239
GBP948AF	FVR970
GBP949AF	FVR722
GBP950AF	FVR785
GBP956AF	FVR805

VALEO	FERODO
140834	FCV627
187154	FCR314A
187155	FCR317A
540130	FCV1940
540142	FCV801
541604	FCV702
541605	FCV769
541607	FCV624
541609	FCV594
541611	FCV627
541614	FCV503
541615	FCV1940
541616	FCV770
541617	FCV773
541620	FCV733
541621	FCV879
541642	FCV760B
541653	FCV773
186178	FCR221A
186179	FCR116A
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187000	FCR101A
187001	FCR100A
187002	FCR112A
187003	FCR105A
187004	FCR106A
187005	FCR107A
187006	FCR108A
187007	FCR110A
187008	FCR111A
187009	FCR132A
187010	FCR109A
187013	FCR113A
187014	FCR143A
187015	FCR144A
187016	FCR118A
187017	FCR119A
187019	FCR169A
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187040	FCR140A
187044	FCR174A
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187051	FCR145A

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187069	FCR173A
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197030	FCR311A
197033	FCR230A
197059	FCR191A
540101	FVR805
540124	FCV668
540407	FVR450
540409	FVR501
540412	FVR517
540418	FVR179
540421	FVR414
540435	FVR511
540436	FVR709
540437	FVR543
540441	FVR752
540545	FVR839
540546	FVR377
540557	FVR700
540558	FVR701
540562	FVR785
540563	FVR722
540731	FVR516
540792	FVR1038
540793	FVR1039
540805	FVR1044
540842	FVR1292
540854	FVR1292
540881	FVR1044
540885	FVR1038
541600	FCV668
541612	FCV733
541622	FCV879
541641	FVR852
541643	FCV376
541644	FCV1047B
541645	FCV1373BFE
541647	FCV1046
541648	FCV769
541649	FCV760B
541650	FCV760B
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541654	FCV879
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541656	FCV733
541657	FCV770
541658	FCV773
541659	FCV1277BFE
541662	FVR1102

...VALEO	FERODO
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541665	FCV1279
541668	FCV1047B
541675	FCV1329BFE
541677	FCV1914FE
541679	FCV1373BFE
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541700	FCV1653BFE
541703	FCV1388B
541713	FCV760B
541720	FCV1825B
541728	FVR1780
541734	FVR4036
541735	FVR4037
541736	FVR1930
551021	FVR239
551026	FVR791
551032	FVR377
551427	FVR84
551474	FVR829
551623	FVR829
551624	FVR833
551713	FVR656
551749	FVR970
551763	FVR941
551793	FVR1044
597074	FVR656
597075	FVR543
597092	FVR785
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597487	FVR1515
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598025	FVR785
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598032	FVR450
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598037	FVR701
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598045	FVR1039
598045	FVR1039
598046	FVR1876
598046	FVR1876
598048	FVR722
598062	FVR1044
598086	FVR414
598129	FVR839
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598300	FVR1306
598301	FVR1305
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598369	FVR709
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598490	FVR1292
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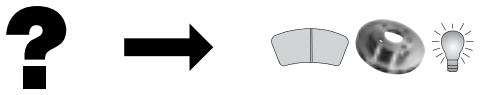
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598596	FVR511
598613	FVR239
598622	FVR970
598651	FVR1642
598671	FVR1644
598675	FVR1163
598676	FVR1518
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598807	FVR1492
598814	FVR1519
598816	FVR1928
598818	FVR1929
598858	FVR1484
598876	FVR1779
598881	FVR1777
598882	FVR1778
598946	FVR1647
598966	FVR1879

VECO	FERODO
VA059	FVR84
VA099	FVR833
VA115	FVR129
VA123	FVR829
VA123	FVR886
VA152	FVR179
VA251	FVR839
VA270	FVR836
VA290	FVR414
VA316	FVR543
VA316	FVR656
VA325	FVR377
VA335	FVR450
VA346	FVR414
VA363	FVR805
VA394	FVR501
VA403	FVR517
VA437	FVR492
VA438	FVR516
VA512	FVR700
VA513	FVR701
VA514	FVR511
VA591	FVR785
VA592	FVR722
VA600	FCV523
VA601	FCV376
VA602	FCV503
VA603	FCV523
VA632	FCV620
VA677	FVR970

