



GENERAL CATALOGUE

SUMMARY

Официальный дистрибьютор Fersa в Украине

Тел.: (057) 714-09-09

www.irbis.ua



GENERAL CATALOGUE

SUMMARY






Symbols & Nomenclatures

Símbolos y Nomenclaturas

| Nomenclatures / Nomenclaturas | | |
|-------------------------------|--|---|
| C3 | Internal clearance greater than normal | Juego radial mayor que el normal |
| C4 | Internal clearance greater than C3 | Juego radial mayor que C3 |
| M | Machined brass cage | Jaula de latón |
| N | Snap ring groove in outer ring | Ranura y anillo elástico en aro exterior |
| NR | Snap ring groove and snap ring in outer ring | Ranura, anillo elástico y arandela de seguridad en aro exterior |
| P | Polyamide cage | Jaula de poliamida |
| RS | Rubbing seal on one side | Tapa retén en una cara |
| 2RS | Rubbing seals on both sides | Tapa retén en las dos caras |
| Z | Shield on one side | Tapa en una cara |
| ZZ | Shields on both sides | Tapas en las dos caras |

| Symbols / Símbolos | | |
|--------------------|---------------|------------------|
| N | New reference | Nueva referencia |
| A | Active ABS | ABS activo |
| P | Passive ABS | ABS pasivo |

| Abbreviations / Abreviaturas | | |
|---|------------------|--------------------|
|  | Differential | Diferencial |
|  | Gearbox | Caja de Cambios |
|  | Wheel end | Rueda |
| AC | Air Conditioning | Aire Acondicionado |
| ALT | Alternator | Alternador |
| CL | Clutch | Embrague |
| KP | King Pin | Pivote de mangueta |
| SB | Satellit Box | Planetario |
| SM | Suporte mola | Suporte mola |
| SS | Suspensión | Suspensión |
| ST | Steering | Dirección |
| V | Various | Varios |

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GENERAL CATALOG

SUMMARY

OUR NEW CATALOG, A COMPREHENSIVE SUMMARY OF THE 2015 GENERAL CATALOG, HAS THE COMPLETE INFORMATION OF OUR CURRENT BEARING PRODUCTS, AS WELL AS OUR NEW REFERENCES AND PRODUCT LINES.

CON ESTE NUEVO CATÁLOGO, RESUMEN DE NUESTRO CATÁLOGO GENERAL 2015, FERSA LES FACILITA UNA COMPLETA INFORMACIÓN SOBRE TODOS LOS RODAMIENTOS QUE ACTUALMENTE TENEMOS EN NUESTRA GAMA INCLUYENDO NUEVAS GAMAS Y REFERENCIAS.



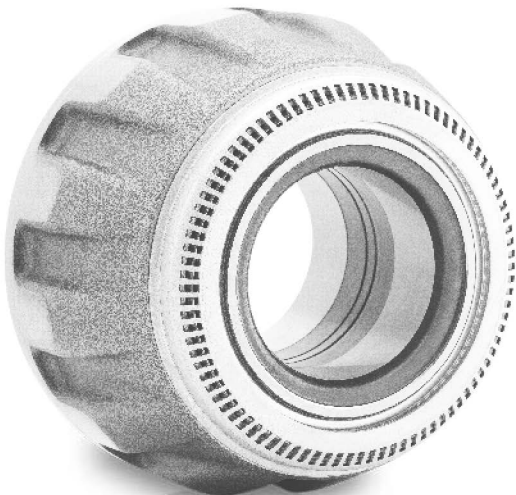
Thanks to the efforts of our R&D department, together with our customers' collaboration, we have increased our references, providing better service to our customers and distributors in the five continents.

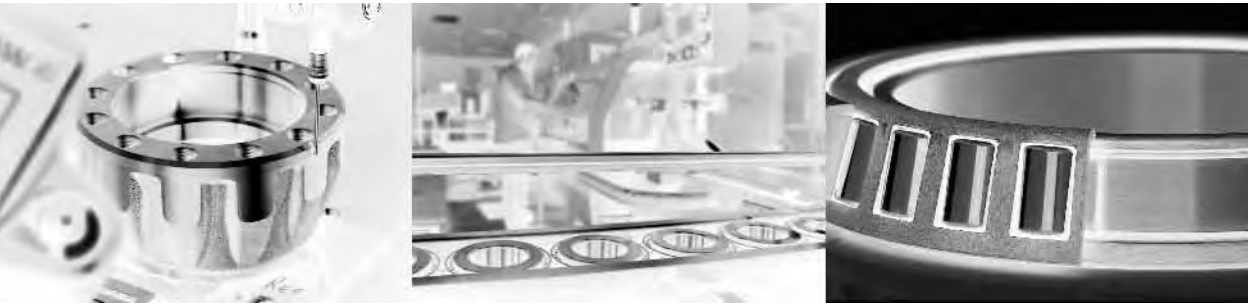
You will find a cross reference list with the sector's main manufacturers, as well as a list by dimensions, for easier identification, in the catalog's last pages.

Please visit our webpage for the latest updated information

www.fersa.com

We hope this information is of service to you.





Gracias al esfuerzo de nuestro departamento de I+D y a la estrecha colaboración con nuestros clientes hemos conseguido incrementar el número de referencias para dar el mejor servicio posible a nuestros clientes y distribuidores en los cinco continentes.

La parte final contiene un completo listado de cruces de nuestras referencias con los principales fabricantes del mercado, así como un listado dimensional para facilitar su identificación.

Les invitamos a consultar nuestra web:

www.fersa.com

donde encontrarán la información actualizada.

Esperamos que esta información sea de su interés.

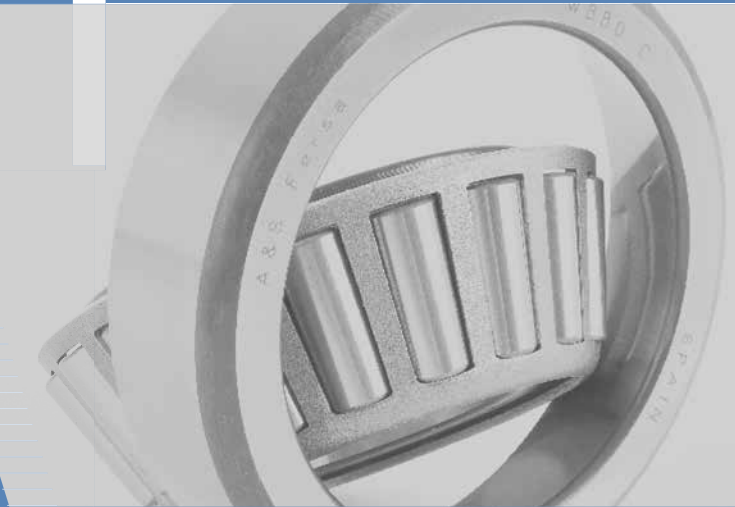


Single row tapered roller bearing

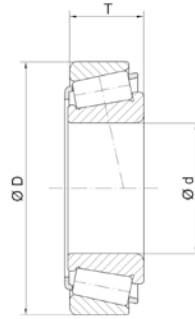
Rodamientos de rodillos cónicos

| | | |
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01



01.1 \ Metric series Series métricas



| Fersa | d (mm) | D (mm) | T (mm) |
|-------------------|---------|---------|--------|
| 302 SERIES | | | |
| 30202 F | 15,000 | 35,000 | 11,750 |
| 30203 F | 17,000 | 40,000 | 13,250 |
| 30204 F | 20,000 | 47,000 | 15,250 |
| 30205 F | 25,000 | 52,000 | 16,250 |
| 30205 FR | 25,000 | 52,000 | 16,250 |
| 30206 F | 30,000 | 62,000 | 17,250 |
| 30207 F | 35,000 | 72,000 | 18,250 |
| 30207/37 F | 37,000 | 72,000 | 18,250 |
| 30207/80 F | 35,000 | 80,000 | 18,250 |
| 30208 F | 40,000 | 80,000 | 19,750 |
| 30209 F | 45,000 | 85,000 | 20,750 |
| 30210 F | 50,000 | 90,000 | 21,750 |
| 30211 F | 55,000 | 100,000 | 22,750 |
| 30212 F | 60,000 | 110,000 | 23,750 |
| 30213 F | 65,000 | 120,000 | 24,750 |
| 30214 F | 70,000 | 125,000 | 26,250 |
| 30215 F | 75,000 | 130,000 | 27,250 |
| 30216 F | 80,000 | 140,000 | 28,250 |
| 30217 F | 85,000 | 150,000 | 30,500 |
| 30218 F | 90,000 | 160,000 | 32,500 |
| 30219 F | 95,000 | 170,000 | 34,500 |
| 30220 F | 100,000 | 180,000 | 37,000 |
| 30221 F | 105,000 | 190,000 | 39,000 |
| 30222 F | 110,000 | 200,000 | 41,000 |
| 30224 F | 120,000 | 215,000 | 43,500 |
| 30226 F | 130,000 | 230,000 | 43,750 |

| 303 SERIES | | | |
|-------------------|--------|--------|--------|
| 303/28 F | 28,000 | 68,000 | 19,750 |
| 30302 F | 15,000 | 42,000 | 14,250 |
| 30303 F | 17,000 | 47,000 | 15,250 |
| 30304 F | 20,000 | 52,000 | 16,250 |
| 30305 F | 25,000 | 62,000 | 18,250 |
| 30306 F | 30,000 | 72,000 | 20,750 |
| 30307 F | 35,000 | 80,000 | 22,750 |

| Fersa | d (mm) | D (mm) | T (mm) |
|---------|--------|---------|--------|
| 30308 F | 40,000 | 90,000 | 25,250 |
| 30309 F | 45,000 | 100,000 | 27,250 |
| 30310 F | 50,000 | 110,000 | 29,250 |
| 30311 F | 55,000 | 120,000 | 31,500 |
| 30312 F | 60,000 | 130,000 | 33,500 |
| 30313 F | 65,000 | 140,000 | 36,000 |
| 30314 F | 70,000 | 150,000 | 38,000 |
| 30315 F | 75,000 | 160,000 | 40,000 |
| 30316 F | 80,000 | 170,000 | 42,500 |

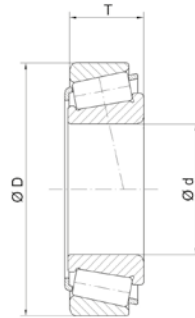
313 SERIE

| | | | |
|---------|--------|---------|--------|
| 31303 F | 17,000 | 47,000 | 15,250 |
| 31305 F | 25,000 | 62,000 | 18,250 |
| 31306 F | 30,000 | 72,000 | 20,750 |
| 31307 F | 35,000 | 80,000 | 22,750 |
| 31308 F | 40,000 | 90,000 | 25,250 |
| 31309 F | 45,000 | 100,000 | 27,250 |
| 31310 F | 50,000 | 110,000 | 29,250 |
| 31311 F | 55,000 | 120,000 | 31,500 |
| 31312 F | 60,000 | 130,000 | 33,500 |
| 31313 F | 65,000 | 140,000 | 36,000 |
| 31314 F | 70,000 | 150,000 | 38,000 |
| 31315 F | 75,000 | 160,000 | 40,000 |
| 31316 F | 80,000 | 170,000 | 42,500 |
| 31318 F | 90,000 | 190,000 | 46,500 |

320 SERIES

| | | | |
|-----------|--------|--------|--------|
| 320/22 XF | 22,000 | 44,000 | 15,000 |
| 320/28 XF | 28,000 | 52,000 | 16,000 |
| 320/32 XF | 32,000 | 58,000 | 17,000 |
| 320/32 XR | 32,000 | 58,000 | 17,000 |
| 32004 XF | 20,000 | 42,000 | 15,000 |
| 32004 XR | 20,000 | 42,000 | 15,000 |
| 32005 XF | 25,000 | 47,000 | 15,000 |
| 32005 XR | 25,000 | 47,000 | 15,000 |
| 32006 XF | 30,000 | 55,000 | 17,000 |

01.1 \ Metric series Series métricas



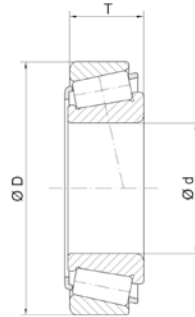
| Fersa | d (mm) | D (mm) | T (mm) |
|-----------------------|---------|---------|--------|
| 32007 X 30/32007 XF | 30,000 | 62,000 | 18,000 |
| 32007 X 34/32007 XF | 34,000 | 62,000 | 18,000 |
| 32007 XF | 35,000 | 62,000 | 18,000 |
| 32007 XR | 35,000 | 62,000 | 18,000 |
| 32008 XF | 40,000 | 68,000 | 19,000 |
| 32009 XF | 45,000 | 75,000 | 20,000 |
| 32009 XR | 45,000 | 75,000 | 20,000 |
| 32010 XF | 50,000 | 80,000 | 20,000 |
| 32010 XR | 50,000 | 80,000 | 20,000 |
| 32011 X 57,5/32011 XF | 57,500 | 90,000 | 23,000 |
| 32011 XF | 55,000 | 90,000 | 23,000 |
| 32012 XF | 60,000 | 95,000 | 23,000 |
| 32013 XF | 65,000 | 100,000 | 23,000 |
| 32014 XF | 70,000 | 110,000 | 25,000 |
| 32015 XF | 75,000 | 115,000 | 25,000 |
| 32016 XF | 80,000 | 125,000 | 29,000 |
| 32017 XF | 85,000 | 130,000 | 29,000 |
| 32018 XF | 90,000 | 140,000 | 32,000 |
| 32019 XF | 95,000 | 145,000 | 32,000 |
| 32020 XF | 100,000 | 150,000 | 32,000 |
| 32021 XF | 105,000 | 160,000 | 35,000 |
| 32022 XF | 110,000 | 170,000 | 38,000 |
| 32024 XF | 120,000 | 180,000 | 38,000 |
| 32028 XF | 140,000 | 210,000 | 45,000 |

| 322 SERIES | | | |
|------------|--------|--------|--------|
| 32204 F | 20,000 | 47,000 | 19,250 |
| 32204 FR | 20,000 | 47,000 | 19,250 |
| 32205 BF | 25,000 | 52,000 | 19,250 |
| 32205 F | 25,000 | 52,000 | 19,250 |
| 32206 F | 30,000 | 62,000 | 21,250 |
| 32207 F | 35,000 | 72,000 | 24,250 |
| 32208 F | 40,000 | 80,000 | 24,750 |
| 32209 F | 45,000 | 85,000 | 24,750 |
| 32210/45 F | 45,000 | 90,000 | 24,750 |
| 32210 F | 50,000 | 90,000 | 24,750 |

| Fersa | d (mm) | D (mm) | T (mm) |
|------------------|---------|---------|--------|
| 32211 F | 55,000 | 100,000 | 26,750 |
| 32212 F | 60,000 | 110,000 | 29,750 |
| 32213 F | 65,000 | 120,000 | 32,750 |
| 32214 F | 70,000 | 125,000 | 33,250 |
| 32215 F | 75,000 | 130,000 | 33,250 |
| XUA 32215/Y32215 | 75,000 | 130,000 | 47,250 |
| 32216 F | 80,000 | 140,000 | 35,250 |
| 32217 F | 85,000 | 150,000 | 38,500 |
| 32218 F | 90,000 | 160,000 | 42,500 |
| 32219 F | 95,000 | 170,000 | 45,500 |
| 32220 F | 100,000 | 180,000 | 49,000 |
| 32220 FR | 100,000 | 180,000 | 49,000 |
| 32221 F | 105,000 | 190,000 | 53,000 |
| 32222 F | 110,000 | 200,000 | 56,000 |

| 323 SERIES | | | |
|------------|--------|---------|--------|
| 323/38 F | 38,000 | 90,000 | 35,250 |
| 32303 F | 17,000 | 47,000 | 20,250 |
| 32304 F | 20,000 | 52,000 | 22,250 |
| 32305 F | 25,000 | 62,000 | 25,250 |
| 32306 BF | 30,000 | 72,000 | 28,750 |
| 32306 C | 30,000 | 72,000 | 28,750 |
| 32306 F | 30,000 | 72,000 | 28,750 |
| 32307 F | 35,000 | 80,000 | 32,750 |
| 32308 BF | 40,000 | 90,000 | 35,250 |
| 32308 C | 40,000 | 90,000 | 35,250 |
| 32308 F | 40,000 | 90,000 | 35,250 |
| 32309 BF | 45,000 | 100,000 | 38,250 |
| 32309 F | 45,000 | 100,000 | 38,250 |
| 32310/55 | 55,000 | 110,000 | 42,250 |
| 32310 F | 50,000 | 110,000 | 42,250 |
| 32311 F | 55,000 | 120,000 | 45,500 |
| 32312 BF | 60,000 | 130,000 | 48,500 |
| 32312 F | 60,000 | 130,000 | 48,500 |
| 32313 BF | 65,000 | 140,000 | 51,000 |
| 32313 F | 65,000 | 140,000 | 51,000 |

01.1 \ Metric series Series métricas



| Fersa | d (mm) | D (mm) | T (mm) |
|-----------------|--------|---------|--------|
| 32314 BF | 70,000 | 150,000 | 54,000 |
| 32314 F | 70,000 | 150,000 | 54,000 |
| 32315 F | 75,000 | 160,000 | 58,000 |
| 32316 F | 80,000 | 170,000 | 61,500 |
| 32317 F | 85,000 | 180,000 | 63,500 |

329 SERIES

| | | | |
|----------------|---------|---------|--------|
| 32911 F | 55,000 | 80,000 | 17,000 |
| 32924 F | 120,000 | 165,000 | 29,000 |

330 SERIES

| | | | |
|------------------------|---------|---------|--------|
| 33006 F | 30,000 | 55,000 | 20,000 |
| 33007 F | 35,000 | 62,000 | 21,000 |
| 33008 F | 40,000 | 68,000 | 22,000 |
| 33009 F | 45,000 | 75,000 | 24,000 |
| 33010 F | 50,000 | 80,000 | 24,000 |
| 33011 F | 55,000 | 90,000 | 27,000 |
| 33012 F | 60,000 | 95,000 | 27,000 |
| 33013 F | 65,000 | 100,000 | 27,000 |
| 33014 F | 70,000 | 110,000 | 31,000 |
| 33015 F | 75,000 | 115,000 | 31,000 |
| 33016 F | 80,000 | 125,000 | 36,000 |
| 33017 F | 85,000 | 130,000 | 36,000 |
| 33018 F | 90,000 | 140,000 | 39,000 |
| 33019 F | 95,000 | 145,000 | 39,000 |
| 33020 F | 100,000 | 150,000 | 39,000 |
| 33020 F 561694 | 100,000 | 150,000 | 39,000 |
| 33021 F | 105,000 | 160,000 | 43,000 |
| 33021 F 0266488 | 105,000 | 160,000 | 43,000 |
| 33022 F | 110,000 | 170,000 | 47,000 |
| 33024 F | 120,000 | 180,000 | 48,000 |

331 SERIES

| | | | |
|----------------|--------|--------|--------|
| 33108 F | 40,000 | 75,000 | 26,000 |
| 33109 F | 45,000 | 80,000 | 26,000 |
| 33110 F | 50,000 | 85,000 | 26,000 |

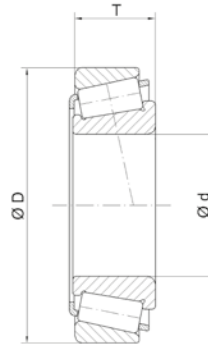
| Fersa | d (mm) | D (mm) | T (mm) |
|---------|--------|---------|--------|
| 33111 F | 55,000 | 95,000 | 30,000 |
| 33112 F | 60,000 | 100,000 | 30,000 |
| 33113 F | 65,000 | 110,000 | 34,000 |
| 33114 F | 70,000 | 120,000 | 37,000 |
| 33115 F | 75,000 | 125,000 | 37,000 |
| 33116 F | 80,000 | 130,000 | 37,000 |
| 33117 F | 85,000 | 140,000 | 41,000 |
| 33118 F | 90,000 | 150,000 | 45,000 |
| 33119 F | 95,000 | 160,000 | 49,000 |

| 332 SERIES | | | |
|----------------|---------|---------|--------|
| 332/32 F | 32,000 | 65,000 | 26,000 |
| 33205 F | 25,000 | 52,000 | 22,000 |
| 33206 F | 30,000 | 62,000 | 25,000 |
| 33207 F | 35,000 | 72,000 | 28,000 |
| 33208 F | 40,000 | 80,000 | 32,000 |
| 33209 F | 45,000 | 85,000 | 32,000 |
| 33210 F | 50,000 | 90,000 | 32,000 |
| 33211 F | 55,000 | 100,000 | 35,000 |
| 33212 F | 60,000 | 110,000 | 38,000 |
| 33213 F | 65,000 | 120,000 | 41,000 |
| 33214 F | 70,000 | 125,000 | 41,000 |
| 33215 F | 75,000 | 130,000 | 41,000 |
| 33216 F | 80,000 | 140,000 | 46,000 |
| 33216 F 573810 | 80,000 | 140,000 | 46,000 |
| 33217 F | 85,000 | 150,000 | 49,000 |
| 33218 F | 90,000 | 160,000 | 55,000 |
| 33220 F | 100,000 | 180,000 | 63,000 |



01.2 \ Inch series

Series pulgadas

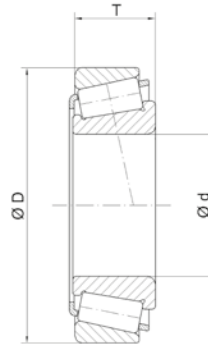


| Fersa | d (mm) | D (mm) | T (mm) |
|--------------|--------|---------|--------|
| 4 A/6 | 19,050 | 44,450 | 12,700 |
| 336/332 | 41,275 | 80,000 | 21,000 |
| 342 A/332 | 41,275 | 80,000 | 28,574 |
| 344/332 | 40,000 | 80,000 | 21,000 |
| 355/354 X | 44,450 | 85,000 | 20,638 |
| 355 X/352 | 44,450 | 90,119 | 23,000 |
| 355 X/354 X | 44,450 | 85,000 | 20,638 |
| 359 A/354 X | 46,038 | 85,000 | 20,638 |
| 359 S/354 X | 46,038 | 85,000 | 20,638 |
| 365/362 | 50,000 | 90,000 | 20,000 |
| 368/362 A | 50,800 | 88,900 | 20,638 |
| 368 A/362 A | 50,800 | 88,900 | 20,638 |
| 368 A/362 X | 50,800 | 90,000 | 25,000 |
| 368 S/362 | 51,592 | 90,000 | 20,000 |
| 368 S/362 A | 51,592 | 88,900 | 20,638 |
| 369 A/362 A | 47,625 | 88,900 | 20,638 |
| 369 A/363 | 47,625 | 90,000 | 20,000 |
| 369 S/362 | 47,625 | 90,000 | 20,000 |
| 369 S/362 A | 47,625 | 88,900 | 20,638 |
| 369 S/363 | 47,625 | 90,000 | 20,000 |
| 385/382 | 55,000 | 98,425 | 21,000 |
| 385/382 A | 55,000 | 96,838 | 21,000 |
| 385 A/382 | 50,800 | 98,425 | 21,000 |
| 385 A/382 A | 50,800 | 96,838 | 21,000 |
| 386 A/382 A | 47,625 | 96,838 | 21,000 |
| 387/382 | 57,150 | 98,425 | 21,000 |
| 387/382 A | 57,150 | 96,838 | 21,000 |
| 387/382 S | 57,150 | 96,838 | 25,400 |
| 387 A/382 | 57,150 | 98,425 | 21,000 |
| 387 A/382 A | 57,150 | 96,838 | 21,000 |
| 387 A/382 S | 57,150 | 96,838 | 25,400 |
| 387 A/383 A | 57,150 | 100,000 | 21,000 |
| 387 AS/382 A | 57,150 | 96,838 | 21,000 |
| 387 AS/382 S | 57,150 | 96,838 | 25,400 |
| 387 S/382 | 57,150 | 98,425 | 21,000 |
| 387 S/382 S | 57,150 | 96,838 | 25,400 |

| Fersa | d (mm) | D (mm) | T (mm) |
|---------------------|---------------|---------------|---------------|
| 387 S/383 A | 57,150 | 100,000 | 21,000 |
| 388 A/382 | 57,531 | 98,425 | 21,000 |
| 389 A/382 A | 53,975 | 96,838 | 21,000 |
| 389 A/383 A | 53,975 | 100,000 | 21,000 |
| 389 AS/382 | 53,975 | 98,425 | 21,000 |
| 390/394 A | 57,150 | 110,000 | 22,000 |
| 392/394 A | 61,912 | 110,000 | 22,000 |
| 395/394 A | 63,500 | 110,000 | 22,000 |
| 395 A/394 A | 66,675 | 110,000 | 22,000 |
| 395 S/394 A | 66,675 | 110,000 | 22,000 |
| 399 A/394 A | 68,262 | 110,000 | 22,000 |
| 399 AS/394 A | 68,262 | 110,000 | 22,000 |
| 418/414 | 38,100 | 88,500 | 26,988 |
| 419/414 | 41,275 | 88,500 | 26,988 |
| 455/453 X | 50,800 | 104,775 | 30,162 |
| 462/453 X | 57,150 | 104,775 | 30,162 |
| 462 A/453 X | 57,150 | 104,775 | 30,162 |
| 469/453 A | 57,150 | 107,950 | 27,783 |
| 469/453 X | 57,150 | 104,775 | 30,162 |
| 476/472 | 60,000 | 120,000 | 29,795 |
| 482/472 | 69,850 | 120,000 | 29,795 |
| 482/472 A | 69,850 | 120,000 | 29,002 |
| 482/472 X | 69,850 | 123,825 | 30,162 |
| 482 E/472 | 69,850 | 120,000 | 46,751 |
| 484/472 | 70,000 | 120,000 | 29,795 |
| 484/472 A | 70,000 | 120,000 | 29,002 |
| 495/492 | 82,550 | 133,350 | 33,338 |
| 495/492 A | 82,550 | 133,350 | 30,162 |
| 495/493 | 82,550 | 136,525 | 30,162 |
| 495 A/492 A | 76,200 | 133,350 | 30,162 |
| 495 A/493 | 76,200 | 136,525 | 30,162 |
| 496/493 | 80,962 | 136,525 | 30,162 |
| 497/492 A | 85,725 | 133,350 | 30,162 |
| 497/493 | 85,725 | 136,525 | 30,162 |
| 498/492 A | 84,138 | 133,350 | 30,162 |
| 498/493 | 84,138 | 136,525 | 30,162 |

01.2 \ Inch series

Series pulgadas

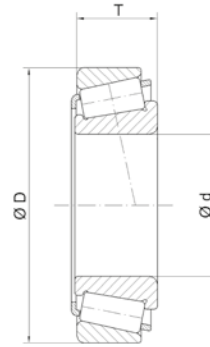


| Fersa | d (mm) | D (mm) | T (mm) |
|-------------|--------|---------|--------|
| 527/522 | 44,450 | 101,600 | 34,925 |
| 527 S/522 | 44,983 | 101,600 | 34,925 |
| 528/522 | 47,625 | 101,600 | 34,925 |
| 529/520 X1 | 50,800 | 100,000 | 34,925 |
| 529/522 | 50,800 | 101,600 | 34,925 |
| 529 X/522 | 50,800 | 101,600 | 34,925 |
| 535/532 X | 44,450 | 107,950 | 36,512 |
| 536/532 X | 47,625 | 107,950 | 36,512 |
| 537/532 | 50,800 | 111,125 | 38,100 |
| 537/532 X | 50,800 | 107,950 | 36,512 |
| 538/532 | 54,988 | 111,125 | 38,100 |
| 539/532 A | 53,975 | 111,125 | 38,100 |
| 539/532 X | 53,975 | 107,950 | 36,512 |
| 555 S/552 A | 57,150 | 123,825 | 38,100 |
| 559/552 A | 63,500 | 123,825 | 38,100 |
| 566/563 | 69,850 | 127,000 | 36,512 |
| 567/563 | 73,025 | 127,000 | 36,512 |
| 567 X/563 | 73,025 | 127,000 | 36,512 |
| 568/563 | 73,817 | 127,000 | 36,512 |
| 575/572 | 76,200 | 139,992 | 36,512 |
| 575/572 A | 76,200 | 139,982 | 35,250 |
| 575/572 X | 76,200 | 139,700 | 36,512 |
| 576/572 | 73,025 | 139,992 | 36,512 |
| 580/572 | 82,550 | 139,992 | 36,512 |
| 580/572 A | 82,550 | 139,982 | 35,250 |
| 580/572 X | 82,550 | 139,700 | 36,512 |
| 593/592 A | 88,900 | 152,400 | 39,688 |
| 594/592 A | 95,250 | 152,400 | 39,688 |
| 594/593 X | 95,250 | 150,000 | 35,992 |
| 594 A/592 A | 95,250 | 152,400 | 39,688 |
| 594 A/593 X | 95,250 | 150,000 | 35,992 |
| 598/592 A | 92,075 | 152,400 | 39,688 |
| 598/593 X | 92,075 | 150,000 | 35,992 |
| 598 A/592 A | 92,075 | 152,400 | 39,688 |
| 598 A/593 X | 92,075 | 150,000 | 35,992 |
| 619/612 | 50,800 | 120,650 | 41,275 |

| Fersa | d (mm) | D (mm) | T (mm) |
|--------------------|---------------|---------------|---------------|
| 641/632 | 66,675 | 136,525 | 41,275 |
| 641/633 | 66,675 | 130,175 | 41,275 |
| 643/632 | 69,850 | 136,525 | 41,275 |
| 644/632 | 71,438 | 136,525 | 41,275 |
| 645/632 | 71,438 | 136,525 | 41,275 |
| 659/653 | 76,200 | 146,050 | 41,275 |
| 663/652 | 82,550 | 152,400 | 41,275 |
| 663/653 | 82,550 | 146,050 | 41,275 |
| N 665 A/653 | 85,725 | 146,050 | 41,275 |
| 681/672 | 92,075 | 168,275 | 41,275 |
| 681 A/672 | 92,075 | 168,275 | 41,275 |
| 683/672 | 95,250 | 168,275 | 41,275 |
| 687/672 | 101,600 | 168,275 | 41,275 |
| 740/742 | 80,962 | 150,089 | 44,450 |
| 748 S/742 | 76,200 | 150,089 | 44,450 |
| 749/742 | 85,026 | 150,089 | 44,450 |
| 749 A/742 | 82,550 | 150,089 | 44,450 |
| 749 S/742 | 85,026 | 150,089 | 44,450 |
| 759/752 | 88,900 | 161,925 | 47,625 |
| N 1280/1220 | 22,225 | 57,150 | 22,225 |
| 1380/1328 | 22,225 | 52,388 | 19,368 |
| 1680/1620 | 33,338 | 66,675 | 20,638 |
| 1779/1729 X | 23,812 | 56,896 | 19,368 |
| 1780/1729 | 25,400 | 56,896 | 19,368 |
| 1985/1922 | 28,575 | 57,150 | 19,845 |
| 1985/1930 | 28,575 | 56,896 | 19,845 |
| 1985/1931 | 28,575 | 60,325 | 19,845 |
| 1985/1932 | 28,575 | 58,738 | 19,050 |
| 1986/1931 | 25,400 | 60,325 | 19,845 |
| 1986/1932 | 25,400 | 58,738 | 19,050 |
| 1988/1922 | 28,575 | 57,150 | 19,845 |
| 1988/1931 | 28,575 | 60,325 | 19,845 |
| 2580/2520 | 31,750 | 66,421 | 25,400 |
| 2580/2523 | 31,750 | 69,850 | 23,812 |
| 2585/2523 | 33,338 | 69,850 | 23,812 |

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Series pulgadas

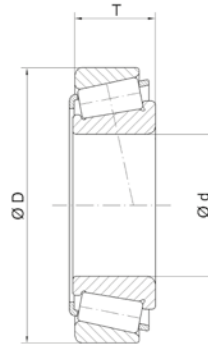


| Fersa | d (mm) | D (mm) | T (mm) |
|--------------------|--------|--------|--------|
| 2689/2631 | 28,575 | 66,421 | 23,812 |
| 2780/2720 | 36,487 | 76,200 | 23,812 |
| 2780/2729 | 36,487 | 76,200 | 23,812 |
| 2788/2720 | 38,100 | 76,200 | 23,812 |
| 2788/2729 | 38,100 | 76,200 | 23,812 |
| 2789/2720 | 39,688 | 76,200 | 23,812 |
| 2789/2729 | 39,688 | 76,200 | 23,812 |
| 2793/2720 | 34,925 | 76,200 | 23,813 |
| 2796/2735 X | 34,925 | 73,025 | 23,812 |
| 3381/3320 | 38,100 | 80,167 | 29,370 |
| 3382/3320 | 39,688 | 80,167 | 29,370 |
| 3384/3320 | 41,275 | 80,167 | 29,370 |
| 3386/3320 | 39,688 | 80,167 | 29,370 |
| 3386/3325 | 39,688 | 79,975 | 29,370 |
| 3477/3420 | 33,338 | 79,375 | 29,370 |
| 3478/3420 | 34,925 | 79,375 | 29,370 |
| 3490/3420 | 38,100 | 79,375 | 29,370 |
| 3577/3520 | 41,275 | 84,138 | 30,162 |
| 3577/3525 | 41,275 | 87,312 | 30,162 |
| 3578/3520 | 44,450 | 84,138 | 30,162 |
| 3578/3525 | 44,450 | 87,312 | 30,162 |
| 3585/3525 | 41,275 | 87,312 | 30,162 |
| 3586/3525 | 45,237 | 79,975 | 30,162 |
| 3767/3720 | 52,388 | 93,264 | 30,162 |
| N 3775/3720 | 50,800 | 93,264 | 30,162 |
| 3776/3720 | 44,983 | 93,264 | 30,162 |
| 3778/3720 | 47,625 | 93,264 | 30,162 |
| 3779/3720 | 47,625 | 93,264 | 30,162 |
| 3780/3720 | 50,800 | 93,264 | 30,162 |
| 3780/3727 | 50,800 | 93,662 | 30,162 |
| 3782/3720 | 44,450 | 93,264 | 30,162 |
| 3784/3720 | 50,800 | 93,264 | 30,162 |
| 3784/3727 | 50,800 | 93,662 | 30,162 |
| 3877/3820 | 41,275 | 85,725 | 30,162 |
| 3878/3820 | 36,512 | 85,725 | 30,162 |
| 3879/3820 | 40,000 | 73,025 | 30,162 |

| Fersa | d (mm) | D (mm) | T (mm) |
|--------------------------|--------|---------|--------|
| 3979/3920 | 57,150 | 112,712 | 30,162 |
| 3980/3920 | 60,325 | 112,712 | 30,162 |
| 3982/3920 | 63,500 | 112,712 | 30,162 |
| 3982/3927 X | 63,500 | 110,000 | 30,162 |
| 3984/3920 | 66,675 | 112,712 | 30,162 |
| 3984/3925 | 66,675 | 112,712 | 30,162 |
| 3994/3920 | 66,675 | 112,712 | 30,162 |
| 3994/3927 X | 66,675 | 110,000 | 30,162 |
| JF 4049/JF 4010 | 40,000 | 85,000 | 33,000 |
| 4367 X/4335 | 39,688 | 90,488 | 39,688 |
| 4388/4335 | 41,275 | 90,488 | 39,688 |
| 4395/4335 | 42,070 | 90,488 | 39,688 |
| JF 4549/JF 4510 | 45,000 | 95,000 | 36,000 |
| JW 4549/JW 4510 | 45,000 | 95,000 | 29,000 |
| 4580/4535 | 50,800 | 104,775 | 39,687 |
| JF 5049/JF 5010 | 50,000 | 100,000 | 36,000 |
| JW 5049/JW 5010 | 50,000 | 105,000 | 32,000 |
| 5395/5335 | 49,212 | 103,188 | 43,658 |
| JW 5549/JW 5510 | 55,000 | 115,000 | 34,000 |
| 5566/5535 | 55,562 | 122,238 | 43,658 |
| 5566/62-5535 | 62,000 | 122,238 | 43,658 |
| JF 6049/JF 6010 | 60,000 | 115,000 | 40,000 |
| JW 6049/JW 6010 | 60,000 | 125,000 | 37,000 |
| A 6075/A 6157 | 19,050 | 39,992 | 12,014 |
| 6280/6220 | 53,975 | 127,000 | 50,800 |
| 6379/6320 | 65,088 | 135,755 | 53,975 |
| 6386/6320 | 66,675 | 135,755 | 53,975 |
| 6461/6420 | 76,200 | 149,225 | 53,975 |
| ^N 6461 A/6420 | 76,200 | 149,220 | 53,970 |
| JD 6549/JD 6510 | 65,000 | 110,000 | 31,000 |
| 6580/6535 | 88,900 | 161,925 | 53,975 |
| JF 7049/JF 7010 | 70,000 | 130,000 | 43,000 |
| JF 7049 A/JF 7010 | 70,000 | 130,000 | 43,000 |
| JW 7049/JW 7010 | 70,000 | 140,000 | 39,000 |
| JW 8049/JW 8010 | 80,000 | 160,000 | 45,000 |
| 9278/9220 | 68,262 | 161,925 | 49,212 |

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Series pulgadas

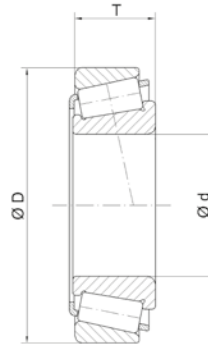


| Fersa | d (mm) | D (mm) | T (mm) |
|----------------------|---------|---------|--------|
| 9285/9220 | 76,200 | 161,925 | 49,212 |
| JF 9549/JF 9510 | 95,000 | 160,000 | 46,000 |
| 02474/02420 | 28,575 | 68,262 | 22,225 |
| 02475/02420 | 31,750 | 68,262 | 22,225 |
| 02872/02820 | 28,575 | 73,025 | 22,225 |
| 05066/05185 | 16,993 | 47,000 | 14,382 |
| 07087/07204 | 22,225 | 51,994 | 15,011 |
| 07087/07210 X | 22,225 | 50,800 | 15,011 |
| 07087 X/07204 | 22,225 | 51,994 | 15,011 |
| 07087 X/07210 X | 22,225 | 50,800 | 15,011 |
| 07097/07204 | 25,000 | 51,994 | 15,011 |
| 07100/07196 | 25,400 | 50,005 | 13,495 |
| 07100/07204 | 25,400 | 51,994 | 15,011 |
| 07100 S/07196 | 25,400 | 50,005 | 13,495 |
| 07100 S/07210 X | 25,400 | 50,800 | 15,011 |
| 09067/09195 | 19,050 | 49,225 | 18,034 |
| 09067/09196 | 19,050 | 49,225 | 21,209 |
| 09074/09194 | 19,050 | 49,225 | 23,020 |
| 09074/09195 | 19,050 | 49,225 | 19,845 |
| 09074/09196 | 19,050 | 49,225 | 23,020 |
| 09081/09195 | 20,625 | 49,225 | 19,845 |
| 09081/09196 | 20,625 | 49,225 | 23,020 |
| JF 10049/JF 10010 | 100,000 | 165,000 | 47,000 |
| JP 10049/JP 10010 | 100,000 | 145,000 | 24,000 |
| 11162/11300 | 41,275 | 76,200 | 18,009 |
| 11163/11300 | 41,275 | 76,200 | 18,009 |
| 11590/11520 | 15,875 | 42,862 | 14,288 |
| LM 11749/LM 11710 | 17,462 | 39,878 | 13,843 |
| LM 11949/LM 11910 | 19,050 | 45,237 | 15,494 |
| LM 11949 RS/LM 11910 | 19,050 | 45,237 | 15,494 |
| JP 12049/JP 12010 | 120,000 | 170,000 | 27,000 |
| JP 12049 A/JP 12010 | 120,000 | 170,000 | 27,000 |
| M 12649/M 12610 | 21,430 | 50,005 | 17,526 |
| M 12649 F/M 12610 F | 21,430 | 50,005 | 17,026 |
| LM 12748/LM 12710 | 21,430 | 45,237 | 15,494 |
| LM 12749/LM 12710 | 21,986 | 45,237 | 15,494 |

| Fersa | d (mm) | D (mm) | T (mm) |
|-------------------|---------|---------|--------|
| LM 12749/LM 12711 | 21,986 | 45,974 | 15,494 |
| JP 13049/JP 13010 | 130,000 | 185,000 | 29,000 |
| 13685/13621 | 38,100 | 69,012 | 19,050 |
| 13686/13620 | 38,100 | 69,012 | 26,195 |
| 13687/13620 | 38,100 | 69,012 | 19,050 |
| 13687/13621 | 38,100 | 69,012 | 19,050 |
| 13889/13836 | 38,100 | 65,088 | 12,700 |
| 14116/14276 | 30,226 | 69,012 | 19,845 |
| 14118/14274 | 30,000 | 69,012 | 19,845 |
| 14118/14283 | 30,000 | 72,085 | 22,385 |
| 14123 AA/14274 | 31,750 | 69,012 | 26,983 |
| 14123 AA/14276 | 31,750 | 69,012 | 26,983 |
| 14125 A/14274 | 31,750 | 69,012 | 19,845 |
| 14125 A/14276 | 31,750 | 69,012 | 19,845 |
| 14125 A/14283 | 31,750 | 72,085 | 22,385 |
| 14130/14274 | 33,338 | 69,012 | 19,845 |
| 14130/14276 | 33,338 | 69,012 | 19,845 |
| 14131/14274 | 33,338 | 69,012 | 19,845 |
| 14131/14276 | 33,338 | 69,012 | 19,845 |
| 14136 A/14276 | 34,925 | 69,012 | 26,983 |
| 14137 A/14274 | 34,925 | 69,012 | 19,845 |
| 14137 A/14276 | 34,925 | 69,012 | 19,845 |
| 14137 AS/14276 | 34,925 | 69,012 | 19,845 |
| 14138 A/14274 | 34,925 | 69,012 | 19,845 |
| 14138 A/14276 | 34,925 | 69,012 | 19,845 |
| 14138 A/14283 | 34,925 | 72,085 | 22,385 |
| 14585/14525 | 34,925 | 68,262 | 20,638 |
| 15100/15245 | 25,400 | 62,000 | 19,050 |
| 15100/15250 | 25,400 | 63,500 | 20,638 |
| 15100/15250 X | 25,400 | 63,500 | 20,638 |
| 15101/15245 | 25,400 | 62,000 | 19,050 |
| 15101/15250 | 25,400 | 63,500 | 20,638 |
| 15101/15250 X | 25,400 | 63,500 | 20,638 |
| 15103 S/15243 | 26,162 | 61,912 | 19,050 |
| 15103 S/15245 | 26,162 | 62,000 | 19,050 |
| 15106/15245 | 26,988 | 62,000 | 19,050 |

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Series pulgadas

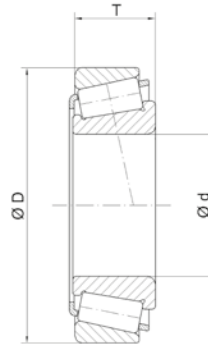


| Fersa | d (mm) | D (mm) | T (mm) |
|---------------|--------|--------|--------|
| 15106/15250 | 26,988 | 63,500 | 20,638 |
| 15106/15250 X | 26,988 | 63,500 | 20,638 |
| 15112/15245 | 28,575 | 62,000 | 19,050 |
| 15112/15250 | 28,575 | 63,500 | 20,638 |
| 15112/15250 X | 28,575 | 63,500 | 20,638 |
| 15117/15245 | 29,987 | 62,000 | 19,050 |
| 15118/15245 | 30,213 | 62,000 | 19,050 |
| 15118/15250 | 30,213 | 63,500 | 20,638 |
| 15118/15250 X | 30,213 | 63,500 | 20,638 |
| 15120/15250 X | 30,213 | 63,500 | 20,638 |
| 15123/15244 | 31,750 | 62,000 | 19,749 |
| 15123/15245 | 31,750 | 62,000 | 18,161 |
| 15123/15250 X | 31,750 | 63,500 | 19,749 |
| 15125/15245 | 31,750 | 62,000 | 19,050 |
| 15126/15245 | 31,750 | 62,000 | 19,050 |
| 15126/15250 | 31,750 | 63,500 | 20,638 |
| 15126/15250 X | 31,750 | 63,500 | 20,638 |
| 15578/15520 | 25,400 | 57,150 | 17,462 |
| 15579 X/15520 | 25,987 | 57,150 | 17,462 |
| 15580/15520 | 26,988 | 57,150 | 17,462 |
| J 15585/15520 | 28,000 | 57,150 | 17,462 |
| 16150/16284 | 38,100 | 72,238 | 20,638 |
| 17887/17831 | 45,230 | 79,985 | 19,842 |
| 18590/18520 | 41,275 | 73,025 | 16,667 |
| 18690/18620 | 46,038 | 79,375 | 17,462 |
| 18790/18720 | 50,800 | 85,000 | 17,462 |
| 19150/19268 | 38,100 | 68,262 | 15,875 |
| 21075/21212 | 19,050 | 53,975 | 22,225 |
| 23690/23620 | 34,925 | 73,025 | 26,988 |
| 24780/24720 | 41,275 | 76,200 | 22,225 |
| 24780/24721 | 41,275 | 76,200 | 25,400 |
| 24781/24720 | 41,275 | 76,200 | 22,225 |
| 24781/24721 | 41,275 | 76,200 | 25,400 |
| 25576/25520 | 42,862 | 82,931 | 23,812 |
| 25577/25520 | 42,875 | 82,931 | 23,812 |
| 25577/25521 | 42,875 | 83,058 | 23,812 |

| Fersa | d (mm) | D (mm) | T (mm) |
|----------------------------|--------|---------|--------|
| 25577/25522 | 42,875 | 83,058 | 23,876 |
| 25577/25523 | 42,875 | 82,931 | 26,988 |
| 25578/25520 | 42,862 | 82,931 | 23,812 |
| 25578/25521 | 42,862 | 83,058 | 23,812 |
| 25578/25522 | 42,862 | 83,058 | 23,876 |
| 25578/25523 | 42,862 | 82,931 | 26,988 |
| 25580/25520 | 44,450 | 82,931 | 23,812 |
| 25580/25521 | 44,450 | 83,058 | 23,812 |
| 25580/25522 | 44,450 | 83,058 | 23,876 |
| 25580/25523 | 44,450 | 82,931 | 26,988 |
| 25581/25520 | 44,450 | 82,931 | 23,813 |
| 25584/25520 | 44,983 | 82,931 | 23,812 |
| 25584/25521 | 44,983 | 83,058 | 23,813 |
| 25584/25547 RB | 44,983 | 99,995 | 25,400 |
| 25584 A/25520 | 44,987 | 82,931 | 23,812 |
| 25590/25520 | 45,618 | 82,931 | 23,812 |
| 25590/25521 | 45,618 | 83,058 | 23,812 |
| 25590/25522 | 45,618 | 83,058 | 23,876 |
| 25590/25523 | 45,618 | 82,931 | 26,988 |
| 25877/25820 | 34,925 | 73,025 | 23,812 |
| 25877/25821 | 34,925 | 73,025 | 23,812 |
| 25878/25820 | 34,925 | 73,025 | 23,812 |
| 25880/25820 | 36,487 | 73,025 | 23,812 |
| 25880/25821 | 36,487 | 73,025 | 23,812 |
| JL 26749 F/JL 26710 | 32,000 | 53,000 | 14,500 |
| 26878/26823 | 38,100 | 76,200 | 25,400 |
| 26882/26820 | 41,275 | 80,167 | 25,400 |
| 26882/26822 | 41,275 | 79,375 | 23,812 |
| 26882 T/26822 | 41,275 | 79,375 | 23,812 |
| 26884/26823 | 42,875 | 76,200 | 25,400 |
| 27680/27620 | 73,025 | 125,412 | 25,400 |
| 27687/27620 | 82,550 | 125,412 | 25,400 |
| 27690/27620 | 83,345 | 125,412 | 25,400 |
| N 27695/27620 | 85,000 | 125,412 | 25,400 |
| 28137/28317 | 34,925 | 80,035 | 21,433 |
| 28579/28520 | 49,987 | 89,980 | 24,750 |

01.2 \ Inch series

Series pulgadas

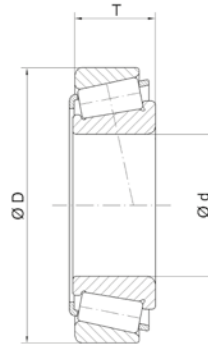


| Fersa | d (mm) | D (mm) | T (mm) |
|----------------------|--------|---------|--------|
| 28580/28520 | 50,800 | 89,980 | 24,750 |
| 28580/28521 | 50,800 | 92,075 | 24,608 |
| 28580/28527 RB | 50,800 | 99,995 | 24,607 |
| 28584/28521 | 52,388 | 92,075 | 24,608 |
| N 28680/28622 | 55,560 | 97,630 | 24,600 |
| 28682/28621 | 57,150 | 96,838 | 24,608 |
| 28682/28622 | 57,150 | 97,630 | 24,608 |
| 28985/28920 | 60,325 | 101,600 | 25,400 |
| 28985/28921 | 60,325 | 100,000 | 25,400 |
| 29585/29520 | 63,500 | 107,950 | 25,400 |
| 29586/29520 | 63,500 | 107,950 | 25,400 |
| 29586/29522 | 63,500 | 107,950 | 25,400 |
| 29590/29520 | 66,675 | 107,950 | 25,400 |
| 29590/29522 | 66,675 | 107,950 | 25,400 |
| 29675/29620 | 69,850 | 112,712 | 25,400 |
| 29685/29620 | 73,025 | 112,712 | 25,400 |
| 29688/29620 | 73,817 | 112,712 | 25,400 |
| LM 29748/LM 29710 | 38,100 | 65,088 | 18,034 |
| LM 29748/LM 29711 | 38,100 | 65,088 | 18,034 |
| LM 29749/LM 29710 | 38,100 | 65,088 | 18,034 |
| LM 29749/LM 29711 | 38,100 | 65,088 | 19,812 |
| 31593/31520 | 34,925 | 76,200 | 29,370 |
| 31594/31520 | 34,925 | 76,200 | 29,370 |
| 33262/33462 | 66,675 | 117,475 | 30,162 |
| 33262 A/33461 | 66,675 | 117,475 | 30,163 |
| 33275/33462 | 69,850 | 117,475 | 30,162 |
| 33275/33472 | 69,850 | 120,000 | 29,794 |
| 33281/33462 | 71,438 | 117,475 | 30,162 |
| 33281/33472 | 71,438 | 120,000 | 29,794 |
| 33287/33462 | 73,025 | 117,475 | 30,162 |
| 33287/33472 | 73,025 | 120,000 | 29,794 |
| 33885/33822 | 44,450 | 95,250 | 27,783 |
| 33889/33821 | 50,800 | 95,250 | 27,783 |
| 33889/33822 | 50,800 | 95,250 | 27,783 |
| 33891/33821 | 52,388 | 95,250 | 27,783 |
| 33895/33821 | 53,975 | 95,250 | 27,783 |

| Fersa | d (mm) | D (mm) | T (mm) |
|--------------------|---------------|---------------|---------------|
| 33895/33822 | 53,975 | 95,250 | 27,783 |
| 34300/34478 | 76,200 | 121,442 | 24,608 |
| 34300/34500 | 76,200 | 127,000 | 26,988 |
| 34301/34500 | 76,200 | 127,000 | 26,988 |
| 34306/34478 | 77,788 | 121,442 | 24,608 |
| 37425/37625 | 107,950 | 158,750 | 23,020 |
| 37425 T/37625 T | 107,950 | 158,750 | 23,020 |
| 37431/37625 | 109,538 | 158,750 | 23,020 |
| 37431 A/37625 | 109,538 | 158,750 | 23,020 |
| 39250/39412 | 63,500 | 104,775 | 21,433 |
| 39580/39520 | 57,150 | 112,712 | 30,162 |
| 39580/39528 | 57,150 | 119,985 | 32,750 |
| 39581/39520 | 57,150 | 112,712 | 30,162 |
| 39585/39520 | 63,500 | 112,712 | 30,162 |
| 39590/39520 | 66,675 | 112,712 | 30,162 |
| 41125/41286 | 28,575 | 72,626 | 24,608 |
| 42350/42584 | 88,900 | 148,430 | 28,575 |
| 42362/42584 | 92,075 | 148,430 | 28,575 |
| 42368/42584 | 93,662 | 148,430 | 28,575 |
| 42381/42584 | 96,838 | 148,430 | 28,575 |
| 42688/42620 | 76,200 | 127,000 | 30,162 |
| 44162/44348 | 41,275 | 88,500 | 25,400 |
| L 44643/L 44610 | 25,400 | 50,292 | 14,224 |
| L 44643 RS/L 44610 | 25,400 | 50,292 | 14,224 |
| L 44645/L 44613 | 25,987 | 51,986 | 15,011 |
| L 44649/L 44610 | 26,988 | 50,292 | 14,224 |
| 45284/45220 | 50,800 | 104,775 | 30,162 |
| 45285 A/45220 | 50,800 | 104,775 | 30,162 |
| 45285 A/45221 | 50,800 | 104,775 | 30,162 |
| 45289/45220 | 57,150 | 104,775 | 30,162 |
| L 45449/L 45410 | 29,000 | 50,292 | 14,224 |
| 47487/47420 | 69,850 | 120,000 | 32,545 |
| 47490/47420 | 71,438 | 120,000 | 32,545 |
| 47686/47620 | 82,550 | 133,350 | 33,338 |
| 47890/47820 | 92,075 | 146,050 | 33,338 |
| 48190/48120 | 107,950 | 161,925 | 34,925 |

01.2\ Inch series

Series pulgadas

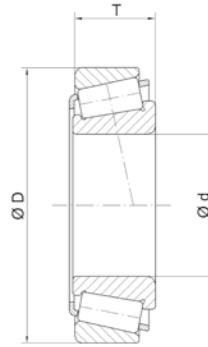


| Fersa | d (mm) | D (mm) | T (mm) |
|------------------------|---------|---------|--------|
| 48290/48220 | 127,000 | 182,562 | 39,689 |
| 48385/48320 | 133,350 | 190,500 | 39,687 |
| 48684/48620 | 142,875 | 200,025 | 41,275 |
| LM 48548/LM 48510 | 34,925 | 65,088 | 18,034 |
| LM 48548/LM 48514 XP | 34,925 | 68,262 | 18,034 |
| LM 48548 RS/LM 48510 | 34,925 | 65,088 | 18,034 |
| 49162/49368 | 41,275 | 93,662 | 31,750 |
| 49175/49368 | 44,450 | 93,662 | 31,750 |
| 49585/49520 | 50,800 | 101,600 | 31,750 |
| 52400/52618 | 101,600 | 157,162 | 36,512 |
| 53176/53375 | 44,450 | 95,250 | 30,958 |
| 53177/53375 | 44,450 | 95,250 | 30,958 |
| 53178/53377 | 44,450 | 95,250 | 30,958 |
| 55175 C/55437 | 44,450 | 111,125 | 30,162 |
| 55187 C/55437 | 47,625 | 111,125 | 30,162 |
| 55200 C/55437 | 50,800 | 111,125 | 30,162 |
| 55206 C/55437 | 52,388 | 111,125 | 30,162 |
| 56425/56650 | 107,950 | 165,100 | 36,512 |
| 59162/59412 | 41,275 | 104,775 | 36,512 |
| 59175/59412 | 44,450 | 104,775 | 36,512 |
| 64450/64700 | 114,300 | 177,800 | 41,275 |
| 65237/65500 | 60,325 | 127,000 | 44,450 |
| 66589/66520 | 59,972 | 122,238 | 33,338 |
| LM 67048/LM 67010 | 31,750 | 59,131 | 15,875 |
| LM 67048/LM 67014 | 31,750 | 61,986 | 15,875 |
| LM 67048/LM 67014 X | 31,750 | 61,986 | 15,875 |
| LM 67048 RS/LM 67010 | 31,750 | 59,131 | 15,875 |
| LM 67049/LM 67011 | 31,750 | 59,131 | 17,780 |
| LM 67049 A/LM 67010 | 31,750 | 59,131 | 15,875 |
| LM 67049 A/LM 67014 | 31,750 | 61,986 | 15,875 |
| LM 67049 AX/LM 67010 X | 31,750 | 59,131 | 15,875 |
| 67391/67322 | 133,350 | 196,850 | 46,038 |
| 67885/67820 | 190,500 | 266,700 | 47,625 |
| JL 68145/JL 68111 Z | 35,000 | 60,000 | 15,875 |
| L 68149/L 68110 | 34,987 | 59,131 | 15,875 |
| L 68149/L 68111 | 34,987 | 59,975 | 15,875 |

| Fersa | d (mm) | D (mm) | T (mm) |
|------------------------|---------|---------|--------|
| L 68149/L 68116 | 34,987 | 65,088 | 15,875 |
| L 68149 R/L 68110 | 34,987 | 59,131 | 15,875 |
| 68462/68712 | 117,475 | 180,975 | 34,925 |
| JL 69345/JL 69310 | 38,000 | 63,000 | 17,000 |
| JL 69345/JL 69310 Z | 38,000 | 63,000 | 17,000 |
| JL 69349/JL 69310 | 38,000 | 63,000 | 17,000 |
| 69354/69630 | 89,992 | 160,096 | 30,124 |
| 72187/72487 | 47,625 | 123,825 | 36,512 |
| 72200 C/72487 | 50,800 | 123,825 | 36,512 |
| 72212/72487 | 53,975 | 123,825 | 36,512 |
| 72212 C/72487 | 53,975 | 123,825 | 36,512 |
| 74500/74850 | 127,000 | 215,900 | 47,625 |
| N 78215 C/78551 | 53,975 | 140,030 | 36,513 |
| 78225 C/78551 | 57,150 | 140,030 | 36,513 |
| LM 78349/LM 78310 A | 34,987 | 61,975 | 16,700 |
| HM 81649/HM 81610 | 15,987 | 46,975 | 21,000 |
| M 84249/M 84210 | 25,400 | 59,530 | 23,368 |
| M 84548/M 84510 | 25,400 | 57,150 | 19,431 |
| M 86647/M 86610 | 28,575 | 64,292 | 21,433 |
| M 86648 A/M 86610 | 30,955 | 64,292 | 21,432 |
| M 86649/M 86610 | 30,162 | 64,292 | 21,433 |
| M 88043/M 88010 | 30,162 | 68,262 | 22,225 |
| M 88043/M 88011 | 30,162 | 68,262 | 22,225 |
| M 88046/M 88010 | 31,750 | 68,262 | 22,225 |
| M 88048/M 88010 | 33,338 | 68,262 | 22,225 |
| M 88048/M 88011 | 33,338 | 68,262 | 22,225 |
| JHM 88540/JHM 88513 | 30,000 | 72,000 | 29,370 |
| HM 88542/HM 88510 | 31,750 | 73,025 | 29,370 |
| HM 88547/HM 88510 | 33,338 | 73,025 | 29,370 |
| HM 88648/HM 88610 | 35,717 | 72,233 | 25,400 |
| HM 88649/HM 88610 | 34,925 | 72,233 | 25,400 |
| HM 89443/HM 89410 | 33,338 | 76,200 | 29,370 |
| HM 89446/HM 89410 | 34,925 | 76,200 | 29,370 |
| HM 89448/HM 89410 | 36,512 | 76,200 | 29,370 |
| HM 89449/HM 89410 | 36,512 | 76,200 | 29,370 |
| LM 102949/LM 102910 | 45,242 | 73,431 | 19,558 |

