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# THE SMART SOLUTION

**Preset hubs for  
commercial vehicle**



ENG.

# IT IS THE INSIDE THAT COUNTS

## Experts in integrated solutions

We are the first and only bearing manufacturer that has its own developed hubs. We have the ideal bearing for each hub. We work with restricted tolerances to ensure optimal operation.

We are backed by our experience as suppliers of hub units for first-class vehicle manufacturers. We know and respect the requirements of the original equipment and apply them to all products in our range.

## OEM QUALITY WITH FERSA'S PRESET HUB ASSEMBLIES



JOST



ZF



SAF



BPW



ROR



Scania



DAF



Mercedes Benz



Volvo  
Renault Trucks

# TRUE TO THE ORIGINAL

## Accurate and safe design

Our engineers are involved from the design of the hubs and the choice of raw material to the after-sales service.

We provide materials and designs which are original counterparts. We respect tolerances and clearances and validate each of the pieces with a final application.

The surfaces of our hubs are mechanized with a high degree of precision and we guarantee the high quality of the raw material.

We carry out tests demonstrating optimum performance on both on our own benches and on the field.

### High quality hubs

100% compatible with original disc brakes.

Mechanized visible faces and non-reworked surfaces.

Maximum quality of the raw material.

### ABS rings

100% true to the original design.

Preassembled in the hub.

## THE ONLY BEARING MANUFACTURER THAT PRODUCES PRESET SOLUTIONS

### Adapted seals

They can withstand 30% more pressure than normal work.

Validated with our own test benches.

Different types of seals based on their position and final application.

### High performance grease

We incorporate the optimum amount of grease at the factory.



### SAFETY

Prevents assembly failures and guarantees optimal sealing.



### SPEED

Install a single part and reduce the number of tools needed.



### QUALITY

Our manufacturing process meets the highest quality standards.

# ADVANCED TECHNOLOGY

## Intelligent production process

Our manufacturing lines incorporate the latest technologies in terms of quality control. Our systems collect and tracks more than 200 records for each bearing, both dimensional and functional.

We have a high level of automation to improve the quality and competitiveness of our products. Our manufacturing lines collect information in real time, which allows us to adjust parameters and detect possible failures automatically.

We have a productive capacity of more than 60,000 pre-set hub assemblies per year.



Preset hub assemblies control area.

## 100% AUTOMATED LINES WITH UNITARY TRACEABILITY OF EACH PIECE



Reading and data collection through Datamatrix.



Assembly process robot.

# VOLVO - RENAULT TRUCKS



**F 400006**   
VOLVO \* RENAULT TRUCKS  
- Rear axle  
- Drum brake  
OEM: 20820420 \* 7420819822 \* 7420820420



**F 400007**    
VOLVO \* RENAULT TRUCKS  
- Rear axle  
- Disc brake/27 mm bolts  
- With ABS  
OEM: 85105696 \* 3988833



**F 400008**    
VOLVO \* RENAULT TRUCKS  
- Rear axle  
- Disc brake/25 mm bolts  
- With ABS  
OEM: 85107753 \* 20535263



**F 400009**    
VOLVO \* RENAULT TRUCKS  
- Front axle  
- Disc brake/25 mm bolts  
- With ABS  
OEM: 85114470 \* 85111791 \* 85111448 \* 20535202



**F 400010**   
VOLVO \* RENAULT TRUCKS  
- Front axle  
- Disc brake/25 mm bolts  
- With ABS  
OEM: 85111789 \* 85107749



**F 400013**   
VOLVO  
- Front axle  
- Drum brake/25 mm bolts  
OEM: 21024160 \* 20534904 \* 7421024160 \* 7420534904




**F 400014**   
VOLVO  
- Front axle  
- Drum brake/27 mm bolts  
OEM: 20518092




**F 400018**   
VOLVO  
- Rear axle  
- Drum brake/25 mm bolts  
- With ABS  
OEM: 21328181 \* 21328177 \* 20820402 \* 7421328181




**F 400019**   
VOLVO  
- Rear axle  
- Drum brake/27 mm bolts  
- With ABS  
OEM: 1078053 \* 20517164 \* 85104301



**F 400021**   
VOLVO  
- Rear axle  
- Drum brake/25 mm bolts  
- With and without ABS  
OEM: 20535244 \* 20535245 \* 20518053 \* 21336855 \* 21336856 \* 21336857