WAGNER	FERODO
SX826	FCV1853

WINNARD	FERODO
B01001	FCR168A
B01001	FCR282A
BP1017	FCR172A

FERODO



...WINNARD	FERODO
BP1021	FCR193A
BP1024	FCR205A
BP1026	FCR206A
BP1030	FCR210A
DA1019	FCR100A
FD1022	FCR112A
IV10016	FCR108A
IV10018	FCR110A
IV10018	FCR237A
IV10019	FCR111A
IV1002	FCR104A
IV10021	FCR133A
IV10027	FCR132A
IV10030	FCR149A
IV10039	FCR139A
IV10040	FCR140A
IV10042	FCR136A
IV10044	FCR135A
IV10045	FCR173A
IV10050	FCR179A
IV1006	FCR105A
IV1006	FCR157A
IV1009	FCR106A
IV1017	FCR107A
KA1003	FCR113A
KA1006	FCR114A
LE1092	FCR102A
LE1093	FCR101A
LE1124	FCR151A
MAN1003	FCR143A
MAN1005	FCR144A
MAN1006	FCR146A
MAN1015	FCR147A
MAN1017	FCR148A
MAN1019	FCR181A
MAN1020	FCR215A
MAN1021	FCR161A
MAN1027	FCR272A
MCW1007	FCR122A
MNE1027	FCR118A
MNE1028	FCR119A
MNE1041	FCR116A
MNE1057	FCR117A
MNE1062	FCR229A
MNE1063	FCR120A
MNE1065	FCR145A
MNE1067	FCR162A
MNE1068	FCR164A
MNE1069	FCR163A
MNE1070	FCR165A
MNE1075	FCR186A
MNE1076	FCR187A
MNE1077	FCR189A
MNE1078	FCR190A
MNE1079	FCR191A
MNE1080	FCR208A
MNE1081	FCR209A
MNE1082	FCR188A
MNE1088	FCR230A
MNE1090	FCR228A
MNE112	FCR323A
RN1013	FCR126A
RN1013	FCR128A
RN1019	FCR134A
RN1028	FCR169A
RN1031	FCR174A
RN1032	FCR175A
RN1034	FCR185A
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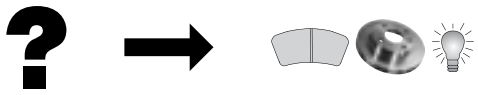
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RN1036	FCR219A
RN1037	FCR220A
RN1038	FCR242A
RN1039	FCR243A
RN1041	FCR244A
RN1042	FCR245A
RO1017	FCR197A
RO1019	FCR248A
SAU1018	FCR204A
SC1023	FCR170A
SMB1001	FCR200A
SMB1002	FCR199A
VO1028	FCR130A
VO1029	FCR131A
VO1036	FCR142A
VO1060	FCR192A
VO1066	FCR303A
WL073	FAI178
WP1042	FCV1042
WP1047	FCV1047B
WP1102	FVR1102
WP1126	FCV1126
WP1277	FCV1277BFE
WP1279	FCV1354
WP131	FCV1677B
WP1313	FCV1914FE
WP1314	FCV1857BFE
WP1315	FVR1315
WP132	FCV1657B
WP1328	FCV1328BFE
WP1329	FCV1329BFE
WP133	FCV1678B
WP1350	FVR1350
WP1351	FVR1351
WP1366	FCV1366
WP1387	FCV1387B
WP1388	FCV1388B
WP1389	FCV1389
WP1390	FVR1390
WP140	FCV1624B
WP1404	FCV1404BFE
WP1404	FCV1653BFE
WP1404	FCV1656BFE
WP1405	FVR1405
WP239	FVR239
WP376	FCV376
WP492	FVR492
WP501	FVR501
WP516	FVR516
WP523	FCV523
WP594	FCV594
WP627	FCV627
WP668	FCV668
WP702	FCV702
WP709	FVR709
WP733	FCV733
WP760	FCV1578BFE
WP760	FCV1579BFE
WP760	FCV1585BFE
WP760	FCV760B
WP769	FCV769
WP770	FCV770
WP773	FCV773
WP791	FVR791
WP852	FVR852
WP879	FCV879
WP987	FCV987
WP988	FCV1373BFE