01.2\ Inch series

Series pulgadas

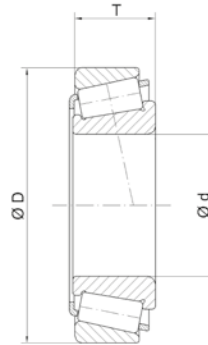


| Fersa | d (mm) | D (mm) | T (mm) |
|-----------------------|---------|---------|--------|
| LM 102949/LM 102911 | 45,242 | 73,431 | 21,430 |
| JLM 104945/JLM 104910 | 50,000 | 82,000 | 21,500 |
| JLM 104946/JLM 104910 | 50,000 | 82,000 | 21,500 |
| JLM 104948/JLM 104910 | 50,000 | 82,000 | 21,500 |
| JLM 104948/LM 104911 | 50,000 | 82,550 | 21,500 |
| LM 104949/JLM 104910 | 50,800 | 82,000 | 21,976 |
| LM 104949/LM 104911 | 50,800 | 82,550 | 21,590 |
| LM 104949/LM 104911 A | 50,800 | 82,550 | 21,976 |
| LM 104949/LM 104912 | 50,800 | 82,931 | 21,590 |
| HM 204043/HM 204010 | 39,987 | 90,975 | 32,000 |
| JM 205149/JM 205110 | 50,000 | 90,000 | 28,000 |
| JM 205149 A/JM 205110 | 50,000 | 90,000 | 28,000 |
| JM 207049/JM 207010 | 55,000 | 95,000 | 29,000 |
| JM 207049 A/JM 207010 | 55,000 | 95,000 | 29,000 |
| JH 211749/JH 211710 | 65,000 | 120,000 | 39,000 |
| HM 212044/HM 212011 | 60,325 | 122,238 | 38,100 |
| HM 212047/HM 212011 | 63,500 | 122,238 | 38,100 |
| HM 212049/HM 212010 | 66,675 | 122,238 | 38,100 |
| HM 212049/HM 212011 | 66,675 | 122,238 | 38,100 |
| H 212749/H 212710 | 65,987 | 123,975 | 41,500 |
| HM 215249/HM 215210 | 75,987 | 131,975 | 39,000 |
| LL 217849/LL 217810 | 88,900 | 121,442 | 15,083 |
| HM 218248/HM 218210 | 89,974 | 146,975 | 40,000 |
| HM 220149/HM 220110 | 99,975 | 156,975 | 42,000 |
| LL 225749/LL 225710 | 127,000 | 165,895 | 18,258 |
| LM 300849/LM 300811 | 40,987 | 67,975 | 17,500 |
| JHM 318448/JHM 318410 | 90,000 | 155,000 | 44,000 |
| L 319249/L 319210 | 95,250 | 130,175 | 20,638 |
| LL 319349/LL 319310 | 95,250 | 128,587 | 15,875 |
| LM 330448/LM 330410 | 152,400 | 203,200 | 41,275 |
| H 414242/H 414210 | 66,675 | 136,525 | 41,275 |
| H 414245 X/H 414210 | 68,262 | 136,525 | 41,275 |
| JH 415647/JH 415610 | 75,000 | 145,000 | 51,000 |
| LM 501349/LM 501310 | 41,275 | 73,431 | 19,558 |
| LM 501349/LM 501314 | 41,275 | 73,431 | 21,430 |
| LM 503349/LM 503310 | 45,987 | 74,976 | 18,000 |

| Fersa | d (mm) | D (mm) | T (mm) |
|-------------------------|---------|---------|--------|
| LM 503349 A/LM 503310 | 45,987 | 74,976 | 18,000 |
| JLM 506849/JLM 506810 | 55,000 | 90,000 | 23,000 |
| JLM 506849 A/JLM 506811 | 55,000 | 90,000 | 25,000 |
| JLM 508748/JLM 508710 | 60,000 | 95,000 | 24,000 |
| JM 511945/3920 | 65,000 | 112,712 | 29,020 |
| JM 511945/JM 511910 | 65,000 | 110,000 | 28,000 |
| JM 511946/JM 511910 | 65,000 | 110,000 | 28,000 |
| HM 516449 C/HM 516410 | 82,550 | 133,350 | 39,688 |
| JHM 516849/JHM 516810 | 85,000 | 140,000 | 39,000 |
| HM 518445/HM 518410 | 88,900 | 152,400 | 39,688 |
| L 521949/L 521910 | 107,950 | 146,050 | 21,433 |
| JHM 522649/JHM 522610 | 110,000 | 180,000 | 47,000 |
| JM 515649/JM 515610 | 80,000 | 130,000 | 35,000 |
| LM 603049/LM 603011 | 45,242 | 77,788 | 19,842 |
| LM 603049/LM 603012 | 45,242 | 77,788 | 21,430 |
| LM 603049/LM 603014 | 45,242 | 79,975 | 19,842 |
| JM 612949/JM 612910 | 70,000 | 115,000 | 29,000 |
| L 623149/L 623110 | 114,300 | 152,400 | 21,432 |
| JLM 704649/JLM 704610 | 50,000 | 84,000 | 22,000 |
| JLM 710949 C/JLM 710910 | 65,000 | 105,000 | 24,000 |
| L 713049/L 713010 | 69,850 | 101,600 | 19,050 |
| JLM 714149/JLM 714110 | 75,000 | 115,000 | 25,000 |
| JM 714249/JM 714210 | 75,000 | 120,000 | 31,000 |
| H 715332/H 715311 | 60,325 | 136,525 | 46,038 |
| H 715334/H 715311 | 61,912 | 136,525 | 46,038 |
| H 715336/H 715311 | 63,500 | 136,525 | 46,038 |
| H 715340/H 715311 | 65,088 | 136,525 | 46,038 |
| H 715341/H 715311 | 66,675 | 136,525 | 46,038 |
| H 715343/H 715311 | 68,262 | 136,525 | 46,038 |
| H 715345/H 715311 | 71,438 | 136,525 | 46,038 |
| JM 716649/JM 716610 | 85,000 | 130,000 | 30,000 |
| JM 718149/JM 718110 | 90,000 | 145,000 | 35,000 |
| JM 718149 A/JM 718110 | 90,000 | 145,000 | 35,000 |
| JM 719149/JM 719113 | 95,000 | 150,000 | 35,000 |
| JHM 720249/JHM 720210 | 100,000 | 160,000 | 41,000 |
| JM 720249/JM 720210 | 100,000 | 155,000 | 36,000 |

01.2 \ Inch series

Series pulgadas



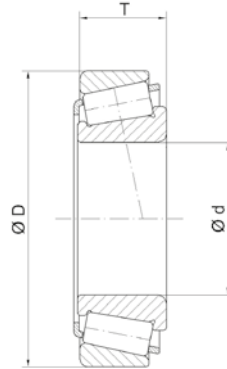
| Fersa | d (mm) | D (mm) | T (mm) |
|-----------------------|--------|---------|--------|
| HM 801346/HM 801310 | 38,100 | 82,550 | 29,370 |
| HM 801346 X/HM 801310 | 38,100 | 82,550 | 29,370 |
| M 802048/M 802011 | 41,275 | 82,550 | 26,543 |
| HM 803145/HM 803110 | 41,275 | 88,900 | 30,163 |
| HM 803146/HM 803110 | 41,275 | 88,900 | 30,162 |
| HM 803149/HM 803110 | 44,450 | 88,900 | 30,162 |
| HM 803149/HM 803112 | 44,450 | 92,075 | 30,162 |
| M 804048/M 804010 | 47,625 | 88,900 | 25,400 |
| M 804049/M 804010 | 47,625 | 88,900 | 25,400 |
| HM 804840/HM 804810 | 41,275 | 95,250 | 30,162 |
| HM 804843/HM 804810 | 44,450 | 95,250 | 30,162 |
| HM 804846/HM 804810 | 47,625 | 95,250 | 30,162 |
| LM 806649/LM 806610 | 53,975 | 88,900 | 19,050 |
| LM 806649/LM 806610 | 53,975 | 88,900 | 19,050 |
| HM 807040/HM 807010 | 44,450 | 104,775 | 36,512 |
| HM 807044/HM 807010 | 49,212 | 104,775 | 36,512 |
| JHM 807045/JHM 807012 | 50,000 | 105,000 | 37,000 |
| HM 807046/HM 807010 | 50,800 | 104,775 | 36,512 |
| HM 807048/HM 807010 | 54,487 | 104,775 | 36,512 |
| HM 807049/HM 807010 | 53,975 | 104,775 | 36,512 |
| JLM 813049/JLM 813010 | 70,000 | 110,000 | 26,000 |





































| Fersa | d (mm) | D (mm) | T (mm) |
|---------------------|---------|---------|--------|
| HM 813840/HM 813811 | 55,562 | 127,000 | 36,512 |
| HM 813841/HM 813810 | 60,325 | 127,000 | 36,512 |
| HM 813841/HM 813811 | 60,325 | 127,000 | 36,512 |
| HM 813842/HM 813810 | 63,500 | 127,000 | 36,512 |
| HM 813843/HM 813810 | 61,912 | 127,000 | 36,512 |
| HM 813849/HM 813810 | 71,438 | 127,000 | 36,512 |
| HM 813849/HM 813811 | 71,438 | 127,000 | 36,512 |
| L 814749/L 814710 | 76,200 | 109,538 | 19,050 |
| JL 819349/JL 819310 | 95,000 | 135,000 | 20,000 |
| HM 903245/HM 903210 | 41,275 | 95,250 | 30,958 |
| HM 903249/HM 903210 | 44,450 | 95,250 | 30,958 |
| HM 905843/HM 905810 | 44,987 | 104,986 | 32,512 |
| L 910349/L 910310 | 63,485 | 94,975 | 17,000 |
| HM 911244/HM 911210 | 59,987 | 130,175 | 34,100 |
| HM 911244/HM 911216 | 59,987 | 134,983 | 33,449 |
| HM 911245/HM 911210 | 60,325 | 130,175 | 36,512 |
| H 913842/H 913810 | 61,912 | 146,050 | 41,275 |
| H 913843/H 913810 | 61,912 | 146,050 | 41,275 |
| H 913849/H 913810 | 69,850 | 146,050 | 41,275 |
| H 924033/H 924010 | 101,600 | 214,312 | 55,562 |



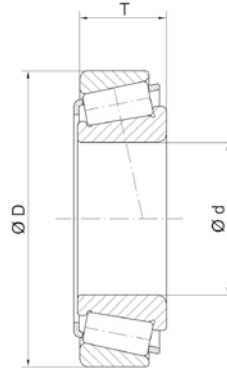
01.3 \ Special design bearings Serie especial










































| Fersa | d (mm) | D (mm) | T (mm) |
|-------------------------|--------|---------|--------|
| F 10053 | 68,262 | 115,000 | 30,162 |
| F 15001 | 25,000 | 62,000 | 18,250 |
| F 15002 | 30,000 | 72,000 | 20,750 |
| F 15003 | 40,987 | 67,975 | 17,500 |
| F 15007 | 60,000 | 92,500 | 23,000 |
| F 15008/F 15009 | 62,000 | 122,238 | 43,658 |
| L 814749/F 15010 | 76,200 | 110,000 | 19,050 |
| F 15014 | 35,000 | 80,000 | 22,750 |
| F 15023 | 28,000 | 67,000 | 20,500 |
| F 15028 | 22,000 | 41,000 | 14,500 |
| F 15029 | 29,000 | 50,292 | 14,224 |
| F 15036 | 35,000 | 60,000 | 15,875 |
| F 15040 | 35,000 | 60,000 | 13,000 |
| F 15046 | 60,000 | 130,000 | 39,000 |
| F 15047 | 50,800 | 100,000 | 35,000 |
| F 15048 | 75,000 | 180,000 | 63,500 |
| F 15051 C | 70,000 | 130,000 | 57,000 |
| F 15051 R | 70,000 | 130,000 | 57,000 |
| F 15054/3720 | 50,000 | 93,264 | 30,162 |

| Fersa | CROSS REF. | |  | | |
|-------------------------|-----------------------------|---|---|---|--|
| F 10053 | FAG | 540849 | | | |
| F 15001 | KOYO | TR 0506 R | | | |
| F 15002 | KOYO | TRA 0607 R |  |  | TOYOTA (Hiace) |
| F 15003 | KOYO | 57414 / LM 300811 |  |  | SUZUKI (SAMURAI SJ413) |
| F 15007 | SKF | BT1B328092 |  | | JOHN DEERE |
| F 15008/F 15009 | SKF | BT1B 332946 CL7C |  | | JOHN DEERE |
| L 814749/F 15010 | SKF | L 814749/BT1B 332589 |  | | JOHN DEERE |
| F 15014 | SKF | 30307XR N |  |  | SUZUKI |
| F 15023 | SKF | 639194 Q CL7A |  |  | LADA (2101 * 2102 * 2103 * 2105 * 2106 * 2107) |
| F 15028 | SKF TIMKEN | BCAB 326332B JL22349 /10 |  |  | FIAT (Palio * Siena) |
| F 15029 | SKF FAG TIMKEN IRB | BT1B 329013 A/Q 572428 XC110240CG / L45410 IR 2562 |  |  | FORD (Courier * Escort * Fiesta * Ikon * Microbus * Orion * Puma * Street) |
| F 15036 | SKF FAG KOYO IRB | BT1B332541AB / Q 540484 573315 IR 2043 |  |  | FORD (Escort * Escort Hobby * Sierra * Verona) |
| F 15040 | SKF FAG | BT1 328227 CA/Q 574821 A |  |  | FORD (ESCORT * Fiesta * ORION) |
| F 15046 | SKF FAG | 239697 Q 521471 A |  |  | SCANIA (R653) |
| F 15047 | SKF FAG TIMKEN | 331305A/Q 522380/33211 XGA 33211 |  |  | ZF (16S 1650) |
| F 15048 | FAG | 543562 |  |  | SCANIA (R770 * R780 * R782 * RP 835) MAN (HY 13110) |
| F 15051 C | FAG | 534565 |  |  | MERCEDES BENZ (ATEGO * AXOR * MK * NG * SK) |
| | | |  |  | MERCEDES BENZ (CITARO * CONECTO) |
| F 15051 R | SKF FAG | 331933 528983 |  |  | MAN (E 2000 * F 90 * F 2000 * M 90 * M 2000 * LION S COACH * LION S STAR) |
| F 15054/3720 | NSK KBC | 50KW01 3780 F1 |  |  | MITSUBISHI (Canter * Elantra) |

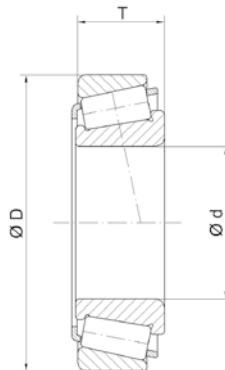
01.3 \ Special design bearings Serie especial







| Fersa | d (mm) | D (mm) | T (mm) |
|-------------------------|--------|---------|--------|
| F 15055/LM 29710 | 38,100 | 65,088 | 18,034 |
| F 15056 | 28,000 | 52,000 | 15,750 |
| F 15063 | 22,000 | 47,000 | 20,750 |
| F 15071 | 75,000 | 160,000 | 58,000 |
| F 15079 | 30,162 | 68,263 | 22,225 |
| F 15080 | 34,925 | 73,025 | 26,988 |
| F 15082 | 65,000 | 145,000 | 36,000 |
| F 15083 | 65,000 | 145,000 | 39,500 |
| F 15088 | 60,000 | 95,000 | 27,000 |
| F 15089 | 22,000 | 47,000 | 20,750 |
| F 15104 | 85,000 | 150,000 | 30,500 |
| F 15109 | 39,688 | 80,167 | 29,370 |
| F 15112 | 42,000 | 76,000 | 23,812 |
| F 15114 | 70,000 | 150,000 | 41,275 |
| F 15115 | 89,975 | 146,975 | 40,000 |
| F 15116 | 70,000 | 150,000 | 39,800 |
| F 15117 | 40,000 | 90,000 | 28,750 |
| F 15119 | 65,000 | 150,000 | 38,000 |
| F 15133 | 57,165 | 140,000 | 28,250 |
| F 15156 | 80,000 | 140,000 | 39,250 |
| F 15157 | 38,100 | 90,000 | 35,250 |
| F 15158 | 60,000 | 135,000 | 37,000 |

| Fersa | CROSS REF. | |  | | |
|-------------------------|-------------------|----------------------------------|---|---|--|
| F 15055/LM 29710 | NSK KBC | 38KW01C9 RCHL 38KW01C9 |  |  | HYUNDAI |
| F 15056 | NSK | 28KW0165SA |  |  | MITSUBISHI |
| F 15063 | SNR | EC 10059 |  |  | RENAULT |
| F 15071 | SKF FAG | BT1B243150 / QCL7C 540873 |  |  | VOLVO (EV90 * EV91) SCANIA (RBP830 * RBP831 * RBP 832 * RP830 * RP831 * RP 832) |
| F 15079 | SKF FAG | BT1B332674A 545062 |  |  | GENERAL MOTORS (Omega * Suprema) |
| F 15080 | SKF FAG | 330865C / 332046AD 511687 |  |  | GENERAL MOTORS (Omega * Suprema) |
| F 15082 | SKF FAG | 330633 C 509333 A |  |  | MERCEDES BENZ (HL5) |
| F 15083 | SKF FAG | 331075 521618 |  |  | MERCEDES BENZ (HL5) |
| F 15088 | NTN | CR 1252 |  |  | NISSAN (Junior) |
| F 15089 | SKF FAG SNR | 1861071 528935 EC 10059 |  |  | RENAULT (4 * 5) |
| F 15104 | SKF | 30217J2/QVB478 |  |  | ZF (16S 151 * 16S 181 * 16S 221 * 16S 251) |
| F 15109 | KOYO | 57620 |  |  | FULLER (RTLO 16918) |
| F 15112 | KOYO | ST 4276 C / ST 4276 A |  |  | FULLER (RTO 13707DLL) |
| F 15114 | TIMKEN | NP 550563/NP 546683 |  |  | ZF (AV 132) |
| F 15115 | FAG | 580779 A |  |  | FRUEHAUF (SMB) |
| F 15116 | SKF | BT1B 329012 |  |  | VOLVO (VT 2009 B * VT 2014 B * VT 2214 B * VTO 2214 B * VT 2514 B * VTO 2514 OD * VT 2814 B * VTO 2814 B) |
| F 15117 | SKF | BT1 0097 C |  | ST | VOLVO (FH * NH) |
| F 15119 | SKF | BT1B 328406 A / 30314 / QVB01 |  |  | SCANIA (GR 801 * GR 875 * GR 900 * GRS 895 * GRS 900 * GRS 905) |
| F 15133 | TIMKEN | NP 988748 / NP 247732 |  |  | MERCEDES BENZ / G 100 12) |
| F 15156 | FAG | 804358 |  |  | VOLVO (VM17 * VM23) |
| F 15157 | FAG | 543805 |  | KP | VOLVO |
| F 15158 | FAG | 562830 A |  |  | MERCEDES BENZ (HD4 * HL4) |

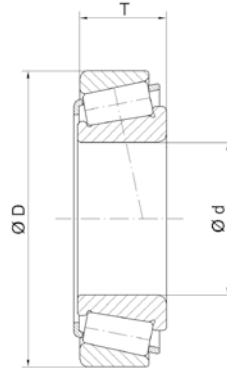
01.3 \ Special design bearings Serie especial





| Fersa | d (mm) | D (mm) | T (mm) |
|---------|---------|---------|--------|
| F 15159 | 65,000 | 165,000 | 40,000 |
| F 15165 | 109,538 | 158,750 | 23,020 |
| F 15183 | 65,000 | 165,000 | 36,000 |
| F 15184 | 62,000 | 147,000 | 50,000 |
| F 15190 | 75,000 | 140,000 | 34,250 |
| F 15193 | 70,000 | 150,000 | 64,000 |
| F 15197 | 35,000 | 72,000 | 24,000 |
| F 15199 | 20,000 | 52,000 | 19,250 |
| F 15200 | 100,000 | 160,000 | 42,000 |
| F 15201 | 50,000 | 83,000 | 20,500 |
| F 15202 | 35,000 | 89,000 | 38,000 |
| F 15203 | 30,000 | 72,000 | 24,000 |
| F 15208 | 99,975 | 156,975 | 42,000 |
| F 15239 | 105,000 | 160,000 | 43,000 |
| F 15245 | 60,000 | 130,000 | 33,800 |
| F 15252 | 82,000 | 140,000 | 36,500 |
| F 15253 | 65,000 | 152,000 | 48,000 |
| F 15254 | 70,000 | 165,000 | 57,000 |
| F 15255 | 60,000 | 150,000 | 51,000 |
| F 15256 | 55,000 | 140,000 | 45,000 |

| Fersa | CROSS REF. | |  | |
|---------|---------------|----------------------------------|---|--|
| F 15159 | FAG | 575725.F51 |  |  MERCEDES BENZ (HD4 * HL4 * HO4) |
| F 15165 | FAG | 548866 A |  |  ZF (APL 345 * 35) |
| F 15183 | FAG | Z 540669.TR1PW |  |  MERCEDES BENZ (HD4 * HL4 * HO4) |
| F 15184 | SKF FAG | BT1B 639425 579381 |  |  SCANIA (R 560 * R 660 * RB 660 * RB 662 * RP 730 * RP 731 * RP 735 * RV 761) |
| F 15190 | FAG | Z 580616 TR1 |  |   MERCEDES BENZ (G211 16 * G230 12 * G 231 16 * G241 16 * G280 16 * G281 12 * G330 12) |
| F 15193 | SKF FAG | VKHB 2280 / BT1 008 572813 4 |  |  MERCEDES BENZ (ACTROS MP2 * MP3 * AXOR * AXOR 2) |
| F 15197 | TIMKEN | NP 353549 / NP 673396 |  |  LAND ROVER (Defender) |
| F 15199 | KOYO | 57355 |  |  NISSAN (Sentra * Tsuru) |
| F 15200 | FAG | T5ED100.576376 |  |  DAF (1347) |
| F 15201 | KOYO | TR 100802 |  |  TOYOTA (Hiace * Hilux) |
| | | |  |  TOYOTA (Burbuja) |
| F 15202 | KOYO | TR 070904 1 |  |  TOYOTA (Fortune * Hiace * Hilux * Landcruiser) |
| F 15203 | KOYO | STA 3072 |  |  TOYOTA (Hiace * Hilux) |
| F 15208 | SKF FAG | VKHB 2329 567549 |  |  MERCEDES BENZ (ACTROS) |
| | | |  |  MAN (E 2000 * F 90 * F 2000 * M 90 * M 2000) |
| F 15239 | SKF FAG | 33021 / QVB 401 33021. 580938 |  |  MAN (LION S COACH * LION S STAR) |
| | | |  |  MERCEDES BENZ (G211 16 * G230 12 * G 231 16 * G241 16 * G280 16 * G281 12 * G330 12) |
| F 15245 | NTN | ECO CR 12A 06 1 |  |  MERCEDES BENZ (G211 16 * G230 12 * G 231 16 * G241 16 * G280 16 * G281 12 * G330 12) |
| F 15252 | TIMKEN SKF | NP 569484/NP 644537 BT1-0163 |  |  ROR (LM) |
| F 15253 | FAG | 801794 B |  |  MERCEDES BENZ (HL6 * HL7 * HL8) |
| F 15254 | FAG | 805015/801400 |  |  MERCEDES BENZ (HL6) |
| F 15255 | FAG | 805096 |  |  MERCEDES BENZ (HD4 * HL4) MAN (HY-0925 * HY-1130) |
| F 15256 | FAG | 805097 |  |  MERCEDES BENZ (HD4 * HL4) |

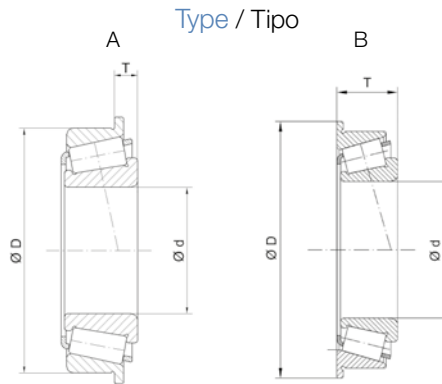
01.3 \ Special design bearings Serie especial































| Fersa | d (mm) | D (mm) | T (mm) |
|------------------|---------|---------|--------|
| F 15257 | 80,000 | 165,000 | 57,000 |
| F 15258 | 60,000 | 100,000 | 30,000 |
| N F 15266 | 85,000 | 150,000 | 38,500 |
| N F 15267 | 100,000 | 160,000 | 44,000 |
| N F 15270 | 60,000 | 125,000 | 37,000 |
| N F 15271 | 70,000 | 150,000 | 74,000 |
| F 15272 | 106,000 | 160,000 | 35,000 |
| F 15273 | 60,000 | 115,000 | 39,000 |
| F 15278 | 42,000 | 92,075 | 24,607 |
| N F 15279 | 101,600 | 160,000 | 35,000 |
| N F 15280 | 44,983 | 112,712 | 34,512 |
| N F 15291 | 76,200 | 171,450 | 49,212 |
| N F 15295 | 53,975 | 95,200 | 34,400 |
| N F 15298 | 60,000 | 130,000 | 35,250 |
| N F 15304 | 63,500 | 107,950 | 25,400 |
| N F 15308 | 26,988 | 50,292 | 14,224 |
| N F 15309 | 30,000 | 62,000 | 20,000 |
| N F 15313 | 25,000 | 62,000 | 17,250 |
| N F 15314 | 45,000 | 88,000 | 16,750 |
| N F 15315 | 25,000 | 55,000 | 13,750 |
| N F 15316 | 25,000 | 66,000 | 22,050 |

| Fersa | | CROSS REF. | |   | | |
|----------|----------------|----------------------|--|---|---|---|
| | F 15257 | FAG | 801400/801400 |  |  | MERCEDES BENZ (HL7 * HL8) MAN (HY-1344 * HY-1350 * HYD-1370) |
| | F 15258 | FAG | 523361 |  |  | MERCEDES BENZ (HL2) |
| N | F 15266 | FAG | F-805576.04 |  |  | VOLVO (AT2412C * AT2512C) |
| N | F 15267 | FAG | 805312 |  |  | MERCEDES BENZ (ACTROS MP2 * MP3) |
| N | F 15270 | FAG | 805050 |  |  | MERCEDES BENZ (HL2) |
| N | F 15271 | FAG SKF TIMKEN | 801785 VKHB 2307 SET 1328 |  |  | MERCEDES BENZ (ACTROS MP2 * MP3) |
| | F 15272 | FAG SKF | 528595 331974 |  |  | MAN (TGA * TGS) MERCEDES BENZ (ACTROS MP2 * MP3) |
| | F 15273 | FAG | 581541 |  |  | MERCEDES BENZ (HO7) SCANIA (RB662 * RBP735 * RBP736) |
| | F 15278 | KOYO | 57508 L2/28521 |  |  | ZF (S5-420) |
| N | F 15279 | SKF TIMKEN | BT1 0779 NP 331249 |  |  | VOLVO RS 1128 B * RSS 1332 A * RTS 2370 A * RTS 2370 B |
| N | F 15280 | FAG SKF | 518713 331264 |  |  | MERCEDES BENZ (HL 2) |
| N | F 15291 | TIMKEN | NP725688/NP560412 |  |  | VOLVO RS 1128 B * RSS 1332 A * RTS 2370 A * RTS 2370 B |
| N | F 15295 | KOYO | LM 806649/57591N |  |  | FULLER RTLO-16918 |
| N | F 15298 | FAG | 563007/801464 |  |  | MERCEDES BENZ G281-12 |
| N | F 15304 | NSK | 29586 A/29522 |  |  | ISUZU N-SERIES * F-SERIES |
| N | F 15308 | SKF | BT1-0227/ QVA621+L44610/QVA621 |  |  | VOLKSWAGEN DSG 6-Speeds |
| N | F 15309 | SKF | BT1-0222 A/ QVA621+32007 X/ QCL7CVA606 |  |  | VOLKSWAGEN DSG 6-Speeds |
| N | F 15313 | TIMKEN SNR | NP417384/Y30206M EC 42226 |  |  | RENAULT PK6 |
| N | F 15314 | TIMKEN FAG | NP 238750/NP 929800 571752 |  |  | OPEL M32 |
| N | F 15315 | TIMKEN | NP 854792/NP 430273 |  |  | OPEL M32 |
| N | F 15316 | TIMKEN SNR | NP868033/NP666556 EC42228S01 |  |  | RENAULT PF6 |

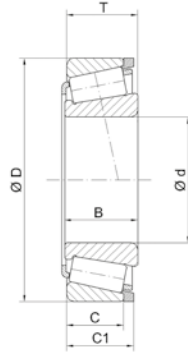
01.4 \ Flange side bearings Rodamientos con valona



| Fersa | d (mm) | D (mm) | T (mm) | TYPE |
|--------------------------------|--------|---------|--------|------|
| 11163/11300 B | 41,275 | 76,200 | 7,292 | A |
| 30208 BF | 40,000 | 80,000 | 7,750 | A |
| 30210 BF | 50,000 | 90,000 | 8,750 | A |
| 30308/30308 B | 40,000 | 90,000 | 10,250 | A |
| 33113 B | 65,000 | 110,000 | 13,000 | A |
| 34300/34478 B | 76,200 | 121,442 | 11,907 | A |
| 65237/65500 B | 60,325 | 127,000 | 16,670 | A |
| F 15026 | 42,000 | 100,000 | 15,250 | A |
| F 15090 | 25,000 | 59,000 | 4,100 | A |
| F 15108 | 21,986 | 45,000 | 6,500 | A |
| F 15161 | 45,000 | 110,000 | 12,000 | A |
| F 15191 | 80,000 | 139,992 | 14,288 | A |
| F 15192 | 60,000 | 130,000 | 12,250 | A |
| F 15196 | 25,000 | 54,000 | 9,250 | A |
| F 15198 | 31,750 | 62,000 | 7,938 | A |
| F 15212 | 50,800 | 104,775 | 12,000 | A |
| F 15246 | 80,000 | 130,000 | 5,500 | A |
| F 15265 | 65,000 | 147,100 | 13,500 | A |
| (N) F 15310 | 40,000 | 75,000 | 8,000 | A |
| (N) F 15311 | 30,000 | 59,000 | 7,000 | A |
| (N) F 15312 | 27,000 | 66,000 | 6,700 | A |
| HM 807046/HM 807010 BT | 50,800 | 104,775 | 12,000 | A |
| JHM 803148/JHM 803113 B | 45,000 | 90,000 | 9,000 | A |
| L 29002/L 29001 | 77,000 | 128,064 | 37,600 | B |
| L 29002/L 33492 | 77,000 | 127,990 | 30,600 | B |
| LM 67048/LM 67010 BA | 31,750 | 58,877 | 6,833 | A |
| LM 67048/LM 67010 BCE | 31,750 | 59,131 | 6,375 | A |
| M 88043/M 88010 B | 30,162 | 68,262 | 8,730 | A |

| Fersa | CROSS REF. | |  | | |
|---|------------|--|---|---|---|
| 11163/11300 B | | | | | |
| 30208 BF | | | | | |
| 30210 BF | | | | | |
| 30308/30308 B | | | | | |
| 33113 B | | | | | |
| 34300/34478 B | | | | | |
| 65237/65500 B | | | | | |
| F 15026 | | | | | |
| F 15090 | SNR | EC 12567 H206 |  |  | RENAULT (JC5) |
| F 15108 | TIMKEN | XC 06536 CD / JXC 06536 DC | | | |
| F 15161 | TIMKEN | JXC 25690 C/JXC 25690 DC |  |  | MERCEDES BENZ (GO4/160 * GO170-6 * GO190-6 * GO210-6 * GO230-6 * GO240-6) |
| F 15191 | FAG | 568742 A |  |  | ZF (16S 181 * 16S 182 * 16S 200 A * 16S 251 * 16S 252) |
| F 15192 | FAG | 805046 / 801464 |  |  | MERCEDES BENZ (G211 16 * G221 9 * G241 16 * G330) |
| F 15196 | NTN | ETA CR 05A22STPX1 |  |  | RENAULT |
| F 15198 | TIMKEN | NP 390444 / NP 750997 |  |  | LAND ROVER (Defender * Discovery * Range Rover) |
| F 15212 | NTN | 4T 45285 APX1/4T CR 1091 PX1 |  |  | ZF (6S 150C * 9S 109 * 16S 109) |
| F 15246 | FAG | 575194 |  |  | ZF (16S 151) |
| F 15265 | TIMKEN | NP 881387/NP 304907 |  |  | MERCEDES BENZ (GO4/160 * GO170-6 * GO190-6 * GO210-6 * GO230-6 * GO240-6) |
|  F 15310 | SKF | 32008 X/ QVA621+BT1-0336/ QCL7CVA606 |  |  | VOLKSWAGEN DSG 6-Speeds |
|  F 15311 | TIMKEN | NP765903/NP919474 |  |  | VOLKSWAGEN VAG |
|  F 15312 | TIMKEN | NP 806712/NP 326808 |  |  | SAAB 5 Speeds |
| HM 807046/ HM 807010 BT | | | | | |
| JHM 803148/ JHM 803113 B | | | | | |
| L 29002/L 29001 | | | | | |
| L 29002/L 33492 | | | | | |
| LM 67048/ LM 67010 BA | | | | | |
| LM 67048/ LM 67010 BCE | | | | | |
| M 88043/M 88010 B | | | | | |

01.5 U type bearings Rodamientos tipo u



| Fersa | d (mm) | D (mm) | B (mm) | C (mm) | C1 (mm) | T (mm) |
|------------------------|--------|--------|--------|--------|---------|--------|
| U 298/U 261 L | 34,987 | 64,975 | 20,600 | 14,000 | 17,000 | 18,100 |
| U 298/U 261 L + COLLAR | 34,987 | 64,975 | 20,600 | 14,000 | 17,000 | 18,100 |
| U 399/U 360 L | 39,688 | 73,025 | 22,098 | 15,265 | 18,500 | 19,395 |
| U 399/U 360 L + COLLAR | 39,688 | 73,025 | 22,098 | 15,265 | 18,500 | 19,395 |
| U 399/U 365 L | 39,688 | 79,967 | 22,098 | 15,265 | 20,091 | 19,395 |
| U 399/U 365 L + COLLAR | 39,688 | 79,967 | 22,098 | 15,265 | 20,091 | 19,395 |
| U 497/U 460 L | 44,987 | 79,975 | 26,000 | 18,400 | 22,000 | 24,000 |
| U 497/U 460 L + COLLAR | 44,987 | 79,975 | 26,000 | 18,400 | 22,000 | 24,000 |



| Fersa | TIMKEN |
|-------------------------------|---------------|
| U 298/U 261 L | |
| U 298/U 261 L + COLLAR | SET 9 |
| U 399/U 360 L | |
| U 399/U 360 L + COLLAR | SET 10 |
| U 399/U 365 L | |
| U 399/U 365 L + COLLAR | SET 20 |
| U 497/U 460 L | |
| U 497/U 460 L + COLLAR | SET 80 |

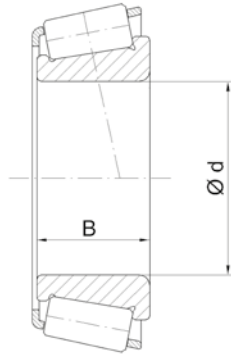


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





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01.7 \ Inner rings Conjuntos interiores



| Fersa | d (mm) | B (mm) |
|-----------------------|--------|--------|
| CONE 4367 X | 39,688 | 40,386 |
| CONE 4395 | 42,070 | 40,386 |
| CONE 33113 F | 65,000 | 34,000 |
| CONE F 15084 | 24,000 | 28,500 |
| CONE F 15101 | 28,000 | 32,000 |
| CONE F 15110 | 32,000 | 29,500 |
| CONE F 15111 | 55,000 | 29,800 |
| CONE F 15113 | 50,000 | 41,275 |
| CONE F 15131 | 38,100 | 29,771 |
| CONE F 15132 | 45,000 | 30,045 |
| CONE F 15134 | 65,000 | 31,000 |
| CONE F 15150 A | 40,000 | 38,000 |
| CONE F 15213 | 32,000 | 33,000 |
| CONE F 15244 | 50,000 | 41,000 |
| CONE F 15249 | 39,688 | 40,386 |
| N CONE F 15269 | 55,000 | 29,800 |
| N CONE F 15292 | 39,688 | 43,050 |
| CONE LM 503349 | 45,987 | 18,000 |



| Fersa | CROSS REF. | |  | |
|-----------------------|------------|--------------------|---|---|
| CONE 4367 X | | |  |  MERCEDES BENZ (G210 16 * G211 12 * G221 9 * G240 16 * G260 16) |
| CONE 4395 | | |  |  ZF (16S 151 * 16S 181 * 16S 221 * 8S 180) |
| CONE 33113 F | | |  |  VOLVO (AT 2412 C * VT 2014 B * VT 2514 B) |
| CONE F 15084 | KOYO | ST 2455 |  |  ZF (S5 420) |
| CONE F 15101 | TIMKEN | JXC 6839 CD |  |  ZF (S6 85) |
| CONE F 15110 | TIMKEN | JXC 25662 C |  |  ZF (9S 109 * 6S 150 C) MERCEDES BENZ (G100-12) |
| CONE F 15111 | KOYO | ST 4276 C/A |  |  MERCEDES BENZ (G240 16 * G241 16 * G260 16 * G280 16) |
| CONE F 15113 | NTN | ETA CIR 1010 1 |  |  MERCEDES BENZ (G240 16 * G241 16 * G260 16 * G280 16 * G281 12 * G330 12) |
| CONE F 15131 | TIMKEN | NP 457202 |  |  MERCEDES BENZ (G100-12) |
| CONE F 15132 | TIMKEN | NP 057427 |  |  MERCEDES BENZ (G100-12) |
| CONE F 15134 | TIMKEN | JXC 19089 DA |  |  MERCEDES BENZ (G100-12) |
| CONE F 15150 A | FAG | 576503 |  |  VOLVO (AT 2412 C * VT 2014 B * VT 2514 B) |
| CONE F 15213 | SKF | BT1B 329154/Q/CL7C |  |  ZF (8S 109 * 16S 109) |
| CONE F 15244 | NTN | ETA CIR 1006.1 |  |  MERCEDES BENZ (G210 16 * G211 16 * G230 16 * G 231 16) |
| CONE F 15249 | NTN | ECO CIR 0805.2 |  |  MERCEDES BENZ (G211 16 * G230 12 * G 231 16 * G241 16 * G280 16 * G281 12 * G330 12) |
| N CONE F 15269 | NTN | ETA CIR-1106 |  |  MERCEDES BENZ (G281-16 * G330-12) |
| N CONE F 15292 | NTN | ETA CIR-0810.1 |  |  MERCEDES BENZ (G221-9* GO240-6) |
| CONE LM 503349 | | |  |  MERCEDES BENZ (G100 12) |

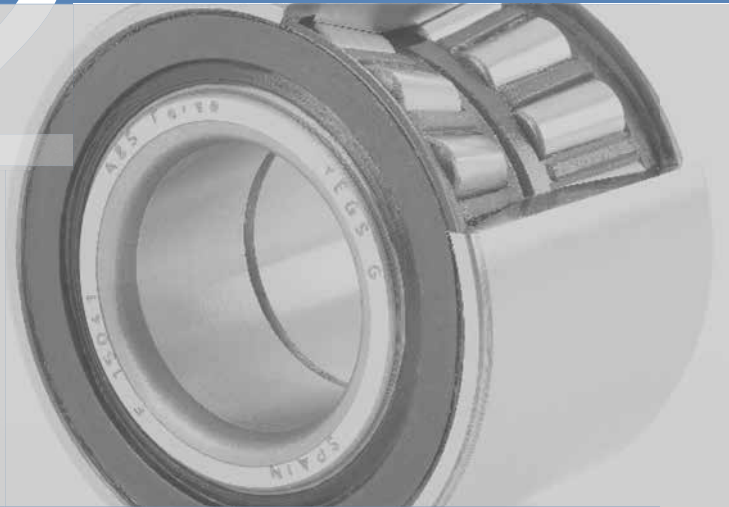


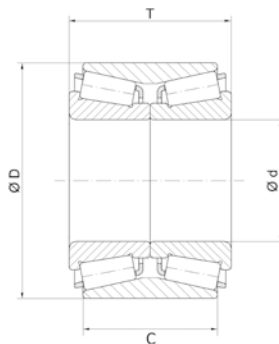
02

Double row tapered roller bearing












Rodamientos cónicos de doble hilera

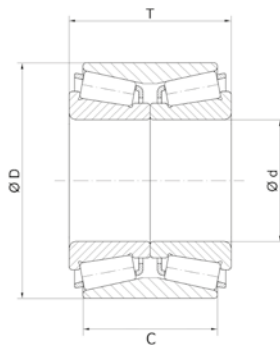
02




























| Fersa | d (mm) | D (mm) | C / T (mm) |
|------------------|--------|---------|-----------------|
| F 15015 | 41,000 | 68,000 | 35,000 / 40,000 |
| F 15030 | 70,000 | 120,000 | 60,000 |
| F 15041 | 25,000 | 52,000 | 37,000 |
| F 15042 | 25,000 | 52,000 | 43,000 |
| F 15043 | 25,000 | 55,000 | 43,000 |
| F 15044 | 35,000 | 65,000 | 35,000 |
| F 15045 | 39,000 | 68,000 | 37,000 |
| F 15050 | 25,000 | 52,000 | 37,000 |
| F 15062 | 55,000 | 93,000 | 40,000 / 51,000 |
| F 15067 | 29,000 | 53,000 | 37,000 |
| F 15068 | 49,000 | 84,000 | 48,000 |
| F 15128 | 27,000 | 53,000 | 43,000 |
| F 15129 | 40,000 | 75,000 | 50,000 |
| F 15130 | 42,000 | 80,000 | 38,000 |
| N F 15146 | 54,000 | 142,000 | 62,000 |
| N F 15149 | 40,000 | 80,000 | 38,000 |
| F 15151 | 27,000 | 52,000 | 45,000 / 50,000 |
| N F 15154 | 45,000 | 115,000 | 53,000 |

| Fersa | CROSS REF. | |  | | |
|---|----------------------|--|---|---|--|
| F 15015 | NSK | 41KWD01G3 |  |  | SUZUKI (Grand Vitara * Vitara * X 90) |
| F 15030 | FAG | 547398 |  |  | |
| F 15041 | SKF FAG SNR | BT2B445539BA / VC025 546467 FC 12025 S09 |  |  | CITROËN (AX * C2 * C3 * Saxo * Visa * Xsara * ZX) DACIA (Logan) NISSAN (Aprio * Micra * Note * Platina) PEUGEOT (106 * 205 * 206 * 306 * 309 * 1007) RENAULT (Super 5 * 9 * 11 * 19 * Clio * Megane * Modus * Tahlia * Twingo * Chamade) |
| F 15042 | SNR | FC 12180 S04 |  |  | RENAULT (Extra * Express * 21 * Rapid) |
| F 15043 | SNR | FC 12271 S03 |  |  | MERCEDES BENZ (Clase A) NISSAN (Kubistar) RENAULT (Kangoo * Laguna * Express) |
| F 15044 | FAG TIMKEN SNR | 546238 JRM 3535 A / JRM 3565 XD FC 12033S01 |  |  | RENAULT (Clio * Express * Tahlia * Twingo * Super 5 * 9 * 11 * 19) |
| F 15045 | TIMKEN | JRM 3939 / JRM 3968 XD |  |  | AUDI (80 * 90 * Coupe) VOLKSWAGEN (Golf * Jetta * Passat * Santana) |
| F 15050 | SNR | FC 12784 S03 |  |  | RENAULT (Clio * Megane * Super 5 * 9 * 11 * 19) |
| F 15062 | SKF | 441442 |  |  | CITROËN (C35) |
| F 15067 | SKF NATIONAL | BTH 1206 AB 516007 |  |  | FORD (Ecoport * Fiesta * Focus * Fusion) MAZDA (2) |
| F 15068 | TIMKEN | JXC 25469CA / JXC 25469 DB |  |  | FORD (Transit) |
| F 15128 | KOYO SNR | DAC 2753 FC 40650 S01 |  |  | CHEVROLET (Corsa) OPEL (Corsa * Tigra) |
| F 15129 | NSK | 40KWD02 |  |  | MITSUBISHI (L200) NISSAN (Urvan) |
| F 15130 | NSK NATIONAL | 42KWD08A 516005 |  |  | NISSAN (Frontier * Infiniti * Pathfinder * Urvan * Xterra) |
|  F 15146 | NSK | 54KWH02 |  |  | TOYOTA (Hiace) |
|  F 15149 | NTN | DAC 4T CR1 | | | |
| F 15151 | | |  |  | NISSAN (Tsuru III) |
|  F 15154 | SKF | BTF 1125 B |  |  | FORD (Transit) |



| Fersa | d (mm) | D (mm) | C / T (mm) |
|------------------|--------|--------|-----------------|
| F 15160 | 43,000 | 77,000 | 41,500 / 45,500 |
| F 15166 | 55,000 | 93,000 | 40,000 / 51,200 |
| F 15167 | 49,000 | 84,000 | 43,000 |
| F 15168 | 49,000 | 84,000 | 48,000 |
| F 15173 | 35,000 | 68,000 | 48,000 |
| F 15174 | 45,300 | 80,000 | 48,000 |
| F 15175 | 25,000 | 55,000 | 45,000 |
| F 15187 | 40,000 | 73,000 | 55,000 |
| N F 15218 | 42,000 | 82,000 | 40,000 |
| N F 15268 | 47,000 | 88,000 | 55,000 |
| N F 15302 | 55,000 | 90,000 | 55,000 |



| Fersa | CROSS REF. | |  | | |
|------------------|------------|------------------------|---|---|---|
| F 15160 | NSK | 43 KWD 07AU42CA |  |  | TOYOTA (Hilux) |
| F 15166 | SKF FAG | 441442 D / Q 534459 |  |  | CITROËN (C35) FIAT (242) |
| F 15167 | TIMKEN | JXC 25469 C |  |  | MERCEDES BENZ (Sprinter) |
| F 15168 | SKF | BTHB 329129 ABC |  |  | OPEL (Movano) RENAULT (Master) CITROËN (Jumper) FIAT (Ducato) PEUGEOT (Boxer) NISSAN (Interstar) |
| F 15173 | SNR | FC 40772 S02 |  |  | NISSAN (Primastar) OPEL (Vivaro) RENAULT (Space * Traffic) |
| F 15174 | SNR | FC 40096 S05 |  |  | RENAULT (Mascott * Master) OPEL (Movano) NISSAN (Interstar) |
| F 15175 | SNR | FC 40858 S02 |  |  | RENAULT (Clio * Megane * Modus) |
| F 15187 | SKF | BTH 1024 |  |  | IVECO (Daily I) |
| N F 15218 | NSK | 4UA20/KWD 10 |  |  | TOYOTA (Hilux) |
| N F 15268 | NSK | 47 KWD 02 AP |  |  | FORD (Ranger) MAZDA (Drifter) |
| N F 15302 | SKF | BTH 1219 AB |  |  | IVECO (Daily IV) |



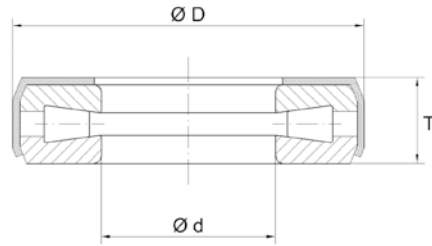
03

Thrust tapered roller bearings

Rodamientos axiales cónicos

03

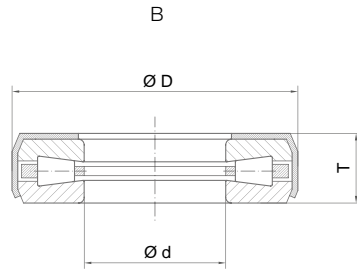
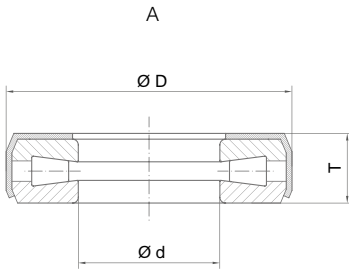




| Fersa | d (mm) | D (mm) | T (mm) | TYPE |
|----------------|--------|---------|--------|------|
| T 94 | 24,054 | 48,021 | 15,088 | A |
| T 101 | 25,654 | 50,800 | 15,875 | A |
| T 113 | 28,829 | 55,562 | 15,875 | A |
| T 119 | 30,416 | 55,562 | 15,875 | A |
| T 126 | 32,004 | 55,562 | 15,875 | A |
| T 138 | 35,179 | 66,675 | 19,446 | B |
| T 139 | 35,179 | 58,738 | 15,875 | A |
| T 144 | 36,754 | 66,675 | 19,446 | B |
| T 149 | 38,303 | 65,883 | 19,431 | A |
| T 151 | 38,354 | 72,619 | 21,433 | B |
| T 152 | 38,354 | 72,619 | 20,638 | B |
| T 163 | 41,529 | 72,619 | 21,433 | B |
| T 177 | 45,000 | 73,000 | 20,000 | B |
| T 182 | 46,279 | 82,956 | 23,812 | B |
| N T 188 | 46,879 | 82,956 | 23,812 | B |
| T 199 | 51,054 | 74,612 | 15,875 | A |
| T 200 | 50,800 | 109,538 | 22,225 | A |



Type / Tipo



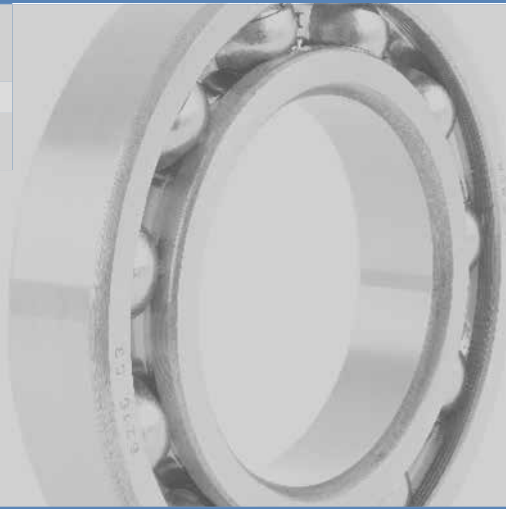
A series of horizontal lines for writing, consisting of a solid top line, a dashed middle line, and a solid bottom line.

Deep groove ball bearings

Rodamientos radiales de bolas

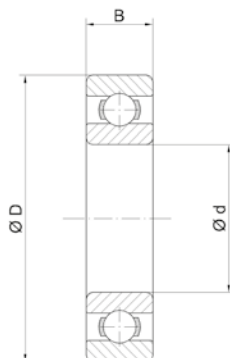
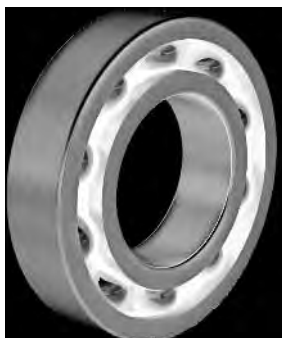
| | | |
|--------|--|----|
| 04.1 \ | Standard ball bearings / Rodamientos de bolas estándar | 60 |
| 04.2 \ | Special ball bearings / Rodamientos de bolas especiales | 72 |

04



04.1 \ Standard ball bearings

Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|-------------------|--|--------|--------|--------|
| 600 SERIE | | | | |
| 607 | 607 2RS/C3 607 ZZ/C3 | 7,000 | 19,000 | 6,000 |
| 608 | 608 2RS/C3 608 ZZ/C3 | 8,000 | 22,000 | 7,000 |
| 609 | 609 2RS/C3 609 ZZ/C3 | 9,000 | 24,000 | 7,000 |
| 620 SERIE | | | | |
| 626 | 626 2RS/C3 626 ZZ/C3 | 6,000 | 19,000 | 6,000 |
| 628 | 628 2RS/C3 628 ZZ/C3 | 8,000 | 24,000 | 8,000 |
| 629 | 629 2RS/C3 629 ZZ/C3 | 9,000 | 26,000 | 8,000 |
| 6000 SERIE | | | | |
| 6000 | 6000 6000 2RS 6000 2RS/C3 6000 Z 6000 ZZ 6000 ZZ/C3 | 10,000 | 26,000 | 8,000 |
| 6001 | 6001 6001 2RS 6001 2RS/C3 6001 Z 6001 ZZ 6001 ZZ/C3 | 12,000 | 28,000 | 8,000 |
| 6002 | 6002 6002 2RS 6002 2RS/C3 6002 Z 6002 ZZ 6002 ZZ/C3 | 15,000 | 32,000 | 9,000 |
| 6003 | 6003 6003 2RS 6003 2RS/C3 6003 Z 6003 ZZ 6003 ZZ/C3 | 17,000 | 35,000 | 10,000 |

Suffixes / Sufijos

C3 Internal clearance greater than normal / Juego radial mayor que el normal

RS Rubbing seal at one side / Tapa retén en una cara

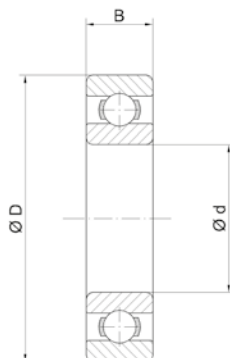
2RS Rubbing seals at both sides / Tapa retén en las dos caras

Z Shield at one side / Tapa en una cara

ZZ Shields at both sides / Tapas en las dos caras

| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|----------------|----------------|--------|--------|--------|
| 6004 | 6004 | 20,000 | 42,000 | 12,000 |
| | 6004 2RS | | | |
| | 6004 2RS/C3 | | | |
| | 6004 Z | | | |
| | 6004 ZZ | | | |
| | 6004 ZZ/C3 | | | |
| 6005 | 6005 | 25,000 | 47,000 | 12,000 |
| | 6005 2RS | | | |
| | 6005 2RS/C3 | | | |
| | 6005 Z | | | |
| | 6005 ZZ | | | |
| | 6005 ZZ/C3 | | | |
| 6006 | 6006 | 30,000 | 55,000 | 13,000 |
| | 6006 2RS | | | |
| | 6006 2RS/C3 | | | |
| | 6006 Z | | | |
| | 6006 ZZ | | | |
| | 6006 ZZ/C3 | | | |
| 6006/32 | 6006/32 2RS/C3 | 32,000 | 55,000 | 13,000 |
| 6007 | 6007 | 35,000 | 62,000 | 14,000 |
| | 6007 2RS | | | |
| | 6007 2RS/C3 | | | |
| | 6007 Z | | | |
| | 6007 ZZ | | | |
| | 6007 ZZ/C3 | | | |
| 6008 | 6008 | 40,000 | 68,000 | 15,000 |
| | 6008 2RS | | | |
| | 6008 2RS/C3 | | | |
| | 6008 Z | | | |
| | 6008 ZZ | | | |
| | 6008 ZZ/C3 | | | |
| 6009 | 6009 | 45,000 | 75,000 | 16,000 |
| | 6009 2RS | | | |
| | 6009 2RS/C3 | | | |
| | 6009 Z | | | |
| | 6009 ZZ | | | |
| | 6009 ZZ/C3 | | | |
| 6010 | 6010 | 50,000 | 80,000 | 16,000 |
| | 6010 2RS | | | |
| | 6010 2RS/C3 | | | |
| | 6010 Z | | | |
| | 6010 ZZ | | | |
| | 6010 ZZ/C3 | | | |

04.1 \ Standard ball bearings Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|-------|-------------|--------|---------|--------|
| 6011 | 6011 | 55,000 | 90,000 | 18,000 |
| | 6011 2RS | | | |
| | 6011 2RS/C3 | | | |
| | 6011 Z | | | |
| | 6011 ZZ | | | |
| | 6011 ZZ/C3 | | | |
| 6012 | 6012 | 60,000 | 95,000 | 18,000 |
| | 6012 2RS | | | |
| | 6012 2RS/C3 | | | |
| | 6012 Z | | | |
| | 6012 ZZ | | | |
| | 6012 ZZ/C3 | | | |
| 6013 | 6013 | 65,000 | 100,000 | 18,000 |
| | 6013 2RS | | | |
| | 6013 2RS/C3 | | | |
| | 6013 Z | | | |
| | 6013 ZZ | | | |
| | 6013 ZZ/C3 | | | |
| 6014 | 6014 | 70,000 | 110,000 | 20,000 |
| | 6014 2RS | | | |
| | 6014 2RS/C3 | | | |
| | 6014 Z | | | |
| | 6014 ZZ | | | |
| | 6014 ZZ/C3 | | | |
| 6015 | 6015 | 75,000 | 115,000 | 20,000 |
| | 6015 2RS | | | |
| | 6015 2RS/C3 | | | |
| | 6015 Z | | | |
| | 6015 ZZ | | | |
| | 6015 ZZ/C3 | | | |
| 6016 | 6016 2RS/C3 | 80,000 | 125,000 | 22,000 |

61900 SERIE

| | | | | |
|-------|-----------|--------|--------|--------|
| 61904 | 61904 2RS | 20,000 | 37,000 | 9,000 |
| 61909 | 61909 2RS | 45,000 | 68,000 | 12,000 |

6200 SERIE

| | | | | |
|-------|--------------|--------|--------|--------|
| 62/22 | 62/22 2RS/C3 | 22,000 | 50,000 | 14,000 |
| 6200 | 6200 | 10,000 | 30,000 | 9,000 |
| | 6200 2RS | | | |
| | 6200 2RS/C3 | | | |
| | 6200 Z | | | |
| | 6200 ZZ | | | |
| | 6200 ZZ/C3 | | | |

Suffixes / Sufijos

C3 Internal clearance greater than normal / Juego radial mayor que el normal

RS Rubbing seal at one side / Tapa retén en una cara

2RS Rubbing seals at both sides / Tapa retén en las dos caras

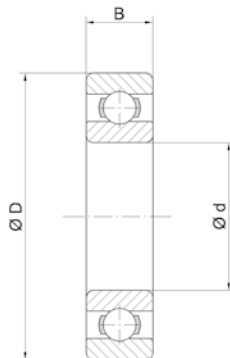
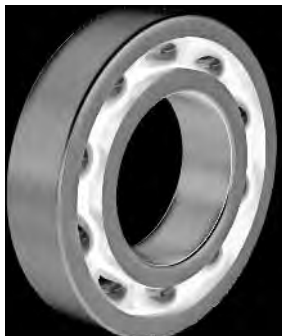
Z Shield at one side / Tapa en una cara

ZZ Shields at both sides / Tapas en las dos caras

| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|---------------------|--------------|--------|--------|--------|
| 6201 | 6201 | 12,000 | 32,000 | 10,000 |
| | 6201 2RS | | | |
| | 6201 2RS/C3 | | | |
| | 6201 Z | | | |
| | 6201 ZZ | | | |
| | 6201 ZZ/C3 | | | |
| 6202 | 6202 | 15,000 | 35,000 | 11,000 |
| | 6202 2RS | | | |
| | 6202 2RS/C3 | | | |
| | 6202 Z | | | |
| 6203 | 6203 | 17,000 | 40,000 | 12,000 |
| | 6203 2RS | | | |
| | 6203 2RS/C3 | | | |
| | 6203 Z | | | |
| | 6203 ZZ | | | |
| 6203/12 | 6203 ZZ/C3 | 12,000 | 40,000 | 12,000 |
| | 6203/12 2RS | | | |
| | | | | |
| 6204 | 6204 | 20,000 | 47,000 | 14,000 |
| | 6204 2RS | | | |
| | 6204 2RS/C3 | | | |
| | 6204 Z | | | |
| 6205 | 6204 ZZ/C3 | 25,000 | 52,000 | 15,000 |
| | 6205 | | | |
| | 6205 2RS | | | |
| | 6205 2RS/C3 | | | |
| | 6205 Z | | | |
| 6205 B12 D56 | 6205 ZZ | 25,000 | 56,000 | 12,000 |
| | 6205 ZZ/C3 | | | |
| 6206 | 6205 B12 D56 | 30,000 | 62,000 | 16,000 |
| | 6206 | | | |
| | 6206 2RS | | | |
| | 6206 2RS/C3 | | | |
| | 6206 Z | | | |
| | 6206 ZZ | | | |
| 6207 | 6206 ZZ/C3 | 35,000 | 72,000 | 17,000 |
| | 6207 | | | |
| | 6207 2RS | | | |
| | 6207 2RS/C3 | | | |
| | 6207 Z | | | |
| | | | | |
| | 6207 ZZ | | | |
| | 6207 ZZ/C3 | | | |

04.1 \ Standard ball bearings

Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|----------------|--|--------|---------|--------|
| 6207/33 | 6207/33 | 33,000 | 72,000 | 17,000 |
| 6208 | 6208 6208 2RS 6208 2RS/C3 6208 Z 6208 ZZ 6208 ZZ/C3 | 40,000 | 80,000 | 18,000 |
| 6209 | 6209 6209 2RS 6209 2RS/C3 6209 Z 6209 ZZ 6209 ZZ/C3 | 45,000 | 85,000 | 19,000 |
| 6210 | 6210 6210 2RS 6210 2RS/C3 6210 Z 6210 ZZ 6210 ZZ/C3 | 50,000 | 90,000 | 20,000 |
| 6211 | 6211 6211 2RS 6211 2RS/C3 6211 Z 6211 ZZ 6211 ZZ/C3 | 55,000 | 100,000 | 21,000 |
| 6212 | 6212 6212 2RS 6212 2RS/C3 6212 Z 6212 ZNR/C3 6212 ZZ 6212 ZZ/C3 | 60,000 | 110,000 | 22,000 |
| 6213 | 6213 6213 2RS 6213 2RS/C3 6213 Z 6213 ZMNR/C3 6213 ZZ 6213 ZZ/C3 | 65,000 | 120,000 | 23,000 |
| 6214 | 6214 6214 2RS 6214 2RS/C3 6214 Z 6214 ZZ 6214 ZZ/C3 | 70,000 | 125,000 | 24,000 |