**F 400022**   
VOLVO  
- Rear axle  
- Drum brake/27 mm bolts  
OEM: 20476519 \* 20518054




**F 400030**   
VOLVO \* RENAULT TRUCKS  
- Rear axle  
- Disc brake  
- With ABS  
OEM: 20819826 \* 85109244 \* 7420819826 \* 7485109244




**F 400032**   
VOLVO \* RENAULT TRUCKS  
- Front axle  
- Disc brake  
- With ABS  
OEM: 21550437 \* 7421102556




**F 400042**   
VOLVO  
- Front axle  
- Drum brake  
- With and without ABS  
OEM: 21228155



**F 400047**   
VOLVO  
- Front axle  
- Disc brake  
OEM: 21940776



**F 400051**   
VOLVO  
- Front axle  
- Disc brake  
OEM: 21102535

## ZF



**F 400031**

**VOLVO \* ZF**  
- Rear axle  
- Disc brake  
- ABS included in the seal  
OEM: 21062580 \* 4472335745

## SCANIA



**F 400015**

- Front axle  
- Drum brake  
OEM: 2290532 \* 2085471



**F 400016**

- Front axle  
- Disc brake  
OEM: 1868662 \* 2290526



**F 400043**

- Rear axle  
- Drum brake  
OEM: 2290531



**F 400044**

- Rear axle  
- Drum brake  
OEM: 2326676



**F 400052**

- Rear axle  
- Disc brake  
OEM: 2277946

## SAF



**F 400005**

- Trailer axle  
- Disc brake  
OEM: 33 07 3 045 00 \* 33 07 3 045 01 \*  
33 07 3 045 02



**F 400012**

- Trailer axle  
- Disc brake  
OEM: 33 07 3030 00 \* 33 07 3030 01  
33 07 3030 02 \* 33 07 3030 03



**F 400049**

- Rear axle  
- Disc brake  
OEM: 03307305603 \* 03307305601 \*  
03307305600

## MERCEDES BENZ



**F 400011**

- Front axle  
- Disc brake  
OEM: 972 330 0125 \* 972 330 0225 \*  
972 330 0325 \* 972 330 0425 \* 972 330 0525 \*  
972 330 0625



**F 400029**

- Front axle  
- Disc brake  
- Height: 145,5mm  
OEM: 943 330 13 25 \* 943 334 00 01



**F 400034**

- Rear axle  
- Disc brake  
OEM: 970 350 0335



**F 400041**

- Front axle  
- Disc brake  
- Height: 142,5mm  
OEM: 943 330 11 25 \* 943 330 12 25 \*  
943 334 0701



**F 400050**

- Front axle  
- Disc brake  
- Height: 157,5 mm  
OEM: 943 330 08 25

## JOST



**F 400001**

**JOST \* MERCEDES BENZ**  
- Trailer axle  
- Brake disc bolts included  
OEM: 000 350 2335 \* 000 350 0535

## ROR



**F 400046**

- Trailer axle  
- Disc brake  
OEM: 14225425 \* 21225425



**F 400048**

- Trailer axle  
- Disc brake  
OEM: 21225494 \* 14225494

## BPW



**F 400036**

- Trailer axle  
- Drum brake/Disc brake  
- With ABS  
OEM: 09 801 06 07 0



**F 400037**

- Trailer axle  
- Disc brake  
- With ABS  
OEM: 09 801 06 05 0



**F 400038**

- Trailer axle  
- Drum brake  
- With ABS  
OEM: 09 801 06 03 0



**F 400039**

- Trailer axle  
- Disc brake  
- With ABS  
OEM: 09 801 07 32 0



**F 400040**

- Trailer axle  
- Disc brake  
- With ABS  
OEM: 09 801 06 58 0

## DAF



**F 400002**

- Front axle  
- Disc brake  
OEM: 1691621 \* 1699327 \* 1818004 \* 1697346



**F 400003**

- Rear axle  
- Disc brake  
OEM: 1657637 \* 1812161 \* 2019802



**F 400004**

- Rear axle  
- Disc brake  
OEM: 1389061 \* 1391617 \* 1391517 \* 1818003 \*  
2019853



**F 400023**

- Front axle  
- Disc brake  
OEM: 1613331 \* 1812160



# THE SMART SOLUTION

DO NOT PLAY WITH QUALITY  
BET ON FERSA BEARINGS

**Maximum performance**

**OEM quality**

**Micro precision**

**Perfect assemblies**

## Europe

### SPAIN

Zaragoza  
Fersa Bearings headquarters  
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### AUSTRIA

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