WVA	FERODO
29151	FCV1952B
29181	FCV1815BFE
29207	FCV1815BFE
29011	FCV773
29013	FCV668
29016	FCV898
29017	FCV376
29018	FCV983
29024	FCV503
29029	FCV952
29030	FCV1578B
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29030	FCV1585B
29030	FCV1762B
29032	FCV770
29039	FCV702
29043	FCV769
29044	FCV1940
29044	FCV753
29053	FCV1583B
29053	FCV1584B
29053	FCV1763B
29055	FCV987
29061	FCV1328BFE
29061	FCV1598BFE
29063	FCV460
29064	FCV964
29065	FCV879
29066	FCV1053
29067	FCV733
29071	FCV627
29072	FCV624
29075	FCV801
29077	FCV1042
29083	FCV760B
29084	FCV1086B
29088	FCV1279
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29090	FCV1813B
29094	FCV1275BFE
29094	FCV1329BFE
29097	FCV1046
29099	FCV1159
29099	FCV1159B
29100	FCV1136
29105	FCV1313
29115	FCV1277BFE
29118	FCV1161
29120	FCV1901B
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29143	FCV1367B
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29155	FCV1857BFE
29156	FCV1404BFE
29156	FCV1653BFE

...WVA	FERODO
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29165	FCV1678B
29167	FCV1677B
29169	FCV1624B
29171	FCV1825B
29173	FCV1856B
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29179	FCV1598BFE
29179	FCV4374BFE
29180	FCV4352B
29183	FCV1277BFE
29186	FCV1614
29196	FCV1914FE
29197	FCV1275BFE
29197	FCV1329BFE
29197	FCV1792BFE
29203	FCV1856B
29203	FCV4377B
29210	FCV1578BFE
29210	FCV1579BFE
29210	FCV1585BFE
29210	FCV1762BFE
29218	FCV1989BFE
29218	FCV4378BFE
29219	FCV1855BFE
29219	FCV4115BFE
29219	FCV4378BFE
29244	FCV4418PTS
29246	FCV4417PTS
29253	FCV4296PTS
29258	FCV1853
29302	FCV523
29626	FCV962
29688	FCV961
29747	FCV594
29764	FCV958
29765	FCV959

ZEN	FERODO
D232	FCR282A

ZIMMERMANN	FERODO
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160.6002.00	FCR193A
160.6003.00	FCR205A
160.6004.00	FCR206A
160.6007.00	FCR210A
190.6151.00	FCR100A
190.6152.00	FCR101A
190.6154.00	FCR151A
230.2355.00	FCR104A
230.6231.00	FCR108A
230.6232.00	FCR107A
230.6233.00	FCR133A
230.6234.00	FCR105A
230.6235.00	FCR106A
230.6236.00	FCR110A
230.6237.00	FCR111A
230.6238.00	FCR132A
230.6239.00	FCR139A
230.6240.00	FCR140A
230.6241.00	FCR135A
230.6242.00	FCR136A



...ZIMMERMANN	FERODO
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230.6244.00	FCR179A
230.6245.00	FCR173A
230.6247.00	FCR123A
230.6249.00	FCR157A
230.6253.00	FCR251A
230.6264.00	FCR254A
250.1324.00	FCR112A
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295.6304.00	FCR114A
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360.6382.00	FCR143A
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360.6386.00	FCR147A
360.6387.00	FCR161A
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400.1445.00	FCR163A
400.1446.00	FCR164A
400.1447.00	FCR165A
400.3605.00	FCR191A
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400.6455.00	FCR120A
400.6457.00	FCR145A
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400.6460.00	FCR187A
400.6461.00	FCR188A
400.6462.00	FCR189A
400.6463.00	FCR190A
400.6464.00	FCR208A
400.6465.00	FCR209A
400.6467.00	FCR198A
400.6481.00	FCR323A
401.6580.00	FCR197A
410.6501.00	FCR168A
410.6504.00	FCR155A
470.6601.00	FCR126A
470.6602.00	FCR128A
470.6604 00	FCR169A
470.6605.00	FCR134A
470.6606.00	FCR175A
470.6607.00	FCR174A
470.6608.00	FCR127A
470.6609.00	FCR129A
470.6610.00	FCR185A
470.6612.00	FCR219A
470.6613.00	FCR220A
490.6651.00	FCR201A
490.6652.00	FCR202A
490.6653.00	FCR203A
490.6654.00	FCR204A
510.6731.00	FCR170A
520.6701.00	FCR200A
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610.1184.00	FCR131A
610.6851.00	FCR142A
610.6853.00	FCR192A