Suffixes / Sufijos

C3 Internal clearance greater than normal / Juego radial mayor que el normal

RS Rubbing seal at one side / Tapa retén en una cara

2RS Rubbing seals at both sides / Tapa retén en las dos caras

Z Shield at one side / Tapa en una cara

ZZ Shields at both sides / Tapas en las dos caras

| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|----------------|-------------|--------|---------|--------|
| 6215 | 6215 | 75,000 | 130,000 | 25,000 |
| | 6215 2RS | | | |
| | 6215 2RS/C3 | | | |
| | 6215 NR/C3 | | | |
| | 6215 Z | | | |
| | 6215 ZZ | | | |
| 6216 | 6216 ZZ/C3 | | | |
| | 6216 | 80,000 | 140,000 | 26,000 |
| | 6216 2RS | | | |
| | 6216 2RS/C3 | | | |
| | 6216 C3 | | | |
| | 6216 C4 | | | |
| | 6216 Z | | | |
| | 6216 ZZ | | | |
| 6216 ZZ/C3 | | | | |
| 6217 | 6217 | 85,000 | 150,000 | 28,000 |
| | 6217 C3 | | | |
| 6217/80 | 6217/80 | 80,000 | 150,000 | 28,000 |
| | 6217/80 C3 | | | |
| 6218 | 6218 | 90,000 | 160,000 | 30,000 |
| | 6218 C3 | | | |

62200 SERIE

| | | | | |
|----------------|--------------|--------|---------|--------|
| 62201 | 62201 2RS/C3 | 12,000 | 32,000 | 14,000 |
| 62202 | 62202 2RS/C3 | 15,000 | 35,000 | 14,000 |
| 62204 | 62204 2RS | 20,000 | 47,000 | 18,000 |
| 62205 | 62205 2RS | 25,000 | 52,000 | 18,000 |
| 62206 | 62206 2RS | 30,000 | 62,000 | 20,000 |
| 62207 | 62207 2RS | 35,000 | 72,000 | 23,000 |
| 62208 | 62208 2RS | 40,000 | 80,000 | 23,000 |
| N 62212 | 62212 2RS | 60,000 | 110,000 | 28,000 |

62300 SERIE

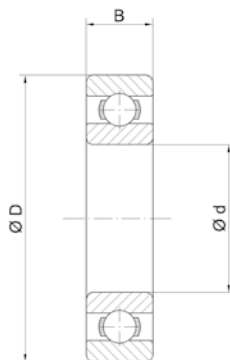
| | | | | |
|--------------|--------------|--------|--------|--------|
| 62304 | 62304 2RS/C3 | 20,000 | 52,000 | 21,000 |
| 62305 | 62305 | 25,000 | 62,000 | 24,000 |
| | 62305 2RS/C3 | | | |
| 62306 | 62306 2RS/C3 | 30,000 | 72,000 | 27,000 |

631 SERIE

| | | | | |
|--------------|-------------|--------|--------|--------|
| 63/22 | 63/22 | 22,000 | 56,000 | 16,000 |
| 63/28 | 63/28 | 28,000 | 68,000 | 18,000 |
| 63/32 | 63/32 2RS | 32,000 | 75,000 | 20,000 |
| | 63/32 NR/C3 | | | |

04.1 \ Standard ball bearings

Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|---------------------|--|--------|--------|--------|
| 63000 SERIE | | | | |
| 6300 | 6300 6300 2RS 6300 2RS/C3 6300 Z 6300 ZZ 6300 ZZ/C3 | 10,000 | 35,000 | 11,000 |
| 6301 | 6301 6301 2RS 6301 2RS/C3 6301 Z 6301 ZZ 6301 ZZ/C3 | 12,000 | 37,000 | 12,000 |
| 6302 | 6302 6302 2RS 6302 2RS/C3 6302 Z 6302 ZZ 6302 ZZ/C3 | 15,000 | 42,000 | 13,000 |
| 6303 | 6303 6303 2RS 6303 2RS/C3 6303 Z 6303 ZZ 6303 ZZ/C3 | 17,000 | 47,000 | 14,000 |
| 6303/15 | 6303/15 2RS | 15,000 | 47,000 | 14,000 |
| 6304 | 6304 6304 2RS 6304 2RS/C3 6304 Z 6304 ZZ 6304 ZZ/C3 | 20,000 | 52,000 | 15,000 |
| 6304 B12 | 6304 B12 | 20,000 | 52,000 | 12,000 |
| 6304 B12 D56 | 6304 B12 D56 | 20,000 | 56,000 | 12,000 |
| 6304/17 | 6304/17 2RS | 17,000 | 52,000 | 15,000 |
| 6304/17 B16 | 6304/17 B16 2RS | 17,000 | 52,000 | 16,000 |
| 6304/17 B17 | 6304/17 B17 2RS | 17,000 | 52,000 | 17,000 |
| 6305 | 6305 6305 2RS 6305 2RS/C3 6305 Z 6305 ZZ 6305 ZZ/C3 | 25,000 | 62,000 | 17,000 |

Suffixes / Sufijos

C3 Internal clearance greater than normal / Juego radial mayor que el normal

RS Rubbing seal at one side / Tapa retén en una cara

2RS Rubbing seals at both sides / Tapa retén en las dos caras

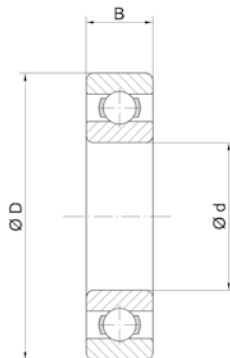
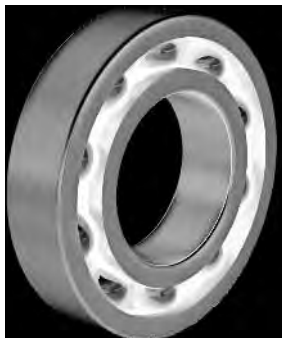
Z Shield at one side / Tapa en una cara

ZZ Shields at both sides / Tapas en las dos caras

| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|-----------------|----------------|--------|---------|--------|
| 6306 | 6306 | 30,000 | 72,000 | 19,000 |
| | 6306 2RS | | | |
| | 6306 2RS/C3 | | | |
| | 6306 NR/C3 | | | |
| | 6306 Z | | | |
| | 6306 ZZ | | | |
| 6306/25 | 6306/25 | 25,000 | 72,000 | 19,000 |
| | 6306/25 2RS/C3 | | | |
| 6307 | 6307 | 35,000 | 80,000 | 21,000 |
| | 6307 2RS | | | |
| | 6307 2RS C3 | | | |
| | 6307 Z | | | |
| | 6307 ZZ | | | |
| | 6307 ZZ/C3 | | | |
| 6307 B23 | 6307 B23 | 35,000 | 80,000 | 23,000 |
| 6308 | 6308 | 40,000 | 90,000 | 23,000 |
| | 6308 2RS | | | |
| | 6308 2RS/C3 | | | |
| | 6308 Z | | | |
| | 6308 ZZ | | | |
| | 6308 ZZ/C3 | | | |
| 6309 | 6309 | 45,000 | 100,000 | 25,000 |
| | 6309 2RS | | | |
| | 6309 2RS/C3 | | | |
| | 6309 Z | | | |
| | 6309 ZZ | | | |
| | 6309 ZZ/C3 | | | |
| 6310 | 6310 | 50,000 | 110,000 | 27,000 |
| | 6310 2RS | | | |
| | 6310 2RS/C3 | | | |
| | 6310 Z | | | |
| | 6310 ZZ | | | |
| | 6310 ZZ/C3 | | | |
| 6311 | 6311 | 55,000 | 120,000 | 29,000 |
| | 6311 2RS | | | |
| | 6311 2RS/C3 | | | |
| | 6311 Z | | | |
| | 6311 ZZ | | | |
| | 6311 ZZ/C3 | | | |
| 6312 | 6312 | 60,000 | 130,000 | 31,000 |
| | 6312 2RS | | | |
| | 6312 2RS/C3 | | | |
| | 6312 NR/C3 | | | |
| | 6312 Z | | | |
| | 6312 ZZ | | | |
| | 6312 ZZ/C3 | | | |

04.1 \ Standard ball bearings

Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|--------------------|-------------|--------|---------|--------|
| 6313 | 6313 | 65,000 | 140,000 | 33,000 |
| | 6313 2RS | | | |
| | 6313 2RS/C3 | | | |
| | 6313 C4 | | | |
| | 6313 Z | | | |
| | 6313 ZZ | | | |
| | 6313 ZZ/C3 | | | |
| 6314 | 6314 | 70,000 | 150,000 | 35,000 |
| | 6314 2RS | | | |
| | 6314 2RS/C3 | | | |
| | 6314 NR/C3 | | | |
| | 6314 Z | | | |
| | 6314 ZZ | | | |
| | 6314 ZZ/C3 | | | |
| 6315 | 6315 | 75,000 | 160,000 | 37,000 |
| | 6315 2RS | | | |
| | 6315 2RS/C3 | | | |
| | 6315 Z | | | |
| | 6315 ZZ | | | |
| | 6315 ZZ/C3 | | | |
| 63010 SERIE | | | | |
| 63010 | 63010 2RS | 50,000 | 80,000 | 23,000 |
| 64000 SERIE | | | | |
| 6403 | 6403 | 17,000 | 62,000 | 17,000 |
| | 6403 2RS | | | |
| | 6403 2RS/C3 | | | |
| | 6403 Z | | | |
| | 6403 ZZ | | | |
| 6404 | 6404 | 20,000 | 72,000 | 19,000 |
| | 6404 2RS | | | |
| | 6404 2RS/C3 | | | |
| | 6404 Z | | | |
| | 6404 ZZ | | | |
| 6405 | 6405 | 25,000 | 80,000 | 21,000 |
| | 6405 2RS | | | |
| | 6405 2RS/C3 | | | |
| | 6405 Z | | | |
| | 6405 ZZ | | | |
| | 6405 ZZ/C3 | | | |

Suffixes / Sufijos

C3 Internal clearance greater than normal / Juego radial mayor que el normal

RS Rubbing seal at one side / Tapa retén en una cara

2RS Rubbing seals at both sides / Tapa retén en las dos caras

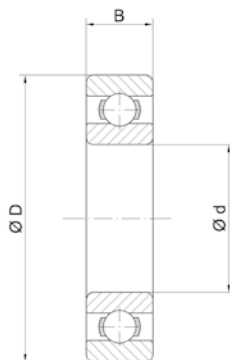
Z Shield at one side / Tapa en una cara

ZZ Shields at both sides / Tapas en las dos caras

| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|---------------|-------------|---------------------|---------|--------|
| 6406 | 6406 | 30,000 | 90,000 | 23,000 |
| | 6406 2RS | | | |
| | 6406 2RS/C3 | | | |
| | 6406 Z | | | |
| | 6406 ZZ | | | |
| | 6406 ZZ/C3 | | | |
| 6407 | 6407 | 35,000 | 100,000 | 25,000 |
| | 6407 2RS | | | |
| | 6407 2RS/C3 | | | |
| | 6407 Z | | | |
| | 6407 ZZ | | | |
| | 6407 ZZ/C3 | | | |
| 6408 | 6408 | 40,000 | 110,000 | 27,000 |
| | 6408 2RS | | | |
| | 6408 2RS/C3 | | | |
| | 6408 Z | | | |
| | 6408 ZZ | | | |
| | 6408 ZZ/C3 | | | |
| 6409 | 6409 | 45,000 _i | 120,000 | 29,000 |
| | 6409 2RS | | | |
| | 6409 2RS/C3 | | | |
| | 6409 Z | | | |
| | 6409 ZZ | | | |
| | 6409 ZZ/C3 | | | |
| 6410 | 6410 | 50,000 | 130,000 | 31,000 |
| | 6410 2RS | | | |
| | 6410 2RS/C3 | | | |
| | 6410 Z | | | |
| | 6410 ZZ | | | |
| | 6410 ZZ/C3 | | | |
| N 6411 | 6411 | 55,000 | 140,000 | 33,000 |
| | 6411 2RS | | | |
| | 6411 2RS/C3 | | | |
| | 6411 Z | | | |
| | 6411 ZZ | | | |
| | 6411 ZZ/C3 | | | |
| N 6412 | 6412 | 60,000 | 150,000 | 35,000 |
| | 6412 2RS | | | |
| | 6412 2RS/C3 | | | |
| | 6412 Z | | | |
| | 6412 ZZ | | | |
| | 6412 ZZ/C3 | | | |

04.1 \ Standard ball bearings

Rodamientos de bolas estándar



| Serie | Fersa | d (mm) | D (mm) | B (mm) |
|---------------|--|--------|---------|--------|
| N 6413 | 6413 6413 2RS 6413 2RS/C3 6413 Z 6413 ZZ 6413 ZZ/C3 | 65,000 | 160,000 | 37,000 |
| N 6414 | 6414 6414 2RS 6414 2RS/C3 6414 Z 6414 ZZ 6414 ZZ/C3 | 70,000 | 180,000 | 42,000 |
| N 6415 | 6415 6415 2RS 6415 2RS/C3 6415 Z 6415 ZZ 6415 ZZ/C3 | 75,000 | 190,000 | 45,000 |

RMS SERIE

| | | | | |
|--------------|-----------------------|--------|--------|--------|
| RMS 9 | RMS 9 RMS 9 2RS/C4 | 28,575 | 71,438 | 20,638 |
|--------------|-----------------------|--------|--------|--------|

16000 SERIE

| | | | | |
|-----------------|-------------|--------|---------|--------|
| 16017/90 | 16017/90 C3 | 90,000 | 130,000 | 14,000 |
|-----------------|-------------|--------|---------|--------|

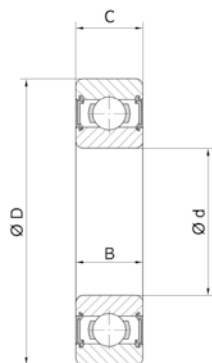


Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- RS** Rubbing seal at one side / Tapa retén en una cara
- 2RS** Rubbing seals at both sides / Tapa retén en las dos caras
- Z** Shield at one side / Tapa en una cara
- ZZ** Shields at both sides / Tapas en las dos caras

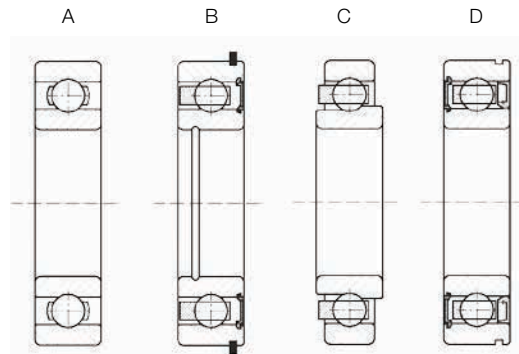

























04.2 \ Special ball bearings Rodamientos de bolas especiales



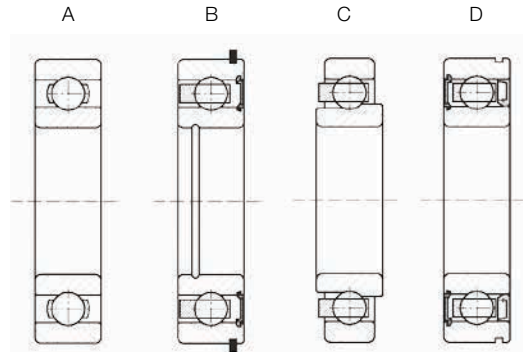
| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|--------|---------|-----------------|------|
| F 18009 | 45,000 | 85,000 | 23,000 | ESP |
| F 18011 | 30,000 | 65,000 | 21,000 | A |
| F 18015 | 15,000 | 35,000 | 13,000 | A |
| F 18018 | 25,000 | 62,020 | 17,500 | B |
| F 18019 | 25,000 | 59,000 | 17,500 | B |
| F 18020 | 17,000 | 62,000 | 17,600 / 17,000 | A |
| F 18021 | 28,000 | 66,000 | 18,000 | B |
| F 18022 | 25,000 | 69,000 | 20,000 | A |
| F 18023 | 35,000 | 75,000 | 20,000 | B |
| F 18024 | 25,995 | 68,000 | 14,500 / 21,550 | C |
| F 18025 | 35,000 | 67,000 | 21,000 / 22,500 | D |
| F 18032 | 50,000 | 90,000 | 20,000 | A |
| F 18033 | 50,000 | 90,000 | 20,000 | A |
| F 18036 | 85,000 | 150,000 | 28,000 | B |
| F 18037 | 85,000 | 160,000 | 33,000 | B |
| F 18038 | 36,487 | 68,000 | 15,000 | A |
| F 18039 | 36,513 | 68,000 | 15,000 | B |
| F 18041 | 50,000 | 90,000 | 20,000 | A |
| F 18042 | 55,000 | 120,000 | 29,000 | A |
| F 18043 | 28,000 | 75,000 | 21,000 | D |


















Type / Tipo



| Fersa | CROSS REF. |  | | |
|----------------|--|---|---|--|
| F 18009 | FAG 4209 BTVH SKF 4209 ATN9 / MT33 VB2669 SNR 4209 A IRB IR 8566 | | | |
| F 18011 | FAG 543909 SKF BB1B 630374 / C4 IRB IR 8014 |  |  | FIAT (124) |
| F 18015 | | | | |
| F 18018 | SNR AB12888 S05 |  |  | RENAULT (Super 5 * R9 * R11 * R19 * Clio I * Express I * Express II * Extra MK I * Extra MK II * Rapid) |
| F 18019 | SNR AB41386 |  |  | RENAULT (Super 5 * R9 * R11 * R19 * Clio I * Clio II * Express I * Express II * Extra MK I * Extra MK II * Kangoo * Kangoo FL * Lutécia * Mégane * Mégane Classic * Mégane Scénic * Rapid * Tahlia * Twingo) |
| F 18020 | NSK B17 126 DDWC3 |  | ALT | BOSCH |
| F 18021 | FAG 566195 |  |  | MERCEDES BENZ (MB 180) |
| F 18022 | SNR AB12516 |  |  | RENAULT (Traffic) |
| F 18023 | SKF 440682 | | | |
| F 18024 | FAG 536906C |  |  | AUDI (A3 * S3 * TT) |
| F 18025 | FAG 527640 C SKF 361984 C |  |  | OPEL (Rekord) |
| F 18032 | SKF 6210ZNRB SNR 6210NRZB KOYO 6210NRZ | | | |
| F 18033 | | | | |
| F 18036 | KOYO 6217 3BBNCS 9 | | | EATON |
| F 18037 | | | | |
| F 18038 | | | | |
| F 18039 | INA F 45385 KOYO 83549 |  |  | CASE NEW HOLLAND (30 * TS) |
| F 18041 | NSK BL 210 ZNR C3 |  | V | KOMATSU (Various) |
| F 18042 | FAG 800574A NTN TMB 311 X13 C3 |  |  | MERCEDES BENZ (G 60 * G 85-6) |
| F 18043 | SKF BB1B 445924 C |  |  | PEUGEOT (605 * 806) |

Type / Tipo



| Fersa | CROSS REF. |  | | | |
|--------------------|----------------------------|---|---|--|--|
| F 18046 2RS | S 88501 | | | | |
| F 18046 ZZ | S 88501 | | | | |
| F 18047 | NTN 30 TM11NC3 UR UMMS |  |  | CHEVROLET (Cheyenne Blazer) | |
| F 18048 | NTN 32 TM11NC3 UR UMMS 806 | | | | |
| F 18049 | 600110 | | | | |
| F 18050 | KOYO DG 4094 W |  |  | TOYOTA (Hiace) | |
| F 18051 | NSK 40 BW06CG50 |  |  | TOYOTA (Hilux * SW4) | |
| N F 18052 | INA 553935 |  |  | ZF (16S 151 * 16S 181 * 16S 221 * 8S 180) | |
| N F 18053 | SKF VKT 8692 / BB1 3076 |  |  | VOLVO (VT 2009 B * VT 2014 B * VT 2214 B * VTO 2214 B * VT 2514 B * VTO 2514 OD * VT 2814 B * VTO 2814 B) | |
| N F 18054 | SKF BB1 3357 |  |  | ZF (6S-850) | |
| N F 18055 | SKF BB1 3359 |  |  | ZF 6S-1000 | |
| N F 18056 | SKF BB1 3356 |  |  | ZF 6S-1000 | |



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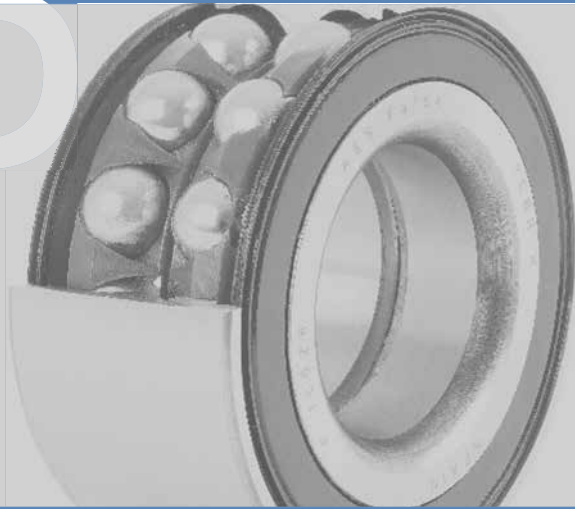
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Angular contact ball bearings

Rodamientos de bolas de contacto angular

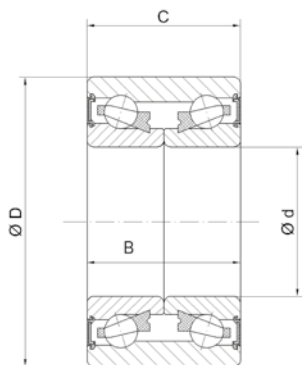
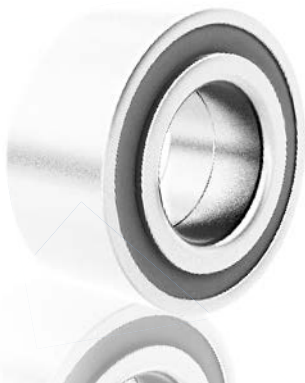
| | | |
|--------|---|----|
| 05.1 \ | Special double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular especiales | 78 |
| 05.2 \ | Standard double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular estándar | 92 |
| 05.3 \ | Four point angular contact ball bearings / Rodamientos de bolas de cuatro puntos de contacto angular | 94 |
| 05.4 \ | Air conditioning / Aire acondicionado | 96 |

05



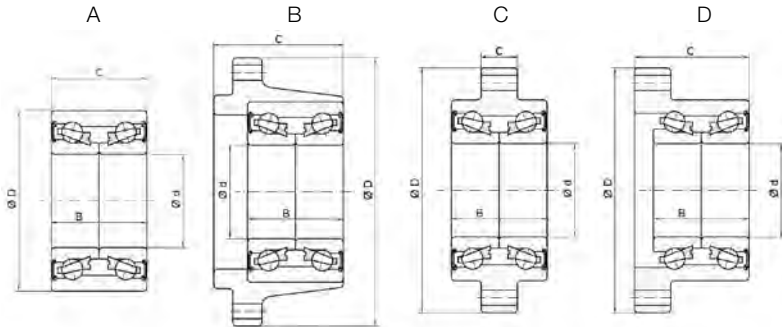
05.1 \ Special double row angular contact ball bearings






















Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|--------|---------|-----------------|------|
| F 16001 | 30,000 | 60,030 | 37,000 | A |
| F 16002 | 35,000 | 68,000 | 37,000 | A |
| F 16004 | 25,000 | 56,000 | 32,000 | A |
| F 16010 | 30,000 | 117,000 | 61,300 / 37,000 | B |
| F 16018 | 34,000 | 62,000 | 37,000 | A |
| F 16019 | 34,000 | 64,000 | 37,000 | A |
| F 16020 | 34,000 | 66,000 | 37,000 | A |
| F 16021 | 35,000 | 65,000 | 35,000 | A |
| F 16022 | 35,000 | 66,000 | 32,000 | A |
| F 16023 | 35,000 | 66,000 | 37,000 | A |
| F 16026 | 35,000 | 72,000 | 33,000 | A |
| F 16027 | 35,000 | 72,040 | 33,000 | A |
| F 16029 | 37,000 | 72,000 | 33,000 | A |

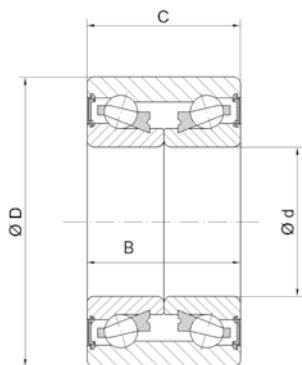
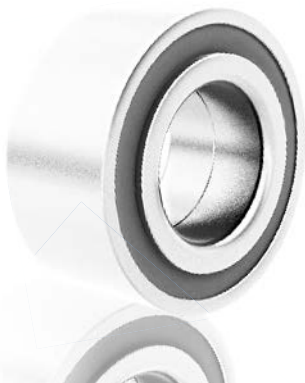
Type / Tipo



| Fersa | CROSS REF. | |  | |
|----------------|---------------------------------|--|---|--|
| F 16001 | SKF FAG SNR IRB INA | BA2B 633313 C 545312 GB 10790 S05 IR 8040 F 45721 |  |  DELOREAN (DMC 12) FIAT (124 * 128 * Strada * Uno * X 1/9) LADA (Samara * Signet) LANCIA (Zagato) YUGO |
| F 16002 | SKF FAG SNR IRB INA | BAH 0031 BAH 0031 D 541153 A 567918 GB 10840 S04 IR 8026 F 45951 |  |  FIAT (Duna * Fiorino) SKODA (FAVORIT * FELICIA) VW (CADDY) |
| F 16004 | SKF | BAH 5000 AA BAH5000AA |  |  CITROËN (Ax * Saxo) PEUGEOT (106) |
| F 16010 | SKF SNR IRB | BAF 0013 AD TGB 40490 IR 8505 |  |  ALFA ROMEO (1445 * 146) |
| F 16018 | SKF FAG IRB | BAHB 311316 B 561447 IR 8051 |  |  AUDI (50) VOLKSWAGEN (Derby * Polo) |
| F 16019 | SKF FAG IRB SNR | 309726 DA 532066 IR 8041 GB 10884 |  |  DAEWOO (Nexia * Cielo * Lanos * Racer) GM (Aveo) PONTIAC (G3 * Optima) VOLKSWAGEN (Atlantic * Caribe) |
| F 16020 | SKF FAG IRB INA | BAHB 636114 A 580400 IR 8622 F 110487.1 |  |  OPEL (Astra * Combo * Corsa * Kadett * Tigra * Vectra) GM (Chevy) |
| F 16021 | FAG IRB SNR | 546238 IR 8042 GB12438S01 |  |  CITROËN (Xantia) RENAULT (Clio * Express) |
| F 16022 | SKF IRB | BAH 5001 A IR 8091 |  |  CITROËN (Ax * Saxo) PEUGEOT (106) |
| F 16023 | SKF FAG | BAH 0023 544307 |  |  VOLKSWAGEN (Golf * Jetta * Lupo * Polo) SEAT (Arosa) |
| F 16026 | SKF FAG IRB SNR | BA2B 446762 B 548083 IR 8055 GB 12094 S10 |  |  CITROËN (AX * C15 * ZX * Xsara) FIAT (Tipo) PEUGEOT (Partner) |
| F 16027 | SKF | BAH 0013 D |  |  FIAT (LINEA * TEMPRA) |
| F 16029 | SKF IRB SNR | BAH 0051 B IR 8740 GB 40547 |  |  CITROËN (C2 * C3 * Saxo * Xsara) PEUGEOT (106 * 206 * 306) |

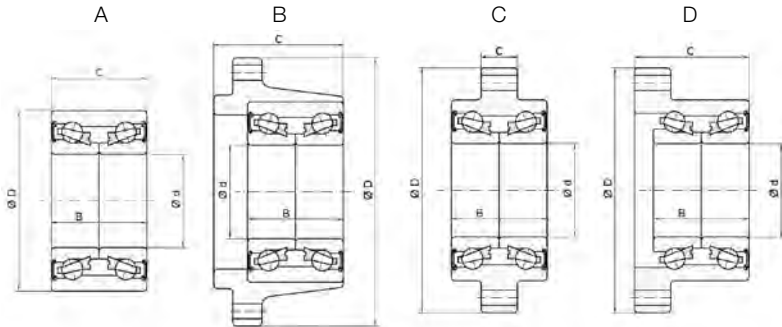
05.1 \ Special double row angular contact ball bearings




















Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|-----------------|---------|-----------------|------|
| F 16030 | 37,000 | 72,000 | 37,000 | A |
| F 16031 | 37,000 | 72,040 | 37,000 | A |
| F 16032 | 37,000 | 74,000 | 45,000 | A |
| F 16033 | 37,000 | 139,000 | 64,000 / 45,000 | D |
| F 16034 | 37,990 | 74,020 | 33,000 / 36,000 | A |
| F 16035 | 39,000 | 68,000 | 37,000 | A |
| F 16036 | 39,000 | 72,000 | 37,000 | A |
| F 16037 | 39,000 | 74,000 | 39,000 | A |
| F 16038 | 39,000 / 41,000 | 75,000 | 37,000 | A |

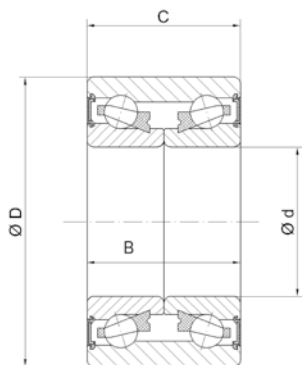
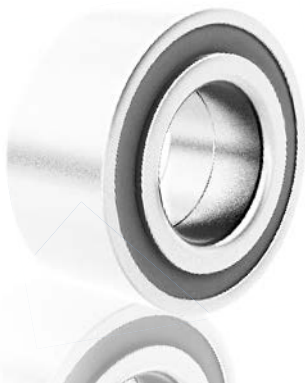
Type / Tipo



| Fersa | CROSS REF. | |  | |
|----------------|---|--|---|--|
| F 16030 | SKF IRB SNR IRB | BAH 0094 IR 8066 GB 40706 F 113175 |  |  NISSAN (Platina) RENAULT (Clio * Kangoo * Laguna I * MEGANE * SCENIC * SAFRANE) |
| F 16031 | SKF FAG IRB SNR | BAH 0012 AD 562398 A IR 8088 GB 12131 S03 |  |  ALFA ROMEO (33) |
| F 16032 | SKF FAG IRB NATIONAL | 309946 AC 541521 C IR 8513 511020 |  |  BMW (518 * 520 * 524 * 525 * 530 * 535) |
| F 16033 | SKF IRB | BAFB 447318 B IR 8591 |  |  BMW (518 * 520 * 524 * 525 * 530 * 535 * 730 * 735 * 740 * 750 * 840 * 850) |
| F 16034 | SKF FAG IRB NATIONAL | BAH 0041 D 574795A IR 8655 514002 |  |  LEXUS (ES250) NISSAN (SUNNY * ALMERA * LUCINO * SENTRA * TSUBAME * TSURU III) TOYOTA (RAV4) |
| F 16035 | SKF FAG IRB INA NATIONAL | BAHB 311315 BD 540733 IR 8052 F 45747.2 510024 |  |  AUDI (80 * Coupe * 90) FORD (Escort * Ghia * Tempo * Topaz) MERCURY (Cougar * Mystique) VOLKSWAGEN (Corsar * Golf * Jetta * Passat * Santana) |
| F 16036 | SKF FAG IRB SNR INA NATIONAL | BA2B 309639 BA / BAHB 311396 B 542186 A IR 8085 GB 41599 / GB 12776 F 45920.2 513113 |  |  BMW (316 * 318 * 320 * 324 * 325 * M3 * Z3) CHEVROLET (Astra * Zafira) DAEWOO (Cielo * Lanos * NEXIA * Nubira * ESPERO) FORD (Courier * Ecosport * ESCORT * Fiesta * Focus * Fusion * Ikon * KA * PUMA * ORION) LOTUS (ELAN) MAZDA (2) PONTIA (Optima) VOLKSWAGEN (CROSSFOX * GOL * LUPO * POINTER * SAVEIRO * VAN) |
| F 16037 | SKF FAG SNR NATIONAL | BAHB 636096 A 579557 IR 8603 510052 |  |  CHEVROLET (OPTRA) DAEWOO (Leganza) OPEL (ASTRA * CALIBRA * OMEGA * VECTRA) SAAB (9 3 CONVERTIBLE * 9 5 * 900) |
| F 16038 | SKF FAG IRB SNR | BAHB 633815 AA 567447 B IR 8530 GB 12399S01 |  |  AUDI (A4 * A6 * 80 * CABRIO * Coupe 90) SKODA (Super B) VOLKSWAGEN (Passat * Santana) |

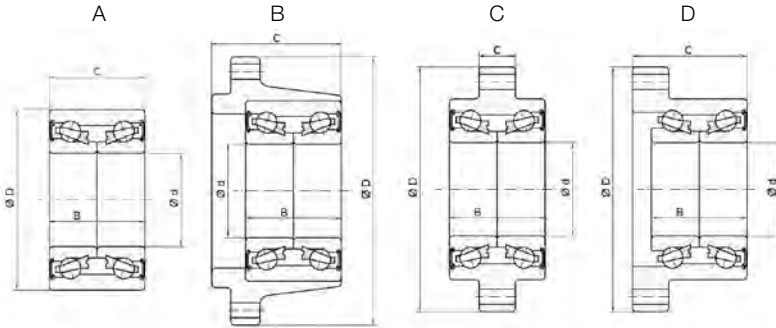
05.1 \ Special double row angular contact ball bearings


























Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|-----------------|---------|-----------------|------|
| F 16039 | 40,000 | 72,000 | 37,000 | A |
| F 16040 | 40,000 | 74,000 | 40,000 | A |
| F 16041 | 40,000 | 76,040 | 38,000 / 41,000 | A |
| F 16042 | 40,000 | 80,000 | 30,200 | A |
| F 16043 | 40,000 | 80,000 | 38,100 | A |
| F 16044 | 39,980 | 108,000 | 17,000 / 32,000 | C |
| F 16045 | 42,000 | 75,000 | 37,000 | A |
| F 16046 | 42,000 | 75,000 | 37,000 | A |
| F 16048 | 42,000 | 82,000 | 36,000 | A |
| F 16051 | 42,000 | 84,000 | 39,000 | A |
| F 16052 | 43,000 | 79,000 | 38,000 / 41,000 | A |
| F 16054 | 43,000 / 45,000 | 82,000 | 37,000 | A |

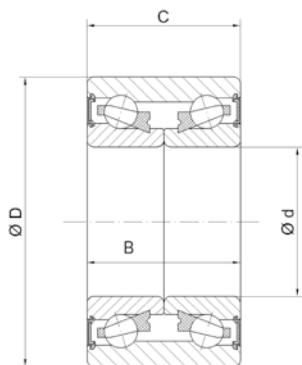
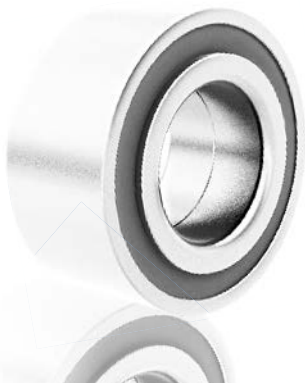
Type / Tipo



| Fersa | CROSS REF. | |  | | |
|----------------|--------------------------------------|---|---|---|--|
| F 16039 | SKF FAG IRB SNR NATIONAL | BAHB 311443 B 566719 IR 8095 GB 12320S02 510004 |  |  | SEAT (CORDOBA * INCA * IBIZA * TOLEDO) VW (CABRIO * CADDY * CORRADO * DERBY * Golf * Jetta * Passat * POLO CLASSIC * VENTO) |
| F 16040 | SKF FAG IRB | BAH 0049 C 801136 IR 8668 |  |  | AUDI (A3 * S3 * TT) SEAT (LEON * TOLEDO) SKODA (OCTAVIA * ROOMSTER VW (BORA * Golf * NEW BEETLE * Jetta) |
| F 16041 | NSK SNR NATIONAL | 40BWD05CA60 IR 8583 513053 |  |  | HONDA (ACCORD) MG (ZR) ROVER (25 * 200 * 400 * CABRIO * Coupe) |
| F 16042 | FAG IRB SNR | 565636 IR 8006 Y44FB.10394 S02 |  |  | PEUGEOT (204 * 304 * 305) |
| F 16043 | SNR | GB 10800 |  |  | TALBOT (HORIZON * 1300) |
| F 16044 | SNR IRB | TGB 10872 S02 IR 8048 |  |  | RENAULT (Space) |
| F 16045 | SKF SNR | BAHB 311424 B GB 12010 |  |  | BMW (318, 320i, 323, 325, 328 (E36) |
| F 16046 | FAG IRB | 545495 IR 8509 |  |  | ALFA ROMEO (75 * 90 * GTV) BMW (316 * 318 * 320 * 324 * 325 * M3 * TOUR- ING * CABRIO * Z1 * Z4) |
| F 16048 | SKF FAG IRB SNR NATIONAL | BAH 0171 561481 IR 8086 GB 12163 S04 513073 |  |  | CITROËN (Berlingo) PEUGEOT (206 * 207 * 306 * 307 * 308 * 405 * 505 * 604 * PARTNER) |
| F 16051 | SKF FAG IRB SNR | BAH 0177 543359 B IR 8101 GB 40549 / GB 10702 S03 |  |  | RENAULT (20 * 30 * Traffic) VAUXHALL (Arena) |
| F 16052 | SNR NSK NATIONAL | XGB 41999 43BWD08CA103 510030 |  |  | ACCURA(EL) HONDA (Civic) MG (ZS) ROVER (45 * 400) |
| F 16054 | SKF IRB NATIONAL | BAH 0011 AB IR 8737 510019 |  |  | AUDI (A4 * A8 * ALLROAD * V8 * A8 * Coupe * CABRIO * 80 * 100 * 200) SKODA (SuperB) VOLKSWAGEN (Passat) |

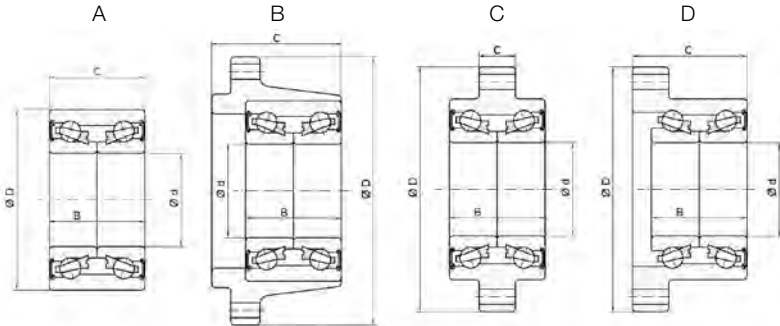
05.1 \ Special double row angular contact ball bearings






























Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|--------|--------|-----------------|------|
| F 16055 | 40,000 | 75,000 | 37,000 | A |
| F 16056 | 44,000 | 82,500 | 37,000 | A |
| F 16057 | 38,100 | 70,000 | 37,000 | A |
| F 16058 | 38,000 | 74,000 | 50,000 | A |
| F 16059 | 45,000 | 84,000 | 39,000 | A |
| F 16063 | 45,000 | 85,000 | 30,200 | A |
| F 16066 | 40,000 | 84,020 | 38,000 | A |
| F 16068 | 38,000 | 72,020 | 33,000 / 36,000 | A |
| F 16074 | 42,000 | 80,030 | 42,000 | A |
| F 16076 | 51,000 | 91,000 | 44,000 | A |
| F 16077 | 28,000 | 61,000 | 42,000 | A |
| F 16078 | 43,000 | 82,000 | 45,000 | A |
| F 16079 | 40,000 | 74,000 | 42,000 | A |
| F 16080 | 40,000 | 74,000 | 36,000 | A |
| F 16081 | 42,000 | 76,000 | 35,000 / 38,000 | A |

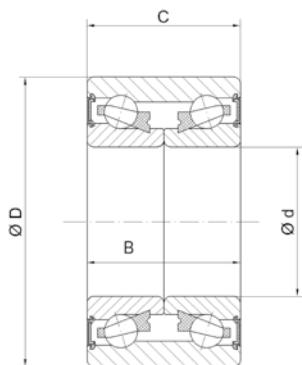
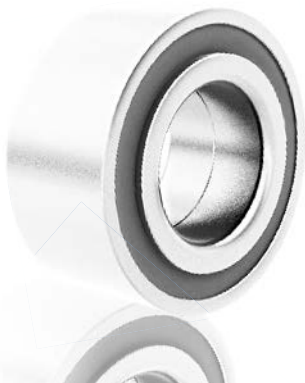
Type / Tipo



| Fersa | CROSS REF. | |  | | |
|----------------|-------------------------------|---|---|---|--|
| F 16055 | SKF IRB NATIONAL | BAHB 633966 BB IR 8593 510029 |  |  | FORD (Contour * Cougar * Escape * Mondeo) JAGUAR (X TYPE) MERCURY (Cougar * Mystique) VOLVO (S40 * V40) |
| F 16056 | SKF IRB SNR NATIONAL | BAH 0174 IR 8618 GB 40246 S02 510087 |  |  | CITROËN (EVASION * JUMPY) FIAT (SCUDO * ULYSSE) LANCIA (Zeta) LAND ROVER (FREELANDER) PEUGEOT (806 * EXPERT) |
| F 16057 | SKF FAG NATIONAL | BAHB 636193 C 805921 510055 |  |  | DODGE (ATOS * ATTITUDE) HYUNDAI (ACCENT * ATOS * Coupe * GETZ * LANTRA * Tiburon * Verna) KIA (RIO) PEUGEOT (GRAND RAID * PARTNER) |
| F 16058 | NSK NATIONAL | 38BWD06D A CA 01 510008 |  |  | NISSAN (PULSAR * SUNNY * HIKARI * TSURU II) |
| F 16059 | SKF | BAHB 636149 BC / BAHB 636149 D |  |  | MERCEDES (124 * 190 * Clase C * CLK * Clase E * Clase V * VITO * SL * SLK) CHRYSLER (CROSSFIRE) |
| F 16063 | IRB | IR 8597 |  |  | FORD (Transit) |
| F 16066 | SNR | GB 40250 S01 |  |  | RENAULT (LAGUNA * Megane * SAFRANE) |
| F 16068 | KOYO NATIONAL | DAC 3872W 8CS81 510007 |  |  | TOYOTA (COROLLA) |
| F 16074 | SKF IRB | BA2B 309609 AD IR 8515 |  |  | BMW (524 * 525 * 528 * 530 * 533 * 535 * 540 * 633 * 733 * 735 * 750 * M5 * M6) PORSCHE (911 * Boxster * Carrera) |
| F 16076 | SNR | GB 41688 P | | | |
| F 16077 | KOYO NATIONAL | DAC 286142 AW 513031 |  |  | TOYOTA (Corolla * Hiace * MR2) CHEVROLET (NOVA) |
| F 16078 | KOYO NSK NATIONAL | DAC 43820045 43 BWD 06 510006 |  |  | TOYOTA (Camry * Sienna * RAV 4) LEXUS (LX470) |
| F 16079 | KOYO NSK | DAC 40740042 B 40 BWD 12 |  |  | TOYOTA (ALVIS * AVENSIS * CELICA * COROLLA * MR2 * Prius * WISH LIMUSINA) PONTIAC (Vibe) |
| F 16080 | NSK NATIONAL | 40 BWD 15 A 510061 |  |  | NISSAN (Almera * Sentra) MITSUBISHI (LANCER) |
| F 16081 | NSK IRB NATIONAL | 40 BWD 06 IR 8650 510009 |  |  | NISSAN (ALTIMA * PRIMERA * PRAIRIE * MAXIMA) |

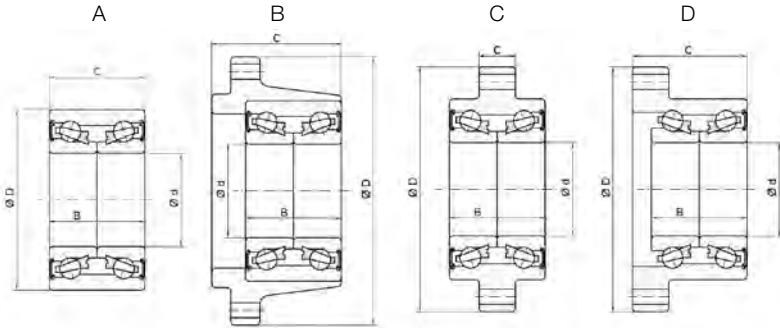
05.1 \ Special double row angular contact ball bearings




























Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|---------|--------|---------|-----------------|------|
| F 16082 | 45,000 | 84,000 | 39,000 | A |
| F 16083 | 34,000 | 67,000 | 37,000 | A |
| F 16084 | 44,990 | 84,070 | 39,000 | A |
| F 16085 | 45,000 | 80,000 | 45,000 | A |
| F 16086 | 43,000 | 80,000 | 38,000 | A |
| F 16088 | 42,000 | 80,000 | 45,000 | A |
| F 16089 | 40,000 | 74,000 | 40,000 | A |
| F 16090 | 40,000 | 80,000 | 34,000 / 36,000 | A |
| F 16091 | 40,000 | 74,000 | 34,000 / 36,000 | A |
| F 16093 | 35,000 | 66,000 | 33,000 | A |
| F 16094 | 27,000 | 134,000 | 67,600 / 50,000 | D |
| F 16095 | 28,000 | 119,000 | 52,000 / 42,000 | D |
| F 16107 | 42,000 | 80,000 | 37,000 | A |

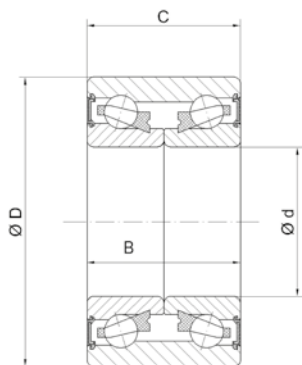
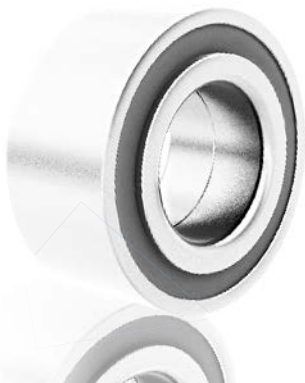
Type / Tipo



| Fersa | CROSS REF. | |  | | |
|----------------|-------------------------------|---|---|---|---|
| F 16082 | TIMKEN FAG | TKR 8572 547103E |  |  | MERCEDES BENZ (190 * Classe C * Classe E * SL * SLK) PEUGEOT (605) |
| F 16083 | FAG | 803775 |  |  | OPEL (COMBO * Corsa * MERIVA * Tigra) GM (Corsa * Corsa NOVO * MERIVA * MONTANA * TORNADO) |
| F 16084 | FAG | 547103 E |  |  | MERCEDES BENZ PEUGEOT (190 * Vito 605) |
| F 16085 | FAG NSK NATIONAL | 564725 AB 42BWD06CA98 510051 |  |  | VW (TRANSPORTER) |
| F 16086 | FAG | 579943 |  |  | FORD (GALAXY) SEAT (ALHAMBRA) VW (SHARAN) |
| F 16088 | SKF FAG SNR NATIONAL | BAH 0028 AA 579943 B GB 35457 510010 |  |  | KIA (CARENS * SHUMA * SEPHIA * Spectra) MAZDA (323 * 626 * 6 * MVP * MX 5 * MX 6 * XEDOS 6 * XEDOS 9), FORD (Focus * Fusion * LINCOLN * MKX) LINCOLN (MKZ * Zephir) MERCURY (MILLAN) VOLVO (C 30 * C 70 * S 40 * V 50) |
| F 16089 | SKF | BAH 0049 |  |  | KIA (SHUMA * SEPHIA) MAZDA (323 * MX 5 * MX 6) |
| F 16090 | SKF KOYO NATIONAL | BAHB 636187 A DAC 4060 M1 513036 |  |  | HYUNDAI (SONATA) MITSUBISHI (GALANT * ECLIPSE * Space * WAGON * Space * RUNNER) EAGLE (Summit Wagon * Talon) PLYMOUTH (Colt * Laser) |
| F 16091 | KOYO NATIONAL | DAC 40740034 / 36 510016 |  |  | MITSUBISHI (CARISMA * COLT * LANCER * MIRAGE MONTERO) DODGE (COLT) EAGLE (SUMMIT) PLYMOUTH (COLT) SUZUKI (XL 7 4X2 4X4) |
| F 16093 | SKF SNR | BAH 0015 E GB 12306S02 |  |  | FIAT (PANDA * PUNTO * SEICENTO * TIPO CINQUECENTO) |
| F 16094 | NSK | 27 BWK 04D3 |  |  | NISSAN (NX) |
| F 16095 | NSK | 28 BWK 12 |  |  | TOYOTA (Corolla) |
| F 16107 | SKF SNR | BAH 0004 AA GB 12955S04 |  |  | ALFA ROMEO (145 * 146 * 155 * 164 * GTV * SPIDER) FIAT (BRAVO * Coupe * CROMA * MAREA) LANCIA (DELTA * KAPPA * THEMA) |

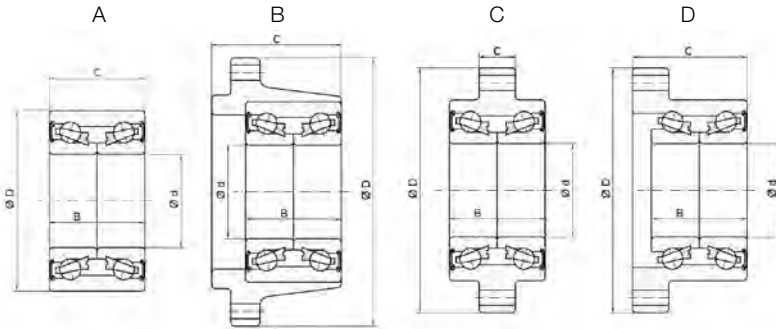
05.1 \ Special double row angular contact ball bearings























Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|------------------|-----------------|--------|-----------------|------|
| F 16108 | 40,000 | 84,060 | 39,700 / 38,800 | A |
| F 16109 | 49,000 | 88,000 | 46,000 | A |
| F 16110 | 39,000 | 72,000 | 37,000 | A |
| N F 16115 | 36,000 | 68,000 | 33,000 | A |
| F 16117 | 38,000 | 73,000 | 40,000 | A |
| F 16118 | 43,000 / 45,000 | 85,000 | 37,000 | A |
| N F 16120 | 38,000 | 71,020 | 33,000/33,000 | A |
| F 16121 | 45,000 | 88,020 | 39,000 | A |
| F 16123 | 45,000 | 86,000 | 39,000 | A |
| F 16124 | 38,000 | 72,000 | 40,000 | A |
| F 16128 | 45,000 | 86,000 | 39,000 | A |
| F 16129 | 25,000 | 52,000 | 42,000 | A |
| F 16193 | 43,000 | 78,000 | 44,000 | A |
| F 16194 | 42,000 | 76,000 | 39,000 | A |
| F 16195 | 42,000 | 76,000 | 37,000 / 40,000 | A |
| F 16196 | 43,000 | 76,000 | 43,000 | A |
| F 16197 | 42,000 | 76,000 | 33,000 | A |
| F 16198 | 40,000 | 76,000 | 33,000 | A |

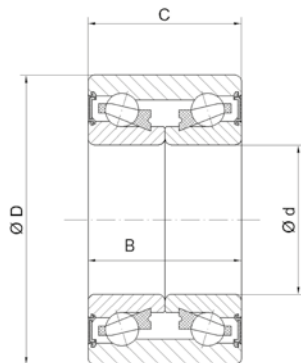
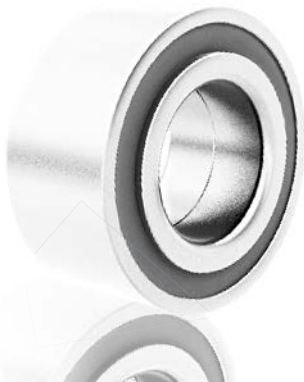
Type / Tipo



| Fersa | CROSS REF. | |  | | |
|------------------|--------------------------------|---|---|---|---|
| F 16108 | SNR | XGB 40492 S01 P |  |  | RENAULT (Laguna) |
| F 16109 | SNR NSK | GB 40279S01 49BWD01BCA116 |  |  | MERCEDES (Clase M) |
| F 16110 | SKF SNR | BAH 0106 D XGB 35447 |  |  | FORD (Fiesta * Fusion * Focus), VW (SAVEIRO) |
| N F 16115 | NATIONAL | 510001 |  |  | Suzuki Swift |
| F 16117 | NTN NATIONAL | DE 08A48LLCS46PX1/ L260 510015 |  |  | HONDA (CIVIC IV V * CR V * LOGO) |
| F 16118 | SKF | BAHB 636214 A |  |  | AUDI (A4 * A8) |
| N F 16120 | KOYO | DAC3871W2CS70 |  |  | Toyota Corolla |
| F 16121 | SNR | GB 40300 |  |  | RENAULT (AVANTTIME * ESpace III) |
| F 16123 | SNR | GB 40575 S02 |  |  | NISSAN (Primastar * Opel Vivaro) |
| F 16124 | SNR NACHI | GB 35275 38BVV07 10G |  |  | HONDA (CIVIC I III * ROVER 200) |
| F 16128 | SNR | XGB 40575 S02 P |  |  | NISSAN (Primastar) OPEL (Vivaro) RENAULT (Space) |
| F 16129 | SNR NTN | GB 35098 AU 0501 |  |  | OPEL (AGILA) SUZUKI (IGNIS) |
| F 16193 | NTN NATIONAL | AU 0933 510089 |  |  | HONDA (Civic) |
| F 16194 | NSK NATIONAL | 27 BWK 04D3 513058 |  |  | CHRYSLER (Petit Cruiser) DODGE (Neon) FORD (COUGAR * MUSTANG * TAURUS * THUNDERBIRD * WINDSTAR) LINCOLN (Mark VIII) MERCURY (Cougar * Sable) |
| F 16195 | SKF FAG KOYO NATIONAL | BAHB309796A 547059 DAC4276W 513006 |  |  | CHRYSLER (DART K * LEBARON * NEW YORKER * PHANTOM * SHADOW * VOLARE K) DODGE (CARAVAN) PLYMOUTH (VOYAGER) |
| F 16196 | NSK NATIONAL | 43 BWD 12A JB 5C01 510060 |  |  | NISSAN (Altima * Maxima * X-Trail) INFINITI (i30 * i 35) |
| F1 6197 | NATIONAL | 510057 |  |  | DODGE (Neon) CHRYSLER (PT CRUISER) |
| F 16198 | NATIONAL | 510032 |  |  | DODGE (Neon) |

05.1 \ Special double row angular contact ball bearings

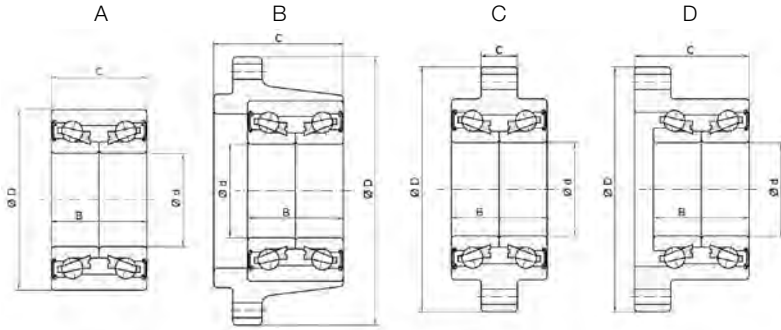
Rodamientos de bolas de doble hilera de contacto angular especiales



| Fersa | d (mm) | D (mm) | C / B (mm) | TYPE |
|------------------|--------|--------|------------|------|
| F 16199 | 47,000 | 81,000 | 53,000 | A |
| F 16200 | 35,000 | 64,000 | 37,000 | A |
| F 16201 | 35,000 | 72,000 | 34,000 | A |
| F 16202 | 50,000 | 90,000 | 40,000 | A |
| F 16203 | 42,000 | 78,000 | 45,000 | A |
| N F 16204 | 35,000 | 72,000 | 33,000 | A |
| N F 16205 | 39,100 | 74,000 | 34,000 | A |
| N F 16207 | 42,000 | 80,000 | 36,000 | A |
| N F 16208 | 49,000 | 88,000 | 48,000 | A |



Type / Tipo



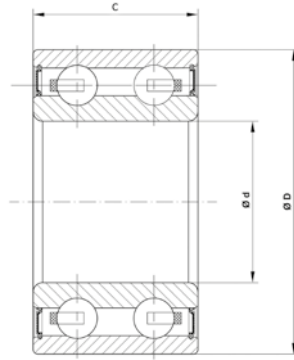
| Fersa | CROSS REF. | | | | |
|------------------|--|---|--|-----|---|
| | | | | | |
| F 16199 | KOYO NATIONAL | DAC4781W 510028 | | | NISSAN (Quest) |
| F 16200 | SKF KOYO NATIONAL | BAH 0042 DAC3564A1 510014 | | | CITROËN (Evasion Jumpy) DAIHATSU (CHARADE) |
| F 16201 | NKE LEMKEN SNR CLAAS KOYO NATIONAL SKF | 3198750 F214101-1 GB-40582 939717.0 DAC 35720034 A 510014 VKBA 857D | | | HONDA (Accord * Civic * Prelude) |
| F 16202 | LINNING | 33.030 | | FAN | |
| F 16203 | SKF | BAH 0069 | | | FORD (Escape) |
| N F 16204 | SKF | BAH 0164 | | | |
| N F 16205 | FAG NATIONAL | 584183 510078 | | | HUNDAI (Elantra * Coupe) KIA (Cerato) |
| N F 16207 | SKF | BAH-0117 | | | HYUNDAI (Coupe * Elantra * XG * Sonata IV) KIA Cerato * Magentis |
| N F 16208 | NSK | 49BWD03CA | | | VOLKSWAGEN (Amarok) |



05.2\

Standard double row angular contact ball bearing

Rodamiento de bolas de doble hilera de contacto angular estándar



| Fersa | d (mm) | D (mm) | C (mm) |
|----------------------|--------|---------|--------|
| 3206 B 2RS/C3 | 30,000 | 62,000 | 23,800 |
| 3207 B 2RS/C3 | 35,000 | 72,000 | 27,000 |
| 3208 B 2RS/C3 | 40,000 | 80,000 | 30,200 |
| 3307 B 2RS/C3 | 35,000 | 80,000 | 34,900 |
| 3210 B 2RS/C3 | 50,000 | 90,000 | 30,200 |
| 3212 B 2RS/C3 | 60,000 | 110,000 | 36,500 |



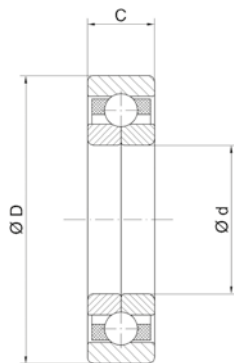
A series of horizontal dotted lines for writing or calculation.



A series of horizontal lines for writing, starting from the pencil icon and extending across the page.

05.3 \ Four point angular contact ball Bearings

Rodamientos de bolas de cuatro puntos de contacto angular



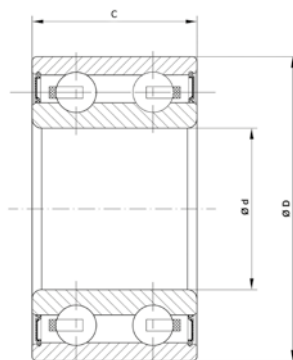
| Fersa | d (mm) | D (mm) | C (mm) |
|--------------|--------|---------|--------|
| QJ 208 FM | 40,000 | 80,000 | 18,000 |
| QJ 208 FM/C3 | 40,000 | 80,000 | 18,000 |
| QJ 209 FM | 45,000 | 85,000 | 19,000 |
| QJ 209 FM/C3 | 45,000 | 85,000 | 19,000 |
| QJ 211 FM | 55,000 | 100,000 | 21,000 |
| QJ 211 FM/C3 | 55,000 | 100,000 | 21,000 |
| QJ 212 FM | 60,000 | 110,000 | 22,000 |
| QJ 212 FM/C3 | 60,000 | 110,000 | 22,000 |
| QJ 309 FM | 45,000 | 100,000 | 25,000 |
| QJ 309 FM/C3 | 45,000 | 100,000 | 25,000 |



A series of horizontal dotted lines for writing notes.



