



Mercedes Benz Fersa Solutions

DIFFERENTIAL, GEARBOX, WHEEL END

FERSA is the automotive division specialized in commercial vehicles of Fersa, a globally recognized group headquartered in Europe. As a leading manufacturer, Fersa specializes in producing high-quality bearings, delivering excellence and reliability to the automotive industry worldwide.

Get to know Fersa

- **Global Innovation:** 6 manufacturing plants and 4 R&D centers drive our advanced bearing solutions.
- **OEM Quality:** Our bearings meet stringent quality standards, ensuring reliability and performance.
- **Global Reach:** Sales in over 100 countries, providing high-quality products wherever needed.
- **Cross-Selling:** Extensive product range offers significant opportunities for comprehensive solutions.
- **Rapid Development:** Synergy between PFI and Fersa ensures fast and precise development of new technologies.

We are committed to deliver innovative, efficient, and reliable bearing solutions for the automotive, heavy-duty, wind energy, railway, and agricultural industry sectors.



Our essence

It's not what we do, it's how we do it.

Our commitment includes:

Technical support

Expert assistance to resolve any technical issues.

Academy on the road

Fersa Care - Technical training to mechanics.

Immediate stock availability

Ensuring our products are readily available to meet your needs.

Regional team service

Dedicated customer and engineering support at Brazil, USA, India, and Europe.

In house bearing production

Automatic assembly line - Under installation.

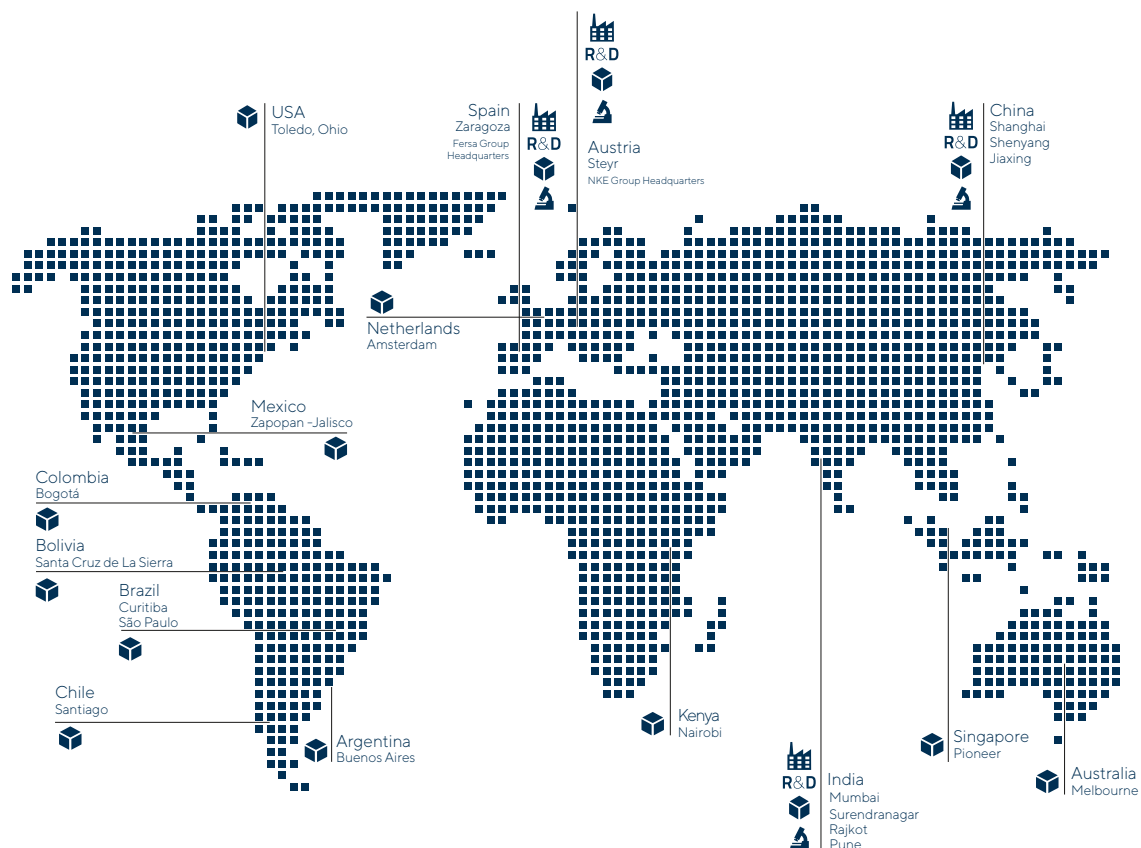
Innovation and reliability

Extensive field testing with technical expertise. Testing facilities, R&D capabilities.

Global presence

In the right place at the right time.

Local presence in more than 100 countries.



Fersa Heavy-Duty

Specialists in bearings and other component solutions for heavy-duty and industrial vehicles. We offer custom solutions for original equipment manufacturers and the best quality and latest technology for the aftermarket.

Fersa bearings are manufactured to OEM specifications; starting with the specifications of the raw material to the heat treatment processes, as well as optimized design features.