Notes







FEDERAL-MOGUL PNEUMATIC BENCH RIVETING MACHINE

NORM-NIETEN - RIVETS STANDARDS - RIBATTINI STANDARD

Art. Nr. / Ref.-No.99503



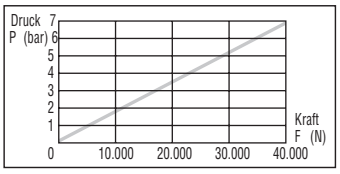
Compact Design, with practical tool holder and with foot pedal control, damped working stroke gives smooth riveting force. It can be mounted on any workbench by four bolts.

TECHNICAL DATA:

Max. air pressure_____7 bar
Max. riveting force_____40.000 N
Bore of press piston_____30 mm
Bore of plunger_____Ø 12,7 mm (1/2")
Depth of riveting anvil_____Ø 20 mm
Height of machine_____795 mm
Width of machine_____250 mm
Depth of machine_____620 mm
Packaging:_____920 x 695 x 360 mm
net_____83 kg
gross_____100 kg

PRESSURE TABLE

The air pressure settings needed for de-riveting and riveting are show on the diagram plate on the machine itself. Set the pressure reducing valve to this setting.



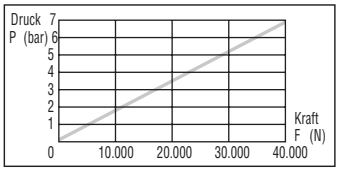
Machine compacte, avec porte-outil pratique et pédale de commande, rivetage en douceur en raison d'une course amortie, montable sur chaque établi avec quatre vis seulement.

CARACTÉRISTIQUES TECHNIQUES:

Pression max de service_____7 bar
Force max de rivetage_____40.000 N
Course du piston_____30 mm
Porte-enclume
du poinçon_____Ø 12,7 mm (1/2")
Porte-enclume de rivetage___Ø 20 mm
Hauteur de la machine_____795 mm
Largeur de la machine_____250 mm
Profondeur de la machine_____620 mm
Emballage:_____920 x 695 x 360 mm
Poids net_____83 kg
Poids brut_____100 kg

TABLEAU DES PRESSIONS DE TRAVAIL

La pression indispensable au rivetage et dérivetage figure sur le diagramme de la machine et est réglée au moyen de la valve de réduction.



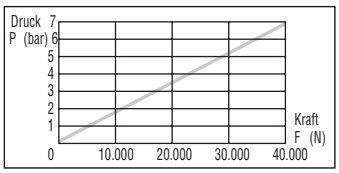
Linea compatta con pratico porta-utensili e valvola a pedale a sede piana, chiodatura mediante corsa operativa smorzata, fissabile su qualsiasi banco di lavoro mediante sole quattro viti.

DATI TECNICI:

Pressione operativa massima_____7 bar
Forza di chiodatura massima__40.000 N
Corsa pistone ribaditore_____30 mm
Allogiamento utensile
di chiodatura_____Ø 12,7 mm (1/2")
Sede per incudine
di chiodatura_____Ø 20 mm
Altezza macchina_____795 mm
Larghezza macchina_____250 mm
Profondità macchina_____620 mm
Imballaggio:_____920 x 695 x 360 mm
Peso netto_____83 kg
Peso lordo_____100 kg

DIAGRAMMA DELLE PRESSIONI OPERATIVE

La targhetta con diagramma applicata sulla macchina indica la pressione operativa necessaria per la chiodatura e schiodatura. Questa pressione viene impostata mediante la valvola riduttrice.