Handwriting practice area consisting of multiple horizontal dotted lines.



| Fersa | d (mm) | D (mm) | C / B (mm) |
|---------|--------|--------|-----------------|
| F 16097 | 30,000 | 52,000 | 22,000 |
| F 16098 | 30,000 | 55,000 | 23,000 |
| F 16099 | 35,000 | 50,000 | 20,000 |
| F 16100 | 35,000 | 55,000 | 20,000 |
| F 16101 | 35,000 | 52,000 | 22,000 |
| F 16102 | 40,000 | 62,000 | 24,000 |
| F 16103 | 40,000 | 62,000 | 20,625 |
| F 16104 | 30,000 | 62,000 | 27,000 |
| F 16189 | 40,000 | 57,000 | 24,000 |
| F 16190 | 40,000 | 62,000 | 20,600 / 24,000 |




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| Fersa | CROSS REF. | |  | COMPRESSOR TYPE |
|----------------|---------------------------------|---|--|---|
| F 16097 | NACHI NSK KOYO NTN | 30 BG 05S 2G - 2DS 30 BD 5222 FX DAC 3052- 32 RR9 DS 10Z | Toyota, Daihatsu, HINO, Honda, Mitsubishi, Mazda, FUJI, Isuzu, Jaguar, Chrysler, BMW USA, GM, Honda USA, John Deere, Rover, Toyota UK, Fiat, Hyundai, Kia, Mercedes Benz, Porsche. | Denso |
| F 16098 | NACHI NSK KOYO | 30 BG 05S 5G - 2DS 30 BD 40 A - T1Z DDF1 30 BG 05 S5G - 2DST2 | Ford, Hyundai, Kia, Mitsubishi | Behr - Bosch - Diesel Kiki - Nihon - York |
| F 16099 | NACHI NSK | 35 BG 05S 7G 2DS 35 BD 5020 DUK | Ford, Mitsubishi, Nissan, Honda | Delphi - Mitsubishi - Sanden - Seiko Seiki |
| F 16100 | NACHI NSK KOYO NTN | 35 BG 05S 10G 2DL 35 BD 219T - 1Z DDU K8 DAC 3555 RD 3H - 83 A 694 30 BG 04 S15G - 2DST | GM, Nissan, Chrysler, Kia, Hyundai, Honda | Diesel - Kiki - Matsushita - Nihon - Sanden - Seltec |
| F 16101 | NACHI NSK | 35 BG 52 22 - 2DS 35 BD 52 22 DF X7 | Mercedes Benz, Audi, Volkswagen | Delphi - Denso |
| F 16102 | NACHI NSK KOYO NTN | 40 BG S1 1G - 2DS DF 0865 83 A 5518 40 BD 219T 12 DDU | Toyota, Daihatsu, Mitsubishi, Rover, Volkswagen BRASIL, Fiat BRASIL | Denso - Hitachi - Nihon - Sanden - Seiko Seiki |
| F 16103 | NACHI NSK | 40 BG 620 20 - 2DL 40 BD 49V | GM , Daewoo | Keihin - Seiko Seiki |
| F 16104 | NACHI KOYO NTN | 30 BG S 12G - 2DS BD 30 - 11 A 5206 #37 | Chrysler | Chrysler - White |
| F 16189 | NACHI NSK KOYO NTN | 40 BG 05S 2G - 2DS 40 BD 45 T12 DDU 40 BD 45 T12 2TS2 - DF 0882 LL BCS | Mitsubishi, Volkswagen | Mitsubishi - Sanden |
| F 16190 | NACHI NSK KOYO NTN | 40 BG S 12G - 2DS 40 BD 49 AWT12 DDU 40 BD 49 AW 5908 - 2RSWE | Ford, Hino, Mazda, Chrysler | Denso |



Thrust ball bearings

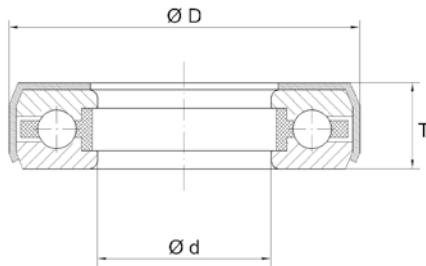
Rodamientos axiales de bolas

| | | |
|--------|--|-----|
| 06.1 \ | Thrust ball bearings / Rodamientos axiales de bolas | 100 |
| 06.2 \ | Clutch release bearing / Rodamientos de embrague | 102 |

06



06.1 Thrust ball Bearings
Rodamientos axiales de bolas

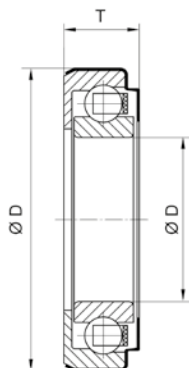


| Fersa | d (mm) | D (mm) | T (mm) |
|---------|--------|-------------------|--------|
| F 15004 | 41,500 | 66,000 | 16,000 |
| F 15031 | 52,400 | 86,000 / 91,000 | 20,550 |
| F 15033 | 14,200 | 36,600 | 11,000 |
| F 15034 | 12,200 | 36,600 | 11,000 |
| F 15057 | 52,400 | 83,800 / 89,000 | 20,300 |
| F 15058 | 63,500 | 99,900 / 105,000 | 23,000 |
| F 15059 | 69,840 | 112,200 / 113,800 | 22,100 |
| F 15060 | 65,000 | 111,700 / 113,600 | 22,100 |
| F 15064 | 41,530 | 72,200 | 21,400 |
| F 15091 | 38,090 | 67,300 / 72,500 | 18,200 |



A series of horizontal dotted lines for writing notes.

06.2 \ Clutch release bearing Rodamientos de embrague



| Fersa | d (mm) | D (mm) | T (mm) |
|---------|---------|---------|--------|
| F 15005 | 60,000 | 112,000 | 33,000 |
| F 15052 | 16,300 | 56,000 | 9,000 |
| F 15070 | 75,000 | 117,000 | 32,000 |
| F 15118 | 63,500 | 103,000 | 21,400 |
| F 15139 | 60,000 | 96,500 | 29,600 |
| F 15140 | 60,000 | 96,500 | 25,600 |
| F 15141 | 55,000 | 91,500 | 25,000 |
| F 15209 | 65,000 | 96,500 | 22,500 |
| F 15210 | 106,000 | 140,000 | 25,000 |
| F 15211 | 65,000 | 101,700 | 21,750 |
| F 15224 | 78,000 | 110,000 | 8,700 |
| F 18012 | 46,030 | 73,660 | 15,875 |
| F 18013 | 46,030 | 73,660 | 18,000 |
| F 18028 | 106,000 | 140,000 | 21,000 |
| F 18031 | 63,500 | 102,000 | 20,570 |
| F 18040 | 63,500 | 100,000 | 23,000 |



A series of horizontal dotted lines for writing notes, with a small blue pencil icon at the top left.

| Fersa | CROSS REF. | | | | |
|----------------|------------|-----------------------|--|----|------------------------------|
| F 15005 | IRB | IR 128 | | | |
| F 15052 | SNR | AP 40016 | | SS | RENAULT (Clio) |
| F 15070 | | | | | |
| F 15118 | KOYO | CT 1310 | | | |
| F 15139 | INA | F 45815 | | CL | MERCEDES BENZ (O 370) |
| F 15140 | INA FAG | F 45815.1 549097 A | | CL | VALTRA |
| F 15141 | INA FAG | F 113519 530689 B | | CL | VALTRA |
| F 15209 | FAG | 535000 | | | |
| F 15210 | FAG | 535001 | | | |
| F 15211 | RHP | 15/W65 | | | |
| F 15224 | SNR | AP 40277 S01 | | | |
| F 18012 | IRB | IR 164 | | | |
| F 18013 | | | | | |
| F 18028 | | | | | |
| F 18031 | KOYO | CT1310 ARSEDCS23 | | | |
| F 18040 | INA | F 113021 | | CL | AGCO / VALTRA |

06



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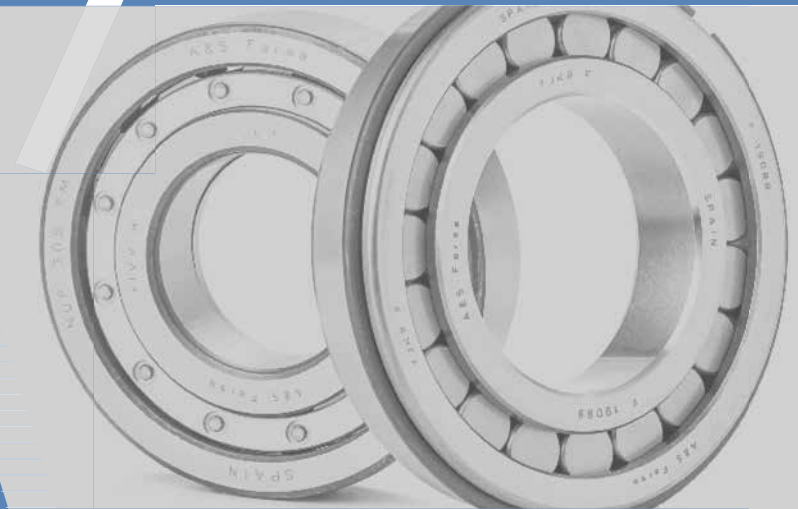
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Cylindrical roller bearings

Rodamientos cilíndricos

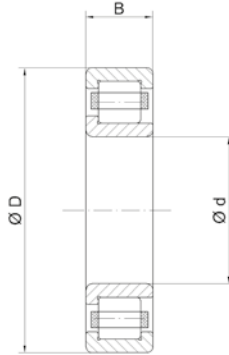
| | | |
|--------|--|-----|
| 07.1 \ | Standard cylindrical bearings / Rodamientos cilíndricos estándar | 106 |
| 07.2 \ | Special cylindrical bearings / Rodamientos cilíndricos especiales | 110 |

07



07.1 \ Standard cylindrical Bearings

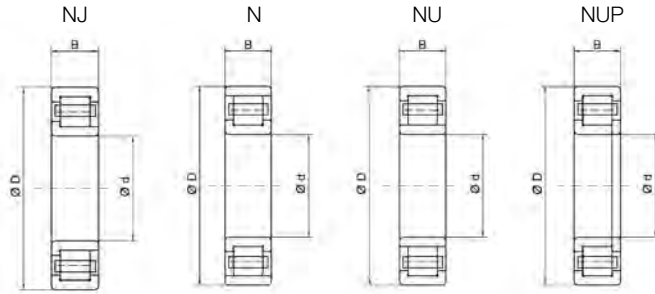
Rodamientos cilíndricos estándar



| Fersa | d (mm) | D (mm) | B (mm) |
|----------------|--------|---------|--------|
| N SERIE | | | |
| N 206 FM | 30,000 | 62,000 | 16,000 |
| N 211 FMNR/C4 | 55,000 | 100,000 | 21,000 |
| N 307 FM | 35,000 | 80,000 | 21,000 |

| NJ SERIE | | | |
|------------------------|---------|---------|--------|
| NJ 210 FM | 50,000 | 90,000 | 20,000 |
| NJ 210 FM/C3 | 50,000 | 90,000 | 20,000 |
| NJ 215 F/C3 | 75,000 | 130,000 | 25,000 |
| NJ 215 FP/C3 | 75,000 | 130,000 | 25,000 |
| NJ 305 F | 25,000 | 62,000 | 17,000 |
| NJ 306 FM | 30,000 | 72,000 | 19,000 |
| NJ 307 F | 35,000 | 80,000 | 21,000 |
| NJ 308 FM | 40,000 | 90,000 | 23,000 |
| NJ 309 FM | 45,000 | 100,000 | 25,000 |
| NJ 310 FM | 50,000 | 110,000 | 27,000 |
| NJ 405 F | 25,000 | 80,000 | 21,000 |
| NJ 406 FM/C3 | 30,000 | 90,000 | 23,000 |
| N NJ 416 FM/C3 | 80,000 | 200,000 | 48,000 |
| NJ 1014 | 70,000 | 110,000 | 20,000 |
| NJ 1024 FM | 120,000 | 180,000 | 28,000 |
| NJ 2205 FM/C3 | 25,000 | 52,000 | 18,000 |
| N NJ 2222 FM/C3 | 110,000 | 200,000 | 53,000 |
| N NJ 2315 FM/C4 | 75,000 | 160,000 | 55,000 |
| N NJ 2322 FM/C3 | 110,000 | 240,000 | 80,000 |

| NU SERIE | | | |
|-----------------|--------|--------|--------|
| NU 202 FM/C3 | 15,000 | 35,000 | 11,000 |
| NU 206 FM | 30,000 | 62,000 | 16,000 |
| NU 208 FMN | 40,000 | 80,000 | 18,000 |
| NU 208 FMN/C3 | 40,000 | 80,000 | 18,000 |
| NU 209 FM | 45,000 | 85,000 | 19,000 |
| NU 209 FMN | 45,000 | 85,000 | 19,000 |
| NU 209 FMN/C3 | 45,000 | 85,000 | 19,000 |
| NU 307 F | 35,000 | 80,000 | 21,000 |



Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
M Machined brass cage / Jaula de latón
N Snap ring groove in outer ring / Ranura y anillo elástico en aro exterior
NR Snap ring groove and snap ring in outer ring / Ranura y anillo elástico y arandela de seguridad en aro exterior
P Polyamide cage / Jaula de poliamida

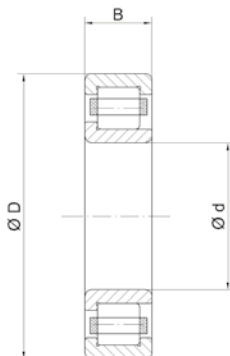
| Fersa | d (mm) | D (mm) | B (mm) |
|----------------|--------|---------|--------|
| NU 308 FM | 40,000 | 90,000 | 23,000 |
| NU 309 FM | 45,000 | 100,000 | 25,000 |
| NU 309 FMN | 45,000 | 100,000 | 25,000 |
| NU 309 FMNR/C3 | 45,000 | 100,000 | 25,000 |
| NU 310 F | 50,000 | 110,000 | 27,000 |
| NU 310 FM | 50,000 | 110,000 | 27,000 |
| NU 310 FM/C3 | 50,000 | 110,000 | 27,000 |
| NU 310 FMN/C3 | 50,000 | 110,000 | 27,000 |
| NU 1008 FM | 40,000 | 68,000 | 15,000 |
| NU 1011 FM | 55,000 | 90,000 | 18,000 |
| NU 2207 FM | 35,000 | 72,000 | 23,000 |
| NU 2215 FM | 75,000 | 130,000 | 31,000 |
| NU 2216 FM | 80,000 | 140,000 | 33,000 |
| NU 2306 F | 30,000 | 72,000 | 27,000 |
| NU 2306 F/C3 | 30,000 | 72,000 | 27,000 |
| NU 2306 FM/C3 | 30,000 | 72,000 | 27,000 |
| NU 2307 F | 35,000 | 80,000 | 31,000 |
| NU 2307 F/C3 | 35,000 | 80,000 | 31,000 |
| NU 2307 FM/C3 | 35,000 | 80,000 | 31,000 |

NUP SERIE

| NUP SERIE | | | |
|-----------------|--------|---------|--------|
| NUP 206 FM | 30,000 | 62,000 | 16,000 |
| NUP 209 FM | 45,000 | 85,000 | 19,000 |
| NUP 211 FM/C3 | 55,000 | 100,000 | 21,000 |
| NUP 212 FM | 60,000 | 110,000 | 22,000 |
| NUP 213 FPNR/C3 | 65,000 | 120,000 | 23,000 |
| NUP 304 FM/C3 | 20,000 | 52,000 | 15,000 |
| NUP 307 FP/C3 | 35,000 | 80,000 | 21,000 |
| NUP 308 FM | 40,000 | 90,000 | 23,000 |
| NUP 308 FM/C3 | 40,000 | 90,000 | 23,000 |
| NUP 308 FMNR/C3 | 40,000 | 90,000 | 23,000 |
| NUP 308 FP | 40,000 | 90,000 | 23,000 |
| NUP 309 FM | 45,000 | 100,000 | 25,000 |
| NUP 309 FM/C3 | 45,000 | 100,000 | 25,000 |
| NUP 309 FMN | 45,000 | 100,000 | 25,000 |

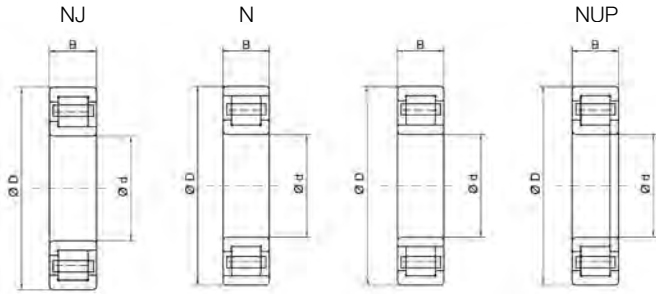
07.1 \ Standard cylindrical Bearings

Rodamientos cilíndricos estándar



| Fersa | d (mm) | D (mm) | B (mm) |
|-------------------------|--------|---------|--------|
| NUP 309 FN/C3 | 45,000 | 100,000 | 25,000 |
| NUP 309 FP | 45,000 | 100,000 | 25,000 |
| NUP 310 FM/C3 | 50,000 | 110,000 | 27,000 |
| NUP 310 FNR/C3 | 50,000 | 110,000 | 27,000 |
| NUP 310 FP | 50,000 | 110,000 | 27,000 |
| NUP 311 FMNR/C3 | 55,000 | 120,000 | 29,000 |
| NUP 312 FMNR/C3 | 60,000 | 130,000 | 31,000 |
| NUP 314 FM/C3 | 70,000 | 150,000 | 35,000 |
| NUP 314 FMNR/C3 | 70,000 | 150,000 | 35,000 |
| NUP 2205 FM/C3 | 25,000 | 52,000 | 18,000 |
| NUP 2212 FM/C3 | 60,000 | 110,000 | 28,000 |
| NUP 2212 FMNR/C3 | 60,000 | 110,000 | 28,000 |
| NUP 2212 FP/C3 | 60,000 | 110,000 | 28,000 |



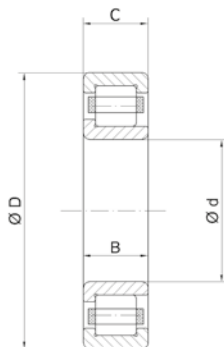


Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- M** Machined brass cage / Jaula de latón
- N** Snap ring groove in outer ring / Ranura y anillo elástico en aro exterior
- NR** Snap ring groove and snap ring in outer ring / Ranura y anillo elástico y arandela de seguridad en aro exterior
- P** Polyamide cage / Jaula de poliamida

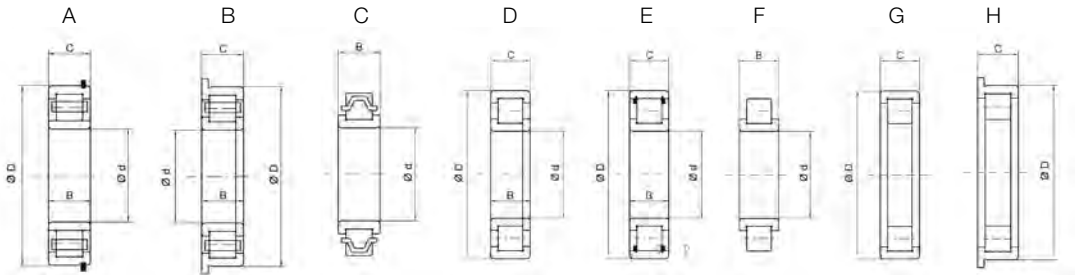


















07.2 \ Special cylindrical Bearings Rodamientos cilíndricos especiales



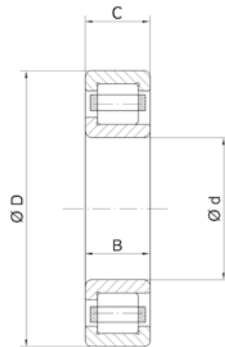
| Fersa | d (mm) | D (mm) | T (mm) | TYPE |
|---------|--------|---------|-----------------|------|
| F 19001 | 45,000 | 100,000 | 36,000 | A |
| F 19002 | 45,000 | 100,000 | 25,000 | D |
| F 19003 | 45,000 | 100,000 | 25,000 | D |
| F 19004 | 25,000 | 52,000 | 18,000 / 20,600 | D |
| F 19005 | | 54,600 | 22,000 | G |
| F 19006 | 40,000 | 90,000 | 23,000 | D |
| F 19008 | 80,000 | 150,000 | 27,500 / 28,000 | B |
| F 19009 | 60,000 | 130,000 | 31,000 | B |
| F 19010 | 65,000 | 140,000 | 33,350 | B |
| F 19011 | 60,000 | 110,000 | 22,000 | B |
| F 19012 | 35,000 | 80,000 | 23,000 | A |
| F 19013 | 40,000 | 90,000 | 27,000 / 24,900 | D |
| F 19014 | 38,000 | 90,000 | 23,000 / 22,000 | D |
| F 19015 | 45,000 | 95,000 | 28,000 / 32,000 | A |
| F 19016 | 63,000 | | 34,800 | C |
| F 19017 | 25,500 | | 19,000 | C |
| F 19019 | 30,000 | | 26,000 | C |
| F 19020 | 35,000 | 80,000 | 22,000 | D |
| F 19022 | 84,980 | 150,000 | 27,500 / 28,000 | B |
| F 19023 | 25,000 | 52,000 | 18,000 | D |
| F 19024 | 30,000 | 59,000 | 13,000 / 15,000 | A |
| F 19025 | 30,000 | 62,000 | 20,000 | E |
| F 19026 | 50,000 | 90,000 | 23,000 | E |

Type / Tipo



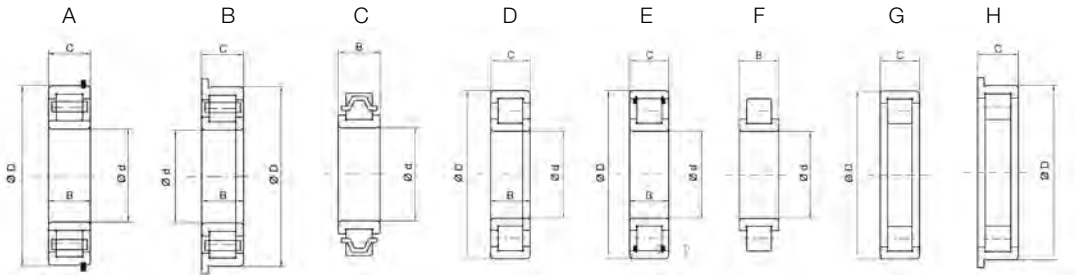
| Fersa | CROSS REF. | |  | | |
|---------|------------|-------------------------|---|---|---|
| F 19001 | FAG | 805262 |  |  | SCANIA (R780 * R782 * RV 761) |
| F 19002 | SKF | NJ 309 VHNRC4 |  |  | SCANIA (R751 * R752 * RV 770 * RV760) |
| F 19003 | SKF | NUP 309 NR.C4 | | | |
| F 19004 | NACHI | NUPK 2205 S13 | | | |
| F 19005 | | TJ 600 167 | | | |
| F 19006 | SKF | NJ 308 VH.NR.C4 |  |  | SCANIA (R640 * R651 * R652 * R653 * RB652) |
| F 19008 | SKF FAG | BC1B 319552 566616 B |  |  | ZF (8S 1350 * 16K 130 * 16K 160 * 16K 190 * 16S 130 * 16S 160 * 16S 190 * 16S 1300 * 16S 1600 * 16S 1650) |
| F 19009 | SKF FAG | 635245 540106 |  |  | ZF (8S 1350 * 16K 130 * 16K 160 * 16K 190 * 16S 130 * 16S 160 * 16S 190 * 16S 1300 * 16S 1600 * 16S 1650) |
| F 19010 | FAG | 805449 |  |  | ZF (16S 130 * 16S 160 * 16S 190 * 16S 1300 * 16S 1600 * 16S 1650 * 16S 1900) |
| F 19011 | SKF FAG | 315070 B 512099 TVP2 |  |  | MERCEDES BENZ (3 50 * G3 60D) |
| F 19012 | FAG | 510148 A |  |  | MERCEDES BENZ (1113 * 1214 * 1218 * 1414 * 1418 * 1618) |
| F 19013 | INA | F210540 |  |  | MERCEDES BENZ (HL4) |
| F 19014 | SKF | BC1B 246747 |  |  | SCANIA (R641 * R642) |
| F 19015 | SKF INA | 314984 F 45814 |  |  | MERCEDES BENZ (HL5) |
| F 19016 | INA | F 90836.1A |  |  | ZF (16K 160 * 16K 190 * 16S 130 * 16S 1300 * 16S 1600) |
| F 19017 | | | | | |
| F 19019 | FAG INA | 512533 31173 |  |  | ZF (4K 120,4K 121 * 5K 90 * 5K 91,5K 110 * 5S 111) |
| F 19020 | INA | F 45864.1 |  |  | MERITOR (RS 230 + MS 235 * RS23 240 + MS 245) |
| F 19022 | FAG | NUP 524213M |  |  | ZF (4K 120,4K 121 * 5K 90 * 5K 91,5K 110 * 5S 111) |
| F 19023 | NACHI | NUPK 2205 S1 NR | | | |
| F 19024 | RHP | RJ 2022 | | | |
| F 19025 | SKF | 2206 VF 153B | | | |
| F 19026 | SKF | N 2210 W | | | |










































07.2 \ Special cylindrical Bearings Rodamientos cilíndricos especiales



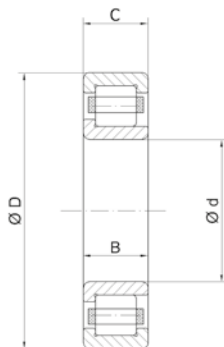
| Fersa | d (mm) | D (mm) | T (mm) | TYPE |
|------------------|--------|---------|-----------------|------|
| F 19029 | 25,000 | 52,000 | 21,000 | A |
| F 19030 | 49,930 | 80,000 | 15,000 | E |
| F 19031 | 30,000 | 61,935 | 19,050 | E |
| F 19032 | 24,000 | | 17,000 | F |
| F 19033 | 40,000 | 90,000 | 25,000 | E |
| F 19034 | 40,000 | 90,000 | 23,000 | E |
| F 19035 | 35,000 | 72,000 | 20,600 | E |
| F 19037 | 35,000 | | 25,000 | C |
| F 19038 | 63,000 | | 37,500 | C |
| F 19039 | 80,000 | 140,000 | 33,500 | B |
| N F 19040 | 25,000 | 62,000 | 17,000 / 19,000 | |
| F 19042 | 60,000 | 110,000 | 28,000 | A |
| F 19043 | 34,993 | 80,000 | 23,000 | A |
| F 19044 | 45,000 | 100,000 | 25,000 | A |
| F 19045 | 30,000 | 61,935 | 23,813 | E |
| F 19046 | 50,000 | 100,000 | 25,000 | B |
| F 19047 | 60,000 | 116,000 | 28,000 | B |
| F 19048 | 36,000 | | 20,000 | F |
| F 19055 | 15,875 | 47,000 | 14,000 | A |
| F 19061 | 67,000 | | 32,000 | C |
| F 19062 | 67,000 | | 38,000 | C |
| F 19063 | 45,000 | 100,000 | 31,000 | E |
| F 19064 | 65,000 | 140,000 | 33,000 | B |
| F 19065 | 40,000 | | 29,000 | C |
| F 19066 | 35,000 | 62,000 | 16,700 / 19,000 | A |
| F 19067 | 38,000 | 83,000 | 25,400 | E |
| F 19068 | | 62,000 | 16,000 | G |

Type / Tipo



| Fersa | CROSS REF. | |  | | |
|------------------|------------|------------------------|---|---|---|
| F 19029 | SKF | BC1B 635251 |  |  | FIAT (Duna * Uno * Spacio * Vivace * Brio * 147) |
| F 19030 | FLT | CBK 238 | | | |
| F 19031 | FLT | CBK 239 | | | |
| F 19032 | TORRINGTON | 544740 B | | | |
| F 19033 | TORRINGTON | RU 9008 UM |  |  | MERITOR (900) |
| F 19034 | TORRINGTON | MU 1308 UM |  |  | EATON (RS440) |
| F 19035 | TORRINGTON | RU 1570 UM |  |  | DANA SPICER (N400) |
| F 19037 | INA | F 88545 |  |  | ZF (16K 160 * 16K 190 * 16S 130 * 16S 1300 * 16S 1600) |
| F 19038 | INA | F 88816.2 |  |  | ZF (16S 160 * 16S 190) |
| F 19039 | SKF FAG | BC1B 312219 805450 |  |  | ZF (16S 1650) |
| N F 19040 | TORRINGTON | MU1305TDM |  |  | EATON (16244) |
| F 19042 | FAG | 804339 |  |  | ZF (S5 680 * S6 680) |
| F 19043 | FAG | 510148 B |  |  | MERCEDES BENZ (HL4) |
| F 19044 | FAG INA | 508204 E.TVP 561521 |  |  | MERCEDES BENZ (G3 36 * G3 40 * G3 50 * G3 60) |
| F 19045 | SNR | ETR 122205 | | | |
| F 19046 | SKF | BC1B 322467 |  |  | MERCEDES BENZ (G3 45 * G3 55) |
| F 19047 | SKF | BC1B 322172 A |  |  | MERCEDES BENZ (G3 45 * G3 55) |
| F 19048 | INA | F 93666.2 |  |  | FORD (6600 * 6610) |
| F 19055 | RHP | RJ 2023 | | | |
| F 19061 | INA | F 211413.2 |  |  | ZF (16S 150 * 16S 151) |
| F 19062 | INA | F 211408.5 |  |  | ZF (16S 220 * 16S 221) |
| F 19063 | SKF | BC1B 320308 A |  |  | ROCKWELL (U167 * U177 * U180) |
| F 19064 | SKF | BC1B 319546C / VB017 | | | |
| F 19065 | SKF | BC1B 246037 A |  |  | VOLVO (R1400 * R1700 * SR1400 * SR1700 * SR2000 * SR2400) |
| F 19066 | INA | F 43710.1 |  |  | VOLKSWAGEN (Transporter) |
| F 19067 | LBC | 4302712 | | | |
| F 19068 | TORRINGTON | M 1206 EL |  |  | GMC (1500 * 3000) |

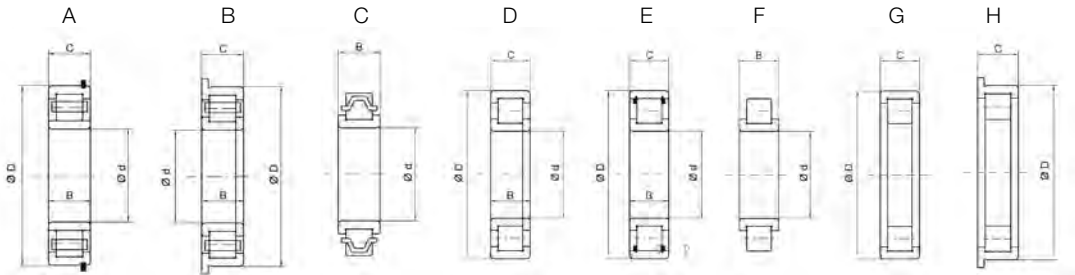
07.2 \ Special cylindrical Bearings Rodamientos cilíndricos especiales





































| Fersa | d (mm) | D (mm) | T (mm) | TYPE |
|------------------|--------|---------|-----------------|------|
| F 19069 | | 80,000 | 26,500 | G |
| F 19070 | 50,000 | 110,000 | 32,300 / 27,000 | A |
| F 19071 | 50,000 | 110,000 | 32,300 / 27,000 | A |
| F 19075 | 30,000 | | 23,000 | C |
| F 19076 | 38,000 | 94,000 | 33,000 / 31,500 | D |
| F 19077 | 35,000 | 80,000 | 21,000 | E |
| F 19078 | 30,000 | 80,000 | 21,000 | E |
| F 19079 | | 55,000 | 20,000 | G |
| F 19080 | 45,000 | 100,000 | 36,000 | A |
| F 19081 | 45,000 | 100,000 | 31,000 | A |
| F 19083 | 30,000 | 80,000 | 21,000 | E |
| F 19084 | 35,000 | 90,000 | 23,000 | E |
| N F 19085 | 45,000 | 100,000 | 25,000 | E |
| F 19086 | 35,000 | 72,000 | 26,988 | E |
| N F 19088 | 60,000 | 110,000 | 22,000 | E |
| N F 19089 | 40,000 | 94,000 | 30,000 | A |
| N F 19090 | 37,000 | 57,000 | 31,000 | A |
| N F 19091 | 30,000 | 72,000 | 19,000 | A |



Type / Tipo



| Fersa | CROSS REF. | |  | | |
|------------------|------------|-----------------------|---|---|---|
| F 19069 | INA | F 237594 |  |  | MERCEDES BENZ (G3/60 * G3/85) |
| F 19070 | SKF | BC1 0058 |  |  | EATON FULLER (FSV 8209A) |
| F 19071 | SKF | BC1 0125 |  |  | EATON FULLER (FSV 8209A) |
| F 19075 | INA | 87486 |  |  | ZF (8S 1350 * 16K 130 * 16S 130 * 16S 1300 * 16S 1350) |
| F 19076 | FAG | 580989 |  |  | SCANIA (R560 * R660) |
| F 19077 | TORRINGTON | MU 1307 TM |  |  | DANA (14136) |
| F 19078 | TORRINGTON | MUS 1307 TM |  |  | EATON (D600) |
| F 19079 | NACHI | 31 RUKSS2N C3 | | | |
| F 19080 | SKF | NJG 2309 VH/C3 VB027 |  |  | VOLVO (EV90 * EV91) |
| F 19081 | FAG SKF | 563809 BC1B 322722 |  |  | DAF (1347) |
| F 19083 | TORRINGTON | MUS1307UM |  |  | EATON (21065T) |
| F 19084 | TORRINGTON | MUB1308UM |  |  | EATON (DP440P * DT440P) |
| N F 19085 | TORRINGTON | BS500192S |  |  | FULLER (RTLO 16918) |
| F 19086 | TORRINGTON | MUB5207UM |  |  | EATON (23070T * 23070P) |
| N F 19088 | TORRINGTON | MU 1212 RUMW3 |  |  | EATON (RTLO 16918) |
| N F 19089 | FAG | 575867,000 |  |  | MAN (HY 1175) |
| N F 19090 | INA | F 224451.04 |  |  | MERCEDES BENZ (G60 * G85) |
| N F 19091 | INA | F-53597 |  | AC | MERCEDES BENZ |



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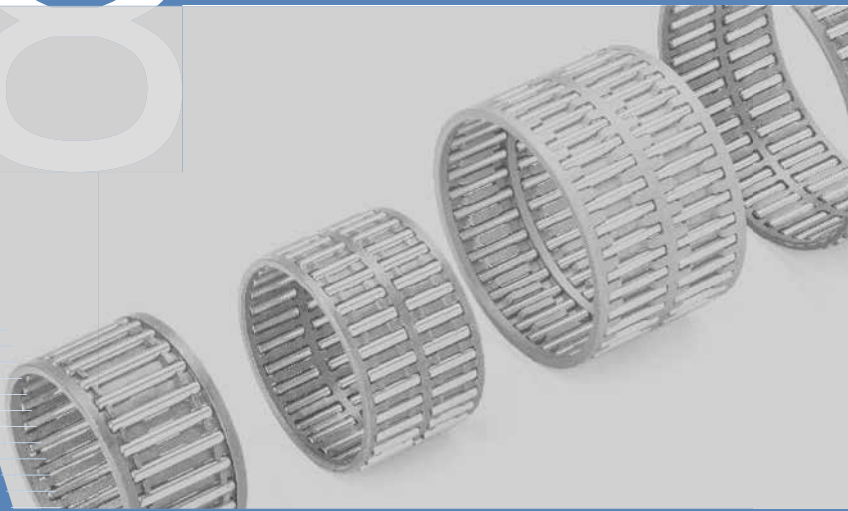
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Needle roller bearing

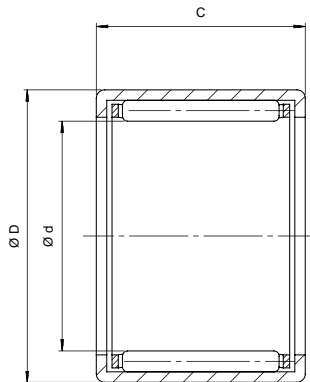
Rodamientos de agujas

| | | |
|--------|---|-----|
| 08.1 \ | Drawn cup needle roller bearing / Casquillos de agujas | 118 |
| 08.2 \ | Thrust needle roller bearing / Rodamientos axiales de agujas | 120 |
| 08.3 \ | Special needle roller bearing / Rodamientos de agujas especiales | 122 |

08



08.1 \ Drawn cup needle roller bearing Casquillos de agujas

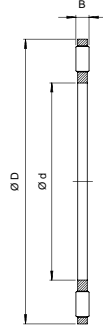


| Fersa | | d (mm) | D (mm) | C (mm) |
|-------|-----------|--------|--------|--------|
| N | HK 3016 A | 30,020 | 37,000 | 16,000 |
| N | HK 404730 | 40,000 | 47,000 | 30,000 |



A series of horizontal dotted lines for writing notes or specifications.



08.2 \ Thrust needle roller bearing Rodamientos axiales de agujas



| Fersa | d (mm) | D (mm) | B (mm) |
|---------------------|---------|---------|--------|
| N AXK 100135 | 100,000 | 135,000 | 4,000 |
| N AXK 4060 | 40,000 | 60,000 | 3,000 |



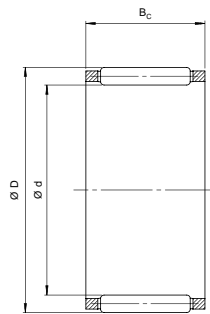
Series of horizontal dotted lines for notes or additional information.

| Fersa | CROSS REF. | | |  |
|---------------------|------------|--|---|---|
| N AXK 100135 | | |  | VOLVO (RAN 181) |
| N AXK 4060 | | | | |








































Area with horizontal dotted lines for additional entries.

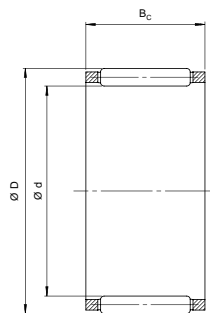
08.3 \ Special needle roller bearing Rodamientos de agujas especiales

















































| Fersa | d (mm) | D (mm) | B _c (mm) |
|--------------------|--------|---------|---------------------|
| N F 17031 K | 75,000 | 83,000 | 55,000 |
| N F 17032 K | 78,000 | 86,000 | 35,000 |
| N F 17033 K | 42,000 | 50,000 | 51,000 |
| N F 17034 K | 89,000 | 97,000 | 40,000 |
| N F 17035 K | 85,000 | 93,000 | 53,000 |
| N F 17038 K | 92,000 | 100,000 | 53,000 |
| N F 17039 K | 96,000 | 104,000 | 55,000 |
| N F 17040 K | 90,000 | 98,000 | 40,500 |
| N F 17041 K | 45,000 | 57,000 | 21,000 |
| N F 17043 K | 65,000 | 70,000 | 20,000 |
| N F 17044 K | 70,000 | 76,000 | 20,000 |
| N F 17045 K | 50,000 | 55,000 | 20,000 |
| N F 17046 K | 55,000 | 60,000 | 20,000 |
| N F 17051 K | 82,000 | 90,000 | 37,000 |
| N F 17052 K | 62,000 | 70,000 | 37,000 |
| N F 17053 K | 70,000 | 78,000 | 37,000 |
| N F 17054 K | 45,000 | 53,000 | 21,000 |
| N F 17056 K | 60,000 | 68,000 | 32,000 |

| Fersa | CROSS REF. | |    | | | |
|--------------------|------------|--------------|---|---|---|--|
| N F 17031 K | INA | F-57368.01 |  |  | MERCEDES BENZ (G4-110 * G131-9 * G180-16 * G200-16 * G210-16 * G211-12 * G211-16 * G230-16 * G240-16 * G260-16 * GO4-130 * GO4-160) ZF (4K-120 * 4S-120 * 8S-180) | |
| N F 17032 K | INA | F-92625 |  |  | MERCEDES BENZ (G4-110 * G100-12 * G180-16 * G200-16 * G210-16 * G211-16 * G230-16 * G240-16 * G260-16 * G280-16 * GO4-160 * GO210-6) | |
| N F 17033 K | INA | F-207054 |  |  | MERCEDES BENZ (G155-9 * G200-16 * G210-16 * G211-16 * G221-9 * G230-16 * G231-16 * G240-16 * G241-16 * G260-16 * G280-16) | |
| N F 17034 K | INA | F-219518 |  |  | MERCEDES BENZ (G131-9 * G210-16 * G211-16 * G221-9 * G230-16 * G231-16 * G240-16 * G260-16) | |
| N F 17035 K | INA | F-95451.02 |  |  | MERCEDES BENZ (G125-16 * G155-9 * G210-16 * G211-16 * G240-16 * G260-16) | |
| N F 17038 K | INA | F-211412.03 |  |  | ZF (16S-150 * 16S-151) | |
| N F 17039 K | INA | F-212874.01 |  |  | ZF (16S-150 * 16S-151) | |
| N F 17040 K | INA | F-212875.01 |  |  | ZF (16S-150 * 16S-151) | |
| N F 17041 K | INA | F-217112 |  |  | ZF (16S-150 * 16S-151) | |
| N F 17043 K | | |  |  | EATON (FS5306A * FS6206A * F6306A) | |
| N F 17044 K | | |  |  | EATON (FS5306A * FS6206A * F6306A) | |
| N F 17045 K | | |  |  | EATON (FS5306A * FS6206A * F6306A) | |
| N F 17046 K | | |  |  | EATON (FS5306A * FS6206A * F6306A) | |
| N F 17051 K | INA | F-58242 |  |  | ZF (5K-110 * 5S-110) | |
| N F 17052 K | INA | F-58723 |  |  | ZF (5K-110 * 5S-110 * 5S-130) | |
| N F 17053 K | INA | F-87259 |  |  | ZF (4K-120 * 4S-120 * 5K-110 * 5S-110 * S6-66 * S6-85) | |
| N F 17054 K | INA | K 45x53x21 A |  |  | ZF (4S-120 * 4S-150 * 5K-110 * 5S-110 * 16K-130 * 16K-160 * 16S-112 * 16S-130 * 16S-150 * 16S-160 * 16S-190 * 16S-200 * AK5-45 * AK 6-80 * AK6-90 * S4-90 * S5-45 * S6-65 * S6-72 * S6-90) | |
| N F 17056 K | INA | F-205901.01 |  |  | ZF (9S-75) | |

08.3 \ Special needle roller bearing Rodamientos de agujas especiales



| Fersa | d (mm) | D (mm) | B _C (mm) |
|--------------------|--------|---------|---------------------|
| N F 17057 K | 67,000 | 75,000 | 37,000 |
| N F 17058 K | 67,000 | 75,000 | 44,000 |
| N F 17059 K | 60,000 | 68,000 | 41,700 |
| N F 17060 K | 40,000 | 60,000 | 26,000 |
| N F 17061 K | 60,000 | 68,000 | 39,000 |
| N F 17062 K | 75,000 | 83,000 | 35,000 |
| N F 17063 K | 75,000 | 83,000 | 23,000 |
| N F 17064 K | 75,000 | 83,000 | 40,000 |
| N F 17076 K | 72,000 | 80,000 | 40,000 |
| N F 17077 K | 72,000 | 80,000 | 29,800 |
| N F 17078 K | 32,000 | 40,000 | 49,200 |
| N F 17079 K | 50,000 | 56,010 | 43,700 |
| N F 17080 K | 86,000 | 94,000 | 45,000 |
| N F17089 K | 63,000 | 71,000 | 50,800 |
| N F 17090 K | 60,000 | 68,000 | 40,000 |
| N F 17091 K | 85,000 | 93,000 | 63,000 |
| N F 17092 K | 95,000 | 103,000 | 60,000 |
| N F 17093 K | 42,000 | 50,000 | 30,000 |
| N F 17094 K | 92,000 | 100,000 | 27,000 |
| N F 17095 K | 90,000 | 98,000 | 46,000 |
| N F 17096 K | 84,000 | 90,000 | 39,500 |
| N F 17097 K | 75,000 | 83,000 | 48,000 |

| Fersa | CROSS REF. | |   | |
|--------------------|------------|----------------|---|--|
| N F 17057 K | INA | F-209976 |  |  MERCEDES BENZ (G100-12) ZF (9S-75 * S5-42) |
| N F 17058 K | INA | F-209977 |  |  VOLVO (R800) ZF (9S-75 * S5-42) |
| N F 17059 K | INA | F-210326.01 |  |  VOLVO (R800) ZF (9S-75 * S5-42) |
| N F 17060 K | INA | F-89034 |  |  VOLVO (R800) ZF (8S-180 * 9S-75 * 9S-109 * 16S-109) |
| N F 17061 K | INA | F-202742 |  |  ZF (6S-150 C * 8S-140 * 8S-180 * 9S-75 * 9S-109 * 16S-109) |
| N F 17062 K | | |  |  ZF (6S-150 C * 9S-109 * 16S-109 * S6-36) |
| N F 17063 K | INA | F-202961.1 |  |  ZF (6S-150 C * 9S-109 * 16S-109) |
| N F 17064 K | | |  |  MERCEDES BENZ (G4-65) ZF (4S-120 * 4S-120 * 5S-90 * 5S-92 * 8S-140 * 9S-140) |
| N F 17076 K | INA | F-204691 |  |  MERCEDES BENZ (G6-80 * G85) |
| N F 17077 K | INA | F-224446 |  |  MERCEDES BENZ (G6-80 * G60-6 * G85) |
| N F 17078 K | INA | F-224448.K-HLA |  |  MERCEDES BENZ (G6-80 * G60-6 * G85) |
| N F 17079 K | INA | F-225955 |  |  MERCEDES BENZ (G85) |
| N F 17080 K | INA | F-227124.K-HLA |  |  MERCEDES BENZ (G60-6 * G85) |
| N F17089 K | | |  |  MERCEDES BENZ (G85 * G60) |
| N F 17090 K | | |  |  MERCEDES BENZ (G 60) |
| N F 17091 K | INA | F-227349 |  |  VOLVO (VT 2514 B) |
| N F 17092 K | INA | F-227348 |  |  VOLVO (VT 2514 B) |
| N F 17093 K | INA | F-203535 |  |  VOLVO (VT 2514 B) |
| N F 17094 K | INA | F-208939.03 |  |  VOLVO (VT 2514 B) |
| N F 17095 K | INA | F-203030 |  |  VOLVO (VT 2514 B) |
| N F 17096 K | INA | F-227638 |  |  MERCEDES BENZ (16 * G241-16) |
| N F 17097 K | INA | F-227511.06 |  |  MERCEDES BENZ (G211-16 * G241-16) |

Wheel end hub units

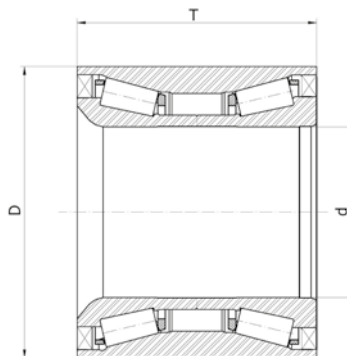
Unidades de buje

| | | |
|--------|---|-----|
| 09.1 \ | Wheel en hub / Hub de rueda | 128 |
| 09.2 \ | Wheel end kit / Kit de rueda | 130 |
| 09.3 \ | Wheel end module / Modulo de rueda | 134 |
| 09.4 \ | Preset hub assembly / Rodamientos integrales | 136 |

09

















09.1 \ Wheel end hub Hub de rueda



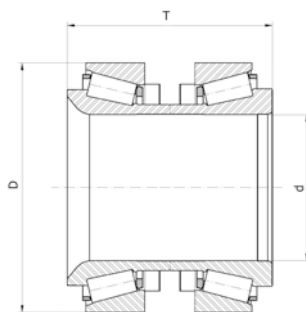
| Fersa | d (mm) | D (mm) | T (mm) | WEIGHT (kg) |
|------------------|-----------------|-------------------|---------|-------------|
| F 15097 | 68,000 / 68,200 | 127,000 / 132,000 | 115,000 | 6,500 |
| F 15100 | 82,000 | 140,000 | 115,000 | 6,450 |
| F 15120 | 60,000 | 108,000 | 75,000 | 2,830 |
| F 15121 | 55,000 | 90,000 | 60,000 | 1,400 |
| F 15122 | 90,000 | 160,000 | 125,000 | 10,240 |
| F 15125 | 78,000 | 130,000 | 90,000 | 4,360 |
| F 15126 | 82,000 | 140,000 | 110,000 | 6,595 |
| F 15127 | 78,000 | 130,000 | 90,500 | 4,345 |
| N F 15300 | 82,000 | 140,000 | 115,000 | 6,500 |














| Fersa | CROSS REF. | | OEM |  | |
|-----------|----------------------|--|--|---|--|
| F 15097 | FAG | 201037 / 571762. H195 | 1413785 / 1439070 / 1443078 / 1476945 / 1724482 / 1868087 |  | SCANIA (93 * 113 * 143 * K3 * K4 * SERIE 3 * SERIE 4) |
| | SKF TIMKEN | BTH 0018 A / VKBA 5314 SET 1231 / NP 078914 | |  | SCANIA (SERIE 3) |
| F 15100 | FAG SKF | 805003A.H195 BTH 0022 / BTH 0055 / VKBA 5412 | 014 981 51 05 / 014 981 93 05 / 014 981 99 05 / 017 981 50 05 |  | MERCEDES BENZ (TE * TL * TZ) GIGANT (D SERIE * G SERIE) SCHMITZ CARGOBULL (SPR * SCS * SKO) |
| F 15120 | FAG KOYO | 201050 DU60108 8 | 015 981 19 05 |  | MERCEDES BENZ (ACTROS MP2 * ATEGO 2 * AXOR 2) |
| F 15121 | FAG SKF | 713 6908 40 BTH 1011 / VKBA 3552 | 7180066 |  | IVECO (Daily I) |
| F 15122 | FAG | 201059 / 805012.06. H195 | 1905487 / 2996882 / 7179751 / 7183074 / 7183075 / 7189050 / 7189648 |  | IVECO (STRALIS * EUROTECH * EUROSTAR) |
| | SKF TIMKEN | BTH 0053 / VKBA 5397 NP 318274-90UA7 / SET 1242 | |  | IRISBUS (EURORIDER) |
| F 15125 | FAG | 803194 A | 013 981 22 05 / 013 981 23 05 / 013 981 98 05 |  | MERCEDES BENZ (ATEGO * ATEGO 2 * TOURINO) |
| F 15126 | FAG SKF TIMKEN | 805011 C VKBA 5409 SET 1237 | 2994058 / 7184079 / 7184080 |  | IVECO (EUROCARGO) |
| | | | |  | MERITOR (TC) |
| F 15127 | FAG | 805092 C | 7182915 / 81.93420 0336 / 81.93420 0379 / 81.93420 6083 / 81.93420 6099 / 8510 3257 |  | IVECO (EUROCARGO) MAN (TGL * TGM * L 2000) VOLVO (FL 6) |
| | | | |  | IVECO (EUROPOLIS ELÉCTRICO) |
| N F 15300 | FAG | 805003CA.H195 | 81.93420-0344* 81.93420-0354 |  | MAN (TGL*TGM) |



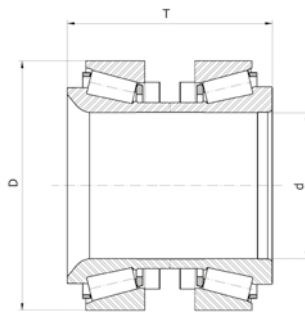
09.2 \ Wheel end kit Kit de rueda



| Fersa | d (mm) | D (mm) | T (mm) | WEIGHT (kg) |
|-------------------|-----------------|---------|---------|-------------|
| F 200004 | 105,000 | 160,000 | 140,000 | 6,855 |
| F 200005 | 110,000 | 170,000 | 146,000 | 8,530 |
| F 200013 | 68,000 / 68,200 | 125,000 | 115,000 | 4,45 |
| F 200014 | 93,800 / 94,000 | 148,000 | 135,000 | 5,40 |
| N F 200015 | 57,800 / 58,000 | 110,000 | 115,000 | 3,64 |
| N F 200016 | 69,800 / 70,000 | 125,000 | 114,000 | 4,86 |

| Fersa | CROSS REF. | | OEM |  | |
|------------|----------------------|--------------------------------------|---|---|---|
| F 200004 | FAG | 803750 B | 36934200009 / 5031 26457 / 81.93420 0320 / 81.93420 0342 |  | MAN (TGA * TGM * TGS * TGX * M 2000) |
| | | | |  | BOVA (FUTURA * LEXIO * MAGIG * SINERGY) MAN (LIONS COACH * LIONS CITY * HOCL * NG NL * NÜ * SL * ÜL) MERCEDES (CITARO) NEOPLAN (STARLINER * CITYLINER * EUROLINER) VOLVO (7700 * 8500 * 8700 * B7 * B9 * B12) |
| F 200005 | FAG SKF | 804162 A VKBA 5416 | 81.93420 0346 / 81.93420 6098 |  | MAN (TGA * TGM * TGS) |
| F 200013 | FAG SKF TIMKEN | 566426.H195 VKBA 5425 SET 1312 | 20382168 / 20518092 / 20518093 / 20518637 / 20558950 / 20581399 / 20728008 / 20967831 / 21021391 / 2051 8637 / 2096 7831 / 2102 1391 / 3988673 / 3988674 / 3988675 74 20 518 637 / 74 20 967 831 / 74 21 021 391 |  | VOLVO (FE * FH * FM * FM 7 * FM 9 * FM 12 * FH 12 * FH 16 * NH 12) RENAULT (Magnum * Premium 2 * Kerax) |
| | | | |  | VOLVO (B6 * 7300 * 7700 * 8500 * 8700 * 9700 * 9900) |
| F 200014 | FAG SKF TIMKEN | 566425.H195 VKBA 5423 SET 1314 | 1075 408 / 20517952 / 20518661 / 20535231 / 20558966 / 20967828 / 21036050 / 2079 2439 / 2079 2440 / 2079 2440 / 3988 774 / 74 20 792 439 |  | VOLVO (FE * FH * FM * FM 7 * FM 9 * FM 12 * FH 12, FH 16 * NH 12 * FL 6 * FL 7 * FL 10 * FL 12 *) RENAULT (Magnum * Premium 2 * Kerax) DAF (XF) |
| | | | |  | VOLVO (B6 * 7300 * 7700 * 8500 * 8700 * 9700 * 9900) |
| N F 200015 | FAG SKF TIMKEN | 566427.H195 VKBA 5424 SET 1311 | 20518617 / 20967830 / 20589393 / 20589394 / 21021381 74 20 518 617 / 74 21 021 381 |  | VOLVO (FM 9 * FH 12 * FM 12 * FH 16 * FE * FH * FM) RENAULT (MAGNUM DXI * PREMIUM 2) |
| | | | |  | VOLVO (B6 * 7700 * 8500 * 8700 * 9700 * 9900) |
| N F 200016 | FAG | 566074.H195 | 1691621 / 1699327 |  | DAF (65CF * 75CF * 85CF * CF65 * CF65II * CF65IV * CF75 * CF75II * CF75IV * CF85 * CF85II * CF85IV * LF55 * LF55IV * XF95 * XF95II * XF105) |








09.2 \ Wheel end kit Kit de rueda



| Fersa | d (mm) | D (mm) | T (mm) | WEIGHT (kg) |
|-------------------|------------------|-----------------|---------|-------------|
| N F 200017 | 99,800 / 100,000 | 148,000 | 135,000 | 6,00 |
| N F 200018 | 82,000 | 138,000 | 130,000 | 6,10 |
| N F 200019 | 69,800 / 70,00 | 119,700 / 124,7 | 110,500 | 4,5 |
| N F 200025 | 88,000 | 138,000 | 120,000 | 5,10 |
| N F 200028 | 120,000 | 175,000 | 123,000 | - |
| N F 200029 | 82,000 | 138,000 | 110,000 | 5,80 |

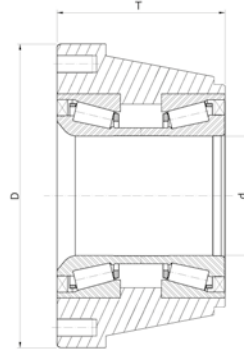


Series of horizontal dotted lines for taking notes.

| Fersa | CROSS REF. | | OEM |  |
|-------------------|------------|-------------|---|---|
| N F 200017 | FAG | 566283.H195 | 1801594 |  DAF (65CF * 75CF * 85CF * CF65 * CF65II * CF65IV * CF75 * CF75II * CF75IV * CF85 * CF85II * CF85IV * LF55 * LF55IV * XF95 * XF95II * XF105) |
| N F 200018 | FAG | 566193.H195 | 1801593 |  DAF (CF 75 * 85 CF * CF 85 * XF 95 * XF 105) |
| N F 200019 | FAG | 566834.H195 | 1801595 |  DAF (65CF * 75CF * 85CF * CF65 * CF65II * CF65IV * CF75 * CF75II * CF75IV * CF85 * CF85II * CF85IV * LF55 * LF55IV * XF95 * XF95II * XF105) |
| N F 200025 | FAG | 570530.H195 | 03 200 1020 00 * 03 434 3019 00 * 03 434 3020 00 * 03 434 3021 00 * 03 434 3022 00 |  SAF (B9-19K * B9-19W * B9-22K01 * B9-22W * BA9-22K01 * BI9-19K * BI9-19W * BI9-22K01 * BI9-22W * BI9-22W-6 * BINL9-22K01 * S11-3720 * S11-4218 * S11-4220 * S7-3015) * S9-3718 * S9-4220 * SI11-19 * SI11-22 * SI9-19 * SI9-22 * SIL11-22 * SL11-4220 * SZL11-4220 * SL9-3718 * SL9-4218 * SZL11-4218 * Z) |
| N F 200028 | FAG | 566830.H195 | 03 434 3010 00 * 03 434 3012 00 * 04 200 1016 01 * 04 200 1016 02 |  SAF (SK * SKRS * SKRZ) |
| N F 200029 | FAG | 569868.H195 | 03 434 3018 00 * 04 200 1019 00 |  SAF (SKRB * SKRLB) |



09.3 \ Wheel en module Modulo de rueda



| Fersa | d (mm) | D (mm) | T (mm) | WEIGHT (kg) |
|-------------------|--------|---------|---------|-------------|
| F 300001 | 82,000 | 196,000 | 113,000 | 15,300 |
| N F 300003 | 70,000 | 195,000 | 110,000 | 11,220 |
| F 300005 | 70,000 | 196,000 | 140,000 | 13,200 |
| F 300006 | 45,000 | 120,000 | 84,900 | 4,000 |
| F 300007 | 60,000 | 168,000 | 102,000 | 9,300 |



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
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








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| Fersa | CROSS REF. | | OEM |  | |
|-------------------|----------------------|---|---|---|--|
| F 300001 | FAG SKF | 564734.H195 VKBA 5549 | 1002689 / 1003457 / 100167600 / 100167601 / 3 200 2001 51 / 3 434 3650 00 / 4 200 2001 00 / 4 200 2001 01 |  | SAF (9019 1122) SCHMITZ CARGOBULL (SKI * SPR * SCS * SKO) |
| N F 300003 | SNR | HD5001*HUR | 81.93420-0344*81.93420- 0354 |  | RENAULT TRUCKS (KERAX * MAGNUM * MEDIUM * PREMIUM) |
| F 300005 | FAG SKF | 801974AE.H195 BTF 0110 / VKBA 5377 / BTF 0021 A | 42541578 / 5006207845 / 81.93420 0288 / 81.93420 0330 / 81.93420 0349 |  | MAN (TGA * TGM * TGS * TGX * E 2000 * F 2000 * M 2000) |
| | | | |  | IVECO (EUROPOLIS * CITYCLASS) |
| F 300006 | FAG SKF | 713690850 VKBA 3553 / BTFB 328755 D | 9381 0034 |  | IVECO (Daily I) |
| F 300007 | FAG FAG TIMKEN | 805531 805532.01.H195 SET 1197 | 20550678 / 5010587029 1156414 / 1400061 / 41156414 |  | RENAULT (MIDLUM) DAF (LF 55) |
| | | | |  | DAF (SB120) |



09.4 \ Preset hub assembly Rodamientos integrales

| Fersa | PICTURE | APPLICATION | BRAND | OEM P/N |
|------------|---|---|-----------------------|---|
| N F 400001 |  |  | MERCEDES BENZ | 000 350 2335 |
| N F 400002 |  |  | DAF | 1691621 * 1699327 * 1818004 |
| N F 400003 |  |  | DAF | 1657637 * 1812161 * 2019802 |
| N F 400004 |  |  | DAF | 1389061 * 1391617 * 1818003 |
| N F 400005 |  |  | SAF | 3307304500 |
| N F 400006 |  |  | VOLVO * RENAULT TRUCK | 20820420 * 20819822 * 20499882 * 7420819859 * 7420820420 |
| N F 400007 |  |  | VOLVO * RENAULT TRUCK | 85105696 * 3988833 |
| N F 400008 |  |  | VOLVO * RENAULT TRUCK | 85107753 * 20535263 |
| N F 400009 |  |  | VOLVO * RENAULT TRUCK | 85114470 * 85111791 * 85111448 * 20535202 |
| N F 400010 |  |  | VOLVO * RENAULT TRUCK | 85111789 * 85107749 |
| N F 400011 |  |  | MERCEDES BENZ | 972 330 0125 * 972 330 0225 * 972 330 0325 * 972 330 0425 * 972 330 0525 * 972 330 0625 |
| N F 400012 |  |  | SAF | 3307303001 |

