



PRECISION FOR TRANSMISSIONS

Needles for gearboxes

Fersa provides full replacement for Eaton, Mercedes Benz, Volvo, and ZF transmissions.



Accuracy | Comprehensive clearance control for each of the bearings which are integrated into the application.



Efficiency | Tested in the later manufacturing stage by specialists in the world of transmissions.

Mercedes Benz



| Position | Fersa | OEM |
|--|------------------|--------------|
| G210-16/14,2-0,83 | | |
| Input shaft | F 17034 K | 016 981 0010 |
| Main shaft | F 17035 K | 018 981 6610 |
| Main shaft | F 17032 K | 009 981 1510 |
| Main shaft (Old model) | F 17031 K | 008 981 8310 |
| Reverse shaft | F 17033 K | 012 981 8910 |
| G240-16/11,7-0,69 | | |
| Input shaft | F 17034 K | 016 981 0010 |
| Main shaft | F 17035 K | 018 981 6610 |
| Main shaft (Old model 945 262 3605) | F 17031 K | 008 981 8310 |
| Main shaft | F 17032 K | 009 981 1510 |
| Reverse shaft | F 17033 K | 012 981 8910 |
| G6-60 | | |
| Main shaft | F 17090 K | 014 981 0610 |
| Main shaft | F 17077 K | 018 981 9510 |
| Main shaft | F 17080 K | 018 981 9610 |
| Main shaft | F 17076 K | 018 981 5310 |
| Reverse shaft | F 17078 K | 018 981 5710 |
| G85-6/6,7-0,73 | | |
| Main shaft | F 17079 K | 018 981 3610 |
| Main shaft | F 17077 K | 018 981 9510 |
| Main shaft | F 17080 K | 018 981 9610 |
| Main shaft | F 17076 K | 018 981 5310 |
| Reverse shaft | F 17078 K | 018 981 5710 |

Fersa: committed to innovation

The ongoing work of our R + D team has enabled us to continue expanding our product portfolio to offer the best range on the market.



ZF



| Position | Fersa | OEM |
|---|------------------|--------------|
| 5S-110 GPA * 5S-110 GP * 5S-110 GPA+GV90/1 * 5S-110 GP+GV90/1 | | |
| Main shaft | F 17052 K | 0735 320 396 |
| Main shaft | F 17053 K | 0735 320 493 |
| Main shaft | F 17051 K | 0735 320 371 |
| Reverse shaft | F 17054 K | 0750 115 011 |

9S-109

| | | |
|------------|------------------|--------------|
| Main shaft | F 17064 K | 0750 115 227 |
| Main shaft | F 17063 K | 0735 320 816 |
| Main shaft | F 17062 K | 0735 320 500 |
| Main shaft | F 17061 K | 0750 115 225 |

VOLVO



| Position | Fersa | OEM |
|---------------|------------------|---------|
| VT 2514 B | | |
| Input shaft | F 17094 K | 1654088 |
| Main shaft | F 17092 K | 1521453 |
| Main shaft | F 17091 K | 1521452 |
| Main shaft | F 17095 K | 1652575 |
| Reverse shaft | F 17093 K | 1652581 |

EATON



| Position | Fersa | OEM |
|-----------------------------------|------------------|--------------|
| FS 5306 A * FS 6206 A * FS 6306 A | | |
| Main shaft | F 17044 K | 017 981 3610 |
| Main shaft | F 17043 K | 017 981 3510 |
| Main shaft | F 17046 K | 017 981 3810 |
| Main shaft | F 17045 K | 017 981 3710 |

The best performance for
the most demanding customers