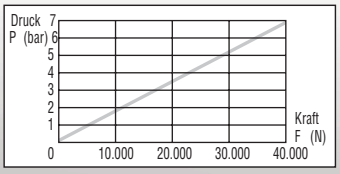
In kompakter Bauweise, mit praktischer Werkzeughalterung und Fußventil, weiches Nieten durch gedämpften Arbeitshub, mit nur vier Schrauben auf jeder Werkbank zu montieren.

TECHNISCHE DATEN:

Max. Betriebsdruck_____7 bar
Nietkraft_____40.000 N
Werkzeughub_____30 mm
Werkzeughalter
Schaft-Ø_____12,7 mm (1/2")
Nietamboßaufnahme_____Ø 20 mm
Maschinenhöhe_____795 mm
Breite_____250 mm
Tiefe incl. Stellrad_____620 mm
Verpackung:_____920 x 695 x 360 mm
Gewicht ca._____netto 83 kg
_____brutto 100 kg

ARBEITSDRUCKTABELLE

Der zum Ab- und Aufnieten erforderliche Arbeitsdruck ist auf dem Diagrammschild an der Maschine ablesbar und wird am Reduzierventil eingestellt.



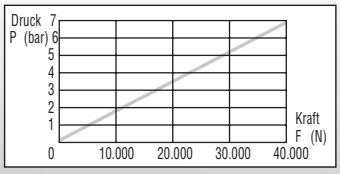
Diseño compacto con un práctico soporte para la herramienta y control del pedal, la carrera de trabajo amortiguada proporciona una fuerza de remachado suave. Se puede montar en cualquier mesa de trabajo con cuatro pernos.

DATOS TÉCNICOS:

Presión neumática máxima_____7 bar
Fuerza de remache máxima__40.000 N
Diámetro del pistón de presión_30 mm
Diámetro del émbolo_Ø 12,7 mm (1/2")
Profundidad del diámetro
del yunque de remache_____Ø 20 mm
Altura de la máquina_____795 mm
Anchura de la máquina_____250 mm
Profundidad de la máquina____620 mm
Embalaje:_____920 x 695 x 360 mm
neto_____83 kg
bruto_____100 kg

TABLA DE PRESIONES

Los ajustes en la presión de aire necesarios para el remachado y de-remachado se muestran en la placa adjunta a la máquina. Ajuste la presión a la válvula de reducción bajo estas indicaciones.



MÁQUINA PNEUMÁTICA DE BANCADA PARA REBITAGEM - PNEUMATISCHE KLINKMACHINE - ПНЕВМАТИЧЕСКАЯ ЗАКЛЕПОЧНАЯ МАШИНА - STANOWISKOWA NITOWNICA PNEUMATYCZNA

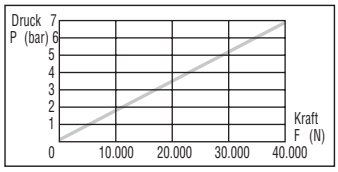
Desenho compacto, com suporte prático para ferramentas e com pedal de controle, amortecimento da força de rebitagem. Pode ser montado em qualquer bancada com quatro parafusos de fixação.

DADOS TÉCNICOS:

Pressão máx. de ar_____7 bares
Força máx. de rebitagem_____40.000N
Curso do pistão_____30mm
Furo do pino de pressão__Ø 12,7mm (1/2")
Profundidade da bigorna
de rebitagem_____Ø 20mm
Altura da máquina_____795mm
Largura da máquina_____250mm
Profundidade da máquina_____620mm
Embalagem:_____920 x 695 x 360 mm
Peso neto_____83Kg
Peso bruto_____100Kg

TABELA DE PRESSÕES

As configurações de pressão de ar necessária para a extração e rebitagem são mostradas num diagrama colocado na própria máquina. Definir a pressão da válvula de redução de acordo com a configuração.



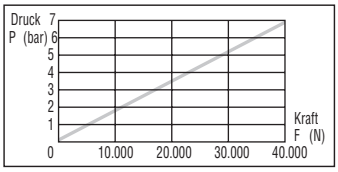
Compacte machine, met praktische houder voor gereedschap en met pedaalbediening. Geleidelijke klinkkracht door gedempte arbeidsslag. Kan op elke werkbank worden bevestigd met 4 bouten.