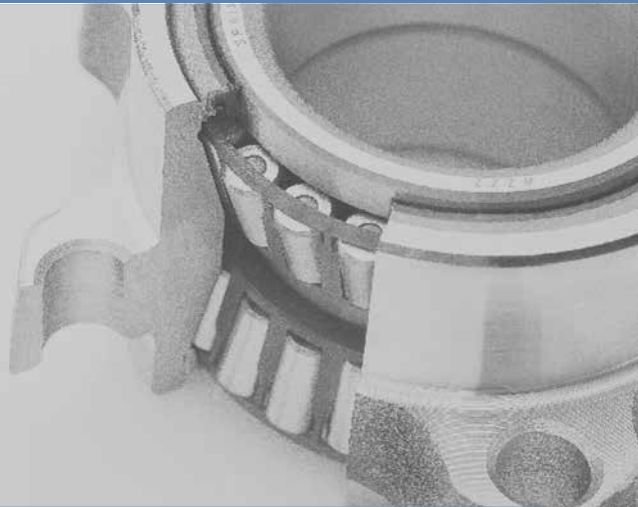
| Fersa | POSITION | REMARK |
|-------------------|-------------------------------|--|
| N F 400001 | Trailer axle / Eje de trailer | Brake disc screws included / Tornillos de disco de freno incluidos |
| N F 400002 | Front axle / Eje delantero | Brake disc / Disco de freno |
| N F 400003 | Rear axle / Eje trasero | Brake disc / Disco de freno |
| N F 400004 | Rear axle / Eje trasero | Brake disc / Disco de freno |
| N F 400005 | Trailer axle / Eje de trailer | Brake disc / Disco de freno* Eje BI-9 |
| N F 400006 | Rear axle / Eje trasero | Brake drum / Freno de tambor |
| N F 400007 | Rear axle / Eje trasero | Brake disc * 27 mm bolts / Disco de freno * pernos 27 mm |
| N F 400008 | Rear axle / Eje trasero | Brake disc * 25 mm bolts / Disco de freno * pernos 25 mm |
| N F 400009 | Front axle / Eje delantero | Brake disc / Disco de freno |
| N F 400010 | Front axle / Eje delantero | Brake disc / Disco de freno |
| N F 400011 | Front axle / Eje delantero | |
| N F 400012 | Trailer axle / Eje de trailer | Brake disc * SKRB axle / Disco de freno * eje SKRB |

10

Passenger car wheel bearing kits

Kits de rueda para turismos

10



10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA





KB



KC



KD

| Fersa |  |  | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|---------------|---|---|---------------------|-------------------|-----------|---------|----------|-------------------|---------|
| KA 001 | LM 11749/10 | L 45449/10 | VKBA 532 | R160.02 | 713606200 | 802652 | QWB 605 | EK73608 / K 80102 | 6002 |
| KA 002 | LM 11749/10 | L 44649/10 | VKBA 513 | R160.36 | 713606120 | 981535 | QWB 212 | EK73640 / K 80103 | 6004 |
| KA 003 | LM 11949/10 | L 45449/10 | VKBA 1487 | R160.38 | 713606140 | 801438 | QWB 443 | EK73614 / K 80104 | 6006 |
| KA 004 | LM 11949/10 | LM 67048/10 | VKBA 718 | R160.44 | 713606050 | 801554 | QWB 691 | EK73836 / K 80113 | 6019 |
| KA 005 | LM 11949/10 | L 45449/10 | VKBA 542 | R157.05 | 713610240 | 102008 | QWB 429 | EK73814 / K 80202 | 5705 |
| KA 006 | REPLACED BY KA 069 / SUSTITUIDOR POR EL KA 069 | | | | | | | | |
| KA 007 | LM 11749/10 | L 45449/10 | VKBA 3255 | R153.07 | | 972389 | | EK73797 / K 80403 | 5307 |
| KB 008 | F 15041 | | VKBA 961 | R159.19 | 713650290 | 602320 | QWB 503 | EK73491 / K 80712 | 5919 |
| KA 009 | 32010 XF | 32010 XF | VKBA 844 | R140.42 | 713690330 | 681504 | QWB 481 | EK73820 / K 80750 | 4042 |
| KA 010 | 32008 XF | 32006 XF | VKBA 845 / VKBA 846 | R140.43 / R140.44 | 713690430 | 682420 | QWB 545 | EK73821 / K 80751 | 4043 |
| KB 011 | F 15166 | | VKBA 813 | R140.02 | 713690320 | 681640 | QWB 486 | EK73457 / K 80752 | 4002 |
| KB 012 | F 15166 | | VKBA 814 | R140.03 | 713690420 | 682642 | QWB 482 | EK73458 / K 80153 | 4003 |
| KA 013 | 32008 XF | 32006 XF | VKBA 3429 | R140.95 | 713650420 | 682327 | QWB 996 | EK78785 / K 80756 | 4095 |
| KA 014 | LM 11749/10 | L 44649/10 | VKBA 504 | R152.12 | 713678250 | 300052 | QWB 113C | EK73542 / K 81102 | 5212 |
| KA 015 | F 15036 | F 15036 | VKBA 686 | R152.16 | 713678190 | 301018 | QWB 420 | EK73553 / K 81103 | 5216 |
| KA 016 | REPLACED BY KA 075 / SUSTITUIDOR POR EL KA 075 | | | | | | | | |
| KA 017 | LM 11749/10 | L 44649/10 | VKBA 505 | R152.08 | 713678140 | 301280 | QWB 115C | EK73539 / K 81107 | 5208 |
| KA 018 | F 15036 | F 15036 | VKBA 740 | R152.21 | 713678080 | 301034 | QWB 569 | EK73541 / K 81109 | 5221 |
| KA 019 | F 15036 | F 15036 | VKBA 687 | R152.19 | 713678090 | 301006 | QWB 418 | EK73554 / K 81111 | 5219 |
| KA 020 | F 15040 | F 15040 | VKBA 1431 | R152.36 | 713678020 | 301180 | QWB 696 | K81116 | 5236 |
| KA 021 | F 15029 | F 15029 | VKBA 1333 | R152.37 | 713678320 | 302058 | QWB 697 | EK74341 / K 81117 | 5237 |
| KA 022 | F 15055 | F 15055 | VKBA 1366 | R173.15 | 713619130 | 951606 | | EK73692 / K 81201 | 7308 |
| KA 023 | M 12649/10 | LM 48548/10 | VKBA 1369 | R140.34 | 713619300 | 951708 | QWB 692 | EK74287 / K 81209 | 4034 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|--------|--|---|
| KA 001 | ALFA ROMEO (33 * ALFASUD) | • |
| KA 002 | ALFA ROMEO (ALFETTA), TOYOTA (CARINA * CELICA * COROLLA * STARLET) | • |
| KA 003 | ALFA ROMEO (75 * 90 * ALFETTA * GIULIETTA * GTV) | • |
| KA 004 | ALFA ROMEO (6 * 75 * RZ * SZ) | • |
| KA 005 | AUDI (A4 * A6 * COUPE * 80 * CABRIO * 90 * 100), SEAT (INCA), WV (CADDY) | • |
| KA 006 | REPLACED BY KA 069 * SUSTITUIDOR POR EL K 069 | |
| KA 007 | DAEWOO (ESPERO * LANOS * NEXIA * NUBIRA), OPEL(ASCONA * CORSA * KADETT * MANTA * REKORD * TGRA * VECTRA) | • |
| KB 008 | CITROËN (AX * SAXO * VISA * XSARA * ZX), PEUGEOT (106 * 205 * 306 * 309) | • |
| KA 009 | CITROËN (C25), FIAT (DUCATO), PEUGEOT (J5) | • |
| KA 010 | CITROËN (C25), FIAT (DUCATO), PEUGEOT (J5) | • |
| KB 011 | CITROËN (C35), FIAT (242). | • |
| KB 012 | CITROËN (C35), FIAT (242). | • |
| KA 013 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| KA 014 | FORD (ESCORT * FIESTA) | • |
| KA 015 | FORD (ESCORT * FIESTA * ORION) | • |
| KA 016 | REPLACED BY KA 069 * SUSTITUIDOR POR EL KA 069 | |
| KA 017 | FORD (CORTINA * ESCORT * TAUNUS) | • |
| KA 018 | FORD (SIERRA) | • |
| KA 019 | FORD (ESCORT * FIESTA) | • |
| KA 020 | FORD (ESCORT * FIESTA * ORION) | • |
| KA 021 | FORD (ESCORT * FIESTA * ORION) | • |
| KA 022 | HYUNDAI (ACCENT * ATOS * LANTRA * PONY), MITSUBISHI (COLT * CORIA * LANCER * MIRAGE * SPACEWAGON * TREDIA) | • |
| KA 023 | HYUNDAI (H-100 * H-1 * STAREX), MITSUBISHI (L-200 * L-300 * L-400) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

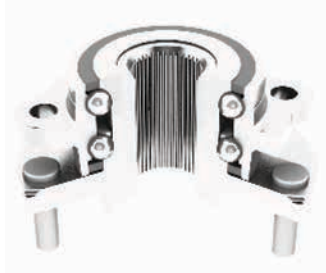


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|--------|-----------------|----------------|------------------------|----------------------|-----------|--------------------|----------|-----------------------------------|----------------|
| KA 024 | 32008 XF | 32008 XF | VKBA 1324 | R172.01 | 713690090 | 801656 | QWB 725 | K81850 | 7201 |
| KA 025 | LM 11949/10 | LM 67048/10 | VKBA 517 | R151.02 | 713667400 | 401222 | QWB 256 | K82001 | 5102 |
| KA 026 | LM 300849/11 | LM 503349 A/10 | VKBA 614 | R151.03 | 713667520 | 402030 | QWB 259 | K82002 | 5103 |
| KA 027 | M 12649/10 | LM 48548/10 | VKBA 596 | R151.05 | 713667430 | 401028 | QWB 255 | K82003 | 5105 |
| KA 028 | LM 11949/10 | LM 67048/10 | VKBA 941 | R151.14 | 713667370 | 401042 | QWB 654 | K82006 | 5114 |
| KA 029 | M 12649/10 | LM 48548/10 | VKBA 1337 | R151.12 | 713667420 | 401126 | QWB 659 | K82008 | 5112 |
| KA 030 | LM 11749/10 | LM 67048/10 | VKBA 756 | R151.08 | 713667450 | 401048 | QWB 508 | K82009 | 5108 |
| KA 031 | 32009 XF | 32009 XF | | | | | | K82056 | |
| KA 032 | 30306 F | 30209 F | VKBA 3405 | R140.73 | 713667570 | 402216 | QWB 1199 | K82057 | 4073 |
| KA 033 | LM 503349 A /10 | 32009 XF | VKBA 3404 | R140.72 | 713667300 | 401214 | QWB 1197 | K82058 | 4072 |
| KA 034 | LM 11949/10 | L 44649/10 | VKBA 1310 | R168.15 | 713613280 | 962682 | QWB 539 | K82306 | 6815 |
| KA 035 | LM 501349/10 | 30209 F | VKBA 3319 | R168.50 | 713613160 | 961904 | | EK78655 / K 82350 | 6850 |
| KA 036 | LM 11949/10 | LM 67048/10 | VKBA 684 | R168.09 | 713613130 | 961503 | QWB 347 | K82352 | 6809 |
| KA 037 | 32010 XF | 32010 XF | | | | | | K 82358 | |
| KA 038 | LM 11749/10 | L 45449/10 | VKBA 944 | R153.07 | 713644510 | 200012 | QWB 155C | EK73797 / K 82502 | 5307 |
| KA 039 | LM 11949/10 | LM 67048/10 | VKBA 526 | R153.16 | 713644520 | 200020 | QWB 596 | K82504 | 5316 |
| KA 040 | LM 11749/10 | L 44649/10 | VKBA 506 | R153.03 | 713644480 | 201996 | QWB 285 | | 5303 |
| KA 041 | 32005 XR | 320/32 XF | VKBA 540 | R159.08 | 713650140 | 601384 | QWB 289 | EK73461 / K 82610 | 5908 |
| KA 042 | F 15063 | 30203 F | VKBA 564 | R155.05 | 713630200 | | QWB 301 | | |
| KA 043 | 30204 F | 30205 F | VKBA 548 / VKBA 654 | R155.03 / R155.22 | 713630210 | 702817 / 702350 | QWB 629 | EK73474 / EK73480 / K 82904 | 5503 / 5522 |
| KA 044 | 32004 XF | 32005 XR | VKBA 652 | R155.06 | 713630220 | 702328 | QWB 310 | EK73477 / K 82909 | 5506 |
| KB 045 | F 15041 | | VKBA 869 | R155.13 | | 702312 | | K82965 | 5513 |
| KB 046 | F 15042 | | VKBA 975 | R155.17 | 713630260 | 702316 | QWB 566 | EK73500 / K 82915 | 5517 |
| KB 047 | F 15043 | | VKBA 976 | R155.27 | 713630270 | 702426 | QWB 560 | EK78776 / K 82918 | 5527 |
| KB 048 | F 15044 | | VKBA 1413 | R155.32 | 713630180 | 701302 | QWB 430 | EK73490 / K 82911 | 5529 |
| KA 049 | 30205 F | 32007 XF | VKBA 977 | R140.56 | 713630480 | 702692 | QWB 608 | K82956 | 4056 |
| KA 050 | LM 603049/11 | LM 603049/11 | VKBA 838 | R180.00 | 713620140 | 880812 | QWB 419 | EK73764 / K 83050 | 8000 |
| KA 051 | 11162/300 | 359 A/354 X | VKBA 837 | | | | QWB 411 | | |
| KA 052 | LM 603049/11 | LM 603049/11 | VKBA 3420 | R180.01 | 713620010 | 880419 | | K83053 | 8001 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|--------|--|---|
| KA 024 | LADA (NIVA) | • |
| KA 025 | MERCEDES (SL * 8) | • |
| KA 026 | MERCEDES (SEDAN * KOMBI * COUPE * SL * CLASE S) | • |
| KA 027 | MERCEDES (SEDAN * KOMBI * COUPE * SL * CLASE S * T-1) | • |
| KA 028 | MERCEDES (190 * SEDAN * KOMBI * COUPE * SL * CLASE E) | • |
| KA 029 | MERCEDES (SEDAN * KOMBI * COUPE * SL * CLASE S) | • |
| KA 030 | MERCEDES (190) | • |
| KA 031 | MERCEDES-BENZ MB | • |
| KA 032 | MERCEDES (100) | • |
| KA 033 | MERCEDES (100) | • |
| KA 034 | NISSAN (MICRA) | • |
| KA 035 | NISSAN (PATROL) | • |
| KA 036 | NISSAN (280 * LAUREL * SILVIA) | • |
| KA 037 | NISSAN (L35) | • |
| KA 038 | DAEWOO (ESPERO * LANOS * NEXIA * NUBIRA), OPEL(ASCONA * CORSA * KADETT * MANTA * REKORD * TGRA * VECTRA) | • |
| KA 039 | OPEL (COMMDORE * MONZA * KADETT * REKORD * SENATOR) | • |
| KA 040 | OPEL (ASCONA * KADETT * MANTA * OLIMPIA * REKORD) | • |
| KA 041 | PEUGEOT (504 * 505 * 604), TALBOT (TAGORA) | • |
| KA 042 | RENAULT (4 * 5 * 6 * 8 * 10) | • |
| KA 043 | RENAULT (4 * 5 * 6 * 12 * 15 * 16 * 17) | • |
| KA 044 | RENAULT (FUEGO * 18 * 16 * 15 * 14 * 12 * 6 * 5 * 4) | • |
| KB 045 | RENAULT (SUPER 5 * 9 * 11 * 19) | • |
| KB 046 | RENAULT (EXPRESS * 21) | • |
| KB 047 | NISSAN (KUBISTAR), RENAULT (KANGOO * LAGUNA * EXPRESS) | • |
| KB 048 | RENAULT (CLIO * EXPRESS * THALIA * TWINGO * SUPER 5 * 9 * 11 * 19) | • |
| KA 049 | RENAULT (TRAFFIC) | • |
| KA 050 | LAND ROVER (90 * 100 * 110 * RANGE ROVER) | • |
| KA 051 | LAND ROVER (88 * 109) | • |
| KA 052 | LAND ROVER | • |

10.0 \ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|--------|--------------|--------------|-----------------------|-------------------|-----------------------|---------|---------|-------------------|---------|
| KA 053 | LM 603049/11 | LM 603049/11 | VKBA 3421 | R180.02 | 713620020 | 880421 | | EK78815 / K 83054 | 8002 |
| KA 054 | 30204 F | LM 67048/10 | VKBA 1430 | R178.03 | 713614210 | 802732 | QWB 707 | EK74350 / K 83104 | 7803 |
| KA 055 | LM 11949/10 | 15579 X/20 | VKBA 926 | R158.00 | 713690120 | | QWB 239 | | |
| KA 056 | LM 11949/10 | LM 67048/10 | VKBA 925 | R158.01 | 713690130 | 801402 | QWB 242 | K83205 | 5801 |
| KA 057 | LM 11949/10 | J 15585/20 | VKBA 929 | R158.08 | 713690150 | 801698 | | K83206 | 5808 |
| KA 058 | 32006 XF | 32008 XF | VKBA 1445 / VKBA 1446 | R140.78 / R140.79 | 713650410 | 682508 | QWB 740 | K83257 | 4078 |
| KA 059 | LM 11749/10 | L 44649/10 | | | | | QWB 224 | | |
| KA 060 | 30204 F | L 44649/10 | | | | | | K 83305 | |
| KA 061 | F 15003 | F 15003 | VKBA 1978 | R177.02 | 713623020 | 971451 | QWB 915 | K83450 | 7702 |
| KB 062 | F 15015 | | VKBA 3219 | R177.12 | 713623030 | 971612 | QWB 812 | K83452 | 7712 |
| KA 063 | 30204 F | L 44649/10 | VKBA 551 / VKBA 552 | R156.00 | 713680110 | 600410 | QWB 224 | EK73508 / K 83602 | 5600 |
| KA 064 | LM 11949/10 | LM 67048/10 | | | | | | K 83603 | |
| KA 065 | LM 11749/10 | L 45449/10 | VKBA 534 | R169.01 | 713618100 | 981790 | QWB 366 | K83710 | 6901 |
| KA 066 | LM 11949/10 | LM 67048/10 | VKBA 527 | R169.02 | 713618110 | 981814 | QWB 365 | EK73638 / K 83753 | 6902 |
| KA 067 | LM 11949/10 | LM 67048/10 | VKBA 1964 / VKBA 1965 | R169.02 / R169.23 | 713618110 / 713618740 | 981814 | QWB 365 | EK73638 / K 83754 | 6902 |
| KA 068 | LM 11749/10 | L 44649/10 | VKBA 502 | R163.19 | 713660110 | 891822 | QWB 342 | EK73706 / K 84001 | 6300 |
| KA 069 | LM 11749/10 | L 45449/10 | VKBA 529 | R154.13 | 713610230 | 100002 | QWB 201 | EK73513 / K 80203 | 5404 |
| KA 070 | M 12649/10 | LM 48548/10 | VKBA 826 | R140.26 | 713618900 | 191272 | | EK73646 / K 84150 | 4026 |
| KA 071 | L 45449/10 | LM 300849/11 | VKBA 802 | R154.17 | 713611480 | 101064 | QWB 407 | EK73601 / K 84151 | 5417 |
| KA 072 | 32010 XF | 32010 XF | VKBA 801 | R154.18 | 713611570 | 102060 | QWB 496 | EK73606 / K 84153 | 5418 |
| KA 073 | 32004 XF | 32005 XR | VKBA 728 | R159.12 | 713650270 | 602414 | QWB 459 | EK73456 / K 80708 | 5912 |
| KA 074 | F 15135 | F 15135 | VKBA 543 | R152.20 | | 301230 | | EK73548 / K 81101 | 5220 |
| KA 075 | LM 11749/10 | L 45449/10 | VKBA 528 | R152.17 | 713678150 | 300004 | QWB 414 | EK73831 / K 81104 | 5217 |
| KA 076 | F 15036 | F 15036 | VKBA 897 | R152.28 | 713678760 | 302074 | QWB 527 | EK73580 / K 81110 | 5228 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|--------|---|---|
| KA 053 | LAND ROVER (DEFFENDER) | • • |
| KA 054 | SKODA (FAVORIT) | • |
| KA 055 | FIAT (124 * 1200 * 1600) | • |
| KA 056 | FIAT (ARGENTA * 125 * 132) | • |
| KA 057 | FIAT (131), SEAT(131) | • |
| KA 058 | CITROËN (C25) | • |
| KA 059 | TALBOT (1307 * 1510) | • |
| KA 060 | TALBOT (1100 * 1307 1200) | • |
| KA 061 | SUZUKI (SAMURAI * SJ 413) | • |
| KB 062 | SUZUKI (VITARA * X-90) | • |
| KA 063 | TALBOT (SIMCA, RANCHO, 1307) | • |
| KA 064 | TALBOT (180) | • |
| KA 065 | DAIHATSU (CHARMANT), TOYOTA (CELICA * CARINA) | • |
| KA 066 | TOYOTA (CARINA * CELICA * COROLLA) | • |
| KA 067 | TOYOTA (CELICA) | • |
| KA 068 | VOLVO (66 * 340-360) | • |
| KA 069 | ALFA ROMEO (50 * 60 * 75 * 80); AUDI (50 * 60 * 75 * 80 * 100 * COUPE), PORSCHE (924), SEAT (AROSA * CORDOBA * IBIZA * TOLEDO), SKODA(FAVORIT * FELICIA), WV (CADDY * CORRADO * DERBI * GOLF * JETTA * KAEFFER * PASSAT * POLO * SANTANA * SCIROCCO * VENTO) | • |
| KA 070 | TOYOTA (HYLUX * 4 RUNNER * HIACE I) | • |
| KA 071 | WV (LT 28-35) | • |
| KA 072 | WV (LT 28-35) | • |
| KA 073 | CITROËN (VISA * LNA) | • |
| KA 074 | FORD (FIESTA) | • |
| KA 075 | FORD (CAPRI * CONSUL * ESCORT * GRANADA * ORION)) | • |
| KA 076 | FORD (SIERRA) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

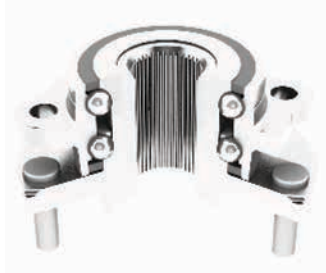


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|---|-------------|-----------|---------|-----------|---------|----------|-------------------|---------|
| KA 077 | LM 11949/10 | L 45449/10 | VKBA 752 | R168.10 | 713613230 | 962776 | QWB 556 | EK73662 / K 80107 | 6810 |
| KB 078 | F 15041 | | VKBA 3556 | R159.38 | 713650070 | 602858 | QWB 1274 | EK79094 / K 80737 | 5938 |
| KA 079 | 32010 XF | 32010 XF | VKBA 1444 | R140.77 | 713650310 | 681506 | QWB 828 | EK74355 / K 80754 | 4077 |
| KA 080 | 32206 F | 33108 F | VKBA 3430 | R140.96 | 713650430 | 682329 | QWB 995 | EK78787 / K 80757 | 4096 |
| KA 081 | F 15036 | F 15036 | VKBA 741 | | 713678750 | 301038 | QWB 568 | K81118 | 5229 |
| KA 082 | F 15036 | F 15036 | VKBA 898 | R152.28 | 713678280 | 302076 | QWB 528 | K81119 | 5234 |
| KA 083 | LM 11949/10 | LM 67048/10 | VKBA 523 | R152.02 | 713678300 | 300062 | QWB 414 | EK73837 / K 81150 | 5202 |
| KA 084 | 18790/20 | 387 A/382 A | VKBA 959 | R140.80 | 713678420 | 302124 | QWB 756 | EK74344 / K 81155 | 4080 |
| KA 085 | LM 11949/10 | 32007 XR | VKBA 1465 | R140.87 | 713678500 | 301118 | QWB 863 | EK78641 / K 81151 | 4087 |
| KA 086 | LM 11749/10 | L 44649/10 | VKBA 713 | R173.00 | 713619100 | 920752 | QWB 842 | EK73688 / K 81206 | 7300 |
| KA 087 | LM 11749/10 | L 45449/10 | VKBA 1396 | R151.11 | 713667380 | 401100 | QWB 773 | K82050 | 5111 |
| KA 088 | 30204 F | 30205 F | VKBA 547 | | | | | | |
| KA 089 | 30204 F | 30205 F | VKBA 546 | R159.11 | 713650210 | 602859 | QWB 445 | EK73462 / K 82606 | 5911 |
| KB 090 | F 15050 | | VKBA 969 | R155.19 | 713630250 | 702352 | QWB 662 | EK74307 / K 82923 | 5519 |
| KA 091 | 32005 XR | 320/32 XF | VKBA 830 | R140.25 | 713630440 | 702456 | QWB 497 | EK73461 / K 82955 | 4025 |
| KF 092 | F 16046 | | VKBA 964 | R160.13 | 713606260 | 802542 | QWB 671 | K80108 | 6013 |
| KF 093 | REPLACED BY KF 092 / SUSTITUIDO POR EL KF 092 | | | | | | | | |
| KF 094 | F 16031 | | VKBA 1447 | R160.18 | 713606160 | 801428 | QWB 944 | EK74356 / K 80116 | 6018 |
| KF 095 | F 16035 | | VKBA 575 | R154.15 | 713610160 | 100014 | QWB 510 | K80204 | 5416 |
| KF 096 | F 16038 | | VKBA 1355 | R157.08 | 713610290 | 100090 | | K80207 | 5708 |
| P KV 097 | REPLACED BY KV 194 / SUSTITUIDO POR EL KV 194 | | | | | | | | |
| KF 098 | F 16054 | | VKBA 1356 | R154.43 | 713610420 | 100098 | | K80214 | 5443 |
| KF 099 | F 16041 | | VKBA 1374 | R174.12 | 713617090 | 881704 | QWB 712 | K80310 | 7412 |
| KV 100 | F 16008 | | VKBA 1379 | R174.19 | 713617260 | 912530 | QWB 850 | EK73802 / K 80312 | 7415 |
| KF 101 | F 16052 | | VKBA 3461 | R161.23 | 713617360 | 881725 | QWB 994 | EK78953 / K 80323 | 6123 |
| KF 102 | F 16053 | | VKBA 3246 | R174.34 | 713617040 | 911383 | QWB 1003 | K80329 | 7434 |
| KV 103 | F 16015 | | VKBA 890 | | | | | | |




KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KA 077 | ALFA ROMEO (ARNA), NISSAN (CHERRY) | • |
| KB 078 | CITROËN (SAXO), PEUGEOT (106) | • |
| KA 079 | CITROËN (C25) | • |
| KA 080 | CITROËN (JUMPER) | • |
| KA 081 | FORD (SIERRA) | • |
| KA 082 | FORD (SIERRA) | • |
| KA 083 | FORD (ESCORT RANCHERA) | • |
| KA 084 | FORD (TRANSIT) | • |
| KA 085 | FORD (TRANSIT) | • |
| KA 086 | HYUNDAI (PONY), MITSUBISHI (COLT * CELESTE) | • |
| KA 087 | MERCEDES (CLASE G) | • |
| KA 088 | PEUGEOT (304 * 204) | • |
| KA 089 | PEUGEOT (304 * 204 * 305) | • |
| KB 090 | RENAULT (CLIO * MEGANE * SUPER 5 * 9 * 11 * 19) | • |
| KA 091 | RENAULT (TRAFFIC) | • |
| KF 092 | ALFA ROMEO (75 * 90 * GTV) | • |
| KF 093 | REPLACED BY KF 092 * SUSTITUIDO POR EL KF 092 | |
| KF 094 | ALFA ROMEO (33) | • |
| KF 095 | AUDI (80 * COUPE * 90), WV (GOLF * JETTA * PASSAT * SANTANA) | • |
| KF 096 | AUDI (A4 * A6 * 80 * CABRIO, COUPE * 90), WV (PASSAT * SANTANA) SKODA (SUPERB) | • |
| P KV 097 | REPLACED BY KV 194 * SUSTITUIDO POR EL KV 194 | |
| KF 098 | AUDI (A4 * A6 * V8 * A8 * COUPE * 80 * 90) | • |
| KF 099 | HONDA (ACCORD), MG (MG-ZR), ROVER (25 * 200 * 400 * CABRIO * COUPE) | • |
| KV 100 | HONDA (CIVIC * CRX * LOGO), ROVER (200) | • |
| KF 101 | MG (ZS), ROVER (45 * 400) | • |
| KF 102 | HONDA (CIVIC * CRX * HR-V) | • |
| KV 103 | BMW (SERIE 3 * СЕРИЯ 3) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

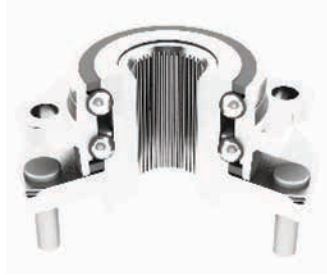


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|------------------------|--|-----------------------|-------------------|-----------|-----------------|----------|-------------------|-------------|
| KF 104 | F 16036 | | VKBA 1317 | R150.16 | 713649240 | 502068 | QWB 906 | EK78616 / K 80507 | 5016 |
| A KV 105 | F 16060 | | VKBA 938 / VKBA 3665 | R150.17 | 713667140 | 501112 / 501088 | QWB 534 | K80506 / K80510 | 5015 / 5017 |
| KF 106 | F 16046 | | VKBA 1320 | R150.19 | 713649270 | 502072 | QWB 779 | K80511 | 5019 |
| KF 107 | F 16032 | | VKBA 1318 | R150.12 | 713649250 | 502066 | QWB 514 | K80514 | 5012 |
| P KV 108 | F 16033 | | VKBA 1458 | R150.22 | 713667180 | 501136 | QWB 786 | K80516 | 5022 |
| KF 109 | F 16036 | | VKBA 1459 | R150.23 | 713649320 | 502138 | QWB 787 | EK78614 / K 80517 | 5023 |
| KF 110 | F 16046 | | VKBA 1460 | R150.24 | 713649300 | 502148 | QWB 831 | EK78615 / K 80518 | 5024 |
| KF 111 | F 16022 | | VKBA 1327 | R166.14 | 713640190 | 600334 | QWB 634 | EK74209 / K 80718 | 6614 |
| KF 112 | F 16004 | | VKBA 1328 | R166.15 | 713640280 | 602322 | QWB 635 | EK74210 / K 80719 | 6615 |
| KF 113 | F 16056 | | VKBA 3423 | R159.31 | 713630580 | 681303 | QWB 974 | EK78804 / K 80724 | 5931 |
| KV 114 | F 16016 | | VKBA 3477 / VKBA 3587 | R159.37 / R166.24 | 713630530 | 602337 | QWB 1049 | EK78875 | 5937 |
| KF 115 | F 16036 | | VKBA 1432 | R152.39 | 713678040 | 301132 | QWB 817 | EK74340 / K 81120 | 5239 |
| KF 116 | F 16055 | | VKBA 1480 | R152.42 | 713678050 | 301182 | QWB 859 | EK78634 / K 81125 | 5242 |
| KD 117 | F 18009 | | VKBA 922 | R140.52 | 713678400 | 302172 | QWB 194C | K81151 | 4052 |
| KD 118 | F 18009 | | VKBA 958 | | 713678400 | 302176 | QWB 194C | K81156 | 4070 |
| KF 119 | F 16091 | | VKBA 3309 | R173.22 | 713619090 | 951409 | | EK78942 | 7322 |
| KV 120 | F 16006 | | VKBA 3305 | R173.23 | 713619080 | 952405 | | EK78935 / K 81214 | 7323 |
| KF 121 | F 16090 | | VKBA 1970 | R173.14 | 713619170 | 951604 | QWB 958 | EK78647 | 7314 |
| KV 122 | F 16014 | | VKBA 3326 | R173.17 | 713619410 | 952415 | | EK78936 / K 81220 | 7317 |
| KV 123 | F 16014 | | VKBA 3327 | R173.18 | 713619420 | 952417 | | EK78938 / K 81221 | 7318 |
| KF 124 | F 16059 | | VKBA 757 | R151.07 | 713667870 | 402116 | QWB 783 | K82005 | 5107 |
| KB 125 | F 15167 | | VKBA 1347 | R151.15 | 713667580 | 402080 | QWB 754 | K82007 | 5115 |
| KA 126 | U 497/U 460 L + COLLAR | | VKBA 1470 | R151.10 | 713667560 | 402050 | QWB 813 | K82053 | 5110 |
| KF 127 | F 16059 | | VKBA 3486 | R151.27 | 713667050 | 400107 | QWB 1057 | K82068 | 5127 |
| KF 128 | F 16081 | | VKBA 1999 | R168.26 | 713613830 | 960638 | QWB 956 | K82307 | 6826 |
| KF 129 | F 16058 | | VKBA 1362 | R168.18 | 713613090 | 960578 | QWB 931 | K82311 | 6818 |
| KF 130 | F 16034 | | VKBA 3201 | R168.30 | 713613040 | 961648 | QWB 928 | K82315 | 6830 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KF 104 | BMW (316 * 318 * 320 * 324 * 325) | • |
| A KV 105 | BMW (518 * 520 * 525 * 524 * 530 * 535 * 750 * 850) | • |
| KF 106 | BMW (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO) | • |
| KF 107 | BMW (518 * 520 * 525 * 524 * 530 * 535) | • |
| P KV 108 | BMW (518 * 520 * 525 * 524 * 530 * 535 * 730 * 735 * 740 * 750 * 840 * 850) | • |
| KF 109 | BMW (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO) | • |
| KF 110 | BMW (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO * Z1 * Z4) | • |
| KF 111 | CITROËN (AX * SAXO), PEUGEOT (106) | • |
| KF 112 | CITROËN (AX * SAXO), PEUGEOT (106) | • |
| KF 113 | CITROËN (EVASION * JUMPY), FIAT(SCUDO * ULYSSE), LANCIA (ZETA), PEUGEOT (806 * EXPERT) | • |
| KV 114 | CITROËN (BERLINGO * XANTIA), PEUGEOT(406 * PARTNER) | • |
| KF 115 | FORD (ESCORT * FIESTA * ORION * PUMA) | • |
| KF 116 | FORD (COUGAR * MONDEO) | • |
| KD 117 | FORD (TRANSIT) | • |
| KD 118 | FORD (MONDEO) | • |
| KF 119 | MITSUBISHI (CARISMA * COLT * LANCER * MONTERO) | • |
| KV 120 | MITSUBISHI (LANCER, COLT, CARISMA. MONTERO) | • |
| KF 121 | MITSUBISHI (GALANT * ECLIPSE * SPACE WAGON * SPACE RUNNER) | • |
| KV 122 | MITSUBISHI (SPACE-.WAGON) | • |
| KV 123 | MITSUBISHI (SPACE-.WAGON) | • |
| KF 124 | MERCEDES (124 * 190 * CLASE C * CLK * CLASE E * SL * SLK) | • |
| KB 125 | MERCEDES (KOMBI * CLASE E) | • |
| KA 126 | MERCEDES (CLASE G * HENSCHEL * T1) | • |
| KF 127 | MERCEDES (CLASE V * VITO) | • |
| KF 128 | NISSAN (PRIMERA * PRAIRIE * MAXIMA) | • |
| KF 129 | NISSAN (SUNNY) | • |
| KF 130 | NISSAN (SUNNY * ALMERA) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

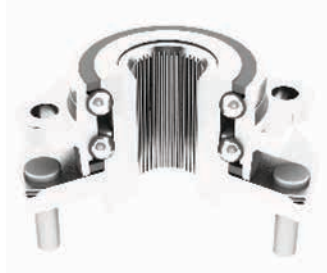


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|---------|---------|-------------------------|---------|-----------|--------------------|----------|----------------------|---------|
| KA 131 | 32209 F | 32209 F | VKBA 1953 | R168.41 | 713613070 | | | | |
| KC 132 | | | VKBA 673 | R168.04 | 713613220 | 962684 | QWB 354 | K82353 | 6804 |
| KF 133 | F 16019 | | VKBA 663 / VKBA 3256 | R153.14 | 713644160 | 201040 / 971391 | QWB 417 | EK78813 / K82501 | 5314 |
| KF 134 | F 16036 | | VKBA 736 / VKBA 3257 | R153.15 | 713644170 | 201032 / 971393 | QWB 436 | K82506 / K80410 | 5315 |
| P KV 135 | F 16028 | | VKBA 1301 | R153.19 | 713644540 | 201084 | QWB 603 | EK74242 / K 82510 | 5318 |
| KF 136 | F 16032 | | VKBA 1326 | R153.20 | 713644650 | 202168 | QWB 570 | EK74244 / K 82512 | 5320 |
| KF 137 | F 16020 | | VKBA 3403 | R153.25 | 713644150 | 201210 | QWB 935 | EK78706 / K 82516 | 5325 |
| KF 138 | F 16037 | | VKBA 3410 | R153.26 | 713644190 | 201228 | QWB 878 | EK78767 / K 82518 | 5326 |
| KF 139 | F 16042 | | VKBA 618 | R159.07 | | 601495 | | EK73459 / K 82604 | 5907 |
| KF 140 | F 16049 | | VKBA 622 | R159.03 | | 602406 | | EK73463 / K 82611 | 5903 |
| KF 141 | F 16050 | | VKBA 729 | R159.13 | 713650260 | 602390 | QWB 461 | EK73466 / K 82612 | 5913 |
| KF 142 | F 16026 | | VKBA 882 | R159.14 | 713650160 | 601306 | QWB 798 | EK73469 / K 82613 | 5914 |
| KF 143 | F 16048 | | VKBA 915 | R166.13 | 713640180 | 600308 | QWB 781 | EK73470 / K 82615 | 6613 |
| KV 144 | F 16017 | | VKBA 743 | R159.15 | 713640260 | 602340 | QWB 500 | EK73454 / K 82616 | 5915 |
| KF 145 | F 16029 | | VKBA 3554 | R159.17 | 713650060 | 601916 | QWB 1150 | EK79093 / K 82619 | 5917 |
| KC 146 | | | VKBA 629 | R155.00 | 713630100 | | QWB 302 | | |
| KC 147 | | | VKBA 639 | R155.01 | 713630120 | | QWB 286 | | |
| KC 148 | | | VKBA 636 | R155.10 | 713630130 | 701374 | QWB 302 | EK73487 / K 82907 | 5510 |
| KC 149 | | | VKBA 723 | R155.08 | 713630150 | 701332 | QWB 313 | EK73482 / K 82908 | 5508 |
| KF 150 | F 16025 | | VKBA 638 | R155.21 | 713630160 | 701432 | QWB 309 | EK73483 / K 82910 | 5521 |
| KF 151 | F 16021 | | | R155.31 | | 701302 | | | |
| KV 152 | F 16044 | | VKBA 966 | R155.11 | 713630170 | 701326 | QWB 467 | EK73492 / K 82913 | 5511 |
| KF 153 | F 16051 | | VKBA 909 | R155.09 | 713644180 | 701404 | QWB 479 | EK73479 / K 89914 | 5509 |
| KV 154 | F 16005 | | VKBA 967 | R155.15 | | 702380 | | EK73501 / K 82916 | 5515 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|---|---|
| KA 131 | NISSAN (PATROL) | • |
| KC 132 | NISSAN (BLUEBIRD * VANETTE * LAUREL * SILVIA) | • |
| KF 133 | DAEWOO (NEXIA * CIELO) | • |
| KF 134 | DAEWOO (NEXIA * CIELO * ESPERO) | • |
| P KV 135 | OPEL (OMEGA * SENATOR) VAUXHALL (CARLTON * SENATOR * OMEGA) | • |
| KF 136 | OPEL (CALIBRA * OMEGA * SENATOR * VECTRA) | • |
| KF 137 | OPEL (ASTRA * COMBO * CORSA * KADETT * TIGRA * VECTRA) | • |
| KF 138 | OPEL (ASTRA * CALIBRA * OMEGA * VECTRA) | • |
| KF 139 | PEUGEOT (204 * 304 * 305) | • |
| KF 140 | PEUGEOT (504 * 505) | • |
| KF 141 | PEUGEOT (504 * 505) | • |
| KF 142 | CITROËN (AX * C15) | • |
| KF 143 | CITROËN (BERLINGO) | • |
| KV 144 | CITROËN (BX) | • |
| KF 145 | CITROËN (C2 * C3 * SAXO * XSARA), PEUGEOT (106 * 206 * 306) | • |
| KC 146 | RENAULT (4 * 6) | • |
| KC 147 | RENAULT (5 * 12) | • |
| KC 148 | RENAULT (4 * 5) | • |
| KC 149 | DACIA (1300), RENAULT (12 * 15 * 18) | • |
| KF 150 | RENAULT (14) | • |
| KF 151 | CITROËN (XANTIA) | • |
| KV 152 | RENAULT (SPACE) | • |
| KF 153 | RENAULT (20 * 30 * TRAFFIC) | • |
| KV 154 | RENAULT (SPACE * LAGUNA * FUEGO) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

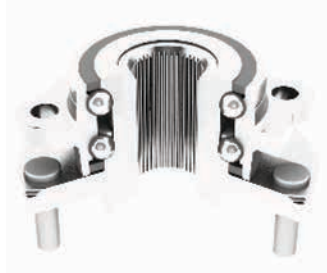


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|-------------|-------------|-------------------------|----------------------|-----------|--------------------|----------|----------------------|----------------|
| KF 155 | F 16030 | | VKBA 3596 | R155.16 | 713630030 | 700310 | QWB 1084 | EK73499 / K 82917 | 5516 |
| P KV 156 | F 16061 | | VKBA 1406 | R155.24 | 713630350 | 702514 | QWB 687 | EK74310 / K 82920 | 5524 |
| P KV 157 | F 16007 | | VKBA 1494 | R155.26 | 713630310 | 702494 | QWB 1133 | EK78660 / K 82926 | 5526 |
| KF 158 | F 16031 | | VKBA 3408 | | | | | | |
| KF 159 | F 16024 | | VKBA 3441 | R154.49 | 713614030 | 801543 | | EK74349 / K 83105 | 5449 |
| KF 160 | F 16002 | | VKBA 685 | R158.28 | 713690170 | 800304 | QWB 422 | K83210 | 5812 |
| KF 161 | F 16001 | | VKBA 559 / VKBA 1442 | R158.07 | 713690160 | 800408 / 801382 | QWB 422 | EK74360 / K83212 | 5807 / 5830 |
| KV 162 | F 16062 | | VKBA 625 / VKBA 940 | R158.10 / R158.17 | 713690240 | 802318 / 802324 | QWB 422 | K83213 | 5810 / 5817 |
| KV 163 | F 16003 | | VKBA 734 | R158.13 | 713690010 | 801342 | QWB 515 | K83214 | 5813 |
| KV 164 | F 16010 | | VKBA 1440 | R158.22 | 713690230 | 802330 | QWB 736 | K83217 | 5822 |
| KF 165 | F 16027 | | VKBA 1438 | R158.31 | 713690500 | 801376 | QWB 855 | EK74354 / K 83226 | 5831 |
| KF 166 | F 16031 | | VKBA 1439 | R158.32 | 713690510 | 800398 | QWB 853 | K83227 | 5832 |
| KF 167 | F 16031 | | VKBA 3416 | R158.37 | 713690610 | 801730 | | EK78819 / K 83237 | 5837 |
| KF 168 | F 16027 | | VKBA 3414 | R158.35 | 713690500 | 801362 | QWB 855 | K83236 | 5835 |
| KA 169 | 30305 F | 32208 F | VKBA 1385/ VKBA 1386 | R140.58 / R140.59 | 713690380 | 801750 / 801644 | QWB 666 | K83252 | 4058 / 4059 |
| KA 170 | 32011 XF | 32011 XF | VKBA 1393 | R140.65 | 713690470 | 802748 | QWB 685 | K83253 | 4065 |
| KA 171 | 18690/18620 | 368 A/362 A | VKBA 1387 | R140.60 | | | | | |
| KF 172 | F 16043 | | VKBA 738 | R156.04 | 713680160 | 601446 | QWB 231 | EK73511 / K 83601 | 5604 |
| KF 173 | F 16009 | | VKBA 1344 | R169.10 | 713618270 | 982766 | QWB 703 | K83705 | 6910 |
| KC 174 | | | VKBA 1966/ VKBA 675 | R169.04 | 713618210 | 982685 | QWB 360 | EK78679 / K 83756 | 4089 |
| KF 175 | F 16024 | | VKBA 1315 | R165.11 | 713660190 | 891484 | QWB 759 | EK74248 / K 84009 | 6511 |
| KF 176 | F 16024 | | VKBA 1495 | R165.16 | 713660050 | 891486 | QWB 1284 | EK78684 / K 84010 | 6516 |
| KV 177 | F 16012 | | VKBA 1436 | R165.10 | 713660280 | 892470 | QWB 1240 | EK78791 / K 84011 | 6510 |
| P KV 178 | F 16013 | | VKBA 1437 | R165.15 | 713660410 | 892472 | QWB 1234 | EK78570 / K 84012 | 6515 |
| KF 179 | F 16019 | | VKBA 593 | R154.14 | 713610140 | 101010 | QWB 328 | EK73592 / K 84101 | 5414 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KF 155 | RENAULT (LAGUNA I * MEGANIE * SCENIC * SAFRANE) | • |
| P KV 156 | RENAULT (SPACE) | • |
| P KV 157 | RENAULT (21) | • |
| KF 158 | DACIA (LOGAN), RENAULT (CLIO * SPACE * KANGOO * LAGUNA * MEGANE * SCENIC * EXPRESS * THALIA * 19 * 21) | • |
| KF 159 | SKODA (FAVORIT * FELICIA), WV (CADDY) | • |
| KF 160 | FIAT (DUNA * FIORINO) | • |
| KF 161 | FIAT (UNO) | • |
| KV 162 | FIAT (DUNA * REGATA * FIORINO) | • |
| KV 163 | FIAT (PANDA) | • |
| KV 164 | ALFA ROMEO (145 * 146) | • |
| KF 165 | FIAT (LINEA * TEMPRA) | • |
| KF 166 | ALFA ROMEO (145) | • |
| KF 167 | FIAT (DOBLO * FIORINO) | • |
| KF 168 | FIAT (LINEA * TEMPRA), LANCIA (DELTHA) | • |
| KA 169 | IVECO (DAILY) | • |
| KA 170 | IVECO (DAILY) | • |
| KA 171 | IVECO (DAILY) | • |
| KF 172 | TALBOT (HORIZON * 1300) | • |
| KF 173 | TOYOTA (CAMRY * CARINA) | • |
| KC 174 | TOYOTA (LITEACE) | • |
| KF 175 | VOLVO (440 * 460) | • |
| KF 176 | VOLVO (440) | • |
| KV 177 | VOLVO (440) | • |
| P KV 178 | VOLVO (440) | • |
| KF 179 | WV (CADDY * GOLF) | • |

10.0 \ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

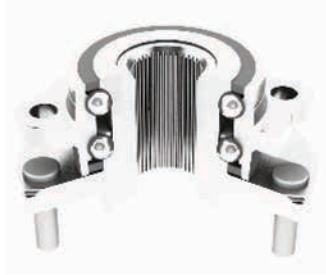


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|--------------|--------------|--------------------------|----------------------|--------------------------|--------------------|----------|----------------------|---------|
| KF 180 | F 16018 | | VKBA 577 | R154.12 | 713610130 | 101044 | QWB 200 | EK73597 / K 84103 | 5412 |
| KF 181 | F 16023 | | VKBA 906 | R154.23 | 713610310 | 101016 | | EK73603 / K 84105 | 5423 |
| KF 182 | F 16039 | | VKBA 1358 | R154.28 | 713610100 / 713610730 | 100022 | QWB 698 | K84106 | 5428 |
| KF 183 | F 16039 | | VKBA 1491 | R154.34 | 713610040 | 101024 | QWB 880 | K84107 | 5434 |
| KF 184 | F 16040 | | VKBA 3455 | R154.01 | 713610020 | 101113 | QWB 1089 | EK78902 / K 80212 | 5401 |
| KF 185 | F 16035 | | VKBA 576 | R154.15 | 713610160 | 101147 | QWB 510 | K80211 | 5415 |
| KA 186 | 30208 F | | VKBA 1956 | R173.07 | 713619240 | 952661 | QWB 747 | EK74288 / K 81208 | 7307 |
| KA 187 | L 45449/10 | L 45449/10 | VKBA 1367 | R173.09 | 713619230 | 952710 | QWB 803 | K81211 | 7309 |
| KC 188 | | | VKBA 1371 | R173.05 | 713619210 | 952593 | QWB 376 | K81223 | 7305 |
| KA 189 | LM 12749/10 | L 68149/11 | VKBA 1498 | R151.24 | 713667470 | 401078 | QWB 1070 | K82011 | 5118 |
| KA 190 | LM 102949/10 | LM 102949/10 | VKBA 1915 | R173.06 | 713619140 | 951722 | QWB 716 | EK78582 / K 81207 | 7306 |
| KB 191 | F 15067 | | VKBA 3532 | R152.56 | 713678030 | 302057 | QWB 1128 | K81141 | 5256 |
| KB 192 | F 15044 | | VKBA 3496 | R155.32 | 713630180 | 701302 | QWB 430 | EK73490 / K 82963 | 5529 |
| KB 193 | F 15041 | | VKBA 3525 | R155.63 / R159.89 | 713630300 | 702312 / 702899 | QWB 1088 | K82965 | 5513 |
| P KV 194 | F 16065 | | VKBA 3456 | R157.20 | 713610220 | 102115 | QWB 1055 | EK78903 / K 80213 | 5448 |
| KF 195 | F 16066 | | VKBA 3495 | R155.44 | 713630050 | 701307 | QWB 871 | K82962 | 5538 |
| KV 196 | F 16067 | | VKBA 3510 | R153.31 | 713644040 | 201033 | QWB 1112 | EK79086 / K 82523 | 5331 |
| KF 197 | F 16068 | | VKBA 3730 | R169.37 | 713618560 | 981868 | | EK79005 / K 83730 | 6937 |
| A KV 198 | F 16069 | | VKBA 3511 | R153.32 | 713644070 | 201035 | QWB 1113 | EK79087 / K 82524 | 5332 |
| A KV 199 | F 16070 | | VKBA 3513 | R153.33 | 713644060 | 201043 | QWB 1114 | EK79089 / K 82542 | 5333 |
| KA 200 | 33108 F | 32206 F | VKBA 1462 / VKBA 1463 | R140.83 / R140.84 | 713690490 | 682492 | | EK78618 / K 83259 | 4083 |
| KF 201 | F 16036 | | VKBA 3530 | R152.54 | 713678110 | 301039 | QWB 1126 | K81139 | 5254 |
| A KV 202 | F 16073 | | VKBA 3409 | R153.23 | 713644560 | 202142 | QWB 877 | EK78658 / K 82517 | 5323 |
| KF 203 | F 16024 | | VKBA 1410 | R182.60 | 713696100 | 801354 | QWB 422 | EK74347 / K 83210 | 8260 |
| KV 204 | F 16072 | | VKBA 310 | R158.14 | 713690260 | 802394 | QWB 509 | K83215 | 5814 |



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KF 180 | AUDI (50), WV (DERBY) | • |
| KF 181 | SEAT (AROSA), WV (GOLF) | • |
| KF 182 | SEAT (CORDOBA) | • |
| KF 183 | SEAT (TOLEDO), WV (CORRADO * GOLF * PASSAT) | • |
| KF 184 | AUDI (A3 * TT), SEAT (LEON * TOLEDO) SKODA (OCTAVIA * ROOMSTER), WV (BORA * GOLF * NEW BEETLE) | • |
| KF 185 | AUDI (COUPE * 80 * 90), WV (GOLF * JETTA * PASSAT * SANTANA) | • |
| KA 186 | MITSUBISHI (L-200 * L-300 * MONTERO) | • |
| KA 187 | MITSUBISHI (COLT * LANCER * MIRAGE) | • |
| KC 188 | MITSUBISHI (COLT * CELESTE * GALANT * SAPPORO) | • |
| KA 189 | MERCEDES (CLASE C * CLK * SEDAN * CABRIO * CLASE E * SLK) | • |
| KA 190 | HYUNDAI (GALLOPER), MITSUBISHI (L-200 * L-300 * MONTERO) | • |
| KB 191 | FORD (FIESTA * FOCUS * FUSION), MAZDA (2) | • |
| KB 192 | RENAULT (CLIO * EXPRESS * THALIA * TWINGO * SUPER 5 * 9 * 11 * 19) | • |
| KB 193 | DACIA (LOGAN), NISSAN (MICRA * NOTE), RENAULT (CLIO * LOGAN * MEGANE * MODUS * THALIA * TWINGO * 19 * CHAMADE) | • |
| P KV 194 | AUDI (A3 * TT), SEAT (LEON * TOLEDO) SKODA (OCTAVIA * ROOMSTER), WV (BORA * GOLF * NEW BEETLE) | • |
| KF 195 | RENAULT (LAGUNA * MEGANE * SAFRANE) | • |
| KV 196 | OPEL (ASTRA * ZAFIRA) | • |
| KF 197 | TOYOTA (COROLLA) | • |
| A KV 198 | OPEL (ASTRA) | • |
| A KV 199 | OPEL (ASTRA * ZAFIRA) | • |
| KA 200 | CITROËN (C25), FIAT (DUCATO), PEUGEOT (J5) | • |
| KF 201 | FORD (FIESTA * FOCUS * FUSION), MAZDA (2) | • |
| A KV 202 | OPEL (ASTRA * VECTRA) | • |
| KF 203 | SEAT (IBIZA * MALAGA * RONDA) | • |
| KV 204 | FIAT (PANDA), SEAT (MARBELLA) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

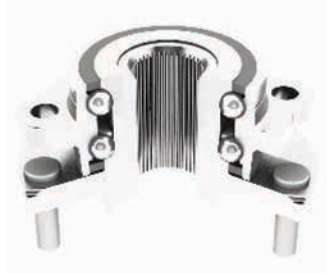


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|---|-----------------------|--------------------------|---------|-----------|---------|----------|----------------------|---------|
| KC 205 | 6306 2RS | | VKBA 973 | R172.00 | 713690190 | 802454 | QWB 254 | EK73711 / K 81802 | 7200 |
| KA 206 | 30304 F | 30206 F | | | | | | | |
| KA 207 | 30208 F | 30208 F | | | | | | | |
| KA 208 | 30209 F | 30209 F | | | | | | | |
| KC 209 | 6306 2RS | 6306 2RS | | | | | | | |
| KA 210 | L 44645/ L 44613 | L 44645/ L 44613 | VKBA 562 | R158.04 | 713690210 | 802464 | QWB 241 | K83202 | 5804 |
| KA 211 | U 399/U 360 L + COLLAR | | VKBA 571 | R165.03 | 713660230 | 892460 | QWB 457 | EK73705 / K 84008 | 6503 |
| KA 212 | U 399/U 360 L + COLLAR | | VKBA 733 | R165.05 | 713660260 | 892458 | QWB 599 | EK73710 / K 84006 | 6505 |
| KA 213 | 05-02-4911 | 01-03-4016 | VKBA 927 | R158.02 | 713690110 | 801538 | QWB 249 | K83201 | 5802 |
| KA 214 | JL 69349/ JL 69310 | JL 69349/ JL 69310 | VKBA 949 | R170.09 | 713615150 | 941636 | QWB 722 | K81903 | 7009 |
| KV 215 | F 16136 | | VKBA 1331 | R159.22 | 713650250 | 602388 | QWB 678 | EK74254 / K 80723 | 5922 |
| KF 216 | REPLACED BY KF 182 / SUSTITUIDO POR EL KF 182 | | | | | | | | |
| KB 217 | F 15137 | | VKBA 1363 | R168.19 | 713613210 | 962718 | QWB 763 | K82312 | 6819 |
| P KV 218 | F 16137 | | VKBA 1441 | R158.21 | 713690600 | 802378 | QWB 734 | K83224 | 5821 |
| P KV 219 | F 16138 | | VKBA 1475 | R159.29 | 713640250 | 602314 | QWB 830 | EK78617 / K 80122 | 5929 |
| KV 220 | F 16139 | | VKBA 1481 | R152.43 | 713678340 | 302186 | QWB 860 | EK78635 / K 81126 | 5243 |
| P KV 221 | F 16140 | | VKBA 1482 | R152.44 | 713678700 | 302188 | QWB 1189 | EK78636 / K 81127 | 5244 |
| P KV 222 | F 16141 | | VKBA 1484 | R152.45 | 713678360 | 302192 | QWB 861 | EK78638 / K 81129 | 5245 |
| KC 223 | 6007 2RS/C3 | 6007 2RS/C3 | VKBA 1930 | R177.09 | 713623050 | 971455 | QWB 896 | K83401 | 7709 |
| KC 224 | 6204 2RS/C3 | 6205 2RS/C3 | VKBA 1931 | R177.08 | 713623300 | 972453 | | K83402 | 7708 |
| KF 225 | F 16088 | | VKBA 1948 | R170.32 | 713615090 | 940371 | | EK78888 / K 81906 | 7032 |
| KV 226 | F 16142 | | VKBA 1949 | R170.23 | 713615510 | 942569 | QWB 891 | EK78632 / K 81907 | 7023 |
| KF 227 | F 16089 | | VKBA 1950 / VKBA 3780 | R170.22 | 713615030 | 941700 | QWB 890 | EK78631 / K 81905 | 7022 |
| KV 228 | F 16143 | | VKBA 3218 | R173.16 | 713619280 | 952608 | QWB 926 | EK78648 | 7316 |
| KV 229 | F 16144 | | VKBA 3250 | R174.28 | 713617070 | 911385 | QWB 965 | K80326 | 7428 |
| KV 230 | F 16145 | | VKBA 3266 | R184.02 | 713619050 | 922781 | QWB 1081 | EK78922 / K 81204 | 8402 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KC 205 | FSO (125 * POLONEZ), LADA (NIVA) | • |
| KA 206 | ARO TV * MOSKVICH | |
| KA 207 | ARO TV * MOSKVICH | |
| KA 208 | ARO TV * MOSKVICH | |
| KC 209 | ARO TV * MOSKVICH | |
| KA 210 | FIAT (126 * 500 * 600), FSO (126), SEAT (600) | • |
| KA 211 | VOLVO (140 * 164 * 240 * 260 * 740 * 760 * P-1800) | • |
| KA 212 | VOLVO (740 * 760 * 780 * 940 * 960) | • |
| KA 213 | FIAT (126 * 500 * 600), FSO (126), SEAT (600) | • |
| KA 214 | MAZDA (121 * 323) | • |
| KV 215 | CITROËN (BX), PEUGEOT (405) | • |
| KF 216 | REPLACED BY KF 182 * SUSTITUIDO POR EL KF 182 | |
| KB 217 | NISSAN (SUNNY) | • |
| P KV 218 | ALFA ROMEO (145 * 146 * 155) | • |
| P KV 219 | CITROËN (XSARA * ZX), PEUGEOT (205 * 306) | • |
| KV 220 | FORD (FIESTA * COUGAR * MONDEO) | • |
| P KV 221 | FORD (FIESTA * COUGAR * MONDEO) | • |
| P KV 222 | FORD (MONDEO) | • |
| KC 223 | SUZUKI (ALTO * SWIFT) | • |
| KC 224 | SUZUKI (ALTO * SWIFT), DAEWOO (TICO) | • |
| KF 225 | KIA (CARENS * SHUMA * SEPHIA), MAZDA (323 * 626 * 6 * MVP * MX-5 * MX-6 * XEDOS 6 * XEDOS 9) | • |
| KV 226 | MAZDA (323 * 626) | • |
| KF 227 | KIA (SHUMA * SEPHIA), MAZDA (323 * MX-5 * MX-6) | • |
| KV 228 | MITSUBISHI (GALANT) | • |
| KV 229 | HONDA (ACCORD), ROVER (600) | • |
| KV 230 | HYUNDAI (ACCENT) | • |