Wheel End



Product interchange	OEM Interchange			
FAG 805003A.H195 SKF BTH 0022 / BTH 0055 / VKBA 5412 SNR HDS103 TIMKEN SET 1310	MERCEDES BENZ 014 981 51 05 / 014 981 5105 / 014 981 93 05 / 014 981 9305 / 014 981 99 05 / 014 981 9905 / 016 981 2805 / 017 981 5005 / A0219817005	MERCEDES BENZ TE, TL, TZ	MERCEDES BENZ ACTROS, ANTOS, MP2, MO3, MP4, AROX, ATEGO, ATEGO 2	MERCEDES BENZ CITARO, INTEGRO, TOURISMO, TOURINO, TRAVEGO
Dimensions (mm) d: 82 D: 140 T: 115 Weight (Kg.): 6,45				
Axle	Front and trailer axle			
	Fit to: F 400001 / F 400029 / F 400041 / F 400048 / F 400050			

F 15125



Product interchange	OEM Interchange		
FAG 803194 A / 803194.26 SKF BTH-0010 D / VKBA 5415 TIMKEN NP 793154	MERCEDES BENZ 002 980 7202 / 013 981 2205 / 013 981 2305 / 013 981 9805	MERCEDES BENZ ATEGO, ATEGO 2	MERCEDES BENZ TOURINO
Dimensions (mm) d: 78 D: 130 T: 90 Weight (Kg.): 4,36			
Axle	Rear axle		
	Fit to: F 400034		

F 400001



OEM Interchange	
MERCEDES BENZ 000 350 2335 / 000 350 0535 /	
Dimensions (mm) d: 82 D: 382 T: 226 Weight (Kg.): 30,7	
Axle	Trailer axle
Brake:	Disc brake
Bearing:	F 15100

Clutch

Fersa Part Number	Information	OEM	Product interchange
CLAC P 002	Pneumatic clutch actuator	MERCEDES BENZ A003 250 2115*6482 000218	
FCRK 013	Clutch kit	MERCEDES BENZ 023 250 29 01 * 023 250 30 01 * 024 250 70 03 * 024 250 71 03 * 025 250 36 01 * 025 250 38 01 * 025 250 60 01 * 025 250 61 01 * 025 250 90 03 * 026 250 53 03 * 026 250 54 03 * 027 250 41 01 * 027 250 42 01 * 027 250 51 01 * 027 250 52 01 * 027 250 99 01 * 028 250 00 01 * 028 250 57 01 * 028 250 58 01 * 028 250 73 01 * 028 250 86 01 * 029 250 10 01 * 029 250 25 01	LUK 643 3397 33 SACHS 3400 710 073 VALEO 827629
FCRK 016	Includes FCRK 013 + CLAC P002	MERCEDES BENZ 003 250 2115* 003 250 35 15* 003 250 70 15* 003 250 86 15* 010 250 01 04* 010 250 30 04* 010 250 61 04 * 010 250 88 04* 024 250 70 03* 024 250 71 03* 025 250 90 03* 029 250 25 01	LUK 643 3318 33 SACHS 3400 700 061, 3400 710 066 VALEO 827611
Disk diameter:		430 mm	



FCRK 013

*Representative image

Everything you need for a rebuild comes in this box

F-Box rebuild kits are the most complete Fersa solution for a rebuild. All components included in the kits are original material from Fersa, synonymous with a guarantee of quality and maximum performance.



Transmission

FTRK DT12 OB (only Bearings)		
Position	Fersa	OEM
Input shaft front	F 15190	008 981 2605
Input shaft	F 17128 K	022 981 2110
Main shaft front	Cone F 15249	013 981 1505
Main shaft intermediate	32011 XF	000 980 9002
Main shaft intermediate	CONE F 15244	011 981 8105
Main shaft	F 17104 K	006 981 6410
Main shaft	F 17031 K	007 981 4210
Main shaft	F 17129 K	022 981 2310
Counter shaft rear	F 15334	002 981 7781
Counter shaft front	529/520 X1	008 981 2205
Output shaft front	16017/90 C3+SPAC	004 981 8725
Output shaft rear	F 18060	009 981 3325
Oil pump	6003	008 981 5425
Reverse shaft	F 17127 K	021 981 5610

FTRK G240-16 OB (Only Bearings)		
Position	Fersa	OEM
Input shaft front	F 15190	011 981 1305
Input shaft	F 17034 K	016 981 0010
Main shaft front	CONE4367 X	015 981 1605
Main shaft intermediate	CONE F 15113	017 981 5105
Main shaft intermediate	CONE F 15111	015 981 6205
Main shaft	F 17035 K	018 981 6610
Main shaft (Old type with main shaft 945 262 3605)	F 17031 K	008 981 8310
Main shaft (New type with main shaft 945 262 4505)	F 17097 K	018 981 8110



Differential

FDRK HL6 Complete kit (Seal included)			
 Position	Fersa	OEM	
MERCEDES BENZ HL 6/1	Bevel pinion front	F 15253	014 981 2005
	Bevel pinion rear	F 15254	014 981 4905
	Differential right	32024 XF	014 981 5405
	Differential left	32020 XF	017 981 7905

FDRK HL8 OB			
 Position	Fersa	OEM	
MERCEDES BENZ HL 8/1 DCS-13	Bevel pinion front	F 15253	014 981 2005
	Bevel pinion rear	F 15257	014 981 2205
	Differential right	32028 XF	009 981 7905
	Differential left	F 15208	011 981 3605

NOTES

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Excellence beyond bearings

Spain | Austria | China | India | USA | Brazil | Mexico | Colombia
Chile | Bolivia | Argentina | Netherlands | Australia | Kenya



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