TECHNISCHE GEGEVENS:

Max. Luchtdruk_____7 bar
Max. Klinkkracht_____40.000 N
Boring zuiger_____30 mm
Boring klinkplunjer___Ø 12,7 mm (1/2")
Aambeeld_____Ø 20 mm
Hoogte_____795 mm
Breedte_____250 mm
Diepte_____620 mm
Verpakking:_____920 x 695 x 360 mm
Gewicht netto_____83 kg
Gewicht bruto_____100 kg

TABEL MET WERKDRUKKEN

De luchtdruk benodigd voor het verwijderen en aanbrengen van klinknagels kunt u aflezen van het diagram op de machine. Afstellen verloopt via het verstellen van het reduceerventiel.



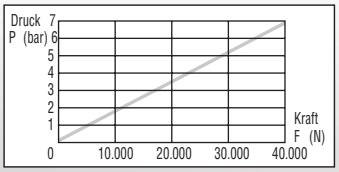
Компактное исполнение, удобное крепление инструмента, управление ножной педалью, плавная клепка благодаря специальной конструкции. Может устанавливаться на любой верстак путем крепления четырьмя болтами.

ТЕХНИЧЕСКИЕ ДАННЫЕ:

Максимальное давление воздуха___7 бар
Максимальное клепальное
усилие_____40.000 Н
Диаметр поршня пресса_____30 мм
Диаметр плунжера_____Ø 12,7 мм (1/2")
Зажим клепального
инструмента_____20 мм
Высота машины_____795 мм
Ширина машины_____250 мм
Глубина машины_____620 мм
Размер упаковки:___920 x 695 x 360 мм
Нетто_____83 кг
Брутто_____100 кг

ТАБЛИЦА ДАВЛЕНИЯ

Необходимые для наклепки и расклепки параметры давления воздуха указаны на табличке-диаграмме, расположенной непосредственно на машине. Давление устанавливается с помощью клапана-регулятора давления.



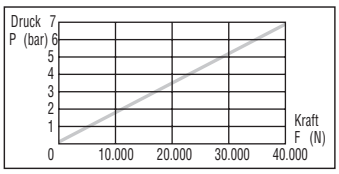
Kompaktowa konstrukcja, z praktycznym uchwytem do narzędzi i z kontrolą przy pomocy pedału. Tłumienie roboczego skoku umożliwia wytworzenie płynnej siły nitującej. Urządzenie może być zamontowane na każdym miejscu roboczym przy pomocy czterech śrub.

DANE TECHNICZNE:

Maks. ciśnienie powietrza_____7 barów
Maks. siła nitowania_____40 000 N
Średnica tłoka_____30 mm
Średnica narzędzia___Ø 12,7 mm (1/2")
Głębokość kowadła
nitującego_____Ø 20 mm
Wysokość urządzenia_____795 mm
Szerokość urządzenia_____250 mm
Głębokość urządzenia_____620 mm
Wymiary opakowania
_____920 x 695 x 360 mm
Waga netto_____83 kg
Waga całkowita_____100 kg

TABELA CIŚNIEŃ

Ciśnienia powietrza konieczne do przeprowadzenia usuwania nitów i nitowania są podane na płytce przytwierdzonej do maszyny. Zawór regulacyjny ciśnienia należy ustawić zgodnie z podanymi wartościami.



Werkzeuge einzeln:	Ø mm	Best.-Nr./Ref.-No.
Entnieter Deriveter Dériveteuse Chiodatrice Extração Klinknagel verwijderaar Инструмент для удаления заклепок Narzędzie do usuwania nitów	5 6 8 10	99 583 05,00 90 99 583 06,00 90 99 583 08,00 90 99 583 10,00 90
Nieterstempel Riveter Riveteuse Chiodatrice Rebitagem Klinkgereedschap Клепальный инструмент Narzędzie do nitowania	5 6 8 10	99 583 05,00 91 99 583 06,00 91 99 583 08,00 91 99 583 10,00 91
Nietamboß Rivet anvil Enclume de rivet Incudine chiodi Bigorna de rebitagem Klinkaambeeld Клепальная наковальня Kowadło do nitowania	5 6 8 10	99 583 05,00 92 99 583 06,00 92 99 583 08,00 92 99 583 10,00 92
Entnietamboß Derivet anvil Enclume de dérivetage Incudine per schiodare Bigorna de extração Aambeeld nagels verwijderen Наковальня для удаления заклепок Kowadło do usuwania nitów	1 Stück	99 583 00,00 93
Kompletter satz Complete set Jogo completo Volledige set Полный комплект Zestaw kompletny		99 583 00,00 9999 00 5