10.0 \ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

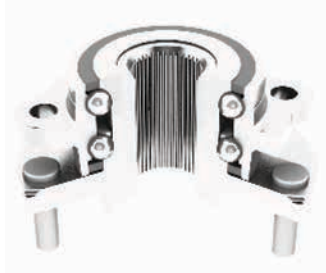
| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|-------------|-------------|-----------|---------|-----------|---------|----------|----------------------|---------|
| KV 231 | F 16146 | | VKBA 3267 | R184.03 | 713619060 | 922783 | QWB 1079 | EK78921 / K 81203 | 8403 |
| KV 232 | F 16147 | | VKBA 3298 | R170.24 | 713615530 | 942773 | | EK78930 / K 81908 | 7024 |
| KF 233 | F 16085 | | VKBA 3406 | R154.33 | 713610340 | 100206 | QWB 997 | EK78747 / K 84160 | 5433 |
| KV 234 | F 16148 | | VKBA 3418 | R165.20 | 713660080 | 892735 | QWB 1202 | EK78820 / K 84023 | 6520 |
| KV 235 | F 16149 | | VKBA 3422 | R153.22 | 713644550 | 202140 | QWB 876 | EK78657 / K 82513 | 5322 |
| P KV 236 | F 16150 | | VKBA 3424 | R159.32 | 713630570 | 682305 | QWB 1001 | EK78805 / K 80125 | 5838 |
| P KV 237 | F 16151 | | VKBA 3442 | R158.39 | 713690550 | 802315 | | K83237 | 5839 |
| P KV 238 | F 16152 | | VKBA 3444 | R150.30 | 713667220 | 501121 | QWB 1200 | EK78904 / K 80520 | 5030 |
| P KV 239 | F 16153 | | VKBA 3445 | R150.29 | 713649410 | 502123 | | EK78905 / K 80521 | 5029 |
| KF 240 | F 16086 | | VKBA 3449 | R154.41 | 713610450 | 131129 | QWB 1000 | EK78869 / K 81135 | 5441 |
| KF 241 | F 16086 | | VKBA 3450 | R154.42 | 713610460 | 132131 | QWB 1146 | EK78870 / K 81136 | 5442 |
| KV 242 | F 16154 | | VKBA 3458 | R165.22 | 713660120 | 892843 | QWB 1233 | EK78968 / K 84021 | 6522 |
| P KV 243 | F 16155 | | VKBA 3468 | R155.47 | 713630630 | 702355 | QWB 952 | EK78774 / K 82937 | 5547 |
| KV 244 | F 16156 | | VKBA 3469 | R155.46 | 713630640 | 702357 | QWB 951 | EK78773 / K 82936 | 5546 |
| KV 245 | F 16188 | | VKBA 3488 | R165.23 | 713660370 | 891628 | QWB 1039 | EK78803 / K 84025 | 6517 |
| P KV 246 | F 16157 | | VKBA 3491 | R155.56 | 713630650 | 702321 | QWB 1131 | K82949 | 5556 |
| KV 247 | F 16158 | | VKBA 3512 | R153.30 | 713644030 | 201031 | QWB 1117 | EK79088 / K 82525 | 5330 |
| KA 248 | LM 11949/10 | L 45449/10 | VKBA 3519 | R154.50 | 713610370 | 102055 | QWB 1155 | K80215 | 5450 |
| KV 249 | F 16159 | | VKBA 3526 | R165.26 | 713660310 | 891869 | QWB 1241 | K84028 | 6526 |
| KV 250 | F 16160 | | VKBA 3536 | R157.26 | 713610390 | 100053 | | K80217 | 5466 |
| A KV 251 | F 16161 | | VKBA 3540 | R158.46 | 713690710 | 802839 | QWB 1101 | EK79117 / K 80125 | 5846 |
| P KV 252 | F 16162 | | VKBA 3555 | R153.27 | 713644570 | 202218 | QWB 879 | EK78797 / K 82528 | 5327 |
| KC 253 | | | VKBA 607 | R158.11 | 713690200 | 802480 | QWB 177C | K83207 | 5811 |
| KA 254 | LM 67049/14 | LM 67049/14 | VKBA 749 | R161.09 | 713620130 | 881592 | QWB 159C | EK73729 / K 80334 | 6109 |

P Passive ABS / ABS pasivo

A Active ABS / ABS activo





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KV 231 | HYUNDAI (ACCENT) | • |
| KV 232 | MAZDA (323 * MX-3) | • |
| KF 233 | WV (TRANSPORTER) | • |
| KV 234 | VOLVO (S70 * V70 * C70 * 850) | • |
| KV 235 | OPEL (ASTRA * MERIVA * VECTRA) | • |
| P KV 236 | CITROËN (EVASION * JUMPY), FIAT(SCUDO * ULYSSE), LANCIA (ZETA), PEUGEOT (806 * EXPERT) | • |
| P KV 237 | ALFA ROMEO (145 * 146), FIAT (BRAVA * BRAVO * BARCHETTA * MAREA) | • |
| P KV 238 | BMW (SERIE 5 * СЕРИЯ 5 * Z8) | • |
| P KV 239 | BMW (SERIE 5 * СЕРИЯ 5) | • |
| KF 240 | FORD (GALAXY), SEAT (ALHAMBRA), WV (SHARAN) | • |
| KF 241 | FORD (GALAXY), SEAT (ALHAMBRA), WV (SHARAN) | • |
| KV 242 | VOLVO (S40 * V40) | • |
| P KV 243 | RENAULT (LAGUNA) | • |
| KV 244 | RENAULT (LAGUNA) | • |
| KV 245 | VOLVO (S70 * V70 * C70 * 850) | • |
| P KV 246 | RENAULT (MEGANE * SCENIC) | • |
| KV 247 | OPEL (ASTRA * ZAFIRA) | • |
| KA 248 | AUDI (A4 * CABRIO), SEAT (INCA), WV (CADDY) | • |
| KV 249 | VOLVO (S70 * V70 * C70) | • |
| KV 250 | AUDI (A4 * A6 * A8), SEAT (EXEO), WV (PASSAT) | • |
| A KV 251 | ALFA ROMEO (146 * 145 * MITO), CITROËN (NEMO), FORD (KA), LANCIA (DELTA * LYBRA * MUSSA * Y * YPSILON), FIAT (BARCHETTA * BRAVA * BRAVO * FIORINO * MAREA * MULTIPLA * PALIO * PANDA * PUNTO * ESTILO * 500) | • |
| P KV 246 | OPEL (ASTRA * COMBO * ZAFIRA * MERIVA * VECTRA), SAAB (9-3 * 9-5 * 900) | • |
| KC 253 | FIAT (ARGENTA * 124 * 125 * 131 * 132), FSO (125P) | • |
| KA 254 | AUSTIN (MINI), ROVER (MINI) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

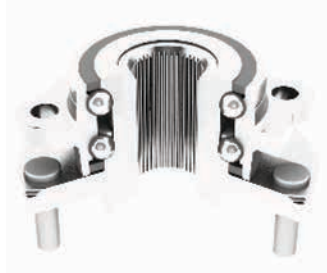


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|----------------|---|---------------|-----------------------|-------------------|-----------|---------|----------|-------------------|---------|
| KA 255 | JLM 104945/10 | JLM 104945/10 | VKBA 829 | R140.23 | 713630330 | 701726 | QWB 474 | EK73493 / K 82950 | 4023 |
| KC 256 | 6207 C3 | F 19074 | VKBA 910 | R154.08 | 713611550 | 102094 | QWB 494 | EK73600 / K 82364 | 5408 |
| KA 257 | F 15164 | F 15164 | VKBA 919 | R152.33 | 713678290 | 302122 | QWB 533 | K81115 | 5233 |
| KV 258 | F 16163 | | VKBA 968 | R155.18 | 713630560 | 702380 | | EK73501 / K 82932 | 5515 |
| KF 259 | F 16034 | | VKBA 1340 | R169.50 | 713618020 | 981616 | QWB 766 | EK74281 | 6950 |
| KV 260 | F 16164 | | VKBA 1375 | R174.16 | 713617270 | 912532 | QWB 742 | K80313 | 7416 |
| KF 261 | F 16031 | | VKBA 1403 | R158.18 | 713690070 | 800400 | QWB 846 | EK74221 / K 83216 | 5818 |
| KB 262 | REPLACED BY KB 192 / SUSTITUIDO POR EL KB 192 | | | | | | | | |
| KB 263 | F 15068 | | VKBA 1467 | R140.85 | 713678610 | 302166 | QWB 865 | EK78643 / K 81159 | 4085 |
| KF 264 | F 16107 | | VKBA 1488 | R160.15 / R160.20 | 713690540 | 801500 | QWB 1118 | EK74215 / K 80119 | 6015 |
| KC 265 | | | VKBA 1971 | R177.11 | 713623090 | 972571 | | K83451 | 7711 |
| KA 266 | 30208 F | | VKBA 3206 | R140.91 | 713613410 | 962435 | | EK74331 | 4091 |
| KV 267 | F 16165 | | VKBA 3225 | R168.24 | 713613640 | 962548 | QWB 939 | EK78653 / K 82302 | 6824 |
| KA 268 | 32209 F | | VKBA 3321 | | 713613590 | 962905 | | EK78654 / K 82364 | 6852 |
| KA 269 | 32205 BF | 32007 XF | VKBA 3407 | R140.81 | 713630550 | 702586 | QWB 942 | K82958 | 4081 |
| KF 270 | F 16093 | | VKBA 3413 | R158.34 | 713690780 | 801364 | QWB 854 | K83235 | 5834 |
| KV 271 | F 16166 | | VKBA 3415 | R165.17 | 713660040 | 891628 | QWB 1039 | EK78803 / K 84018 | 6517 |
| KA 272 | 32011 XF | 32011 XF | VKBA 3428 | R140.94 | 713650330 | 681325 | QWB 1005 | EK78786 / K 80755 | 4094 |
| KA 273 | 33205 F | LM 501349/10 | VKBA 3434 | R140.76 | 713667600 | 401137 | QWB 1196 | K82051 | 4076 |
| KF 274 | F 16132 | | VKBA 3447 | | | 502135 | | | 5027 |
| KV 275 | F 16167 | | VKBA 3480 | R166.26 | 713630090 | 602347 | QWB 1152 | EK78896 / K 80732 | 6626 |
| P KV276 | F 16168 | | VKBA 3489 | R154.44 | 713610500 | 102011 | QWB 1137 | K84108 | 5444 |
| P KV277 | F 16108 | | VKBA 3492 | R155.61 | 713630830 | 701914 | QWB 1096 | K82966 | 5561 |
| KB 278 | F 15168 | | VKBA 3500 | R155.64 | 713630800 | 701860 | QWB 1085 | K82959 | 4006 |
| KV 279 | F 16169 | | VKBA 3514 / VKBA 3515 | R153.34 | 713644020 | 202059 | QWB 1115 | EK79090 / K 82527 | 5334 |
| KF 280 | F 16109 | | VKBA 3522 | R151.26 | 713667740 | 400051 | QWB 1195 | K82017 | 5126 |
| KF 281 | F 16002 | | VKBA 3528 | R158.41 | 713690670 | 801880 | | K83238 | 5841 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|----------------|---|---|
| KA 255 | RENAULT (MASTER) | • |
| KC 256 | WV (TRANSPORTER) | • |
| KA 257 | FORD (SCORPIO * MONDEO * SIERRA) | • |
| KV 258 | RENAULT (SPACE * FUEGO * MEGANE * SCENIC * EXPRESS * SAFRANE * 18 * 21 * 25 * 30) | • |
| KF 259 | TOYOTA (CAMRY * CARINA * CELICA * MR2 * RAV4) | • |
| KV 260 | HONDA (ACCORD * CIVIC) | • |
| KF 261 | ALFA ROMEO (164), FIAT (CROMA * TEMPRA), LANCIA (DEDRA * DELTA * PRISMA * THEMA) | • |
| KB 262 | REPLACED BY KB 192 * SUSTITUIDO POR EL KB 192 | |
| KB 263 | FORD (TRANSIT) | • |
| KF 264 | ALFA ROMEO (145 * 146 * 155 * 164 * GTV * SPIDER), FIAT (BRAVO * COUPE * CROMA * MAREA), LANCIA (DELTA * KAPPA * THEMA) | • |
| KC 265 | SUZUKI (JIMNY * SAMURAI * SJ) | • |
| KA 266 | NISSAN (PICK UP * TERRANO * URBAN) | • |
| KV 267 | NISSAN (MICRA) | • |
| KA 268 | NISSAN (PATROL) | • |
| KA 269 | RENAULT (TRAFFIC) | • |
| KF 270 | FIAT (PUNTO) | • |
| KV 271 | VOLVO (S70 * V70 * C70 * 850) | • |
| KA 272 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| KA 273 | MERCEDES (T1, * SPRINTER), WV (LT) | • |
| KF 274 | BMW (3 * 5) | • |
| KV 275 | CITROËN (SAXO), PEUGEOT (106) | • |
| P KV276 | AUDI (A6), SKODA (SUPERB), WV (PASSAT * SANTANA) | • |
| P KV277 | RENAULT (LAGUNA) | • |
| KB 278 | OPEL (MOVANO), RENAULT (MASTER) | • |
| KV 279 | OPEL (ASTRA, ZAFIRA) | • |
| KF 280 | MERCEDES (CLASE M) | • • |
| KF 281 | FIAT (PALIO * SIENA * STRADA) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

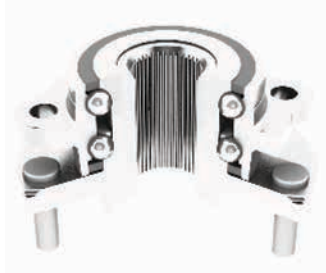


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|------------------------|------------------|--|-----------|---------|-----------------------|---------|----------|-------------------|---------|
| A KF 282 | F 16110 | | VKBA 3531 | R152.55 | 713678100 | 301045 | QWB 1127 | EK79100 / K 81140 | 5255 |
| P KV 283 | F 16111 | | VKBA 3581 | R158.58 | | | | | |
| P KV 284 | F 16170 | | VKBA 3548 | R154.45 | 713610210 / 713610320 | 102075 | QWB 1257 | | 5445 |
| P KV 285 | F 16171 | | VKBA 3550 | R154.52 | 713610530 | 101029 | | K84110 | 5452 |
| A KV 286 | F 16172 | | VKBA 3567 | R157.31 | 713610490 | 102077 | QWB 1160 | K83107 | 5731 |
| P KV 287 | F 16173 | | VKBA 3569 | R157.32 | 713610470 | 101027 | | K83109 | 5732 |
| P KV 288 | F 16112 | | VKBA 3577 | R158.42 | 713690860 | 801950 | QWB 1098 | EK79078 / K 83241 | 5842 |
| P KV 289 | F 16113 | | VKBA 3584 | R159.44 | 713630760 | 601953 | QWB 1265 | | 5944 |
| P KV 290 | F 16174 | | VKBA 3585 | R159.42 | 713630820 | 602956 | QWB 1228 | | 5942 |
| KV 291 | N F 15154 | | VKBA 3588 | R152.60 | 713678650 | 301185 | QWB 1258 | | 5260 |
| KF 292 | F 16083 | | VKBA 3600 | R153.39 | 713644080 | 201095 | QWB 1211 | | 5339 |
| KB 293 | F 15168 | | VKBA 3613 | R140.06 | 713630790 | 701860 | | K82959 | 4006 |
| P KV294 | F 16175 | | VKBA 3635 | R159.46 | 713640010 | 682263 | QWB 1273 | | 5946 |
| KB 295 | F 15168 | | VKBA 3640 | R140.17 | 713640390 | 681375 | | | 4017 |
| KB 296 | F 15121 | | VKBA 3641 | R140.38 | 713640400 | 681471 | | | 4038 |
| P KV 297 | F 16176 | | VKBA 3667 | | 713667060 | 501136 | QWB 786 | K80516 | 5022 |
| KF 298 | F 16068 | | VKBA 3729 | R169.38 | 713618550 | 981856 | | K83729 | 6938 |
| KF 299 | F 16057 | | VKBA 3907 | R184.05 | | | | | |
| KF 300 | F 16114 | | VKBA 3628 | R151.25 | 713667890 | 402243 | | | 5128 |
| KF 301 | N F 16115 | | VKBA 1933 | R177.06 | 713623060 | 971575 | QWB 959 | K83403 | 7706 |
| KF 302 | F 16116 | | VKBA 3647 | R165.24 | 713660130 | 891477 | QWB 1231 | K84024 | 6524 |
| KF 303 | F 16046 | | VKBA 3499 | R150.31 | 713667230 | 502109 | QWB 1223 | K80526 | 5031 |
| KF 304 | F 16117 | | VKBA 3245 | R174.25 | 713617030 | 911377 | QWB 1002 | EK78853 / K80328 | 7425 |
| KV 305 | F 16177 | | VKBA 3546 | R159.40 | 713630540 | 602645 | QWB 1276 | K82620 | 5940 |
| KF 306 | F 16054 | | VKBA 1356 | R157.24 | 713610350 | 100099 | | | |
| KF 307 | F 16054 | | VKBA 1356 | R157.14 | 713610410 | | | | |
| KF 308 | F 16118 | | VKBA 3427 | R157.16 | 713610070 | 101111 | QWB 1154 | EK78822 / K 80208 | 5716 |
| KF 309 | F 16119 | | VKBA 3945 | R169.60 | 713618760 | 981475 | | K83707 | 6936 |
| KF 310 | N F 16120 | | VKBA 3216 | R169.24 | 713618040 | 981851 | | K83728 | 6924 |



KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|---|---|
| A KF 282 | FORD (FIESTA * FUSION * FOCUS) | • |
| P KV 283 | ALFA ROMEO (146 * 145 * MITO), CITROËN (NEMO), FORD (KA), LANCIA (DELTA * LYBRA * MUSSA * Y * YPSILON) FIAT (BARCHETTA * BRAVA * BRAVO * FIORINO * MAREA * MULTIPLA * PALIO * PANDA * PUNTO * ESTILO * 500) | • |
| P KV 284 | SEAT (AROSA * CORDOBA * IBIZA), WV (LUPO * POLO) | • |
| P KV 285 | AUDI (A2), WV (LUPO) | • |
| A KV 286 | AUDI (A2), SEAT (CORDOBA * IBIZA), SKODA (FABIA), WV (FOX * POLO) | • |
| P KV 287 | AUDI (A2), SEAT (CORDOBA * IBIZA), SKODA (FABIA), WV (FOX * POLO) | • |
| P KV 288 | FIAT (PANDA * SEICENTO * 500), FORD (KA) | • |
| P KV 289 | CITROËN (BERLINGO * C3 * C4 * C5), PEUGEOT (207 * 307 * 308 * 3008 * PARTNER) | • |
| P KV 290 | CITROËN (C4), PEUGEOT (307) | • |
| KV 291 | FORD (TRANSIT) | • |
| KF 292 | OPEL (COMBO * CORSA * MERIVA * TIGRA) | • |
| KB 293 | OPEL (MOVANO), RENAULT (MASTER) | • |
| P KV 294 | CITROËN (C8), FIAT (ULYSSE), LANCIA (PHEDRA), PEUGEOT (807) | • |
| KB 295 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| KB 296 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| P KV 297 | BMW (SERIE 3 * СЕРИЯ 3 * Z3 * Z4) | • |
| KF 298 | TOYOTA (COROLLA) | • |
| KF 299 | HYUNDAI (ACCENT * ATOS * COUPE * GETZ * LANTRA), KIA (RIO) | • |
| KF 300 | FORD (TRANSIT) | • |
| KF 301 | SUZUKI (SWIFT) | • |
| KF 302 | VOLVO (S40) | • |
| KF 303 | BMW (Z1 * Z3) | • |
| KF 304 | HONDA (CIVIC IV-V, CR-V, LOGO) | • |
| KV 305 | CITROËN (XSARA), PEUGEOT (306) | • |
| KF 306 | AUDI (A4,A8,ALLROAD, V8, A8, COUPE, CABRIO, 80, 100, 200) SKODA (SUPERB), WV (PASSAT) | • |
| KF 307 | AUDI (A4,A8,ALLROAD, V8, A8, COUPE, CABRIO, 80, 100, 200) SKODA (SUPERB), WV (PASSAT) | • |
| KF 308 | AUDI (A4,A8) | • |
| KF 309 | RENAULT (LAGUNA * MEGANE * SAFRANE) | • |
| KF 310 | TOYOTA (PASEO) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|---------|--|-----------|----------------------|--------------------------|--------------------|----------|----------------------|---------|
| KF 311 | F 16105 | | | | | 981799 | | | 6964 |
| KF 312 | F 16121 | | VKBA 3504 | R155.52 | 713630710 | 701852 | | K82945 | 5502 |
| KF 313 | F 16122 | | VKBA 3490 | R166.28 | 713630060 | 601323 | | EK78999 / K 80734 | 6628 |
| KF 314 | F 16051 | | VKBA 908 | R155.14 | 713630370 | 701424 | QWB 498 | K82952 | 4045 |
| KF 315 | F 16123 | | VKBA 3616 | R155.71 | 713644130 | 201085 | QWB 1252 | | 4099 |
| KF 316 | F 16119 | | VKBA 3237 | R169.36 | 713618860 | 981475 | QWB 1142 | K83707 | 6936 |
| KF 317 | F 16090 | | VKBA 1973 | R173.10 | 713619150 | 951449 | | EK78651 | 7310 |
| KB 318 | F 15172 | | VKBA 3311 | R168.42 | 713613490 | 961753 | | EK78704 | 6839 |
| KF 319 | F 16191 | | VKBA 6643 | R153.46 | | | | | |
| KF 320 | F 16124 | | VKBA 1377 | R174.13 | 713617160 | 911600 | QWB 490 | EK73674 / K 80309 | 7413 |
| KF 321 | F 16125 | | VKBA 3703 | R168.40 | 713613790 | 961479 | QWB 941 | K82319 | 6840 |
| P KV 322 | F 16178 | | VKBA 3660 | R152.62 | 713678790 | 301667 | QWB 1368 | | 5262 |
| KV 323 | F 15177 | | VKBA 3654 | R152.66 | 713678730 | 302903 | | | 5267 |
| P KV 324 | F 15178 | | VKBA 3655 | R152.66 | 713678730 | 302901 | | | 5266 |
| KV 325 | F 15179 | | VKBA 3589 | R152.58 | 713678670 | 302255 | QWB 1259 | | 5258 |
| P KV 326 | F 15180 | | VKBA 3590 | R152.59 | 713678660 | 302257 | QWB 1260 | | 5259 |
| KF 327 | F 16036 | | VKBA 1432 | R152.39 | 713678040 | 301132 | QWB 817 | EK74340 / K 81120 | 5239 |
| P KV 328 | F 16179 | | VKBA 3576 | R152.24 | 713678430 | 302197 | QWB 1236 | | 5224 |
| P KV 329 | F 16126 | | VKBA 3575 | R152.23 | 713678410 | 301183 | QWB 1261 | | 5223 |
| P KV 330 | F 16180 | | VKBA 3652 | R153.50 | 713644340 | 202625 | | | 5350 |
| P KV 331 | F 16181 | | VKBA 3653 | R153.49 | 713644330 | 202627 | | | 5349 |
| P KV 332 | F 16182 | | VKBA 3651 | R153.48 | 713644320 | 201623 | | | 5348 |
| P KV 333 | F 16183 | | VKBA 3650 | R153.47 | 713644310 | 201621 | | | 5347 |
| KF 334 | F 16127 | | VKBA 3648 | R155.74 | 713644290 | 701247 | | | 5574 |
| P KV 335 | F 16184 | | VKBA 6507 | R153.43 | 713644270 | 201691 | | | 5343 |
| P KV 336 | F 16185 | | VKBA 3624 | R153.41 / R184.07 | 713644260 / 713619450 | 202519 / 922219 | QWB 1076 | | 5341 |
| KV 337 | F 16186 | | VKBA 3602 | R153.38 | 713644230 | 202023 | | | 5338 |
| KB 338 | F 15128 | | VKBA 3601 | R153.37 | 713644220 | 202021 | QWB 1212 | | 5337 |
| KB 339 | F 15173 | | VKBA 3617 | R155.70 | 713644140 | 202101 | QWB 1253 | | 5570 |
| P KV 340 | F 16128 | | VKBA 3618 | R155.69 | 713644120 | 201089 | QWB 1251 | | 5569 |
| KF 341 | F 16129 | | VKBA 3572 | R153.36 | 713644110 | 202224 | | K82530 | 5336 |
| KF 342 | F 16130 | | VKBA 3571 | R153.35 | 713644100 | 201087 | | K82529 | 5335 |
| P KV 343 | F 16187 | | VKBA 3620 | R153.40 | 713644090 | 201517 | | | 5340 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KF 311 | LEXUS (RX), TOYOTA (AVENSIS) | • |
| KF 312 | RENAULT (AVANTTIME, ESPACE III) | • |
| KF 313 | CITROËN (XM), PEUGEOT (605, 607) | • |
| KF 314 | RENAULT (TRAFFIC) | • |
| KF 315 | NISSAN (PRIMASTAR), OPEL (VIVARO) | • |
| KF 316 | TOYOTA (CAMRY, MR2, PICNIC) | • |
| KF 317 | HYUNDAI (SONATA), MITSUBISHI (SPACE WAGON, TREDIA) | • |
| KB 318 | NISSAN (SERENA * VANETTE * 300Z) | • |
| KF 319 | OPEL (AGILA) | • |
| KF 320 | HONDA (CIVIC I-II-III), ROVER (200) | • |
| KF 321 | NISSAN (MICRA) | • |
| P KV 322 | FORD (FOCUS, C-MAX) | • |
| KV 323 | FORD (TRANSIT) | • |
| P KV 324 | FORD (TRANSIT) | • |
| KV 325 | FORD (TRANSIT) | • |
| P KV 326 | FORD (TRANSIT) | • |
| KF 327 | FORD (ESCORT, FIESTA, PUMA, ORION) | • |
| P KV 328 | FORD (MONDEO), JAGUAR (X-TYPE), | • |
| P KV 329 | FORD (MONDEO), JAGUAR (X-TYPE), | • |
| P KV 330 | OPEL (ASTRA) | • |
| P KV 331 | OPEL (ASTRA, ZAFIRA) | • |
| P KV 332 | OPEL (ASTRA, ZAFIRA) | • |
| P KV 333 | OPEL (ASTRA) | • |
| KF 334 | NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE, VEL SATIS, TRAFFIC) | • |
| P KV 335 | OPEL (SIGNUM, VECTRA) | • |
| P KV 336 | FIAT (CROMA), OPEL (SIGNUM, VECTRA), SAAB (9-3) | • |
| KV 337 | OPEL (CORSA, TIGRA) | • |
| KB 338 | OPEL (CORSA, TIGRA) | • |
| KB 339 | NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE, TRAFFIC) | • |
| P KV 340 | NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE) | • |
| KF 341 | OPEL (AGILA) | • |
| KF 342 | OPEL (AGILA) | • |
| P KV 343 | FIAT (CROMA), OPEL (SIGNUM, VECTRA), SAAB (9-3) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|---------|---------|-------------------------|---------|-----------|---------|----------|----------------------|---------|
| KB 344 | F 15174 | | VKBA 3614 | R140.01 | 713630780 | 702846 | | K82960 | 4001 |
| KB 345 | F 15043 | | VKBA 3521 | R151.32 | 713667320 | 402063 | QWB 1069 | K82016 | 5132 |
| P KV 346 | F 16131 | | VKBA 3538 | R158.44 | 713690750 | 801836 | QWB 1102 | K80123 | 5844 |
| KA 347 | F 15164 | F 15164 | VKBA 918 | R152.32 | 713678770 | 302120 | QWB 532 | EK73558 / K 81115 | 5232 |
| KF 348 | F 16132 | | VKBA 3452/ VKBA 3668 | R150.27 | 713649280 | 502135 | QWB 1194 | K80523 | 5025 |
| KA 349 | 30304 F | 30206 F | VKBA 708 | R178.00 | 713614010 | 801618 | QWB 493 | EK73716 | 7800 |
| KB 350 | F 15175 | | VKBA 3639 | R155.77 | 713630950 | 702982 | | | 5577 |
| P KV 351 | F 16133 | | VKBA 3637/ VKBA 3991 | R155.75 | 713630840 | 701977 | QWB 1254 | | 5575 |
| KF 352 | F 16134 | | VKBA 1346 | R169.14 | 713618370 | 982780 | QWB 704 | K83720 | 6914 |
| KV 353 | F 16192 | | VKBA 3930 | R169.30 | 713618670 | 982939 | | EK79068 | 6930 |
| P KV 354 | F 16135 | | VKBA 3657 | R166.03 | 713640310 | 601253 | QWB 455 | | 6603 |
| KB 356 | F 15187 | | VKBA 3551 | R140.13 | 713690830 | 681923 | | K80758 | 4013 |
| KB 357 | | | VKBA 3680 | R159.48 | 713640470 | 602893 | | | |
| P KV 358 | | | VKBA 3656 | R154.55 | 713610690 | 102213 | | | 5454 |
| P KV 359 | | | VKBA 3643 | R154.56 | 713610610 | 101017 | | | 5456 |
| P KV 360 | | | VKBA 6556 | R154.61 | 713610770 | 101699 | | | |
| P KV 361 | | | VKBA 6558 | R154.54 | 713610830 | 102019 | | | 5455 |
| KB 362 | F 15121 | | VKBA 3552 | R140.14 | 713690840 | 682925 | | K80759 | 4014 |
| P KV 363 | | | | | 713670030 | 991863 | | | 8604 |
| KB 364 | | | VKBA 3676 | R155.78 | 713630970 | 702983 | | | 5579 |
| KB 365 | | | VKBA 3935 | R189.07 | 713626090 | 941941 | | | |
| P KV 366 | | | VKBA 3638 | R155.76 | 713630850 | 701978 | | | 5576 |
| P KV 367 | | | VKBA 3644 | R154.54 | 713610620 | 102019 | | | 5455 |
| KB 368 | F 15041 | | VKBA 3658 | R166.07 | 713640320 | 602669 | | | 6607 |
| KB 369 | | | VKBA 6544 | R159.53 | 713640480 | 602883 | | | 5950 |
| KF 370 | | | VKBA 3979 | R169.68 | 713618770 | 981199 | | | |
| KF 371 | | | VKBA 3615 | R155.72 | 713630920 | 700245 | QWB 1264 | | 5572 |
| KB 372 | F 15121 | | VKBA 3690 | R141.03 | 713690940 | 681471 | | | 4038 |
| P KV 373 | | | VKBA 3598 | R158.54 | 713690800 | 801974 | | | 5854 |
| KV 374 | | | VKBA 3674 | R162.50 | 713649350 | 501161 | | | 6250 |
| P KV 375 | | | VKBA 3608 | R155.07 | 713630900 | 701975 | QWB 1263 | | 5507 |
| KF 376 | F 16019 | | VKBA 3786 | R190.00 | 713644660 | 971391 | | EK78813 | 5314 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KB 344 | RENAULT (MASTER), OPEL (MOVANO) | • |
| KB 345 | MERCEDES (CLASE A), | • |
| P KV 346 | CITROËN (NEMO), FIAT (BRAVO, FIORINO, IDEA) | • |
| KA 347 | FORD (SCORPIO, ESCORT, SIERRA) | • |
| KF 348 | BMW (3 * 7 * 850 * X3 * Z3 * Z4) | • |
| KA 349 | SKODA (105, 130, RAPID) | • |
| KB 350 | RENAULT (CLIO, MEGANE, MODUS) | • |
| P KV 351 | DACIA (LOGAN, SANDERO), NISSAN (MICRA), RENAULT (CLIO) | • |
| KF 352 | TOYOTA (COROLLA) | • |
| KV 353 | TOYOYA (YARIS) | • |
| P KV 354 | CITROËN (C2, C3, DS3), PEUGEOT (207, 1007) | • |
| KB 356 | IVECO (DAILY I) | • |
| KB 357 | CITROËN C4, PEUGEOT 307 | • |
| P KV 358 | AUDI A3, SEAT ALTEA, LEON, SKODA OCTAVIA | • |
| P KV 359 | AUDI A3, SKODA OCTAVIA | • |
| P KV 360 | AUDI (A3), SEAT (ALTEA * LEON), SKODA (OCTAVIA * YETI), VW (CADDY III * GOLF V * TOURAN) | • |
| P KV 361 | AUDI (A3 * TT), SEAT (ALHAMBRA * ALTEA * TOLEDO), SKODA (OCTAVIA * SUPERB), VW (EOS * GOLF * JETTA * PASSAT * SCIROCCO * SHARAN * TIGUAN * TOURAN) | • |
| KB 362 | IVECO (Daily I * II) | • |
| P KV 363 | JEEP (GRAND CHEROKEE II) | • |
| KB 364 | RENAULT MEGANE II, SCENIC, GRAND SCENIC | • |
| KB 365 | KIA (CARNIVAL) | • |
| P KV 366 | RENAULT (CLIO III * MEGANE * MODUS * SCENIC * GRAND SCENIC * TWINGO) | • |
| P KV 367 | AUDI (A3 * TT), SEAT (ALTEA * ALHAMBRA * TOLEDO), SKODA (OCTAVIS * SUPER-B * YETI), VW (EOS * GLOF * JETTA * PASSAT(SCIROCCO * TIGUAN * TOURAN) | • |
| KB 368 | CITROËN (C2 * C3 *), PEUGEOT (1007) | • |
| KB 369 | CITROËN (C3 * C4 * DS3), PEUGEOT (207 * 307) | • |
| KF 370 | TOYOTA (AVENSIS * COROLLA) | • |
| KF 371 | RENAULT (CLIO * KANGOO * SCENIC * MEGANE) | • |
| KB 372 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| P KV 373 | FIAT (BRAVO * STYLO), KANCIA (DELTA III) | • |
| KV 374 | MINI | • |
| P KV 375 | RENAULT (LAGUNA) | • |
| KF 376 | CHEVROLET-DAEWOO (LANOS * KALOS) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC

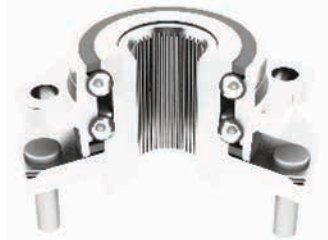


KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|--------------|--------------|-----------|---------|--------------------------|---------|----------|---------|---------|
| P KV 377 | | | VKBA 3503 | R160.48 | 713606040 | 802870 | QWB 1287 | K80128 | 6026 |
| P KV 378 | | | VKBA 3574 | R150.33 | 713667790 | 501158 | | | 5033 |
| KF 380 | | | VKBA 3981 | R168.62 | 713613810 | | | | |
| KF 381 | | | VKBA 3272 | R168.63 | 713613780 | 961229 | | | |
| KF 382 | | | VKBA 6831 | R169.61 | 713618780 | | | | |
| KA 383 | F 15029 | F 15029 | VKBA 3666 | R152.64 | | 302058 | | EK74341 | 5237 |
| KB 384 | F 15067 | | VKBA 6515 | R152.56 | | 302057 | | K81141 | 5256 |
| | | | VKBA 6520 | R141.05 | 713678870 | 301574 | | | |
| KV 386 | | | VKBA 3661 | R152.69 | | | | | |
| KV 387 | | | VKBA 6525 | R141.09 | 713678900 | 301583 | | | |
| KF 388 | | | VKBA 6812 | R184.13 | | 921906 | | | 4700511 |
| KA 389 | L 44649/10 | LM 11949/10 | VKBA 904 | R170.08 | 713615210 | 942566 | QWB 602 | EK73819 | 7008 |
| KB 390 | | | VKBA 3689 | R140.17 | 713690930 | 681375 | | | 4017 |
| KF 391 | | | VKBA 6570 | R141.45 | 713640550 | 681471 | | | 4038 |
| KA 392 | LM 300849/11 | LM 603049/11 | VKBA 3205 | R168.59 | 713613750 | 961801 | | EK74330 | |
| KA 393 | JL 69349/10 | JL 69349/10 | VKBA 1928 | R170.26 | 713615130 | 941874 | | EK74240 | 7026 |
| P KV 394 | | | VKBA 3646 | R154.58 | 713610760 | 100013 | | | 5458 |
| P KV 395 | | | VKBA 3606 | R157.27 | 713610700 | 102071 | QWB 1270 | | 5727 |
| KF 396 | | | VKBA 1319 | R150.10 | 713649260 | 502070 | QWB 513 | K80509 | 5010 |
| KA 397 | JL 69349/10 | LM 102949/10 | VKBA 3284 | R189.00 | 713626110 / 713626480 | 921555 | | EK78927 | 8900 |
| P KV 398 | | | VKBA 3580 | R160.30 | 713606300 | 801961 | | | 6030 |
| P KV 399 | | | VKBA 3683 | R159.47 | 713640500 | 601675 | | | 5947 |
| KB 400 | | | VKBA 3995 | R168.61 | | | | | |
| KV 401 | | | VKBA 3627 | | 713618630 | 892587 | | | 6532 |
| KB 402 | F 15174 | | VKBA 3501 | R155.65 | 713630810 | 702846 | QWB 1086 | K82960 | 4001 |
| KV 403 | | | VKBA 3562 | R159.43 | 713650520 | | | | |
| KA 404 | | | VKBA 1985 | R153.42 | 713644010 | 201262 | QWB 963 | EK78659 | 5328 |
| KA 405 | L 68149/11 | L 68149/11 | VKBA 3901 | R184.53 | 713625140 | 971917 | QWB 1285 | EK79039 | 8453 |
| KA 406 | | | VKBA 6537 | R151.38 | 713667800 | 401501 | | | 5138 |
| KA 407 | | | VKBA 3936 | R189.08 | 713626100 | 942942 | | | |
| P KV 408 | | | VKBA 3685 | | 713661020 | 402467 | | | |
| P KV 409 | | | VKBA 3583 | R158.53 | 713690730 | 802980 | | | 5853 |
| P KV 410 | | | VKBA 3693 | R159.49 | 713640510 | 602681 | | | 5949 |
| P KV 411 | | | VKBA 3502 | R160.25 | 713690760 | 801970 | QWB 1099 | | 6025 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|---|---|
| P KV 377 | ALFA ROMEO (147 * 156 * GT) | • |
| P KV 378 | BMW (SERIE 3 * 5 * СЕРИЯ 3 * 5 * X3 * X5) | • |
| KF 380 | NISSAN (ALMERA TINO * MAXIMA * PRIMERA * X-TRAIL) | • |
| KF 381 | NISSAN (ALMERA * MICRA) | • |
| KF 382 | TOYOTA (ALVIS * AVENSIS * CELICA * COROLLA * MR2 * WISH LIMUSNIA) | • |
| KA 383 | FORD (ESCORT, FIESTA * KA * PUMA * STREET KA) | • |
| KB 384 | FORD (FIESTA V * FOCUS * FUSION) | • |
| P KV 385 | FORD (TOURNEO CONNECT) | • |
| KV 386 | FORD (FOCUS C-MAX * C-MAX * FOCUS II) | • |
| KV 387 | FORD (TRANSIT TOURNEO * TRANSIT AUTOBUS) | • |
| KF 388 | HYUNDAI (COUPE * ELANTRA * MATRIX), KIA (CERATO) | • |
| KA 389 | KIA (RIO), MAZDA 626 II Hatchback) | • |
| KB 390 | FIAT (DUCATO) | • |
| KF 391 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| KA 392 | NISSAN (PATHFINDER * TERRANO I-II * PICK UP) | • |
| KA 393 | KIA (PRIDE * RIO), MAZDA (121 * DEMIO) | • |
| P KV 394 | VW (MULTIVAN, TUAREG * TRANSPORTER *) | • • |
| P KV 395 | AUDI (A4) SEAT * EXEO) | • |
| KF 396 | BMW (5 * 6 * 7) | • |
| KA 397 | KIA (SPORTAGE) | • |
| P KV 398 | ALFA ROMEO (147) | • |
| P KV 399 | CITROËN (C5 * C6), PEUGEOT (308 * 407 * 508 * 607) | • |
| KB 400 | NISSAN (VANETTE * SERENA * TERRANO) | • |
| KV 401 | VOLVO (XC-90) | • |
| KB 402 | OPEL (MOVANO), RENAULT (MASTER) | • |
| KV 403 | CITROËN (XANTIA), PEUGEOT (406) | • |
| KA 404 | ISUZU (TROOPER * D-MAX), OPEL (CAMPO * FRONTERA * MONTERREY) | • |
| KA 405 | CHEVROLET-DAEWOO (MATIZ * SPARK) | • |
| KA 406 | MERCEDES (CLS * CLASE E * SL) | • |
| KA 407 | KIA (CARNIVAL) | • |
| P KV 408 | MITSUBISHI (COLT), SMART (FORFOUR) | • |
| P KV 409 | FIAT (DOBLO * FIORINO * STYLO) | • |
| P KV 410 | CITROËN (C5 * C6), PEUGEOT (407 * 607) | • |
| P KV 411 | ALFA ROMEO (147 * 156 * GT), LANCIA (THESIS) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|-------------|------------|-----------|----------|-----------------------|---------|----------|---------|---------|
| KV 412 | | | VKBA 3794 | R184.11 | 713619490 / 713619480 | 922921 | | | 8411 |
| KA 413 | 30205 F | 30204 F | VKBA 3796 | R184.52 | 713625120 | 972918 | QWB 1286 | EK79041 | 8452 |
| KA 414 | | | VKBA 6530 | R151.36S | 713667820 | 401157 | | | 5136 |
| KA 415 | LM 11749/10 | L 44649/10 | VKBA 3792 | R184.33 | | | | | |
| KB 416 | | | VKBA 3236 | R181.10 | 713622150 | 972709 | | EK78792 | 8110 |
| KF 417 | | | VKBA 3969 | | 713623560 | | | | |
| KF 418 | | | VKBA 3682 | R150.41 | 713649390 | 502691 | | | 5041 |
| KC 419 | | | VKBA 3220 | R177.13 | 713623150 | 972688 | QWB 785 | K83453 | 7713 |
| P KV 420 | | | VKBA 3570 | R182.61 | 713610660 | 102079 | QWB 1283 | K84109 | 8261 |
| P KV 421 | | | VKBA 3645 | R154.10 | 713610640 | 100003 | | | 5410 |
| KB 422 | | | VKBA 3435 | R154.46 | 713667030 | 402117 | QWB 1179 | EK78933 | 5446 |
| KA 423 | | | VKBA 3775 | R173.20 | 713619540 | 952936 | | | 7307 |
| KB 424 | | | VKBA 3642 | R140.37 | 713640330 | 682437 | | | 4037 |
| P KV 425 | | | VKBA 6546 | R154.57 | 713610480 | 100007 | | | 5457 |
| KF 426 | | | VKBA 3951 | R174.40 | 713617450 | 911802 | | | |
| KV 427 | | | VKBA 6906 | | | | | | |
| KF 428 | | | VKBA 3902 | R184.55 | 713644830 | 971940 | | | |
| KF 429 | | | VKBA 3929 | R169.29 | 713618660 | 981938 | | EK79067 | 6929 |
| KA 430 | | | VKBA 3331 | R168.54 | 713613080 | 961411 | | EK78656 | 6854 |
| KV 431 | | | VKBA 3670 | R150.37 | 713667070 | 501653 | | | 5037 |
| KV 432 | | | VKBA 3681 | R150.40 | 713649380 | 501513 | | | 5040 |
| KF 433 | | | VKBA 3543 | R164.18 | 713665020 | 891887 | QWB 1282 | EK79134 | 6418 |
| P KV 434 | | | VKBA 3633 | R159.45 | 713640020 | 681261 | QWB 957 | | 5945 |
| P KV 435 | | | VKBA 3659 | R166.32 | 713640030 | 602251 | | | 6632 |
| KB 436 | | | VKBA 3662 | | | | | | |
| P KV 437 | | | VKBA 6551 | R153.55 | | 801838 | | K80124 | 5843 |
| KV 438 | | | VKBA 6837 | R184.16 | | 922488 | | | 8420 |
| KV 439 | | | VKBA 1643 | R186.01 | 713670020 | 991898 | | EK79107 | 8601 |
| P KV 440 | | | VKBA 3497 | R155.54 | 713630730 | 702866 | QWB 1132 | K82947 | 5554 |
| KF 441 | | | VKBA 3527 | R161.03 | 713620030 | 880912 | QWB 1116 | K83055 | 6103 |
| KF 442 | | | VKBA 3997 | R168.65 | 713613870 | | | | |
| KB 443 | | | VKBA 3235 | R181.09 | 713622140 | 971707 | | EK78811 | 8109 |
| KC 444 | | | VKBA 1972 | R177.01 | 713623100 | 972573 | QWB 904 | EK73813 | 7701 |
| P KV 445 | | | VKBA 3594 | R166.31 | 713630770 | 602955 | QWB 1266 | | 6631 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KV 412 | HIUNDAI (ACCENT * LANTRA * COUPE) | • |
| KA 413 | CHEVROLET-DAEWOO (MATIZ * SPARK) | • |
| KA 414 | MERCEDES (CLASE C * CLC * CLK * SLK * CLASE E) | • |
| KA 415 | HYUNDAI (ATOS * PONY), MITSUBISHI (CELESTE * COLT * CORDIA * GALANT * LANCER * APSCWAGON * TREDIA) | • |
| KB 416 | SUBARU (IMPREZA * FORESTER * LEGACY I-II) | • |
| KF 417 | SUZUKI (JIMNY) | • |
| KF 418 | BMW (1 * 3 * Z4) | • |
| KC 419 | SUZUKI (VITARA * X-90) | • |
| P KV 420 | SEAT (INCA), VW (CADDY) | • |
| P KV 421 | AUDI (Q7), PORSCHE (CAYENNE) VOLKSWAGEN (TOUAREG) | • |
| KB 422 | MERCEDES (G * SPRINTER) VW (LT) | • |
| KA 423 | MITSUBISHI (STORM * STRADA * L200 * L300 * L400) | • |
| KB 424 | CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER) | • |
| P KV 425 | AUDI (A6 * A8), VW (TOUAREG) | • |
| KF 426 | HONDA (ACCORD * CIVIC * CR-V * PRELUDE * STREAM * S2000) | • |
| KV 427 | TOYOTA (LAND CRUISER) | • |
| KF 428 | CHEVROLET (NUBIRA * LACETTI * OPTRA * TACUMA * VIVANT) | • |
| KF 429 | TOYOTA (ECHO * BIOS * YARIS * VITZ * YARIS VERSO) | • |
| KA 430 | NISSAN (PATROL) | • |
| P KV 431 | BMW (5 * 6) | • |
| KV 432 | BMW (1 * 3 * Z4) | • |
| KF 433 | SAAB (9-3 * 9-5) | • |
| P KV 434 | CITROËN (C8), FIAT (ULYSSE), LANCIA (PHEDRA), PEUGEOT (807) | • |
| P KV 435 | CITROËN (C2 * C3), PEUGEOT (206 * 1007) | • |
| KB 436 | MERCEDES (CLASE E RANCHERA FAMILIAR) | • |
| P KV 437 | OPEL (CORSA) | • |
| KV 438 | HIUNDAI (ELANTRA * MATRIX) | • |
| KV 439 | CHRYSLER (VOYAGER), DODGE (CARAVAN) | • |
| P KV 440 | RENAULT (AVANTIME * SPACE II-III) | • |
| KF 441 | LANDROVER (FREELANDER) | • |
| KF 442 | NISSAN (X-TRAIL) | • |
| KB 443 | | • |
| KC 444 | SUZUKI (CARRY * SJ) | • |
| P KV 445 | CITROËN (C5) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|--------------|-------------|-----------|---------|-----------|---------|----------|---------|---------|
| KF 446 | F 16040 | | VKBA 3607 | R157.46 | | | | | |
| P KV 447 | | | VKBA 3691 | R160.51 | 713606340 | 802612 | | | 6052 |
| KF 448 | F 16036 | | VKBA 3785 | R190.01 | 713644670 | 971393 | | K80410 | 5315 |
| P KV 449 | | | VKBA 3610 | R161.29 | 713617410 | 882896 | | | 6129 |
| KF 450 | | | VKBA 3520 | R151.31 | 713667310 | 401047 | QWB 1068 | K82015 | 5131 |
| KV 451 | | | VKBA 3234 | R169.20 | 713618170 | 982948 | | EK79066 | |
| P KV 452 | | | VKBA 3603 | R161.26 | 713620310 | 881237 | QWB 1106 | | 6126 |
| KF 453 | F 16063 | | VKBA 1466 | R140.86 | 713678600 | 302164 | QWB 864 | EK78642 | 4086 |
| P KV 454 | | | VKBA 6543 | R165.37 | | | | | |
| KA 455 | LM 300849/11 | LM 12749/10 | VKBA 912 | R154.24 | 713611410 | 101108 | QWB 521 | EK73605 | 5424 |
| KF 456 | F 16034 | | VKBA 1341 | R169.08 | 713618020 | 981572 | QWB 766 | | |
| KV 457 | | | VKBA 3457 | R161.22 | 713617400 | 882487 | QWB 1124 | EK78952 | 6122 |
| P KV 458 | | | VKBA 6500 | R159.50 | 713640460 | 602746 | | | 5948 |
| P KV 459 | | | VKBA 3545 | R166.30 | 713650540 | 602386 | QWB 1275 | K80735 | 6630 |
| P KV 460 | | | VKBA 3592 | R166.29 | 713640420 | 602345 | QWB 1237 | EK78893 | 5933 |
| P KV 461 | | | VKBA 6550 | R153.57 | | 801836 | | K80123 | 5844 |
| P KV 462 | | | VKBA 3673 | R162.51 | 713649370 | 502163 | | | 6251 |
| KC 463 | | | VKBA 3923 | R177.15 | 713623440 | | | | |
| KB 464 | | | VKBA 6549 | R159.54 | | 602745 | | | |
| KF 465 | F 16027 | | VKBA 1402 | R158.24 | 713690060 | 801360 | QWB 735 | K83221 | 5824 |
| KF 466 | F 16034 | | VKBA 3308 | R169.26 | 713618310 | 981407 | | EK78723 | 6926 |
| KV 467 | | | VKBA 3523 | R165.27 | 713660210 | 891878 | | EK79084 | 6527 |
| KF 468 | F 16093 | | VKBA 1401 | R158.25 | 713690080 | 801450 | QWB 682 | K83220 | 5825 |
| KB 469 | | | VKBA 3664 | | | | | | |
| KF 470 | F 16036 | | VKBA 3446 | R150.28 | 713649330 | 502125 | QWB 1222 | EK78906 | 5028 |
| P KV 471 | | | VKBA 3599 | R158.55 | 713690810 | 801267 | | | 5855 |
| P KV 472 | | | VKBA 3675 | R150.32 | 713667780 | 502252 | QWB 1242 | | 5032 |
| P KV 473 | | | VKBA 6575 | R159.55 | 713640540 | 681913 | | | |
| P KV 474 | | | VKBA 6541 | R158.59 | 713606350 | 802302 | | | 5859 |
| KF 475 | | | VKBA 6931 | | | | | | |
| KA 476 | 32207 F | 32205 BF | VKBA 828 | R140.24 | 713630430 | 702436 | QWB 475 | EK73494 | 4024 |
| KC 477 | | | VKBA 1325 | R172.02 | 713690180 | 802590 | QWB 822 | K81851 | 7202 |
| KV 478 | | | VKBA 3524 | R165.28 | | 892872 | | EK79085 | 6528 |
| KF 479 | F 16038 | | VKBA 3535 | R157.25 | 713610360 | 102041 | | K80216 | 5725 |
| P KV 480 | | | VKBA 3632 | R165.30 | 713660340 | 892929 | | K84029 | 6530 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|--|---|
| KF 446 | AUDI (A3 * TT), SEAT (LEON), VW (GOLF) | • |
| P KV 447 | ALFA ROMEO (147 * 156 * GT) | • |
| KF 448 | DAEWOO (LANOS * NUBIRA) | • |
| P KV 449 | MG, ROVER (45 * 25 * 400 * 200) | • |
| KF 450 | MERCEDES (CLASE A * Vaneo) | • |
| KV 451 | TOYOTA AVENSIS 2.0 TD 97-03 | • |
| P KV 452 | MG ROVER (75) | • • |
| KF 453 | FORD (TRANSIT) | • |
| P KV 454 | VOLVO (C30 * S40 * V50 * C70) | • |
| KA 455 | VW (TRANSPORTER) | • |
| KF 456 | TOYOTA (CARINA * CELICA * COROLLA) | • |
| KV 457 | MG, ROVER (45 * 25 * 400 * 200) | • |
| P KV 458 | CITROËN (BERLINGO * XSARA), PEUGEOT (PARTNER) | • |
| P KV 459 | CITROËN (XSARA), PEUGEOT (306) | • |
| P KV 460 | CITROËN (BERLINGO * XSARA), PEUGEOT (PARTNER) | • |
| P KV 461 | OPEL (CORSA) | • |
| P KV 462 | MINI | • |
| KC 463 | SUZUKI (MITARA) | • |
| KB 464 | CITROËN (BERLINGO * C4), PEUGEOT (308 * 3008 * 5008 * PARTNER) | • |
| KF 465 | FIAT (TIPO) | • |
| KF 466 | TOYOTA (CARINA * CELICA * RAV4) | • |
| KV 467 | VOLVO (S60 * V70 * XC70 * S80) | • |
| KF 468 | FIAT (PANDA * SEICENTO * TIPO * CINQUECENTO) | • |
| KB 469 | MERCEDES (CLASE E) | • |
| KF 470 | BMW (3 * Z3) | • |
| P KV 471 | ALFA ROMEO (156), FIAT (BRAVO * STYLO), LANCIA (DELTA) | • |
| P KV 472 | BMW (5 * 6 * 7 * X5) | • |
| P KV 473 | CITROËN (JUMPY), FIAT (SCUDO), PEUGEOT (EXPERT) | • |
| P KV 474 | FIAT (PUNTO) | • |
| KF 475 | HIUNDAI (i10), KIA (PICANTO) | • |
| KA 476 | RENAULT (TRAFFIC * MASTER) | • |
| KC 477 | LADA (NIVA) | • |
| KV 478 | VOLVO (S60 * V70 * S80) | • |
| KF 479 | AUDI (A6) | • |
| P KV 480 | VOLVO (S60 * V70 * XC70 * S80) | • |

10.0\ Passenger car wheel bearing kits

Kits de rodamientos de rueda para turismos



KA



KB



KC



KD

| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|----------------|--------------|-----------|---------|-----------|---------|----------|---------|---------|
| KV 481 | | | VKBA 3789 | | 713644770 | | | | |
| KV 482 | | | VKBA 3931 | R169.51 | 713618680 | 982195 | | | 6951 |
| KA 483 | JL 69349/310 | LM 102949/10 | VKBA 3949 | | | | | | |
| P KV 484 | | | VKBA 6521 | R152.70 | 713678890 | 302577 | QWB 1305 | | |
| KV 485 | | | VKBA 6814 | R184.24 | | 922489 | | | |
| KV 486 | | | VKBA 6623 | R154.56 | | | | | |
| KF 487 | | | VKBA 6891 | R184.14 | | 921895 | | | 8909 |
| KC 488 | | | VKBA 827 | R140.27 | 713618400 | 192274 | QWB 356 | EK73636 | 4027 |
| KV 489 | | | VKBA 3279 | R189.02 | 713626040 | 922787 | | EK78925 | |
| KV 490 | | | VKBA 3307 | R173.25 | 713619430 | 991902 | | EK78647 | 7325 |
| KB 491 | | | VKBA 3325 | R173.19 | 713619290 | 952769 | | EK78939 | 7319 |
| P KV 492 | | | VKBA 3542 | R155.66 | 713630870 | 702958 | QWB 1109 | | 5566 |
| P KV 493 | | | VKBA 3687 | | 713697080 | 301106 | | | |
| KF 494 | | | VKBA 3688 | | 713697070 | | | | |
| KF 495 | | | VKBA 3799 | | | | | | |
| KB 496 | F 15015 | | VKBA 3922 | R177.33 | | 971612 | | K83452 | 7712 |
| KV 497 | | | VKBA 3932 | | 713615630 | 942273 | | | 7037 |
| KF 498 | | | VKBA 3959 | | | | | | |
| KA 499 | 1988/1922 | LM 11949/10 | VKBA 539 | R152.05 | 713678120 | 301151 | QWB 114C | | 5205 |
| KF 500 | | | VKBA 678 | R166.00 | 713640100 | 601440 | QWB 227 | K80701 | 6600 |
| KV 501 | | | VKBA 6803 | | 713617850 | 912122 | | | |
| KA 502 | LM 67048/10 | LM 11949/10 | VKBA 1400 | R167.06 | 713612110 | 101250 | QWB 993 | EK73587 | 6706 |
| KV 503 | | | VKBA 3222 | R168.27 | 713613720 | 962703 | QWB 933 | K82308 | 6827 |
| KF 504 | | | VKBA 3412 | R164.15 | 713665020 | 891630 | QWB 1282 | EK78796 | 6415 |
| P KV 505 | | | VKBA 3460 | R161.19 | 713617350 | 882483 | QWB 998 | EK78954 | 6119 |
| KV 506 | | | VKBA 3619 | R164.25 | 713665300 | 891311 | | | |
| P KV 507 | | | VKBA 3697 | R169.59 | 713618870 | 602835 | QWB 1358 | | |
| KF 508 | | | VKBA 3909 | R184.12 | | 921215 | | | |
| KF 509 | | | VKBA 3965 | R177.37 | | 971723 | | K83408 | 7705 |
| P KV 510 | | | VKBA 6540 | R158.43 | 713606400 | 801838 | | K80124 | 5843 |
| P KV 511 | | | VKBA 6548 | R157.42 | 713610810 | 102497 | | | 5742 |
| P KV 512 | | | VKBA 6632 | R150.42 | | | | | |
| KV 513 | | | VKBA 3271 | R184.09 | 713619470 | 922697 | | | |
| KV 514 | | | VKBA 3401 | R165.18 | 713660030 | 891544 | QWB 978 | EK78802 | 6518 |
| KA 515 | LM 503349 A/10 | 32206 F | VKBA 3426 | R140.88 | 713667020 | 402143 | QWB 1198 | K82063 | 4088 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|-----------------|---|---|
| KV 481 | DAEWOO (LEGANZA) | • |
| KV 482 | TOYOTA (VIOS * YARIS * VITZ * YARIS VERSO) | • |
| KA 483 | MAZDA (B-SERIE * B-СЕРИЯ * E-SERIE * E-СЕРИЯ) | • |
| P KV 484 | FORD (TOURNEO * TRAFFIC) | • |
| KV 485 | HYUNDAI (COUPE) | • |
| KV 486 | AUDI (A3 * TT), SEAT (ALTEA * ALHAMBRA * LEON), SKODA (OCTAVIA * SUPERB * YETI), VW (CADDY * GOLF * PASSAT * SHARAN * TUGUAN) | • |
| KF 487 | HYUNDAI (SANTA FÉ * ix35 * SONATA V * TRAJET * TUCSON * XG), KIA (SPORTAGE) | • |
| KC 488 | TOYOTA (HILUX * LAND CRUISER * HICAE * 4 RUNNER), VW (TARO) | • |
| KV 489 | KIA (SEPHIA * SHUMA) | • |
| KV 490 | MITSUBISHI (GALANT) | • |
| KB 491 | MITSUBISHI (MONTERO) | • |
| P KV 492 | RENAULT (LAGUNA) | • |
| P KV 493 | JAGUAR (S-TYPE) | • |
| KF 494 | JAGUAR (XJ * S-TYPE) | • |
| KF 495 | SUZUKI (BALENO) | • |
| KB 496 | SUZUKI (GRAND VITARA * VITARA * X-90) | • |
| KV 497 | MAZDA (323 * 626 * 6 * MPV * PREMACY * XEDOS 90) | • |
| KF 498 | TOYOTA (COROLLA * PRIUS) | • |
| KA 499 | FORD (CAPRI * CORSAIR * CORTINA * ESCORT * ZEPHIR * ZODIAC * ZODIAC) | • |
| KF 500 | CITROËN (2CV * DYANE * MEHARI) | • |
| KV 501 | HONDA (CITY * JAZZ) | • |
| KA 502 | PORSCHE (911 * 924 * 944) | • |
| KV 503 | NISSAN (PRIMERA) | • |
| KF 504 | SAAB (9-3 * 9-5 * 900) | • |
| P KV 505 | MG ROVER (45 * 25 * 400 * 200 * COUPE * GT) | • |
| KV 506 | SAAB (9-5) | • |
| P KV 507 | CITROËN (C1), PEUGEOT (107), TOYOTA (AYGO) | • |
| KF 508 | HIUNDAI (ELANTRA * SONATA), KIA (MAGENTIS) | • |
| KF 509 | SUZUKI (ALTO * IGNIS * SWIFT * WAGON) | • |
| P KV 510 | ALFA ROMEO (MITO), FIAT (PUNTO * 500) | • |
| P KV 511 | AUDI (A6) | • |
| P KV 512 | BMW (1 * 3 * 3 TOURING) | • |
| KV 513 | HIUNDAI (ACCENT) | • |
| KV 514 | VOLVO (850) | • |
| KA 515 | MERCEDES (100) | • |