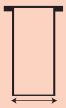
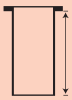
STANDARD RIVETS

NORM-NIETEN - RIVETS STANDARDS - RIBATTINI STANDARD - REMACHES ESTÁNDAR

	Typ Type Tipo Tipo	Best.- No Ref. - No. No. ordin. Ref. –No	Schaft- Ø Shank Dia Ø tige Ø stelo Mm	Länge Length Longueur Lunghezza Mm	Kopf - Ø Head Dia. Ø téte Ø testa Mm	Winkel Angle Angle Angolo
German Type Steel tubular rivets to DIN 7338 C The first figure indicates the shank diameter, the second figure the shank length in mm. **Deutsche Norm** Stahlrohrnieten nach DIN 7338 C Die erste Ziffer kennzeichnet den Schaftdurchmesser, die zweite die Schaftlänge in mm. **Norme allemande** Rivets tubulaires en acier suivant norme allemande DIN 7338 C Le premier chiffre indique le diamètre, le deuxiéme la longueur de la tige en mm. **Norma tedesca** Ribattini tubolari acciaio DIN 7338 C La prima cifra indica il diametro e la seconda la lunghezza dello stelo in mm. **Tipo alemán** Remaches de acero cilíndricos de norma DIN7338C La primera cifra indica el diámetro de la caña, y la segunda la longitud en mm.	4 x 8 4 x 10 5 x 10 6 x 10 6 x 12 6 x 15 10 x 17 10 x 18 10 x 20	93020 93021 93038 93047 93048 93049 93074 93067 93068	4 4 5 6 6 6 10 10 10	8 10 10 10 12 15 17 18 20	7.5 7.5 9.5 11.5 11.5 11.5 18.5 18.5 18.5	180° 180° 180° 180° 180° 180° 180° 180° 180°
Steel semi-tubular rivets, galvanized to DIN 7338 B Stahlhalbhohlnieten, verzinkt entspr. DIN 7338 B Rivets semi-tubulaires en acier suivant norme allemande DIN 7338 B Ribattini semitobulari di acciaco DIN 7338 B Remaches de acero semi-tubulares, galvanizados de norma DIN 7338 B	5 x 12 5 x 15 8 x 15 8 x 18	93234 93235 93251 93252	5 5 8 8	12 15 15 18	9.5 9.5 15.5 15.5	180° 180° 180° 180°
Stepped tubular rivets, galvanized steel Hohlstufennieten aus Stahl, verzinkt Rivets creux étagés en acier galvanisé Ribattini tubolari a gradino di acciaio zincato Remaches tubulares escalonados de acero galvanizado	8 x 12 8 x 15 8 x 18 8 x 20	93057 93058 93059 93060	8 8 8 8	12 15 18 20	15.5 15.5 15.5 15.5	180° 180° 180° 180°
Special rivets (Steel semi-tubular), galvanized Sondernieten (Stahlhalbhohl), verzinkt Rivets spéciaux (semi-tubulaires), galvanisés Ribattini speciali (semitubolari), zincati Remaches especiales (De acero semi-tubulares), galvanizados	5 x 15 5 x 15 6.65 x 18	93275 93281 93280	5 5 6.65	15 15 18	12 12 12	180° 150° 180°
New British Standard Type 3575 / Steel semi-tubular rivets Neue britische Norm 3575 / Stahlhalbhohlnieten Nouveaux rivets anglais standardisés 3575 / Rivets semi-tubulaires en acier Nuova norma britannica 3575 / Ribattini semitubolari di acciaio Nuevo estándar británico tipo 3575 / remaches de acero semi-tubulares	L 8 L 8.5 L 9 L 10 L 11 L 12	93683 93680 93684 93685 93686 93687	6.35 6.35 6.35 6.35 6.35 6.35	12.7 13.5 14.3 15.9 17.5 19.1	11.90 11.90 11.90 11.90 11.90 11.90	150° 150° 150° 150° 150° 150°

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REBITES NORMAIS - STANDAARD KLINKNAGELS - СТАНДАРТНЫЕ ЗАКЛЕПКИ - NITY STANDARDOWE

	Tipo Type Тип Typ	Ref. nº Onderdeel-nummer Номер детали Nr referencji	 Diâmetro da haste Ø schacht Диаметр заклепки Średnica uchwytu Mm	 Compri-mento Lengte Длина Długość Mm	 Diâmetro da cabeça Ø kop Диаметр шляпки Średnica łba Mm	 Angulo Hoek Угол Kąt
Rebites em aço tubular tipo germânico DIN 7338 C. O primeiro valor indica o diâmetro da haste, o segundo o comprimento da haste em mm. **Duits type** Stalen klinknagels volgens DIN 7338 C Het eerste getal verwijst naar de schachtdiameter, het tweede getal naar de schachtlengte. **Немецкий стандарт.** Стальные трубчатые заклепки DIN 7338 C. Первая цифра обозначает диаметр цилиндрической части заклепки, вторая цифра - длину цилиндрической части в мм. **Typ niemiecki** Stalowy nit rurowy zgodnie z normą DIN 7338 C Pierwsza liczba podaje średnicę uchwytu, druga długość uchwytu w mm.	4 x 8 4 x 10 5 x 10 6 x 10 6 x 12 6 x 15 10 x 17 10 x 18 10 x 20	93020 93021 93038 93047 93048 93049 93074 93067 93068	4 4 5 6 6 6 10 10 10	8 10 10 10 12 15 17 18 20	7.5 7.5 9.5 11.5 11.5 11.5 18.5 18.5 18.5	180° 180° 180° 180° 180° 180° 180° 180° 180°
Rebites em aço semi-tubular, galvanizados DIN 7338 B Stalen, gegalvaniseerde half holle klinknagels volgens DIN 7338 B Стальные полутрубчатые заклепки с гальваническим покрытием DIN 7338 B Stalowy, galwanizowany nit pół-rurowy zgodnie z normą DIN 7338 B	5 x 12 5 x 15 8 x 15 8 x 18	93234 93235 93251 93252	5 5 8 8	12 15 15 18	9.5 9.5 15.5 15.5	180° 180° 180° 180°
Rebites tubulares com degrau em aço galvanizado "Stepped" klinknagels, gegalvaniseerd staal Стальные ступенчатые трубчатые заклепки с гальваническим покрытием Stopniowany, galwanizowany stalowy nit rurowy	8 x 12 8 x 15 8 x 18 8 x 20	93057 93058 93059 93060	8 8 8 8	12 15 18 20	15.5 15.5 15.5 15.5	180° 180° 180° 180°
Rebires especiais (semi-tubulares em aço) galvanizados Speciale klinknagels (Staal, half hol), gegalvaniseerd Заклепки специального типа (стальные полутрубчатые) с гальваническим покрытием Nity specjalne (stalowy pół-rurowy), galwanizowane	5 x 15 5 x 15 6.65 x 18	93275 93281 93280	5 5 6.65	15 15 18	12 12 12	180° 150° 180°
Rebites semi-tubulares com a nova norma britanica tipo 3575 Nieuwe Britse standaard Type 3575 Stalen half holle klinknagels Новый Британский стандарт, тип 3575. Стальные полутрубчатые заклепки Nowe wg British Standard Type 3575 stalowe pół-rurowe nity	L 8 L 8.5 L 9 L 10 L 11 L 12	93683 93680 93684 93685 93686 93687	6.35 6.35 6.35 6.35 6.35 6.35	12.7 13.5 14.3 15.9 17.5 19.1	11.90 11.90 11.90 11.90 11.90 11.90	150° 150° 150° 150° 150° 150°

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