10.0\ Passenger car wheel bearing kits

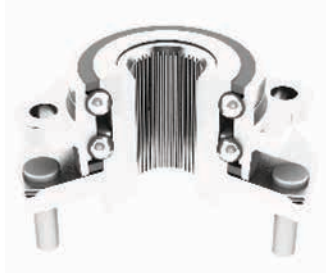
Kits de rodamientos de rueda para turismos



| Fersa | | | SKF | SNR | FAG | OPTIMAL | QH | TIMKEN | RUVILLE |
|-----------------|--------------|----------------|-----------|---------|-----------|---------|----------|---------|---------|
| KF 516 | | | VKBA 3443 | R165.25 | 713660380 | 891731 | | EK78647 | 6525 |
| KA 517 | LM 501349/10 | LM 503349 A/10 | VKBA 3473 | R183.02 | 713697030 | 882491 | | EK73804 | 8302 |
| P KV 518 | | | VKBA 3568 | R157.49 | 713610580 | 101025 | | K83108 | 7805 |
| KF 519 | F 16054 | | VKBA 3605 | R157.28 | 713610710 | 102097 | | | 5728 |
| P KV 520 | | | VKBA 3677 | R155.82 | 713630980 | 702815 | | | 5582 |
| KV 521 | | | VKBA 3934 | R189.05 | 713626080 | 922181 | | | |
| KC 522 | | | VKBA 3970 | | 713623430 | 972571 | | K83451 | 7711 |
| P KV 523 | | | VKBA 6516 | R158.56 | 713690920 | 802265 | | | 5856 |
| KV 524 | | | VKBA 6553 | R153.51 | 713644850 | 202286 | | | |
| P KV 525 | | | VKBA 6825 | R174.14 | 713617840 | 912527 | QWB 1280 | | 7414 |
| KV 526 | | | VKBA 6838 | R184.15 | | 922488 | | | 8420 |
| KV 527 | | | VKBA 6873 | | | | | | |
| KV 528 | | | VKBA 6875 | | 713618970 | 981704 | | | |
| KF 529 | | | VKBA 6913 | | | | | | |
| KV 530 | | | VKBA 3202 | R168.29 | 713613340 | 962712 | QWB 1136 | K82318 | 6829 |
| KV 531 | | | VKBA 3269 | R190.03 | 713644690 | | | | |
| KV 532 | | | VKBA 3451 | R150.26 | 713667190 | 501133 | QWB 1193 | K80524 | 5026 |
| KA 533 | | | VKBA 3472 | R183.03 | 713697040 | 881489 | | EK73803 | 8303 |
| P KV 534 | | | VKBA 3541 | R160.27 | 713606290 | 802888 | | K80126 | 6027 |
| P KV 535 | | | VKBA 3561 | R155.67 | 713630880 | 702957 | QWB 1277 | | 5567 |
| P KV 536 | | | VKBA 3578 | R158.45 | 713690700 | 801972 | QWB 1103 | | 5845 |
| KV 537 | | | VKBA 3731 | R169.00 | 713618570 | 982857 | QWB 1052 | EK79006 | 6900 |
| KV 538 | | | VKBA 3973 | R173.31 | | | | | |
| P KV 539 | | | VKBA 6561 | R155.80 | 713630990 | 701837 | | | 5580 |
| KF 540 | | | VKBA 6972 | R170.49 | | 941237 | | | |
| P KV541 | | | VKBA 6978 | | | 971767 | | | |
| KA 542 | LM 11749/10 | L 44649/10 | VKBA 1322 | R170.12 | 713615230 | 942770 | QWB 699 | K81902 | 7012 |
| KF 543 | | | VKBA 1412 | R159.24 | 713640080 | 601348 | QWB 790 | EK74291 | 5924 |
| KV 544 | | | VKBA 1443 | R158.29 | 713690360 | 802444 | QWB 844 | EK74358 | 5829 |
| KA 545 | | | VKBA 1992 | R184.01 | 713619010 | 922441 | | EK78623 | 8401 |
| P KV 546 | | | VKBA 3440 | R155.42 | 713630510 | 702313 | QWB 954 | K82934 | 5542 |
| P KV 547 | | | VKBA 3459 | R160.23 | 713606060 | 802485 | QWB 1071 | EK78900 | 6023 |
| P KV 548 | | | VKBA 3595 | R159.43 | 713640450 | 602509 | | EK78873 | 5943 |
| P KV 549 | | | VKBA 3625 | R152.61 | 713678440 | 301511 | | | 5261 |





KF



KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
- KC Ball bearings / Rodamientos de bolas
- KD Double row ball bearings / Rodamientos de bolas de doble hilera
- KF Double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular
- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

| Fersa | |   |
|----------|--|---|
| KF 516 | VOLVO (S40 * V40) | • |
| KA 517 | JAGUAR (XJ) | • |
| P KV 518 | SKODA (FABIA; VW (POLO) | • |
| KF 519 | AUDI (A4 * AVANT * CABRIO) | • |
| P KV 520 | NISSAN (KUBISTAR), RENAULT (KANGOO) | • |
| KV 521 | KIA (CLARENS * CLARUS) | • |
| KC 522 | SUZUKI (JIMNY) | • |
| P KV 523 | FIAT (STYLO) | • |
| KV 524 | OPEL (CORSA) | • |
| P KV 525 | HONDA (CITY * JAZZ * CR-V) | • |
| KV 526 | HYUNDAI (MATRIX * ELANTRA) | • |
| KV 527 | SUZUKI (GRAND VITARA) | • |
| KV 528 | TOYOTA (RAV 4 III * AURISAVENSIS * COROLLA) | • |
| KF 529 | MITSUBISHI (CARISMA * SPACE STAR) | • |
| KV 530 | NISSAN (SUNNY * ALMERA) | • |
| KV 531 | CHEVROLET DAEWOO (TACUMA * VIVANT) | • |
| KV 532 | BMW (7) | • |
| KA 533 | JAGUAR (XJ) | • |
| P KV 534 | ALFA ROMEO (166) | • |
| P KV 535 | RENAULT (LAGUNA) | • |
| P KV 536 | ALFA ROMEO(145 * 146 * GTV * SPIDER), FIAT (BRAVO * MAREA), LANCIA (KAPPA * LYBRA) | • |
| KV 537 | TOYOTA (COROLLA) | • |
| KV 538 | TOYOTA (CARISMA * SAPCE WAGON) | • |
| P KV 539 | DACIA (LOGAN) | • |
| KF 540 | MAZDA (3) | • |
| P KV541 | SUZUKI (GRAND VITARA) | • |
| KA 542 | KIA (PRIDE), MAZDA (121) | • |
| KF 543 | CITROËN (XM) PEUGEOT (605) | • |
| KV 544 | FIAT (PANDA), LANCIA (Y10) | • |
| KA 545 | HYUNDAI (LANTRA * PONY) | • |
| P KV 546 | RENAULT (SAFRANE) | • |
| P KV 547 | ALFA ROMEO (GTV * SPIDER) | • |
| P KV 548 | CITROËN (BERLINGO * XSARA), PEUGEOT (PARTNER) | • |
| P KV 549 | FORD (MONDEO) | • |

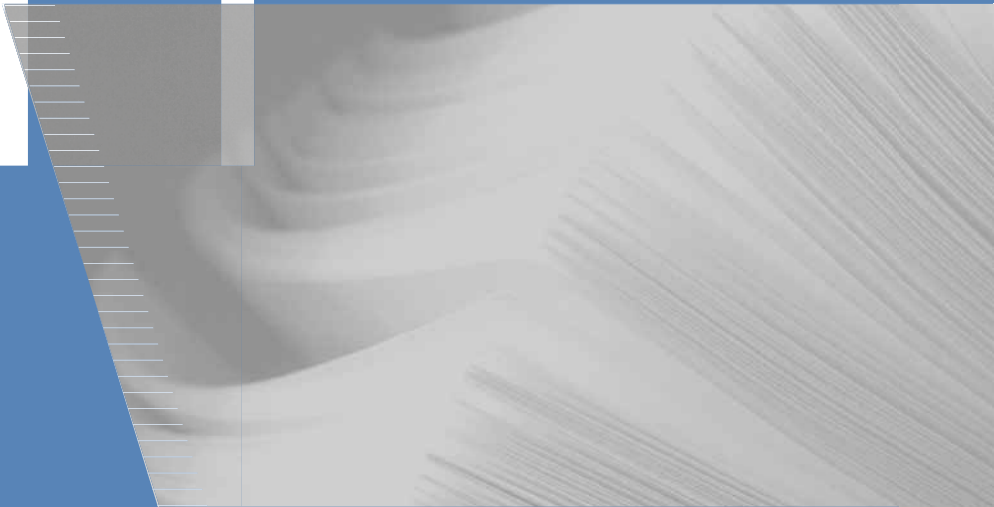
List & adicional information

Listados e información adicional

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| Nomenclatures / Nomenclaturas | | |
|-------------------------------|---|---|
| AIR | Air conditioning | Aire acondicionado |
| BB | Standard ball bearing | Rodamientos de bolas estándar |
| BB4PAC | Four point angular contact ball bearing | Rodamiento de bolas de cuatro puntos de contacto angular |
| BBC | Clutch release bearing | Rodamiento de embrague |
| BBDRAC | Standard double row angular contact ball bearing | Rodamientos de bolas de doble hilera de contacto angular estándar |
| BBDRACS | Special double row angular contact ball bearing / | Rodamiento de doble hilera de bolas de contacto angular estandar |
| BBS | Special ball bearing | Rodamiento de bolas especial |
| BBT | Thrust ball bearing | Rodamiento axial de bolas |
| CONE | Inner rings | Conjuntos interiores |
| CRB | Standard cylindrical bearing | Rodamiento cilíndrico estándar |
| CRBS | Special cylindrical bearing | Rodamiento cilíndrico especial |
| KIT | Passenger car wheel bearing kit | Kit de rueda de turismo |
| NRBAXK | Trust needle roller bearing | Rodamientos axiales de agujas |
| NRBHK | Drawn cup needle roller bearing | Casquillos de agujas |
| NRBS | Special needle roller bearing | Rodamientos de agujas especiales |
| PHA | Preset Hub Assembly | Rodamientos integrales |
| TRBDR | Double row tapered roller bearing | Rodamientos cónicos de doble hilera |
| TRBF | Flange side bearing | Rodamiento con valona |
| TRBI | Inch series | Series pulgadas |
| TRBM | Metric series | Series métricas |
| TRBS | Special tapered roller bearing | Rodamiento de rodillos cónicos especial |
| TRBSt | Steering bearing | Rodamiento de dirección |
| TRBT | Thrust tapered roller bearing | Rodamiento axiales cónicos |
| U Series | U type bearing | Rodamiento de tipo U |
| WH | Wheel end kit | Kit de rueda |
| WK | Wheel end hub | Hub de rueda |
| WM | Wheel end module | Modulo de rueda |


11





11.1 \ Special Fersa references numerical list

Lista numérica de referencias especiales de Fersa

| Fersa |  | PAG. |
|----------------------|---|------|
| F 15000 SERIE | | |
| F 10053 | TRBS | 32 |
| F 15001 | TRBS | 32 |
| F 15002 | TRBS | 32 |
| F 15003 | TRBS | 32 |
| F 15004 | BBT | 100 |
| F 15005 | BBC | 102 |
| F 15007 | TRBS | 32 |
| F 15008/F 15009 | TRBS | 32 |
| L 814749/F 15010 | TRBS | 32 |
| F 15014 | TRBS | 32 |
| F 15015 | TRBDR | 50 |
| F 15023 | TRBS | 32 |
| F 15026 | TRBF | 40 |
| F 15028 | TRBS | 32 |
| F 15029 | TRBS | 32 |
| F 15030 | TRBDR | 50 |
| F 15031 | BBT | 100 |
| F 15033 | BBT | 100 |
| F 15034 | BBT | 100 |
| F 15036 | TRBS | 32 |
| F 15040 | TRBS | 32 |
| F 15041 | TRBDR | 50 |
| F 15042 | TRBDR | 50 |
| F 15043 | TRBDR | 50 |
| F 15044 | TRBDR | 50 |
| F 15045 | TRBDR | 50 |
| F 15046 | TRBS | 32 |
| F 15047 | TRBS | 32 |
| F 15048 | TRBS | 32 |
| F 15050 | TRBDR | 50 |
| F 15051 C | TRBS | 32 |
| F 15051 R | TRBS | 32 |
| F 15052 | BBC | 102 |
| F 15054/3720 | TRBS | 32 |
| F 15055/LM 29710 | TRBS | 34 |
| F 15056 | TRBS | 34 |
| F 15057 | BBT | 100 |
| F 15058 | BBT | 100 |
| F 15059 | BBT | 100 |
| F 15060 | BBT | 100 |
| F 15062 | TRBDR | 50 |
| F 15063 | TRBS | 34 |
| F 15064 | BBT | 100 |
| F 15067 | TRBDR | 50 |
| F 15068 | TRBDR | 50 |
| F 15070 | BBC | 102 |
| F 15071 | TRBS | 34 |
| F 15075 | TRBS | 34 |
| F 15076 | TRBS | 34 |
| F 15079 | TRBS | 34 |

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| F 15082 | TRBS | 34 |
| F 15083 | TRBS | 34 |
| CONE F 15084 | CONE | 46 |
| F 15088 | TRBS | 34 |
| F 15089 | TRBS | 34 |
| F 15090 | TRBF | 40 |
| F 15091 | BBT | 100 |
| F 15097 | WH | 128 |
| F 15100 | WH | 128 |
| CONE F 15101 | CONE | 46 |
| F 15104 | TRBS | 34 |
| F 15108 | TRBF | 40 |
| F 15109 | TRBS | 34 |
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| CONE F 15111 | CONE | 46 |
| F 15112 | TRBS | 34 |
| CONE F 15113 | CONE | 46 |
| F 15114 | TRBS | 34 |
| F 15115 | TRBS | 34 |
| F 15116 | TRBS | 34 |
| F 15117 | TRBS | 34 |
| F 15118 | BBC | 102 |
| F 15119 | TRBS | 34 |
| F 15120 | WH | 128 |
| F 15121 | WH | 128 |
| F 15122 | WH | 128 |
| F 15125 | WH | 128 |
| F 15126 | WH | 128 |
| F 15127 | WH | 128 |
| F 15128 | TRBDR | 50 |
| F 15129 | TRBDR | 50 |
| F 15130 | TRBDR | 50 |
| CONE F 15131 | CONE | 46 |
| CONE F 15132 | CONE | 46 |
| F 15133 | TRBS | 34 |
| CONE F 15134 | CONE | 46 |
| F 15139 | BBC | 102 |
| F 15140 | BBC | 102 |
| F 15141 | BBC | 102 |
| F 15146 | TRBDR | 50 |
| F 15149 | TRBDR | 50 |
| CONE F 15150 A | CONE | 46 |
| F 15151 | TRBDR | 50 |
| F 15154 | TRBDR | 50 |
| F 15156 | TRBS | 34 |
| F 15157 | TRBS | 34 |
| F 15158 | TRBS | 34 |
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| F 15161 | TRBF | 40 |

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| F 15166 | TRBDR | 52 |
| F 15167 | TRBDR | 52 |
| F 15168 | TRBDR | 52 |
| F 15173 | TRBDR | 52 |
| F 15174 | TRBDR | 52 |
| F 15175 | TRBDR | 52 |
| F 15183 | TRBS | 36 |
| F 15184 | TRBS | 36 |
| F 15187 | TRBDR | 52 |
| F 15190 | TRBS | 36 |
| F 15191 | TRBF | 40 |
| F 15192 | TRBF | 40 |
| F 15193 | TRBS | 36 |
| F 15196 | TRBF | 40 |
| F 15197 | TRBS | 36 |
| F 15198 | TRBF | 40 |
| F 15199 | TRBS | 36 |
| F 15200 | TRBS | 36 |
| F 15201 | TRBS | 36 |
| F 15202 | TRBS | 36 |
| F 15203 | TRBS | 36 |
| F 15208 | TRBS | 36 |
| F 15209 | BBC | 102 |
| F 15210 | BBC | 102 |
| F 15211 | BBC | 102 |
| F 15212 | TRBF | 40 |
| CONE F 15213 | CONE | 46 |
| F 15218 | TRBDR | 52 |
| F 15224 | BBC | 102 |
| F 15239 | TRBS | 36 |
| CONE F 15244 | CONE | 46 |
| F 15245 | TRBS | 36 |
| F 15246 | TRBF | 40 |
| CONE F 15249 | CONE | 46 |
| F 15252 | TRBS | 36 |
| F 15253 | TRBS | 36 |
| F 15254 | TRBS | 36 |
| F 15255 | TRBS | 36 |
| F 15256 | TRBS | 36 |
| F 15257 | TRBS | 38 |
| F 15258 | TRBS | 38 |
| F 15265 | TRBF | 40 |
| N F 15266 | TRBS | 38 |
| N F 15267 | TRBS | 38 |
| F 15268 | TRBDR | 52 |
| CONE F 15269 | CONE | 46 |
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| F 15273 | TRBS | 38 |
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F 16000 SERIE

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| F 16037 | BBDRACS | 80 |
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| F 16042 | BBDRACS | 82 |
| F 16043 | BBDRACS | 82 |

11.1 \ Special Fersa references numerical list

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| F 16045 | BBDRACS | 82 |
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| F 16063 | BBDRACS | 84 |
| F 16066 | BBDRACS | 84 |
| F 16068 | BBDRACS | 84 |
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| F 16086 | BBDRACS | 86 |
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| F 16095 | BBDRACS | 86 |
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| F 18052 | BBS | 74 | |
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| F 19003 | CRBS | 110 | |
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| F 19029 | CRBS | 112 | |
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| F 19031 | CRBS | 112 | |
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| F 19033 | CRBS | 112 | |
| F 19034 | CRBS | 112 | |
| F 19035 | CRBS | 112 | |
| F 19037 | CRBS | 112 | |
| F 19038 | CRBS | 112 | |
| F 19039 | CRBS | 112 | |
| N | F 19040 | CRBS | 112 |
| F 19042 | CRBS | 112 | |
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| F 19044 | CRBS | 112 | |
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| - | - | - | N F 400006 | PHA | 136 |
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| - | - | - | N F 400008 | PHA | 136 |
| - | - | - | N F 400009 | PHA | 136 |
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| - | 49,225 | 11,509 | 13 C | TRBSt | 44 |
| - | 54,600 | 22,000 | F 19005 | CRBS | 110 |
| - | 55,000 | 20,000 | F 19079 | CRBS | 114 |
| - | 57,092 | 17,094 | 14 XS | TRBSt | 44 |
| - | 62,000 | 16,000 | F 19068 | CRBS | 112 |
| - | 80,000 | 26,500 | F 19069 | CRBS | 114 |
| 6,000 | 19,000 | 6,000 | 626 | BB | 60 |
| 7,000 | 19,000 | 6,000 | 607 | BB | 60 |
| 8,000 | 22,000 | 7,000 | 608 | BB | 60 |
| 8,000 | 24,000 | 8,000 | 628 | BB | 60 |
| 9,000 | 24,000 | 7,000 | 609 | BB | 60 |
| 9,000 | 26,000 | 8,000 | 629 | BB | 60 |
| 10,000 | 26,000 | 8,000 | 6000 | BB | 60 |
| 10,000 | 30,000 | 9,000 | 6200 | BB | 62 |
| 10,000 | 35,000 | 11,000 | 6300 | BB | 66 |
| 12,000 | 28,000 | 8,000 | 6001 | BB | 60 |
| 12,000 | 32,000 | 10,000 | 6201 | BB | 63 |
| 12,000 | 32,000 | 14,000 | 62201 | BB | 65 |
| 12,000 | 32,000 | 10,000/ 15,350 | F 18046 2RS | BBS | 74 |
| 12,000 | 32,000 | 10,000/ 15,350 | F 18046 ZZ | BBS | 74 |
| 12,000 | 37,000 | 12,000 | 6301 | BB | 66 |
| 12,000 | 40,000 | 12,000 | 6203/12 | BB | 63 |
| 12,200 | 36,600 | 11,000 | F 15034 | BBT | 100 |
| 14,200 | 36,600 | 11,000 | F 15033 | BBT | 100 |
| 15,000 | 32,000 | 9,000 | 6002 | BB | 60 |
| 15,000 | 35,000 | 11,000 | 6202 | BB | 63 |
| 15,000 | 35,000 | 11,000 | NU 202 FM/C3 | CRB | 106 |
| 15,000 | 35,000 | 11,750 | 30202 F | TRBM | 8 |
| 15,000 | 35,000 | 13,000 | F 18015 | BBS | 72 |
| 15,000 | 35,000 | 14,000 | 62202 | BB | 65 |
| 15,000 | 42,000 | 13,000 | 6302 | BB | 66 |
| 15,000 | 42,000 | 14,250 | 30302 F | TRBM | 8 |


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| 15,000 | 47,000 | 14,000 | 6303/15 | BB | 66 |
| 15,875 | 42,862 | 14,288 | 11590/11520 | TRBI | 20 |
| 15,875 | 47,000 | 14,000 | F 19055 | CRBS | 112 |
| 15,987 | 46,975 | 21,000 | HM 81649/ HM 81610 | TRBI | 27 |
| 16,300 | 56,000 | 9,000 | F 15052 | BBC | 102 |
| 16,993 | 47,000 | 14,382 | 05066/05185 | TRBI | 20 |
| 17,000 | 35,000 | 10,000 | 6003 | BB | 60 |
| 17,000 | 40,000 | 12,000 | 6203 | BB | 63 |
| 17,000 | 40,000 | 13,250 | 30203 F | TRBM | 8 |
| 17,000 | 47,000 | 14,000 | 6303 | BB | 66 |
| 17,000 | 47,000 | 15,250 | 30303 F | TRBM | 8 |
| 17,000 | 47,000 | 15,250 | 31303 F | TRBM | 9 |
| 17,000 | 47,000 | 20,250 | 32303 F | TRBM | 11 |
| 17,000 | 52,000 | 15,000 | 6304/17 | BB | 66 |
| 17,000 | 52,000 | 16,000 | 6304/17 B16 | BB | 66 |
| 17,000 | 52,000 | 17,000 | 6304/17 B17 | BB | 66 |
| 17,000 | 62,000 | 17,000 | 6403 | BB | 68 |
| 17,000 | 62,000 | 17,000/ 17,600 | F 18020 | BBS | 72 |
| 17,462 | 39,878 | 13,843 | LM 11749/ LM 11710 | TRBI | 20 |
| 19,050 | 39,992 | 12,014 | A 6075/A 6157 | TRBI | 19 |
| 19,050 | 44,450 | 12,700 | 4 A/6 | TRBI | 14 |
| 19,050 | 45,237 | 15,494 | LM 11949 RS/ LM 11910 | TRBI | 20 |
| 19,050 | 45,237 | 15,494 | LM 11949/ LM 11910 | TRBI | 20 |
| 19,050 | 49,225 | 18,034 | 09067/09195 | TRBI | 20 |
| 19,050 | 49,225 | 19,845 | 09074/09195 | TRBI | 20 |
| 19,050 | 49,225 | 21,209 | 09067/09196 | TRBI | 20 |
| 19,050 | 49,225 | 23,020 | 09074/09194 | TRBI | 20 |
| 19,050 | 49,225 | 23,020 | 09074/09196 | TRBI | 20 |
| 19,050 | 53,975 | 22,225 | 21075/21212 | TRBI | 22 |
| 20,000 | 37,000 | 9,000 | 61904 | BB | 62 |
| 20,000 | 42,000 | 12,000 | 6004 | BB | 61 |
| 20,000 | 42,000 | 15,000 | 32004 XF | TRBM | 9 |
| 20,000 | 42,000 | 15,000 | 32004 XR | TRBM | 9 |
| 20,000 | 47,000 | 14,000 | 6204 | BB | 63 |
| 20,000 | 47,000 | 15,250 | 30204 F | TRBM | 8 |
| 20,000 | 47,000 | 18,000 | 62204 | BB | 65 |
| 20,000 | 47,000 | 19,250 | 32204 F | TRBM | 10 |
| 20,000 | 47,000 | 19,250 | 32204 FR | TRBM | 10 |
| 20,000 | 52,000 | 12,000 | 6304 B12 | BB | 66 |
| 20,000 | 52,000 | 15,000 | 6304 | BB | 66 |
| 20,000 | 52,000 | 15,000 | NUP 304 FM/C3 | CRB | 107 |
| 20,000 | 52,000 | 16,250 | 30304 F | TRBM | 8 |
| 20,000 | 52,000 | 19,250 | F 15199 | TRBS | 36 |
| 20,000 | 52,000 | 21,000 | 62304 | BB | 65 |
| 20,000 | 52,000 | 22,250 | 32304 F | TRBM | 11 |


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| 20,000 | 56,000 | 12,000 | 6304 B12 D56 | BB | 66 |
| 20,000 | 72,000 | 19,000 | 6404 | BB | 68 |
| 20,625 | 49,225 | 19,845 | 09081/09195 | TRBI | 20 |
| 20,625 | 49,225 | 23,020 | 09081/09196 | TRBI | 20 |
| 21,430 | 45,237 | 15,494 | LM 12748/ LM 12710 | TRBI | 20 |
| 21,430 | 50,005 | 17,026 | M 12649 F/ M 12610 F | TRBI | 20 |
| 21,430 | 50,005 | 17,526 | M 12649/ M 12610 | TRBI | 20 |
| 21,986 | 45,000 | 6,500 | F 15108 | TRBF | 40 |
| 21,986 | 45,237 | 15,494 | LM 12749/ LM 12710 | TRBI | 20 |
| 21,986 | 45,974 | 15,494 | LM 12749/ LM 12711 | TRBI | 21 |
| 22,000 | 41,000 | 14,500 | F 15028 | TRBS | 32 |
| 22,000 | 44,000 | 15,000 | 320/22 XF | TRBM | 9 |
| 22,000 | 47,000 | 20,750 | F 15063 | TRBS | 34 |
| 22,000 | 47,000 | 20,750 | F 15089 | TRBS | 34 |
| 22,000 | 50,000 | 14,000 | 62/22 | BB | 62 |
| 22,000 | 56,000 | 16,000 | 63/22 | BB | 65 |
| 22,225 | 50,800 | 15,011 | 07087 X/07210 X | TRBI | 20 |
| 22,225 | 50,800 | 15,011 | 07087/07210 X | TRBI | 20 |
| 22,225 | 51,994 | 15,011 | 07087 X/07204 | TRBI | 20 |
| 22,225 | 51,994 | 15,011 | 07087/07204 | TRBI | 20 |
| 22,225 | 52,388 | 19,368 | 1380/1328 | TRBI | 17 |
| 22,225 | 57,150 | 22,225 | N 1280/1220 | TRBI | 17 |
| 23,812 | 56,896 | 19,368 | 1779/1729 X | TRBI | 17 |
| 24,000 | - | 17,000 | F 19032 | CRBS | 112 |
| 24,000 | - | 28,500 | CONE F 15084 | CONE | 46 |
| 24,054 | 48,021 | 15,088 | T 94 | TRBT | 56 |
| 25,000 | 47,000 | 12,000 | 6005 | BB | 61 |
| 25,000 | 47,000 | 15,000 | 32005 XF | TRBM | 9 |
| 25,000 | 47,000 | 15,000 | 32005 XR | TRBM | 9 |
| 25,000 | 51,994 | 15,011 | 07097/07204 | TRBI | 20 |
| 25,000 | 52,000 | 15,000 | 6205 | BB | 63 |
| 25,000 | 52,000 | 16,250 | 30205 F | TRBM | 8 |
| 25,000 | 52,000 | 16,250 | 30205 FR | TRBM | 8 |
| 25,000 | 52,000 | 18,000 | 62205 | BB | 65 |
| 25,000 | 52,000 | 18,000 | F 19023 | CRBS | 110 |
| 25,000 | 52,000 | 18,000 | NJ 2205 FM/C3 | CRB | 106 |
| 25,000 | 52,000 | 18,000 | NUP 2205 FM/C3 | CRB | 108 |
| 25,000 | 52,000 | 19,250 | 32205 BF | TRBM | 10 |
| 25,000 | 52,000 | 19,250 | 32205 F | TRBM | 10 |
| 25,000 | 52,000 | 21,000 | F 19029 | CRBS | 112 |
| 25,000 | 52,000 | 22,000 | 33205 F | TRBM | 13 |
| 25,000 | 52,000 | 37,000 | F 15041 | TRBDR | 50 |
| 25,000 | 52,000 | 37,000 | F 15050 | TRBDR | 50 |
| 25,000 | 52,000 | 42,000 | F 16129 | BBDRACS | 88 |
| 25,000 | 52,000 | 43,000 | F 15042 | TRBDR | 50 |


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| 25,000 | 52,000 | 18,000/ 20,600 | F 19004 | CRBS | 110 |
| 25,000 | 54,000 | 9,250 | F 15196 | TRBF | 40 |
| 25,000 | 55,000 | 13,750 | N F 15315 | TRBS | 38 |
| 25,000 | 55,000 | 43,000 | F 15043 | TRBDR | 50 |
| 25,000 | 55,000 | 45,000 | F 15175 | TRBDR | 52 |
| 25,000 | 56,000 | 12,000 | 6205 B12 D56 | BB | 63 |
| 25,000 | 56,000 | 32,000 | F 16004 | BBDRACS | 78 |
| 25,000 | 59,000 | 4,100 | F 15090 | TRBF | 40 |
| 25,000 | 59,000 | 17,500 | F 18019 | BBS | 72 |
| 25,000 | 62,000 | 17,000 | 6305 | BB | 66 |
| 25,000 | 62,000 | 17,000 | NJ 305 F | CRB | 106 |
| 25,000 | 62,000 | 17,250 | N F 15313 | TRBS | 38 |
| 25,000 | 62,000 | 18,250 | 30305 F | TRBM | 8 |
| 25,000 | 62,000 | 18,250 | 31305 F | TRBM | 9 |
| 25,000 | 62,000 | 18,250 | F 15001 | TRBS | 32 |
| 25,000 | 62,000 | 24,000 | 62305 | BB | 65 |
| 25,000 | 62,000 | 24,000 | 6306/25 | BB | 67 |
| 25,000 | 62,000 | 25,250 | 32305 F | TRBM | 11 |
| 25,000 | 62,000 | 17,000/ 19,000 | F 19040 | CRBS | 112 |
| 25,000 | 62,020 | 17,500 | F 18018 | BBS | 72 |
| 25,000 | 66,000 | 22,050 | N F 15316 | TRBS | 38 |
| 25,000 | 69,000 | 20,000 | F 18022 | BBS | 72 |
| 25,000 | 72,000 | 19,000 | 6306/25 | BB | 67 |
| 25,000 | 80,000 | 21,000 | 6405 | BB | 69 |
| 25,000 | 80,000 | 21,000 | NJ 405 F | CRB | 106 |
| 25,400 | 50,005 | 13,495 | 07100 S/07196 | TRBI | 20 |
| 25,400 | 50,005 | 13,495 | 07100/07196 | TRBI | 20 |
| 25,400 | 50,292 | 14,224 | L 44643 RS/ L 44610 | TRBI | 25 |
| 25,400 | 50,292 | 14,224 | L 44643/ L 44610 | TRBI | 25 |
| 25,400 | 50,800 | 15,011 | 07100 S/07210 X | TRBI | 20 |
| 25,400 | 51,994 | 15,011 | 07100/07204 | TRBI | 20 |
| 25,400 | 56,896 | 19,368 | 1780/1729 | TRBI | 17 |
| 25,400 | 57,150 | 17,462 | 15578/15520 | TRBI | 22 |
| 25,400 | 57,150 | 19,431 | M 84548/M 84510 | TRBI | 27 |
| 25,400 | 58,738 | 19,050 | 1986/1932 | TRBI | 17 |
| 25,400 | 59,530 | 23,368 | M 84249/M 84210 | TRBI | 27 |
| 25,400 | 60,325 | 19,845 | 1986/1931 | TRBI | 17 |
| 25,400 | 62,000 | 19,050 | 15100/15245 | TRBI | 21 |
| 25,400 | 62,000 | 19,050 | 15101/15245 | TRBI | 21 |
| 25,400 | 63,500 | 20,638 | 15100/15250 | TRBI | 21 |
| 25,400 | 63,500 | 20,638 | 15100/15250 X | TRBI | 21 |
| 25,400 | 63,500 | 20,638 | 15101/15250 | TRBI | 21 |
| 25,400 | 63,500 | 20,638 | 15101/15250 X | TRBI | 21 |
| 25,500 | - | 19,000 | F 19017 | CRBS | 110 |


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| 25,654 | 50,800 | 15,875 | T 101 | TRBT | 56 |
| 25,987 | 51,986 | 15,011 | L 44645/ L 44613 | TRBI | 25 |
| 25,987 | 57,150 | 17,462 | 15579 X/15520 | TRBI | 22 |
| 25,995 | 68,000 | 14,500/ 21,550 | F 18024 | BBS | 72 |
| 26,162 | 61,912 | 19,050 | 15103 S/15243 | TRBI | 21 |
| 26,162 | 62,000 | 19,050 | 15103 S/15245 | TRBI | 21 |
| 26,988 | 50,292 | 14,224 | N F 15308 | TRBS | 38 |
| 26,988 | 50,292 | 14,224 | L 44649/ L 44610 | TRBI | 25 |
| 26,988 | 57,150 | 17,462 | 15580/15520 | TRBI | 22 |
| 26,988 | 62,000 | 19,050 | 15106/15245 | TRBI | 21 |
| 26,988 | 63,500 | 20,638 | 15106/15250 | TRBI | 22 |
| 26,988 | 63,500 | 20,638 | 15106/15250 X | TRBI | 22 |
| 27,000 | 52,000 | 45,000/ 50,000 | F 15151 | TRBDR | 50 |
| 27,000 | 53,000 | 43,000 | F 15128 | TRBDR | 50 |
| 27,000 | 66,000 | 6,700 | N F 15312 | TRBF | 40 |
| 27,000 | 134,000 | 67,600/ 50,000 | F 16094 | BBDRACS | 86 |
| 28,000 | 52,000 | 15,750 | F 15056 | TRBS | 34 |
| 28,000 | 52,000 | 16,000 | 320/28 XF | TRBM | 9 |
| 28,000 | 57,150 | 17,462 | J 15585/15520 | TRBI | 22 |
| 28,000 | 61,000 | 42,000 | F 16077 | BBDRACS | 84 |
| 28,000 | 66,000 | 18,000 | F 18021 | BBS | 72 |
| 28,000 | 67,000 | 20,500 | F 15023 | TRBS | 32 |
| 28,000 | 68,000 | 18,000 | 63/28 | BB | 65 |
| 28,000 | 68,000 | 19,750 | 303/28 F | TRBM | 8 |
| 28,000 | 75,000 | 21,000 | F 18043 | BBS | 74 |
| 28,000 | 119,000 | 52,000/ 42,000 | F 16095 | BBDRACS | 86 |
| 28,000 | - | 32,000 | CONE F 15101 | CONE | 46 |
| 28,313 | - | - | 5 BC | TRBSst | 44 |
| 28,575 | 56,896 | 19,845 | 1985/1930 | TRBI | 17 |
| 28,575 | 57,150 | 19,845 | 1985/1922 | TRBI | 17 |
| 28,575 | 57,150 | 19,845 | 1988/1922 | TRBI | 17 |
| 28,575 | 58,738 | 19,050 | 1985/1932 | TRBI | 17 |
| 28,575 | 60,325 | 19,845 | 1985/1931 | TRBI | 17 |
| 28,575 | 60,325 | 19,845 | 1988/1931 | TRBI | 17 |
| 28,575 | 62,000 | 19,050 | 15112/15245 | TRBI | 22 |
| 28,575 | 63,500 | 20,638 | 15112/15250 | TRBI | 22 |
| 28,575 | 63,500 | 20,638 | 15112/15250 X | TRBI | 22 |
| 28,575 | 64,292 | 21,433 | M 86647/ M 86610 | TRBI | 27 |
| 28,575 | 66,421 | 23,812 | 2689/2631 | TRBI | 18 |
| 28,575 | 68,262 | 22,225 | 02474/02420 | TRBI | 20 |
| 28,575 | 71,438 | 20,638 | RMS 9 | BB | 70 |
| 28,575 | 72,626 | 24,608 | 41125/41286 | TRBI | 25 |
| 28,575 | 73,025 | 22,225 | 02872/02820 | TRBI | 20 |


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| 28,829 | 55,562 | 15,875 | T 113 | TRBT | 56 |
| 29,000 | 50,292 | 14,224 | F 15029 | TRBS | 32 |
| 29,000 | 50,292 | 14,224 | L 45449/ L 45410 | TRBI | 25 |
| 29,000 | 53,000 | 37,000 | F 15067 | TRBDR | 50 |
| 29,987 | 62,000 | 19,050 | 15117/15245 | TRBI | 22 |
| 30,000 | 52,000 | 22,000 | F 16097 | AIR | 96 |
| 30,000 | 55,000 | 13,000 | 6006 | BB | 61 |
| 30,000 | 55,000 | 17,000 | 32006 XF | TRBM | 9 |
| 30,000 | 55,000 | 20,000 | 33006 F | TRBM | 12 |
| 30,000 | 55,000 | 23,000 | F 16098 | AIR | 96 |
| 30,000 | 59,000 | 7,000 | N F 15311 | TRBF | 40 |
| 30,000 | 59,000 | 13,000/ 15,000 | F 19024 | CRBS | 110 |
| 30,000 | 60,030 | 37,000 | F 16001 | | 78 |
| 30,000 | 61,935 | 19,050 | F 19031 | CRBS | 112 |
| 30,000 | 61,935 | 23,813 | F 19045 | CRBS | 112 |
| 30,000 | 62,000 | 0,000 | 6206 | BB | 63 |
| 30,000 | 62,000 | 16,000 | 6206 | BB | 63 |
| 30,000 | 62,000 | 16,000 | N 206 FM | CRB | 106 |
| 30,000 | 62,000 | 16,000 | NU 206 FM | CRB | 106 |
| 30,000 | 62,000 | 16,000 | NUP 206 FM | CRB | 107 |
| 30,000 | 62,000 | 17,250 | 30206 F | TRBM | 8 |
| 30,000 | 62,000 | 18,000 | 32007 X 30/32007 XF | TRBM | 10 |
| 30,000 | 62,000 | 20,000 | N F 15309 | TRBS | 38 |
| 30,000 | 62,000 | 20,000 | 62206 | BB | 65 |
| 30,000 | 62,000 | 20,000 | F 19025 | CRBS | 110 |
| 30,000 | 62,000 | 21,250 | 32206 F | TRBM | 10 |
| 30,000 | 62,000 | 23,800 | 3206 B 2RS/C3 | BBDRAC | 92 |
| 30,000 | 62,000 | 25,000 | 33206 F | TRBM | 13 |
| 30,000 | 62,000 | 27,000 | F 16104 | AIR | 96 |
| 30,000 | 65,000 | 21,000 | F 18011 | BBS | 72 |
| 30,000 | 69,012 | 19,845 | 14118/14274 | TRBI | 21 |
| 30,000 | 72,000 | 19,000 | 6306 | BB | 67 |
| 30,000 | 72,000 | 19,000 | F 19091 | CRBS | 114 |
| 30,000 | 72,000 | 19,000 | NJ 306 FM | CRB | 106 |
| 30,000 | 72,000 | 20,750 | 30306 F | TRBM | 8 |
| 30,000 | 72,000 | 20,750 | 31306 F | TRBM | 9 |
| 30,000 | 72,000 | 20,750 | F 15002 | TRBS | 32 |
| 30,000 | 72,000 | 24,000 | F 15203 | TRBS | 36 |
| 30,000 | 72,000 | 27,000 | 62306 | BB | 65 |
| 30,000 | 72,000 | 27,000 | NU 2306 F | CRB | 107 |
| 30,000 | 72,000 | 27,000 | NU 2306 F/C3 | CRB | 107 |
| 30,000 | 72,000 | 27,000 | NU 2306 FM/C3 | CRB | 107 |
| 30,000 | 72,000 | 28,750 | 32306 BF | TRBM | 11 |
| 30,000 | 72,000 | 28,750 | 32306 C | TRBM | 11 |
| 30,000 | 72,000 | 28,750 | 32306 F | TRBM | 11 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|------------------------------------|---|------|
| 30,000 | 72,000 | 29,370 | JHM 88540/ JHM 88513 | TRBI | 27 |
| 30,000 | 72,085 | 22,385 | 14118/14283 | TRBI | 21 |
| 30,000 | 75,000 | 21,000 | F 18047 | BBS | 74 |
| 30,000 | 80,000 | 21,000 | F 19078 | CRBS | 114 |
| 30,000 | 80,000 | 21,000 | F 19083 | CRBS | 114 |
| 30,000 | 90,000 | 23,000 | 6406 | BB | 69 |
| 30,000 | 90,000 | 23,000 | NJ 406 FM/C3 | CRB | 106 |
| 30,000 | 117,000 | 61,300/ 37,000 | F 16010 | BBDRACS | 78 |
| 30,000 | - | 23,000 | F 19075 | CRBS | 114 |
| 30,000 | - | 26,000 | F 19019 | CRBS | 110 |
| 30,020 | 37,000 | 16,000 | HK 3016 A | NRBHK | 118 |
| 30,162 | 64,292 | 21,433 | M 86649/M 86610 | TRBI | 27 |
| 30,162 | 68,262 | 8,730 | M 88043/M 88010 B | TRBF | 40 |
| 30,162 | 68,262 | 22,225 | M 88043/M 88010 | TRBI | 27 |
| 30,162 | 68,262 | 22,225 | M 88043/M 88011 | TRBI | 27 |
| 30,162 | 68,263 | 22,225 | F 15079 | TRBS | 34 |
| 30,213 | 62,000 | 19,050 | 15118/15245 | TRBI | 22 |
| 30,213 | 63,500 | 20,638 | 15118/15250 | TRBI | 22 |
| 30,213 | 63,500 | 20,638 | 15118/15250 X | TRBI | 22 |
| 30,213 | 63,500 | 20,638 | 15120/15250 X | TRBI | 22 |
| 30,226 | 69,012 | 19,845 | 14116/14276 | TRBI | 21 |
| 30,416 | 55,562 | 15,875 | T 119 | TRBT | 56 |
| 30,955 | 64,292 | 21,432 | M 86648 A/ M 86610 | TRBI | 27 |
| 31,750 | 58,877 | 6,833 | LM 67048/ LM 67010 BA | TRBF | 40 |
| 31,750 | 58,877 | 15,875 | LM 67048/ LM 67010 BA | TRBF | 40 |
| 31,750 | 59,131 | 6,375 | LM 67048/ LM 67010 BCE | TRBF | 40 |
| 31,750 | 59,131 | 15,875 | LM 67048 RS/ LM 67010 | TRBI | 26 |
| 31,750 | 59,131 | 15,875 | LM 67048/ LM 67010 | TRBI | 26 |
| 31,750 | 59,131 | 15,875 | LM 67049 A/ LM 67010 | TRBI | 26 |
| 31,750 | 59,131 | 15,875 | LM 67049 AX/ LM 67010 X | TRBI | 26 |
| 31,750 | 59,131 | 17,780 | LM 67049/ LM 67011 | TRBI | 26 |
| 31,750 | 61,986 | 15,875 | LM 67048/ LM 67014 | TRBI | 26 |
| 31,750 | 61,986 | 15,875 | LM 67048/ LM 67014 X | TRBI | 26 |
| 31,750 | 61,986 | 15,875 | LM 67049 A/ LM 67014 | TRBI | 26 |
| 31,750 | 62,000 | 7,938 | F 15198 | TRBF | 40 |
| 31,750 | 62,000 | 18,161 | 15123/15245 | TRBI | 22 |


| d | D | T | Fersa |  | PAG. |
|--------|--------|--------|---------------------------------|---|------|
| 31,750 | 62,000 | 19,050 | 15125/15245 | TRBI | 22 |
| 31,750 | 62,000 | 19,050 | 15126/15245 | TRBI | 22 |
| 31,750 | 62,000 | 19,749 | 15123/15244 | TRBI | 22 |
| 31,750 | 63,500 | 19,749 | 15123/15250 X | TRBI | 22 |
| 31,750 | 63,500 | 20,638 | 15126/15250 | TRBI | 22 |
| 31,750 | 63,500 | 20,638 | 15126/15250 X | TRBI | 22 |
| 31,750 | 66,421 | 25,400 | 2580/2520 | TRBI | 17 |
| 31,750 | 68,262 | 22,225 | 02475/02420 | TRBI | 20 |
| 31,750 | 68,262 | 22,225 | M 88046/ M 88010 | TRBI | 27 |
| 31,750 | 69,012 | 19,845 | 14125 A/14274 | TRBI | 21 |
| 31,750 | 69,012 | 19,845 | 14125 A/14276 | TRBI | 21 |
| 31,750 | 69,012 | 26,983 | 14123 AA/14274 | TRBI | 21 |
| 31,750 | 69,012 | 26,983 | 14123 AA/14276 | TRBI | 21 |
| 31,750 | 69,850 | 23,812 | 2580/2523 | TRBI | 17 |
| 31,750 | 72,085 | 22,385 | 14125 A/14283 | TRBI | 21 |
| 31,750 | 73,025 | 29,370 | HM 88542/ HM 88510 | TRBI | 27 |
| 32,000 | 40,000 | 49,200 | N F 17078 K | NRBS | 124 |
| 32,000 | 53,000 | 14,500 | JL 26749 F/ JL 26710 | TRBI | 23 |
| 32,000 | 55,000 | 13,000 | 6006/32 | BB | 61 |
| 32,000 | 58,000 | 17,000 | 320/32 XF | TRBM | 9 |
| 32,000 | 58,000 | 17,000 | 320/32 XR | TRBM | 9 |
| 32,000 | 65,000 | 26,000 | 332/32 F | TRBM | 13 |
| 32,000 | 75,000 | 20,000 | 63/32 | BB | 65 |
| 32,000 | 80,000 | 23,000 | F 18048 | BBS | 74 |
| 32,000 | - | 29,500 | CONE F 15110 | CONE | 46 |
| 32,000 | - | 33,000 | CONE F 15213 | CONE | 46 |
| 32,004 | 55,562 | 15,875 | T 126 | TRBT | 56 |
| 33,000 | 72,000 | 17,000 | 6207/33 | BB | 64 |
| 33,297 | - | - | 11 BC | TRBSt | 44 |
| 33,338 | 66,675 | 20,638 | 1680/1620 | TRBI | 17 |
| 33,338 | 68,262 | 22,225 | M 88048/ M 88010 | TRBI | 27 |
| 33,338 | 68,262 | 22,225 | M 88048/ M 88011 | TRBI | 27 |
| 33,338 | 69,012 | 19,845 | 14130/14274 | TRBI | 21 |
| 33,338 | 69,012 | 19,845 | 14130/14276 | TRBI | 21 |
| 33,338 | 69,012 | 19,845 | 14131/14274 | TRBI | 21 |
| 33,338 | 69,012 | 19,845 | 14131/14276 | TRBI | 21 |
| 33,338 | 69,850 | 23,812 | 2585/2523 | TRBI | 17 |
| 33,338 | 73,025 | 29,370 | HM 88547/ HM 88510 | TRBI | 27 |
| 33,338 | 76,200 | 29,370 | HM 89443/HM 89410 | TRBI | 27 |
| 33,338 | 79,375 | 29,370 | 3477/3420 | TRBI | 18 |
| 34,000 | 62,000 | 18,000 | 32007 X 34/32007 XF | TRBM | 10 |


11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|--------|--------|------------------------------|---|------|
| 34,000 | 62,000 | 37,000 | F 16018 | BBDRACS | 78 |
| 34,000 | 64,000 | 37,000 | F 16019 | BBDRACS | 78 |
| 34,000 | 66,000 | 37,000 | F 16020 | BBDRACS | 78 |
| 34,000 | 67,000 | 37,000 | F 16083 | BBDRACS | 86 |
| 34,925 | 65,088 | 18,034 | LM 48548 RS/ LM 48510 | TRBI | 26 |
| 34,925 | 65,088 | 18,034 | LM 48548/ LM 48510 | TRBI | 26 |
| 34,925 | 68,262 | 18,034 | LM 48548/ LM 48514 XP | TRBI | 26 |
| 34,925 | 68,262 | 20,638 | 14585/14525 | TRBI | 21 |
| 34,925 | 69,012 | 19,845 | 14137 A/14274 | TRBI | 21 |
| 34,925 | 69,012 | 19,845 | 14137 A/14276 | TRBI | 21 |
| 34,925 | 69,012 | 19,845 | 14137 AS/14276 | TRBI | 21 |
| 34,925 | 69,012 | 19,845 | 14138 A/14274 | TRBI | 21 |
| 34,925 | 69,012 | 19,845 | 14138 A/14276 | TRBI | 21 |
| 34,925 | 69,012 | 26,983 | 14136 A/14276 | TRBI | 21 |
| 34,925 | 72,085 | 22,385 | 14138 A/14283 | TRBI | 21 |
| 34,925 | 72,233 | 25,400 | HM 88649/ HM 88610 | TRBI | 27 |
| 34,925 | 73,025 | 23,812 | 25877/25820 | TRBI | 23 |
| 34,925 | 73,025 | 23,812 | 25877/25821 | TRBI | 23 |
| 34,925 | 73,025 | 23,812 | 25878/25820 | TRBI | 23 |
| 34,925 | 73,025 | 23,812 | 2796/2735 X | TRBI | 18 |
| 34,925 | 73,025 | 26,988 | 23690/23620 | TRBI | 22 |
| 34,925 | 73,025 | 26,988 | F 15080 | TRBS | 34 |
| 34,925 | 76,200 | 23,813 | 2793/2720 | TRBI | 18 |
| 34,925 | 76,200 | 29,370 | 31593/31520 | TRBI | 24 |
| 34,925 | 76,200 | 29,370 | 31594/31520 | TRBI | 24 |
| 34,925 | 76,200 | 29,370 | HM 89446/ HM 89410 | TRBI | 27 |
| 34,925 | 79,375 | 29,370 | 3478/3420 | TRBI | 18 |
| 34,925 | 80,035 | 21,433 | 28137/28317 | TRBI | 23 |
| 34,987 | 59,131 | 15,875 | L 68149 R/ L 68110 | TRBI | 27 |
| 34,987 | 59,131 | 15,875 | L 68149/ L 68110 | TRBI | 26 |
| 34,987 | 59,975 | 15,875 | L 68149/ L 68111 | TRBI | 27 |
| 34,987 | 61,975 | 16,700 | LM 78349/ LM 78310 A | TRBI | 27 |
| 34,987 | 64,975 | 18,100 | U 298/U 261 L | U Series | 42 |
| 34,987 | 65,088 | 15,875 | L 68149/ L 68116 | TRBI | 27 |
| 34,993 | 80,000 | 23,000 | F 19043 | CRBS | 112 |
| 35,000 | 50,000 | 20,000 | F 16099 | AIR | 96 |
| 35,000 | 52,000 | 22,000 | F 16101 | AIR | 96 |
| 35,000 | 55,000 | 20,000 | F 16100 | AIR | 96 |
| 35,000 | 60,000 | 13,000 | F 15040 | TRBS | 32 |
| 35,000 | 60,000 | 15,875 | F 15036 | TRBS | 32 |


| d | D | T | Fersa |  | PAG. |
|--------|--------|---------------|-----------------------------|---|------|
| 35,000 | 60,000 | 15,875 | JL 68145/ JL 68111 Z | TRBI | 26 |
| 35,000 | 62,000 | 14,000 | 6007 | BB | 61 |
| 35,000 | 62,000 | 18,000 | 32007 XF | TRBM | 10 |
| 35,000 | 62,000 | 18,000 | 32007 XR | TRBM | 10 |
| 35,000 | 62,000 | 21,000 | 33007 F | TRBM | 12 |
| 35,000 | 62,000 | 16,700/19,000 | F 19066 | CRBS | 112 |
| 35,000 | 64,000 | 37,000 | F 16200 | BBDRACS | 90 |
| 35,000 | 65,000 | 35,000 | F 15044 | TRBDR | 50 |
| 35,000 | 65,000 | 35,000 | F 16021 | BBDRACS | 78 |
| 35,000 | 66,000 | 32,000 | F 16022 | BBDRACS | 78 |
| 35,000 | 66,000 | 33,000 | F 16093 | BBDRACS | 86 |
| 35,000 | 66,000 | 37,000 | F 16023 | BBDRACS | 78 |
| 35,000 | 67,000 | 21,000/22,500 | F 18025 | BBS | 72 |
| 35,000 | 68,000 | 37,000 | F 16002 | BBDRACS | 78 |
| 35,000 | 68,000 | 48,000 | F 15173 | TRBDR | 52 |
| 35,000 | 72,000 | 0,000 | 6207 | BB | 63 |
| 35,000 | 72,000 | 17,000 | 6207 | BB | 63 |
| 35,000 | 72,000 | 18,250 | 30207 F | TRBM | 8 |
| 35,000 | 72,000 | 20,600 | F 19035 | CRBS | 112 |
| 35,000 | 72,000 | 23,000 | 62207 | BB | 65 |
| 35,000 | 72,000 | 23,000 | NU 2207 FM | CRB | 107 |
| 35,000 | 72,000 | 24,000 | F 15197 | TRBS | 36 |
| 35,000 | 72,000 | 24,250 | 32207 F | TRBM | 10 |
| 35,000 | 72,000 | 26,988 | F 19086 | CRBS | 114 |
| 35,000 | 72,000 | 27,000 | 3207 B 2RS/C3 | BBDRAC | 92 |
| 35,000 | 72,000 | 28,000 | 33207 F | TRBM | 13 |
| 35,000 | 72,000 | 33,000 | F 16026 | BBDRACS | 78 |
| 35,000 | 72,000 | 33,000 | N F 16204 | BBDRACS | 90 |
| 35,000 | 72,000 | 34,000 | F 16201 | BBDRACS | 90 |
| 35,000 | 72,040 | 33,000 | F 16027 | BBDRACS | 78 |
| 35,000 | 75,000 | 20,000 | F 18023 | BBS | 72 |
| 35,000 | 80,000 | 18,250 | 30207/80 F | TRBM | 8 |
| 35,000 | 80,000 | 21,000 | 6307 | BB | 67 |
| 35,000 | 80,000 | 21,000 | F 19077 | CRBS | 114 |
| 35,000 | 80,000 | 21,000 | N 307 FM | CRB | 106 |
| 35,000 | 80,000 | 21,000 | NJ 307 F | CRB | 106 |
| 35,000 | 80,000 | 21,000 | NU 307 F | CRB | 106 |
| 35,000 | 80,000 | 21,000 | NUP 307 FP/C3 | CRB | 107 |
| 35,000 | 80,000 | 22,000 | F 19020 | CRBS | 110 |
| 35,000 | 80,000 | 22,750 | 30307 F | TRBM | 8 |
| 35,000 | 80,000 | 22,750 | 31307 F | TRBM | 9 |
| 35,000 | 80,000 | 22,750 | F 15014 | TRBS | 32 |
| 35,000 | 80,000 | 23,000 | 6307 | BB | 67 |
| 35,000 | 80,000 | 23,000 | F 19012 | CRBS | 110 |
| 35,000 | 80,000 | 31,000 | NU 2307 F | CRB | 107 |
| 35,000 | 80,000 | 31,000 | NU 2307 F/C3 | CRB | 107 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 35,000 | 80,000 | 31,000 | NU 2307 FM/C3 | CRB | 107 |
| 35,000 | 80,000 | 32,750 | 32307 F | TRBM | 11 |
| 35,000 | 80,000 | 34,900 | 3307 B 2RS/C3 | BBDRAC | 92 |
| 35,000 | 89,000 | 38,000 | F 15202 | TRBS | 36 |
| 35,000 | 90,000 | 23,000 | F 19084 | CRBS | 114 |
| 35,000 | 100,000 | 25,000 | 6407 | BB | 69 |
| 35,000 | - | 25,000 | F 19037 | CRBS | 112 |
| 35,179 | 58,738 | 15,875 | T 139 | TRBT | 56 |
| 35,179 | 66,675 | 19,446 | T 138 | TRBT | 56 |
| 35,717 | 72,233 | 25,400 | HM 88648/ HM 88610 | TRBI | 27 |
| 36,000 | 68,000 | 33,000 | N F 16115 | BBDRACS | 88 |
| 36,000 | - | 20,000 | F 19048 | CRBS | 112 |
| 36,487 | 68,000 | 15,000 | F 18038 | BBS | 72 |
| 36,487 | 73,025 | 23,812 | 25880/25820 | TRBI | 23 |
| 36,487 | 73,025 | 23,812 | 25880/25821 | TRBI | 23 |
| 36,487 | 76,200 | 23,812 | 2780/2720 | TRBI | 18 |
| 36,487 | 76,200 | 23,812 | 2780/2729 | TRBI | 18 |
| 36,512 | 76,200 | 29,370 | HM 89448/ HM 89410 | TRBI | 27 |
| 36,512 | 76,200 | 29,370 | HM 89449/ HM 89410 | TRBI | 27 |
| 36,512 | 85,725 | 30,162 | 3878/3820 | TRBI | 18 |
| 36,513 | 68,000 | 15,000 | F 18039 | BBS | 72 |
| 36,754 | 66,675 | 19,446 | T 144 | TRBT | 56 |
| 37,000 | 57,000 | 31,000 | N F 19090 | CRBS | 114 |
| 37,000 | 72,000 | 18,250 | 30207/37 F | TRBM | 8 |
| 37,000 | 72,000 | 33,000 | F 16029 | BBDRACS | 78 |
| 37,000 | 72,000 | 37,000 | F 16030 | BBDRACS | 80 |
| 37,000 | 72,040 | 37,000 | F 16031 | BBDRACS | 80 |
| 37,000 | 74,000 | 45,000 | F 16032 | BBDRACS | 80 |
| 37,000 | 139,000 | 64,000/ 45,000 | F 16033 | BBDRACS | 80 |
| 37,990 | 74,020 | 33,000/ 36,000 | F 16034 | BBDRACS | 80 |
| 38,000 | 63,000 | 17,000 | JL 69345/ JL 69310 | TRBI | 27 |
| 38,000 | 63,000 | 17,000 | JL 69345/ JL 69310 Z | TRBI | 27 |
| 38,000 | 63,000 | 17,000 | JL 69349/ JL 69310 | TRBI | 27 |
| 38,000 | 71,020 | 33,000/33,000 | N F 16120 | BBDRACS | 88 |
| 38,000 | 72,000 | 40,000 | F 16124 | BBDRACS | 88 |
| 38,000 | 72,020 | 33,000/ 36,000 | F 16068 | BBDRACS | 84 |
| 38,000 | 73,000 | 40,000 | F 16117 | BBDRACS | 88 |
| 38,000 | 74,000 | 50,000 | F 16058 | BBDRACS | 84 |
| 38,000 | 83,000 | 25,400 | F 19067 | CRBS | 112 |
| 38,000 | 90,000 | 35,250 | 323/38 F | TRBM | 11 |
| 38,000 | 90,000 | 23,000/ 22,000 | F 19014 | CRBS | 110 |


| d | D | T | Fersa |  | PAG. |
|--------|-------------------|-------------------|-----------------------------------|---|------|
| 38,000 | 94,000 | 33,000/ 31,500 | F 19076 | CRBS | 114 |
| 38,090 | 67,300/ 72,500 | 18,200 | F 15091 | BBT | 100 |
| 38,100 | 65,088 | 12,700 | 13889/13836 | TRBI | 21 |
| 38,100 | 65,088 | 18,034 | F 15055/ LM 29710 | TRBS | 34 |
| 38,100 | 65,088 | 18,034 | LM 29748/ LM 29710 | TRBI | 24 |
| 38,100 | 65,088 | 18,034 | LM 29748/ LM 29711 | TRBI | 24 |
| 38,100 | 65,088 | 18,034 | LM 29749/ LM 29710 | TRBI | 24 |
| 38,100 | 65,088 | 19,812 | LM 29749/ LM 29711 | TRBI | 24 |
| 38,100 | 68,262 | 15,875 | 19150/19268 | TRBI | 22 |
| 38,100 | 69,012 | 19,050 | 13685/13621 | TRBI | 21 |
| 38,100 | 69,012 | 19,050 | 13687/13620 | TRBI | 21 |
| 38,100 | 69,012 | 19,050 | 13687/13621 | TRBI | 21 |
| 38,100 | 69,012 | 26,195 | 13686/13620 | TRBI | 21 |
| 38,100 | 70,000 | 37,000 | F 16057 | BBDRACS | 84 |
| 38,100 | 72,238 | 20,638 | 16150/16284 | TRBI | 22 |
| 38,100 | 76,200 | 23,812 | 2788/2720 | TRBI | 18 |
| 38,100 | 76,200 | 23,812 | 2788/2729 | TRBI | 18 |
| 38,100 | 76,200 | 25,400 | 26878/26823 | TRBI | 23 |
| 38,100 | 79,375 | 29,370 | 3490/3420 | TRBI | 18 |
| 38,100 | 80,167 | 29,370 | 3381/3320 | TRBI | 18 |
| 38,100 | 82,550 | 29,370 | HM 801346 X/ HM 801310 | TRBI | 30 |
| 38,100 | 82,550 | 29,370 | HM 801346/ HM 801310 | TRBI | 30 |
| 38,100 | 88,500 | 26,988 | 418/414 | TRBI | 15 |
| 38,100 | 90,000 | 35,250 | F 15157 | TRBS | 34 |
| 38,100 | - | 29,771 | CONE F 15131 | CONE | 46 |
| 38,303 | 65,883 | 19,431 | T 149 | TRBT | 56 |
| 38,354 | 72,619 | 20,638 | T 152 | TRBT | 56 |
| 38,354 | 72,619 | 21,433 | T 151 | TRBT | 56 |
| 39,000 | 68,000 | 37,000 | F 15045 | TRBDR | 50 |
| 39,000 | 68,000 | 37,000 | F 16035 | BBDRACS | 80 |
| 39,000 | 72,000 | 37,000 | F 16036 | BBDRACS | 80 |
| 39,000 | 72,000 | 37,000 | F 16110 | BBDRACS | 88 |
| 39,000 | 74,000 | 39,000 | F 16037 | BBDRACS | 80 |
| 39,000 | 75,000 | 37,000 | F 16038 | BBDRACS | 80 |
| 39,100 | 74,000 | 34,000 | N F 16205 | BBDRACS | 90 |
| 39,688 | 73,025 | 19,395 | U 399/U 360 L | U Series | 42 |
| 39,688 | 76,200 | 23,812 | 2789/2720 | TRBI | 18 |
| 39,688 | 76,200 | 23,812 | 2789/2729 | TRBI | 18 |
| 39,688 | 79,967 | 19,395 | U 399/U 365 L | U Series | 42 |
| 39,688 | 79,975 | 29,370 | 3386/3325 | TRBI | 18 |
| 39,688 | 80,167 | 29,370 | 3382/3320 | TRBI | 18 |


11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 39,688 | 80,167 | 29,370 | 3386/3320 | TRBI | 18 |
| 39,688 | 80,167 | 29,370 | F 15109 | TRBS | 34 |
| 39,688 | 90,488 | 39,688 | 4367 X/4335 | TRBI | 19 |
| 39,688 | - | 40,386 | CONE 4367 X | CONE | 46 |
| 39,688 | - | 40,386 | CONE F 15249 | CONE | 46 |
| 39,688 | - | 43,050 | N CONE F 15292 | CONE | 46 |
| 39,980 | 108,000 | 17,000/ 32,000 | F 16044 | BBDRACS | 82 |
| 39,987 | 90,975 | 32,000 | HM 204043/ HM 204010 | TRBI | 28 |
| 40,000 | 47,000 | 30,000 | HK 404730 | NRBHK | 118 |
| 40,000 | 57,000 | 24,000 | F 16189 | AIR | 96 |
| 40,000 | 60,000 | 3,000 | AXK 4060 | NRBAXK | 120 |
| 40,000 | 60,000 | 26,000 | N F 17060 K | NRBS | 124 |
| 40,000 | 62,000 | 20,625 | F 16103 | AIR | 96 |
| 40,000 | 62,000 | 24,000 | F 16102 | AIR | 96 |
| 40,000 | 62,000 | 20,600/ 24,000 | F 16190 | AIR | 96 |
| 40,000 | 68,000 | 15,000 | 6008 | BB | 61 |
| 40,000 | 68,000 | 15,000 | NU 1008 FM | CRB | 107 |
| 40,000 | 68,000 | 19,000 | 32008 XF | TRBM | 10 |
| 40,000 | 68,000 | 22,000 | 33008 F | TRBM | 12 |
| 40,000 | 72,000 | 37,000 | F 16039 | BBDRACS | 82 |
| 40,000 | 73,000 | 55,000 | F 15187 | TRBDR | 52 |
| 40,000 | 73,025 | 30,162 | 3879/3820 | TRBI | 18 |
| 40,000 | 74,000 | 36,000 | F 16080 | BBDRACS | 84 |
| 40,000 | 74,000 | 40,000 | F 16040 | BBDRACS | 82 |
| 40,000 | 74,000 | 40,000 | F 16089 | BBDRACS | 86 |
| 40,000 | 74,000 | 42,000 | F 16079 | BBDRACS | 84 |
| 40,000 | 74,000 | 34,000/ 36,000 | F 16091 | BBDRACS | 86 |
| 40,000 | 75,000 | 8,000 | N F 15310 | TRBF | 40 |
| 40,000 | 75,000 | 26,000 | 33108 F | TRBM | 12 |
| 40,000 | 75,000 | 37,000 | F 16055 | BBDRACS | 84 |
| 40,000 | 75,000 | 50,000 | F 15129 | TRBDR | 50 |
| 40,000 | 76,000 | 33,000 | F 16198 | BBDRACS | 90 |
| 40,000 | 76,040 | 38,000/ 41,000 | F 16041 | BBDRACS | 82 |
| 40,000 | 80,000 | 7,750 | 30208 BF | TRBF | 40 |
| 40,000 | 80,000 | 18,000 | 6208 | BB | 64 |
| 40,000 | 80,000 | 18,000 | NU 208 FMN | CRB | 106 |
| 40,000 | 80,000 | 18,000 | NU 208 FMN/C3 | CRB | 106 |
| 40,000 | 80,000 | 18,000 | QJ 208 FM | BB4PAC | 94 |
| 40,000 | 80,000 | 18,000 | QJ 208 FM/C3 | BB4PAC | 94 |
| 40,000 | 80,000 | 19,750 | 30208 F | TRBM | 8 |
| 40,000 | 80,000 | 21,000 | 344/332 | TRBI | 14 |
| 40,000 | 80,000 | 23,000 | 62208 | BB | 65 |
| 40,000 | 80,000 | 24,750 | 32208 F | TRBM | 10 |
| 40,000 | 80,000 | 30,200 | 3208 B 2RS/C3 | BBDRAC | 92 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 40,000 | 80,000 | 30,200 | F 16042 | BBDRACS | 82 |
| 40,000 | 80,000 | 32,000 | 33208 F | TRBM | 13 |
| 40,000 | 80,000 | 38,000 | F 15149 | TRBDR | 50 |
| 40,000 | 80,000 | 38,100 | F 16043 | BBDRACS | 82 |
| 40,000 | 80,000 | 34,000/ 36,000 | F 16090 | BBDRACS | 86 |
| 40,000 | 84,020 | 38,000 | F 16066 | BBDRACS | 84 |
| 40,000 | 84,060 | 39,700/ 38,800 | F 16108 | BBDRACS | 88 |
| 40,000 | 85,000 | 33,000 | JF 4049/ JF 4010 | TRBI | 19 |
| 40,000 | 90,000 | 10,250 | 30308/30308 B | TRBF | 40 |
| 40,000 | 90,000 | 23,000 | 6308 | BB | 67 |
| 40,000 | 90,000 | 23,000 | F 18051 | BBS | 74 |
| 40,000 | 90,000 | 23,000 | F 19006 | CRBS | 110 |
| 40,000 | 90,000 | 23,000 | F 19034 | CRBS | 112 |
| 40,000 | 90,000 | 23,000 | NJ 308 FM | CRB | 106 |
| 40,000 | 90,000 | 23,000 | NU 308 FM | CRB | 107 |
| 40,000 | 90,000 | 23,000 | NUP 308 FM | CRB | 107 |
| 40,000 | 90,000 | 23,000 | NUP 308 FM/C3 | CRB | 107 |
| 40,000 | 90,000 | 23,000 | NUP 308 FMNR/C3 | CRB | 107 |
| 40,000 | 90,000 | 23,000 | NUP 308 FP | CRB | 107 |
| 40,000 | 90,000 | 25,000 | F 19033 | CRBS | 112 |
| 40,000 | 90,000 | 25,250 | 30308 F | TRBM | 9 |
| 40,000 | 90,000 | 25,250 | 31308 F | TRBM | 9 |
| 40,000 | 90,000 | 28,750 | F 15117 | TRBS | 34 |
| 40,000 | 90,000 | 35,250 | 32308 BF | TRBM | 11 |
| 40,000 | 90,000 | 35,250 | 32308 C | TRBM | 11 |
| 40,000 | 90,000 | 35,250 | 32308 F | TRBM | 11 |
| 40,000 | 90,000 | 27,000/ 24,900 | F 19013 | CRBS | 110 |
| 40,000 | 94,000 | 26,000 | F 18050 | BBS | 74 |
| 40,000 | 110,000 | 27,000 | 6408 | BB | 69 |
| 40,000 | - | 29,000 | F 19065 | CRBS | 112 |
| 40,000 | - | 38,000 | CONE F 15150 A | CONE | 46 |
| 40,987 | 67,975 | 17,500 | F 15003 | TRBS | 32 |
| 40,987 | 67,975 | 17,500 | LM 300849/ LM 300811 | TRBI | 28 |
| 41,000 | 68,000 | 35,000/ 40,000 | F 15015 | TRBDR | 50 |
| 41,275 | 73,025 | 16,667 | 18590/18520 | TRBI | 22 |
| 41,275 | 73,431 | 19,558 | LM 501349/ LM 501310 | TRBI | 28 |
| 41,275 | 73,431 | 21,430 | LM 501349/ LM 501314 | TRBI | 28 |
| 41,275 | 76,200 | 7,292 | 11163/11300 B | TRBF | 40 |
| 41,275 | 76,200 | 18,009 | 11162/11300 | TRBI | 20 |
| 41,275 | 76,200 | 18,009 | 11163/11300 | TRBI | 20 |
| 41,275 | 76,200 | 22,225 | 24780/24720 | TRBI | 22 |
| 41,275 | 76,200 | 22,225 | 24781/24720 | TRBI | 22 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 41,275 | 76,200 | 25,400 | 24780/24721 | TRBI | 22 |
| 41,275 | 76,200 | 25,400 | 24781/24721 | TRBI | 22 |
| 41,275 | 79,375 | 23,812 | 26882 T/26822 | TRBI | 23 |
| 41,275 | 79,375 | 23,812 | 26882/26822 | TRBI | 23 |
| 41,275 | 80,000 | 21,000 | 336/332 | TRBI | 14 |
| 41,275 | 80,000 | 28,574 | 342 A/332 | TRBI | 14 |
| 41,275 | 80,167 | 25,400 | 26882/26820 | TRBI | 23 |
| 41,275 | 80,167 | 29,370 | 3384/3320 | TRBI | 18 |
| 41,275 | 82,550 | 26,543 | M 802048/ M 802011 | TRBI | 30 |
| 41,275 | 84,138 | 30,162 | 3577/3520 | TRBI | 18 |
| 41,275 | 85,725 | 30,162 | 3877/3820 | TRBI | 18 |
| 41,275 | 87,312 | 30,162 | 3577/3525 | TRBI | 18 |
| 41,275 | 87,312 | 30,162 | 3585/3525 | TRBI | 18 |
| 41,275 | 88,500 | 25,400 | 44162/44348 | TRBI | 25 |
| 41,275 | 88,500 | 26,988 | 419/414 | TRBI | 15 |
| 41,275 | 88,900 | 30,162 | HM 803146/ HM 803110 | TRBI | 30 |
| 41,275 | 88,900 | 30,163 | HM 803145/ HM 803110 | TRBI | 30 |
| 41,275 | 90,488 | 39,688 | 4388/4335 | TRBI | 19 |
| 41,275 | 93,662 | 31,750 | 49162/49368 | TRBI | 26 |
| 41,275 | 95,250 | 30,162 | HM 804840/ HM 804810 | TRBI | 30 |
| 41,275 | 95,250 | 30,958 | HM 903245/ HM 903210 | TRBI | 31 |
| 41,275 | 104,775 | 36,512 | 59162/59412 | TRBI | 26 |
| 41,500 | 66,000 | 16,000 | F 15004 | BBT | 100 |
| 41,529 | 72,619 | 21,433 | T 163 | TRBT | 56 |
| 41,530 | 72,200 | 21,400 | F 15064 | BBT | 100 |
| 42,000 | 50,000 | 30,000 | N F 17093 K | NRBS | 124 |
| 42,000 | 50,000 | 51,000 | N F 17033 K | NRBS | 122 |
| 42,000 | 75,000 | 37,000 | F 16045 | BBDRACS | 82 |
| 42,000 | 75,000 | 37,000 | F 16046 | BBDRACS | 82 |
| 42,000 | 76,000 | 23,812 | F 15112 | TRBS | 34 |
| 42,000 | 76,000 | 33,000 | F 16197 | BBDRACS | 90 |
| 42,000 | 76,000 | 39,000 | F 16194 | BBDRACS | 88 |
| 42,000 | 76,000 | 35,000/ 38,000 | F 16081 | BBDRACS | 84 |
| 42,000 | 76,000 | 37,000/ 40,000 | F 16195 | BBDRACS | 88 |
| 42,000 | 78,000 | 45,000 | F 16203 | BBDRACS | 90 |
| 42,000 | 80,000 | 36,000 | N F 16207 | BBDRACS | 90 |
| 42,000 | 80,000 | 37,000 | F 16107 | BBDRACS | 86 |
| 42,000 | 80,000 | 38,000 | F 15130 | TRBDR | 50 |
| 42,000 | 80,000 | 45,000 | F 16088 | BBDRACS | 86 |
| 42,000 | 80,030 | 42,000 | F 16074 | BBDRACS | 84 |
| 42,000 | 82,000 | 36,000 | F 16048 | BBDRACS | 82 |
| 42,000 | 82,000 | 40,000 | N F 15218 | TRBDR | 52 |
| 42,000 | 84,000 | 39,000 | F 16051 | BBDRACS | 82 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 42,000 | 92,075 | 24,607 | N F 15278 | TRBS | 38 |
| 42,000 | 100,000 | 15,250 | F 15026 | TRBF | 40 |
| 42,070 | 90,488 | 39,688 | 4395/4335 | TRBI | 19 |
| 42,070 | - | 40,386 | CONE 4395 | CONE | 46 |
| 42,862 | 82,931 | 23,812 | 25578/25520 | TRBI | 22 |
| 42,862 | 82,931 | 23,812 | 25578/25520 | TRBI | 23 |
| 42,862 | 82,931 | 26,988 | 25578/25523 | TRBI | 23 |
| 42,862 | 83,058 | 23,812 | 25578/25521 | TRBI | 23 |
| 42,862 | 83,058 | 23,876 | 25578/25522 | TRBI | 23 |
| 42,875 | 76,200 | 25,400 | 26884/26823 | TRBI | 23 |
| 42,875 | 82,931 | 23,812 | 25577/25520 | TRBI | 22 |
| 42,875 | 82,931 | 26,988 | 25577/25523 | TRBI | 23 |
| 42,875 | 83,058 | 23,812 | 25577/25521 | TRBI | 22 |
| 42,875 | 83,058 | 23,876 | 25577/25522 | TRBI | 23 |
| 43,000 | 76,000 | 43,000 | F 16196 | BBDRACS | 88 |
| 43,000 | 77,000 | 41,500/ 45,500 | F 15160 | TRBDR | 52 |
| 43,000 | 78,000 | 44,000 | F 16193 | BBDRACS | 88 |
| 43,000 | 79,000 | 38,000/ 41,000 | F 16052 | BBDRACS | 82 |
| 43,000 | 80,000 | 38,000 | F 16086 | BBDRACS | 86 |
| 43,000 | 82,000 | 45,000 | F 16078 | BBDRACS | 84 |
| 43,000 | 82,000 | 37,000 | F 16054 | BBDRACS | 82 |
| 43,000 | 82,000 | 37,000 | F 16118 | BBDRACS | 88 |
| 43,655 | - | - | 35 BC | TRBSt | 44 |
| 44,000 | 82,500 | 37,000 | F 16056 | BBDRACS | 84 |
| 44,450 | 82,931 | 23,812 | 25580/25520 | TRBI | 23 |
| 44,450 | 82,931 | 23,813 | 25581/25520 | TRBI | 23 |
| 44,450 | 82,931 | 26,988 | 25580/25523 | TRBI | 23 |
| 44,450 | 83,058 | 23,812 | 25580/25521 | TRBI | 23 |
| 44,450 | 83,058 | 23,876 | 25580/25522 | TRBI | 23 |
| 44,450 | 84,138 | 30,162 | 3578/3520 | TRBI | 18 |
| 44,450 | 85,000 | 20,638 | 355 X/354 X | TRBI | 14 |
| 44,450 | 85,000 | 20,638 | 355/354 X | TRBI | 14 |
| 44,450 | 87,312 | 30,162 | 3578/3525 | TRBI | 18 |
| 44,450 | 88,900 | 30,162 | HM 803149/ HM 803110 | TRBI | 30 |
| 44,450 | 90,119 | 23,000 | 355 X/352 | TRBI | 14 |
| 44,450 | 92,075 | 30,162 | HM 803149/ HM 803112 | TRBI | 30 |
| 44,450 | 93,264 | 30,162 | 3782/3720 | TRBI | 18 |
| 44,450 | 93,662 | 31,750 | 49175/49368 | TRBI | 26 |
| 44,450 | 95,250 | 27,783 | 33885/33822 | TRBI | 24 |
| 44,450 | 95,250 | 30,162 | HM 804843/ HM 804810 | TRBI | 30 |
| 44,450 | 95,250 | 30,958 | 53176/53375 | TRBI | 26 |
| 44,450 | 95,250 | 30,958 | 53177/53375 | TRBI | 26 |
| 44,450 | 95,250 | 30,958 | 53178/53377 | TRBI | 26 |


11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|---------|--------|-----------------------------|---|------|
| 44,450 | 95,250 | 30,958 | HM 903249/ HM 903210 | TRBI | 31 |
| 44,450 | 101,600 | 34,925 | 527/522 | TRBI | 16 |
| 44,450 | 104,775 | 36,512 | 59175/59412 | TRBI | 26 |
| 44,450 | 104,775 | 36,512 | HM 807040/ HM 807010 | TRBI | 30 |
| 44,450 | 107,950 | 36,512 | 535/532 X | TRBI | 16 |
| 44,450 | 111,125 | 30,162 | 55175 C/55437 | TRBI | 26 |
| 44,983 | 82,931 | 23,812 | 25584/25520 | TRBI | 23 |
| 44,983 | 83,058 | 23,813 | 25584/25521 | TRBI | 23 |
| 44,983 | 93,264 | 30,162 | 3776/3720 | TRBI | 18 |
| 44,983 | 99,995 | 25,400 | 25584/25547 RB | TRBI | 23 |
| 44,983 | 101,600 | 34,925 | 527 S/522 | TRBI | 16 |
| 44,983 | 112,712 | 34,512 | N F 15280 | TRBS | 38 |
| 44,987 | 79,975 | 24,000 | U 497/U 460 L | U Series | 42 |
| 44,987 | 82,931 | 23,812 | 25584 A/25520 | TRBI | 23 |
| 44,987 | 104,986 | 32,512 | HM 905843/ HM 905810 | TRBI | 31 |
| 44,990 | 84,070 | 39,000 | F 16084 | BBDRACS | 86 |
| 45,000 | 53,000 | 21,000 | N F 17054 K | NRBS | 122 |
| 45,000 | 57,000 | 21,000 | N F 17041 K | NRBS | 122 |
| 45,000 | 68,000 | 12,000 | 61909 | BB | 62 |
| 45,000 | 73,000 | 20,000 | T 177 | TRBT | 56 |
| 45,000 | 75,000 | 16,000 | 6009 | BB | 61 |
| 45,000 | 75,000 | 20,000 | 32009 XF | TRBM | 10 |
| 45,000 | 75,000 | 20,000 | 32009 XR | TRBM | 10 |
| 45,000 | 75,000 | 24,000 | 33009 F | TRBM | 12 |
| 45,000 | 80,000 | 26,000 | 33109 F | TRBM | 12 |
| 45,000 | 80,000 | 45,000 | F 16085 | BBDRACS | 86 |
| 45,000 | 84,000 | 39,000 | F 16059 | BBDRACS | 84 |
| 45,000 | 84,000 | 39,000 | F 16082 | BBDRACS | 86 |
| 45,000 | 85,000 | 19,000 | 6209 | BB | 64 |
| 45,000 | 85,000 | 19,000 | NU 209 FM | CRB | 106 |
| 45,000 | 85,000 | 19,000 | NU 209 FMN | CRB | 106 |
| 45,000 | 85,000 | 19,000 | NU 209 FMN/C3 | CRB | 106 |
| 45,000 | 85,000 | 19,000 | NUP 209 FM | CRB | 107 |
| 45,000 | 85,000 | 19,000 | QJ 209 FM | BB4PAC | 94 |
| 45,000 | 85,000 | 19,000 | QJ 209 FM/C3 | BB4PAC | 94 |
| 45,000 | 85,000 | 20,750 | 30209 F | TRBM | 8 |
| 45,000 | 85,000 | 23,000 | F 18009 | BBS | 72 |
| 45,000 | 85,000 | 24,750 | 32209 F | TRBM | 10 |
| 45,000 | 85,000 | 30,200 | F 16063 | BBDRACS | 84 |
| 45,000 | 85,000 | 32,000 | 33209 F | TRBM | 13 |
| 45,000 | 86,000 | 39,000 | F 16123 | BBDRACS | 88 |
| 45,000 | 86,000 | 39,000 | F 16128 | BBDRACS | 88 |
| 45,000 | 88,000 | 16,750 | N F 15314 | TRBS | 38 |
| 45,000 | 88,020 | 39,000 | F 16121 | BBDRACS | 88 |
| 45,000 | 90,000 | 9,000 | JHM 803148/ JHM 803113 B | TRBF | 40 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|-------------------------|---|------|
| 45,000 | 90,000 | 24,750 | 32210/45 F | TRBM | 10 |
| 45,000 | 95,000 | 29,000 | JW 4549/ JW 4510 | TRBI | 19 |
| 45,000 | 95,000 | 36,000 | JF 4549/JF 4510 | TRBI | 19 |
| 45,000 | 95,000 | 28,000/ 32,000 | F 19015 | CRBS | 110 |
| 45,000 | 100,000 | 25,000 | 6309 | BB | 67 |
| 45,000 | 100,000 | 25,000 | F 19002 | CRBS | 110 |
| 45,000 | 100,000 | 25,000 | F 19003 | CRBS | 110 |
| 45,000 | 100,000 | 25,000 | F 19044 | CRBS | 112 |
| 45,000 | 100,000 | 25,000 | N F 19085 | CRBS | 114 |
| 45,000 | 100,000 | 25,000 | NJ 309 FM | CRB | 106 |
| 45,000 | 100,000 | 25,000 | NU 309 FM | CRB | 107 |
| 45,000 | 100,000 | 25,000 | NU 309 FMNR/C3 | CRB | 107 |
| 45,000 | 100,000 | 25,000 | NUP 309 FM | CRB | 107 |
| 45,000 | 100,000 | 25,000 | NUP 309 FM/C3 | CRB | 107 |
| 45,000 | 100,000 | 25,000 | NUP 309 FMN | CRB | 107 |
| 45,000 | 100,000 | 25,000 | NUP 309 FN/C3 | CRB | 108 |
| 45,000 | 100,000 | 25,000 | NUP 309 FP | CRB | 108 |
| 45,000 | 100,000 | 25,000 | QJ 309 FM | BB4PAC | 94 |
| 45,000 | 100,000 | 25,000 | QJ 309 FM/C3 | BB4PAC | 94 |
| 45,000 | 100,000 | 27,250 | 30309 F | TRBM | 9 |
| 45,000 | 100,000 | 27,250 | 31309 F | TRBM | 9 |
| 45,000 | 100,000 | 31,000 | F 19063 | CRBS | 112 |
| 45,000 | 100,000 | 31,000 | F 19081 | CRBS | 114 |
| 45,000 | 100,000 | 36,000 | F 19001 | CRBS | 110 |
| 45,000 | 100,000 | 36,000 | F 19080 | CRBS | 114 |
| 45,000 | 100,000 | 38,250 | 32309 BF | TRBM | 11 |
| 45,000 | 100,000 | 38,250 | 32309 F | TRBM | 11 |
| 45,000 | 110,000 | 12,000 | F 15161 | TRBF | 40 |
| 45,000 | 115,000 | 53,000 | F 15154 | TRBDR | 50 |
| 45,000 | 120,000 | 29,000 | 6409 | BB | 69 |
| 45,000 | 120,000 | 84,900 | F 300006 | WM | 134 |
| 45,000 | - | 30,045 | CONE F 15132 | CONE | 46 |
| 45,230 | 79,985 | 19,842 | 17887/17831 | TRBI | 22 |
| 45,237 | 79,975 | 30,162 | 3586/3525 | TRBI | 18 |
| 45,242 | 73,431 | 19,558 | LM 102949/ LM 102910 | TRBI | 28 |
| 45,242 | 73,431 | 21,430 | LM 102949/ LM 102911 | TRBI | 28 |
| 45,242 | 77,788 | 19,842 | LM 603049/ LM 603011 | TRBI | 29 |
| 45,242 | 77,788 | 21,430 | LM 603049/ LM 603012 | TRBI | 29 |
| 45,242 | 79,975 | 19,842 | LM 603049/ LM 603014 | TRBI | 29 |
| 45,300 | 80,000 | 48,000 | F 15174 | TRBDR | 52 |
| 45,618 | 82,931 | 23,812 | 25590/25520 | TRBI | 23 |
| 45,618 | 82,931 | 26,988 | 25590/25523 | TRBI | 23 |
| 45,618 | 83,058 | 23,812 | 25590/25521 | TRBI | 23 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|--------|---------------------------|---|------|
| 45,618 | 83,058 | 23,876 | 25590/25522 | TRBI | 23 |
| 45,987 | 74,976 | 18,000 | LM 503349 A/ LM 503310 | TRBI | 29 |
| 45,987 | 74,976 | 18,000 | LM 503349/ LM 503310 | TRBI | 29 |
| 45,987 | - | 18,000 | CONE LM 503349 | CONE | 46 |
| 46,030 | 73,660 | 15,875 | F 18012 | BBC | 102 |
| 46,030 | 73,660 | 18,000 | F 18013 | BBC | 102 |
| 46,038 | 79,375 | 17,462 | 18690/18620 | TRBI | 22 |
| 46,038 | 85,000 | 20,638 | 359 A/354 X | TRBI | 14 |
| 46,038 | 85,000 | 20,638 | 359 S/354 X | TRBI | 14 |
| 46,279 | 82,956 | 23,812 | T 182 | TRBT | 56 |
| 47,000 | 81,000 | 53,000 | F 16199 | BBDRACS | 90 |
| 47,000 | 88,000 | 55,000 | N F 15268 | TRBDR | 52 |
| 47,625 | 88,900 | 20,638 | 369 A/362 A | TRBI | 14 |
| 47,625 | 88,900 | 20,638 | 369 S/362 A | TRBI | 14 |
| 47,625 | 88,900 | 25,400 | M 804048/M 804010 | TRBI | 30 |
| 47,625 | 88,900 | 25,400 | M 804049/M 804010 | TRBI | 30 |
| 47,625 | 90,000 | 20,000 | 369 A/363 | TRBI | 14 |
| 47,625 | 90,000 | 20,000 | 369 S/362 | TRBI | 14 |
| 47,625 | 90,000 | 20,000 | 369 S/363 | TRBI | 14 |
| 47,625 | 93,264 | 30,162 | 3778/3720 | TRBI | 18 |
| 47,625 | 93,264 | 30,162 | 3779/3720 | TRBI | 18 |
| 47,625 | 95,250 | 30,162 | HM 804846/ HM 804810 | TRBI | 30 |
| 47,625 | 96,838 | 21,000 | 386 A/382 A | TRBI | 14 |
| 47,625 | 101,600 | 34,925 | 528/522 | TRBI | 16 |
| 47,625 | 107,950 | 36,512 | 536/532 X | TRBI | 16 |
| 47,625 | 111,125 | 30,162 | 55187 C/55437 | TRBI | 26 |
| 47,625 | 123,825 | 36,512 | 72187/72487 | TRBI | 27 |
| 47,879 | 82,956 | 23,812 | N T 188 | TRBT | 56 |
| 49,000 | 84,000 | 43,000 | F 15167 | TRBDR | 52 |
| 49,000 | 84,000 | 48,000 | F 15068 | TRBDR | 50 |
| 49,000 | 84,000 | 48,000 | F 15168 | TRBDR | 52 |
| 49,000 | 88,000 | 46,000 | F 16109 | BBDRACS | 88 |
| 49,000 | 88,000 | 48,000 | N F 16208 | BBDRACS | 90 |
| 49,212 | 103,188 | 43,658 | 5395/5335 | TRBI | 19 |
| 49,212 | 104,775 | 36,512 | HM 807044/ HM 807010 | TRBI | 30 |
| 49,930 | 80,000 | 15,000 | F 19030 | CRBS | 112 |
| 49,987 | 89,980 | 24,750 | 28579/28520 | TRBI | 23 |
| 50,000 | 55,000 | 20,000 | N F 17045 K | NRBS | 122 |
| 50,000 | 56,010 | 43,700 | N F 17079 K | NRBS | 124 |
| 50,000 | 80,000 | 16,000 | 6010 | BB | 61 |
| 50,000 | 80,000 | 20,000 | 32010 XF | TRBM | 10 |
| 50,000 | 80,000 | 20,000 | 32010 XR | TRBM | 10 |
| 50,000 | 80,000 | 23,000 | 63010 | BB | 68 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------|---|------|
| 50,000 | 80,000 | 24,000 | 33010 F | TRBM | 12 |
| 50,000 | 82,000 | 21,500 | JLM 104945/ JLM 104910 | TRBI | 28 |
| 50,000 | 82,000 | 21,500 | JLM 104946/ JLM 104910 | TRBI | 28 |
| 45,000 | 100,000 | 25,000 | NU 309 FMN | CRB | 107 |
| 50,000 | 82,000 | 21,500 | JLM 104948/ JLM 104910 | TRBI | 28 |
| 50,000 | 82,550 | 21,500 | JLM 104948/ JLM 104911 | TRBI | 28 |
| 50,000 | 83,000 | 20,500 | F 15201 | TRBS | 36 |
| 50,000 | 84,000 | 22,000 | JLM 704649/ JLM 704610 | TRBI | 29 |
| 50,000 | 85,000 | 26,000 | 33110 F | TRBM | 12 |
| 50,000 | 90,000 | 8,750 | 30210 BF | TRBF | 40 |
| 50,000 | 90,000 | 20,000 | 6210 | BB | 64 |
| 50,000 | 90,000 | 20,000 | 365/362 | TRBI | 14 |
| 50,000 | 90,000 | 20,000 | F 18032 | BBS | 72 |
| 50,000 | 90,000 | 20,000 | F 18033 | BBS | 72 |
| 50,000 | 90,000 | 20,000 | F 18041 | BBS | 72 |
| 50,000 | 90,000 | 20,000 | NJ 210 FM | CRB | 106 |
| 50,000 | 90,000 | 20,000 | NJ 210 FM/C3 | CRB | 106 |
| 50,000 | 90,000 | 21,750 | 30210 F | TRBM | 8 |
| 50,000 | 90,000 | 23,000 | F 19026 | CRBS | 110 |
| 50,000 | 90,000 | 24,750 | 32210 F | TRBM | 10 |
| 50,000 | 90,000 | 28,000 | JM 205149 A/ JM 205110 | TRBI | 28 |
| 50,000 | 90,000 | 28,000 | JM 205149/ JM 205110 | TRBI | 28 |
| 50,000 | 90,000 | 30,200 | 3210 B 2RS/C3 | BBDRAC | 92 |
| 50,000 | 90,000 | 32,000 | 33210 F | TRBM | 13 |
| 50,000 | 90,000 | 40,000 | F 16202 | BBDRACS | 90 |
| 50,000 | 90,000 | 16,000/ 22,000 | F 18049 | BBS | 74 |
| 50,000 | 93,264 | 30,162 | F 15054/3720 | TRBS | 32 |
| 50,000 | 100,000 | 25,000 | F 19046 | CRBS | 112 |
| 50,000 | 100,000 | 36,000 | JF 5049/ JF 5010 | TRBI | 19 |
| 50,000 | 105,000 | 32,000 | JW 5049/ JW 5010 | TRBI | 19 |
| 50,000 | 105,000 | 37,000 | JHM 807045/ JHM 807012 | TRBI | 30 |
| 50,000 | 110,000 | 27,000 | 6310 | BB | 67 |
| 50,000 | 110,000 | 27,000 | NJ 310 FM | CRB | 106 |
| 50,000 | 110,000 | 27,000 | NU 310 F | CRB | 107 |
| 50,000 | 110,000 | 27,000 | NU 310 FM | CRB | 107 |
| 50,000 | 110,000 | 27,000 | NU 310 FM/C3 | CRB | 107 |
| 50,000 | 110,000 | 27,000 | NU 310 FMN/C3 | CRB | 107 |
| 50,000 | 110,000 | 27,000 | NUP 310 FM/C3 | CRB | 108 |
| 50,000 | 110,000 | 27,000 | NUP 310 FNR/C3 | CRB | 108 |
| 50,000 | 110,000 | 27,000 | NUP 310 FP | CRB | 108 |
| 50,000 | 110,000 | 29,250 | 30310 F | TRBM | 9 |


11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|------------------------------------|---|------|
| 50,000 | 110,000 | 29,250 | 31310 F | TRBM | 9 |
| 50,000 | 110,000 | 42,250 | 32310 F | TRBM | 11 |
| 50,000 | 110,000 | 32,300/ 27,000 | F 19070 | CRBS | 114 |
| 50,000 | 110,000 | 32,300/ 27,000 | F 19071 | CRBS | 114 |
| 50,000 | 130,000 | 31,000 | 6410 | BB | 69 |
| 50,000 | - | 41,000 | CONE F 15244 | CONE | 46 |
| 50,000 | - | 41,275 | CONE F 15113 | CONE | 46 |
| 50,800 | 82,000 | 21,976 | LM 104949/ JLM 104910 | TRBI | 28 |
| 50,800 | 82,550 | 21,590 | LM 104949/ LM 104911 | TRBI | 28 |
| 50,800 | 82,550 | 21,976 | LM 104949/ LM 104911 A | TRBI | 28 |
| 50,800 | 82,931 | 21,590 | LM 104949/ LM 104912 | TRBI | 28 |
| 50,800 | 85,000 | 17,462 | 18790/18720 | TRBI | 22 |
| 50,800 | 88,900 | 20,638 | 368 A/362 A | TRBI | 14 |
| 50,800 | 88,900 | 20,638 | 368/362 A | TRBI | 14 |
| 50,800 | 89,980 | 24,750 | 28580/28520 | TRBI | 24 |
| 50,800 | 90,000 | 25,000 | 368 A/362 X | TRBI | 14 |
| 50,800 | 92,075 | 24,608 | 28580/28521 | TRBI | 24 |
| 50,800 | 93,264 | 30,162 | N 3775/3720 | TRBI | 18 |
| 50,800 | 93,264 | 30,162 | 3780/3720 | TRBI | 18 |
| 50,800 | 93,264 | 30,162 | 3784/3720 | TRBI | 18 |
| 50,800 | 93,662 | 30,162 | 3784/3727 | TRBI | 18 |
| 50,800 | 93,662 | 30,162 | 3784/3727 | TRBI | 18 |
| 50,800 | 95,250 | 27,783 | 33889/33821 | TRBI | 24 |
| 50,800 | 95,250 | 27,783 | 33889/33822 | TRBI | 24 |
| 50,800 | 96,838 | 21,000 | 385 A/382 A | TRBI | 14 |
| 50,800 | 98,425 | 21,000 | 385 A/382 | TRBI | 14 |
| 50,800 | 99,995 | 24,607 | 28580/28527 RB | TRBI | 24 |
| 50,800 | 100,000 | 34,925 | 529/520 X1 | TRBI | 16 |
| 50,800 | 100,000 | 35,000 | F 15047 | TRBS | 32 |
| 50,800 | 101,600 | 31,750 | 49585/49520 | TRBI | 26 |
| 50,800 | 101,600 | 34,925 | 529 X/522 | TRBI | 16 |
| 50,800 | 101,600 | 34,925 | 529/522 | TRBI | 16 |
| 50,800 | 104,775 | 12,000 | F 15212 | TRBF | 40 |
| 50,800 | 104,775 | 12,000 | HM 807046/ HM 807010 BT | TRBF | 40 |
| 50,800 | 104,775 | 30,162 | 45284/45220 | TRBI | 25 |
| 50,800 | 104,775 | 30,162 | 45285 A/45220 | TRBI | 25 |
| 50,800 | 104,775 | 30,162 | 45285 A/45221 | TRBI | 25 |
| 50,800 | 104,775 | 30,162 | 455/453 X | TRBI | 15 |
| 50,800 | 104,775 | 36,512 | HM 807046/ HM 807010 | TRBI | 30 |
| 50,800 | 104,775 | 39,687 | 4580/4535 | TRBI | 19 |
| 50,800 | 107,950 | 36,512 | 537/532 X | TRBI | 16 |
| 50,800 | 109,538 | 22,225 | T 200 | TRBT | 56 |
| 50,800 | 109,538 | 22,225 | T 200 A | TRBT | 56 |


| d | D | T | Fersa |  | PAG. |
|--------|-------------------|--------|-------------------------------------|---|------|
| 50,800 | 111,125 | 30,162 | 55200 C/55437 | TRBI | 26 |
| 50,800 | 111,125 | 38,100 | 537/532 | TRBI | 16 |
| 50,800 | 120,650 | 41,275 | 619/612 | TRBI | 16 |
| 50,800 | 123,825 | 36,512 | 72200 C/72487 | TRBI | 27 |
| 51,000 | 91,000 | 44,000 | F 16076 | BBDRACS | 84 |
| 51,054 | 74,612 | 15,875 | T 199 | TRBT | 56 |
| 51,592 | 88,900 | 20,638 | 368 S/362 A | TRBI | 14 |
| 51,592 | 90,000 | 20,000 | 368 S/362 | TRBI | 14 |
| 52,388 | 92,075 | 24,608 | 28584/28521 | TRBI | 24 |
| 52,388 | 93,264 | 30,162 | 3767/3720 | TRBI | 18 |
| 52,388 | 95,250 | 27,783 | 33891/33821 | TRBI | 24 |
| 52,388 | 111,125 | 30,162 | 55206 C/55437 | TRBI | 26 |
| 52,400 | 83,800/ 89,000 | 20,300 | F 15057 | BBT | 100 |
| 52,400 | 86,000/ 91,000 | 20,550 | F 15031 | BBT | 100 |
| 53,975 | 88,900 | 19,050 | LM 806649/ LM 806610 | TRBI | 30 |
| 53,975 | 95,200 | 34,400 | N F 15295 | TRBS | 38 |
| 53,975 | 95,250 | 27,783 | 33895/33821 | TRBI | 24 |
| 53,975 | 95,250 | 27,783 | 33895/33822 | TRBI | 25 |
| 53,975 | 96,838 | 21,000 | 389 A/382 A | TRBI | 15 |
| 53,975 | 98,425 | 21,000 | 389 AS/382 | TRBI | 15 |
| 53,975 | 100,000 | 21,000 | 389 A/383 A | TRBI | 15 |
| 53,975 | 104,775 | 36,512 | HM 807049/ HM 807010 | TRBI | 30 |
| 53,975 | 107,950 | 36,512 | 539/532 X | TRBI | 16 |
| 53,975 | 111,125 | 38,100 | 539/532 A | TRBI | 16 |
| 53,975 | 123,825 | 36,512 | 72212 C/72487 | TRBI | 27 |
| 53,975 | 123,825 | 36,512 | 72212/72487 | TRBI | 27 |
| 53,975 | 127,000 | 50,800 | 6280/6220 | TRBI | 19 |
| 53,975 | 140,030 | 36,513 | N 78215 C/ 78551 | TRBI | 27 |
| 54,000 | 142,000 | 62,000 | F 15146 | TRBDR | 50 |
| 54,487 | 104,775 | 36,512 | HM 807048/ HM 807010 | TRBI | 30 |
| 54,988 | 111,125 | 38,100 | 538/532 | TRBI | 16 |
| 55,000 | 60,000 | 20,000 | N F 17046 K | NRBS | 122 |
| 55,000 | 80,000 | 17,000 | 32911 F | TRBM | 12 |
| 55,000 | 90,000 | 18,000 | 6011 | BB | 62 |
| 55,000 | 90,000 | 18,000 | NU 1011 FM | CRB | 107 |
| 55,000 | 90,000 | 23,000 | 32011 XF | TRBM | 10 |
| 55,000 | 90,000 | 23,000 | JLM 506849/ JLM 506810 | TRBI | 29 |
| 55,000 | 90,000 | 25,000 | JLM 506849 A/ JLM 506811 | TRBI | 29 |
| 55,000 | 90,000 | 27,000 | 33011 F | TRBM | 12 |
| 55,000 | 90,000 | 55,000 | N F 15302 | TRBDR | 52 |
| 55,000 | 90,000 | 60,000 | F 15121 | WH | 128 |
| 55,000 | 91,500 | 25,000 | F 15141 | BBC | 102 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|---------------|-------------------------------|---|------|
| 55,000 | 93,000 | 40,000/51,000 | F 15062 | TRBDR | 50 |
| 55,000 | 93,000 | 40,000/51,200 | F 15166 | TRBDR | 52 |
| 55,000 | 95,000 | 29,000 | JM 207049 A/ JM 207010 | TRBI | 28 |
| 55,000 | 95,000 | 29,000 | JM 207049/ JM 207010 | TRBI | 28 |
| 55,000 | 95,000 | 30,000 | 33111 F | TRBM | 13 |
| 55,000 | 96,838 | 21,000 | 385/382 A | TRBI | 14 |
| 55,000 | 98,425 | 21,000 | 385/382 | TRBI | 14 |
| 55,000 | 100,000 | 21,000 | 6211 | BB | 64 |
| 55,000 | 100,000 | 21,000 | N 211 FMNR/C4 | CRB | 106 |
| 55,000 | 100,000 | 21,000 | NUP 211 FM/C3 | CRB | 107 |
| 55,000 | 100,000 | 21,000 | QJ 211 FM | BB4PAC | 94 |
| 55,000 | 100,000 | 21,000 | QJ 211 FM/C3 | BB4PAC | 94 |
| 55,000 | 100,000 | 22,750 | 30211 F | TRBM | 8 |
| 55,000 | 100,000 | 26,750 | 32211 F | TRBM | 11 |
| 55,000 | 100,000 | 35,000 | 33211 F | TRBM | 13 |
| 55,000 | 110,000 | 42,250 | 32310/55 | TRBM | 11 |
| 55,000 | 115,000 | 34,000 | JW 5549/ JW 5510 | TRBI | 19 |
| 55,000 | 116,000 | 28,000 | F 18054 | BBS | 74 |
| 55,000 | 120,000 | 29,000 | 6311 | BB | 67 |
| 55,000 | 120,000 | 29,000 | F 18042 | BBS | 72 |
| 55,000 | 120,000 | 29,000 | N F 18056 | BBS | 74 |
| 55,000 | 120,000 | 29,000 | NUP 311 FMNR/C3 | CRB | 108 |
| 55,000 | 120,000 | 31,500 | 30311 F | TRBM | 9 |
| 55,000 | 120,000 | 31,500 | 31311 F | TRBM | 9 |
| 55,000 | 120,000 | 45,500 | 32311 F | TRBM | 11 |
| 55,000 | 140,000 | 33,000 | 6411 | BB | 69 |
| 55,000 | 140,000 | 45,000 | F 15256 | TRBS | 36 |
| 55,000 | - | 29,800 | CONE F 15111 | CONE | 46 |
| 55,000 | - | 29,800 | CONE F 15269 | CONE | 46 |
| 55,560 | 97,630 | 24,600 | N 28680/28622 | TRBI | 24 |
| 55,562 | 122,238 | 43,658 | 5566/5535 | TRBI | 19 |
| 55,562 | 127,000 | 36,512 | HM 813840/ HM813811 | TRBI | 31 |
| 57,150 | 96,838 | 21,000 | 387 A/382 A | TRBI | 14 |
| 57,150 | 96,838 | 21,000 | 387 AS/382 A | TRBI | 14 |
| 57,150 | 96,838 | 21,000 | 387/382 A | TRBI | 14 |
| 57,150 | 96,838 | 24,608 | 28682/28621 | TRBI | 24 |
| 57,150 | 96,838 | 25,400 | 387 A/382 S | TRBI | 14 |
| 57,150 | 96,838 | 25,400 | 387 AS/382 S | TRBI | 14 |
| 57,150 | 96,838 | 25,400 | 387 S/382 S | TRBI | 14 |
| 57,150 | 96,838 | 25,400 | 387/382 S | TRBI | 14 |
| 57,150 | 97,630 | 24,608 | 28682/28622 | TRBI | 24 |
| 57,150 | 98,425 | 21,000 | 387 A/382 | TRBI | 14 |
| 57,150 | 98,425 | 21,000 | 387 S/382 | TRBI | 14 |


| d | D | T | Fersa |  | PAG. |
|-----------------|---------|---------|-------------------------------|---|------|
| 57,150 | 98,425 | 21,000 | 387/382 | TRBI | 14 |
| 57,150 | 100,000 | 21,000 | 387 A/383 A | TRBI | 14 |
| 57,150 | 100,000 | 21,000 | 387 S/383 A | TRBI | 15 |
| 57,150 | 104,775 | 30,162 | 45289/45220 | TRBI | 25 |
| 57,150 | 104,775 | 30,162 | 462 A/453 X | TRBI | 15 |
| 57,150 | 104,775 | 30,162 | 462/453 X | TRBI | 15 |
| 57,150 | 104,775 | 30,162 | 469/453 X | TRBI | 15 |
| 57,150 | 107,950 | 27,783 | 469/453 A | TRBI | 15 |
| 57,150 | 110,000 | 22,000 | 390/394 A | TRBI | 15 |
| 57,150 | 112,712 | 30,162 | 39580/39520 | TRBI | 25 |
| 57,150 | 112,712 | 30,162 | 39581/39520 | TRBI | 25 |
| 57,150 | 112,712 | 30,162 | 3979/3920 | TRBI | 19 |
| 57,150 | 119,985 | 32,750 | 39580/39528 | TRBI | 25 |
| 57,150 | 123,825 | 38,100 | 555 S/552 A | TRBI | 16 |
| 57,150 | 140,030 | 36,513 | 78225 C/78551 | TRBI | 27 |
| 57,165 | 140,000 | 28,250 | F 15133 | TRBS | 34 |
| 57,500 | 90,000 | 23,000 | 32011 X 57,5/32011 XF | TRBM | 10 |
| 57,531 | 98,425 | 21,000 | 388 A/382 | TRBI | 15 |
| 57,800 / 58,000 | 110,000 | 115,000 | F 200015 | WK | 130 |
| 59,972 | 122,238 | 33,338 | 66589/66520 | TRBI | 26 |
| 59,987 | 130,175 | 34,100 | HM 911244/ HM 911210 | TRBI | 31 |
| 59,987 | 134,983 | 33,449 | HM 911244/ HM 911216 | TRBI | 31 |
| 60,000 | 68,000 | 32,000 | N F 17056 K | NRBS | 122 |
| 60,000 | 68,000 | 39,000 | N F 17061 K | NRBS | 124 |
| 60,000 | 68,000 | 40,000 | N F 17090 K | NRBS | 124 |
| 60,000 | 68,000 | 41,700 | N F 17059 K | NRBS | 124 |
| 60,000 | 92,500 | 23,000 | F 15007 | TRBS | 32 |
| 60,000 | 95,000 | 18,000 | 6012 | BB | 62 |
| 60,000 | 95,000 | 23,000 | 32012 XF | TRBM | 10 |
| 60,000 | 95,000 | 24,000 | JLM 508748/ JLM 508710 | TRBI | 29 |
| 60,000 | 95,000 | 27,000 | 33012 F | TRBM | 12 |
| 60,000 | 95,000 | 27,000 | F 15088 | TRBS | 34 |
| 60,000 | 96,500 | 25,600 | F 15140 | BBC | 102 |
| 60,000 | 96,500 | 29,600 | F 15139 | BBC | 102 |
| 60,000 | 100,000 | 30,000 | 33112 F | TRBM | 13 |
| 60,000 | 100,000 | 30,000 | F 15258 | TRBS | 38 |
| 60,000 | 108,000 | 75,000 | F 15120 | WH | 128 |
| 60,000 | 110,000 | 22,000 | 6212 | BB | 64 |
| 60,000 | 110,000 | 22,000 | F 19011 | CRBS | 110 |
| 60,000 | 110,000 | 22,000 | N F 19088 | CRBS | 114 |
| 60,000 | 110,000 | 22,000 | NUP 212 FM | CRB | 107 |
| 60,000 | 110,000 | 22,000 | QJ 212 FM | BB4PAC | 94 |
| 60,000 | 110,000 | 22,000 | QJ 212 FM/C3 | BB4PAC | 94 |
| 60,000 | 110,000 | 23,750 | 30212 F | TRBM | 8 |
| 60,000 | 110,000 | 28,000 | 62212 | BB | 65 |

11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|---------|---------|---------------------------------|---|------|
| 60,000 | 110,000 | 28,000 | F 19042 | CRBS | 112 |
| 60,000 | 110,000 | 28,000 | NUP 2212 FM/C3 | CRB | 108 |
| 60,000 | 110,000 | 28,000 | NUP 2212 FMNR/C3 | CRB | 108 |
| 60,000 | 110,000 | 28,000 | NUP 2212 FP/C3 | CRB | 108 |
| 60,000 | 110,000 | 29,750 | 32212 F | TRBM | 11 |
| 60,000 | 110,000 | 36,500 | 3212 B 2RS/C3 | BBDRAC | 92 |
| 60,000 | 110,000 | 38,000 | 33212 F | TRBM | 13 |
| 60,000 | 112,000 | 33,000 | F 15005 | BBC | 102 |
| 60,000 | 115,000 | 39,000 | N F 15273 | TRBS | 38 |
| 60,000 | 115,000 | 40,000 | JF 6049/ JF 6010 | TRBI | 19 |
| 60,000 | 116,000 | 28,000 | F 19047 | CRBS | 112 |
| 60,000 | 120,000 | 29,795 | 476/472 | TRBI | 15 |
| 60,000 | 125,000 | 37,000 | N F 15270 | TRBS | 38 |
| 60,000 | 125,000 | 37,000 | JW 6049/ JW 6010 | TRBI | 19 |
| 60,000 | 130,000 | 12,250 | F 15192 | TRBF | 40 |
| 60,000 | 130,000 | 31,000 | 6312 | BB | 68 |
| 60,000 | 130,000 | 31,000 | N F 18055 | BBS | 74 |
| 60,000 | 130,000 | 31,000 | F 19009 | CRBS | 110 |
| 60,000 | 130,000 | 31,000 | NUP 312 FMNR/C3 | CRB | 108 |
| 60,000 | 130,000 | 33,500 | 30312 F | TRBM | 9 |
| 60,000 | 130,000 | 33,500 | 31312 F | TRBM | 9 |
| 60,000 | 130,000 | 33,800 | F 15245 | TRBS | 36 |
| 60,000 | 130,000 | 35,250 | N F 15298 | TRBS | 38 |
| 60,000 | 130,000 | 39,000 | F 15046 | TRBS | 32 |
| 60,000 | 130,000 | 48,500 | 32312 BF | TRBM | 11 |
| 60,000 | 130,000 | 48,500 | 32312 F | TRBM | 11 |
| 60,000 | 135,000 | 37,000 | F 15158 | TRBS | 34 |
| 60,000 | 150,000 | 35,000 | 6412 | BB | 70 |
| 60,000 | 150,000 | 51,000 | F 15255 | TRBS | 36 |
| 60,000 | 168,000 | 102,000 | F 300007 | WM | 134 |
| 60,325 | 100,000 | 25,400 | 28985/28921 | TRBI | 24 |
| 60,325 | 101,600 | 25,400 | 28985/28920 | TRBI | 24 |
| 60,325 | 112,712 | 30,162 | 3980/3920 | TRBI | 19 |
| 60,325 | 122,238 | 38,100 | HM 212044/ HM 212011 | TRBI | 28 |
| 60,325 | 127,000 | 16,670 | 65237/65500 B | TRBF | 40 |
| 60,325 | 127,000 | 36,512 | HM 813841/ HM 813810 | TRBI | 31 |
| 60,325 | 127,000 | 36,512 | HM 813841/ HM 813811 | TRBI | 31 |
| 60,325 | 127,000 | 44,450 | 65237/65500 | TRBI | 26 |
| 60,325 | 130,175 | 36,512 | HM 911245/ HM 911210 | TRBI | 31 |
| 60,325 | 136,525 | 46,038 | H 715332/ H 715311 | TRBI | 29 |
| 61,912 | 110,000 | 22,000 | 392/394 A | TRBI | 15 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|--------|-------------------------------------|---|------|
| 61,912 | 127,000 | 36,512 | HM 813843/ HM 813810 | TRBI | 31 |
| 61,912 | 136,525 | 46,038 | H 715334/ H 715311 | TRBI | 29 |
| 61,912 | 146,050 | 41,275 | H 913842/ H 913810 | TRBI | 31 |
| 61,912 | 146,050 | 41,275 | H 913843/ H 913810 | TRBI | 31 |
| 62,000 | 70,000 | 37,000 | N F 17052 K | NRBS | 122 |
| 62,000 | 122,238 | 43,658 | 5566/62-5535 | TRBI | 19 |
| 62,000 | 122,238 | 43,658 | F 15008/F 15009 | TRBS | 32 |
| 62,000 | 147,000 | 50,000 | F 15184 | TRBS | 36 |
| 63,000 | 71,000 | 50,800 | N F 17089 K | NRBS | 124 |
| 63,000 | - | 34,800 | F 19016 | CRBS | 110 |
| 63,000 | - | 37,500 | F 19038 | CRBS | 112 |
| 63,485 | 94,975 | 17,000 | L 910349/ L 910310 | TRBI | 31 |
| 63,500 | 100,000 | 23,000 | F 18040 | BBC | 102 |
| 63,500 | 102,000 | 20,570 | F 18031 | BBC | 102 |
| 63,500 | 103,000 | 21,400 | F 15118 | BBC | 102 |
| 63,500 | 104,775 | 21,433 | 39250/39412 | TRBI | 25 |
| 63,500 | 107,950 | 25,400 | 29585/29520 | TRBI | 24 |
| 63,500 | 107,950 | 25,400 | 29586/29520 | TRBI | 24 |
| 63,500 | 107,950 | 25,400 | 29586/29522 | TRBI | 24 |
| 63,500 | 107,950 | 25,400 | N F 15304 | TRBS | 38 |
| 63,500 | 110,000 | 22,000 | 395/394 A | TRBI | 15 |
| 63,500 | 110,000 | 30,162 | 3982/3927 X | TRBI | 19 |
| 63,500 | 112,712 | 30,162 | 39585/39520 | TRBI | 25 |
| 63,500 | 112,712 | 30,162 | 3982/3920 | TRBI | 19 |
| 63,500 | 122,238 | 38,100 | HM 212047/ HM 212011 | TRBI | 28 |
| 63,500 | 123,825 | 38,100 | 559/552 A | TRBI | 16 |
| 63,500 | 127,000 | 36,512 | HM 813842/ HM 813810 | TRBI | 31 |
| 63,500 | 136,525 | 46,038 | H 715336/ H 715311 | TRBI | 29 |
| 63,500 | 99,900 | 23,000 | F 15058 | BBT | 100 |
| 65,000 | 70,000 | 20,000 | N F 17043 K | NRBS | 122 |
| 65,000 | 96,500 | 22,500 | F 15209 | BBC | 102 |
| 65,000 | 100,000 | 18,000 | 6013 | BB | 62 |
| 65,000 | 100,000 | 23,000 | 32013 XF | TRBM | 10 |
| 65,000 | 100,000 | 27,000 | 33013 F | TRBM | 12 |
| 65,000 | 101,700 | 21,750 | F 15211 | BBC | 102 |
| 65,000 | 105,000 | 24,000 | JLM 710949 C/ JLM 710910 | TRBI | 29 |
| 65,000 | 110,000 | 13,000 | 33113 B | TRBF | 40 |
| 65,000 | 110,000 | 28,000 | JM 511945/ JM 511910 | TRBI | 29 |
| 65,000 | 110,000 | 28,000 | JM 511946/ JM 511910 | TRBI | 29 |


| d | D | T | Fersa |  | PAG. |
|--------|---------------------|--------|---------------------------------|---|------|
| 65,000 | 110,000 | 31,000 | JD 6549/ JD 6510 | TRBI | 19 |
| 65,000 | 110,000 | 34,000 | 33113 F | TRBM | 13 |
| 65,000 | 112,712 | 29,020 | JM 511945/3920 | TRBI | 29 |
| 65,000 | 120,000 | 23,000 | 6213 | BB | 64 |
| 65,000 | 120,000 | 23,000 | NUP 213 FPNR/C3 | CRB | 107 |
| 65,000 | 120,000 | 24,750 | 30213 F | TRBM | 8 |
| 65,000 | 120,000 | 32,750 | 32213 F | TRBM | 11 |
| 65,000 | 120,000 | 39,000 | JH 211749/ JH 211710 | TRBI | 28 |
| 65,000 | 120,000 | 41,000 | 33213 F | TRBM | 13 |
| 65,000 | 140,000 | 33,000 | 6313 | BB | 68 |
| 65,000 | 140,000 | 33,000 | F 19064 | CRBS | 112 |
| 65,000 | 140,000 | 33,350 | F 19010 | CRBS | 110 |
| 65,000 | 140,000 | 36,000 | 30313 F | TRBM | 9 |
| 65,000 | 140,000 | 36,000 | 31313 F | TRBM | 9 |
| 65,000 | 140,000 | 51,000 | 32313 BF | TRBM | 11 |
| 65,000 | 140,000 | 51,000 | 32313 F | TRBM | 11 |
| 65,000 | 145,000 | 36,000 | F 15082 | TRBS | 34 |
| 65,000 | 145,000 | 39,500 | F 15083 | TRBS | 34 |
| 65,000 | 147,100 | 13,500 | F 15265 | TRBF | 40 |
| 65,000 | 150,000 | 38,000 | F 15119 | TRBS | 34 |
| 65,000 | 152,000 | 48,000 | F 15253 | TRBS | 36 |
| 65,000 | 160,000 | 37,000 | 6413 | BB | 70 |
| 65,000 | 165,000 | 36,000 | F 15183 | TRBS | 36 |
| 65,000 | 165,000 | 40,000 | F 15159 | TRBS | 36 |
| 65,000 | - | 31,000 | CONE F 15134 | CONE | 46 |
| 65,000 | - | 34,000 | CONE 33113 F | CONE | 46 |
| 65,000 | 111,700/ 113,600 | 22,100 | F 15060 | BBT | 100 |
| 65,088 | 135,755 | 53,975 | 6379/6320 | TRBI | 19 |
| 65,088 | 136,525 | 46,038 | H 715340/ H 715311 | TRBI | 29 |
| 65,987 | 123,975 | 41,500 | H 212749/ H 212710 | TRBI | 28 |
| 66,675 | 107,950 | 25,400 | 29590/29520 | TRBI | 24 |
| 66,675 | 107,950 | 25,400 | 29590/29522 | TRBI | 24 |
| 66,675 | 110,000 | 22,000 | 395 A/394 A | TRBI | 15 |
| 66,675 | 110,000 | 22,000 | 395 S/394 A | TRBI | 15 |
| 66,675 | 110,000 | 30,162 | 3994/3927 X | TRBI | 19 |
| 66,675 | 112,712 | 30,162 | 39590/39520 | TRBI | 25 |
| 66,675 | 112,712 | 30,162 | 3984/3920 | TRBI | 19 |
| 66,675 | 112,712 | 30,162 | 3984/3925 | TRBI | 19 |
| 66,675 | 112,712 | 30,162 | 3994/3920 | TRBI | 19 |
| 66,675 | 117,475 | 30,162 | 33262/33462 | TRBI | 24 |
| 66,675 | 117,475 | 30,163 | 33262 A/33461 | TRBI | 24 |
| 66,675 | 122,238 | 38,100 | HM 212049/ HM 212010 | TRBI | 28 |
| 66,675 | 122,238 | 38,100 | HM 212049/ HM 212011 | TRBI | 28 |


| d | D | T | Fersa |  | PAG. |
|--------------------|---------------------|---------|-----------------------------------|---|------|
| 66,675 | 130,175 | 41,275 | 641/633 | TRBI | 17 |
| 66,675 | 135,755 | 53,975 | 6386/6320 | TRBI | 19 |
| 66,675 | 136,525 | 41,275 | 641/632 | TRBI | 17 |
| 66,675 | 136,525 | 41,275 | H 414242/ H 414210 | TRBI | 28 |
| 66,675 | 136,525 | 46,038 | H 715341/ H 715311 | TRBI | 29 |
| 67,000 | 75,000 | 37,000 | N F 17057 K | NRBS | 124 |
| 67,000 | 75,000 | 44,000 | N F 17058 K | NRBS | 124 |
| 67,000 | - | 32,000 | F 19061 | CRBS | 112 |
| 67,000 | - | 38,000 | F 19062 | CRBS | 112 |
| 68,000 / 68,200 | 125,000 | 115,000 | F 200013 | WK | 130 |
| 68,000 / 68,200 | 127,000/ 132,000 | 115,000 | F 15097 | WH | 128 |
| 68,262 | 110,000 | 22,000 | 399 A/394 A | TRBI | 15 |
| 68,262 | 110,000 | 22,000 | 399 AS/394 A | TRBI | 15 |
| 68,262 | 115,000 | 30,162 | F 10053 | TRBS | 32 |
| 68,262 | 136,525 | 41,275 | H 414245 X/ H 414210 | TRBI | 28 |
| 68,262 | 136,525 | 46,038 | H 715343/ H 715311 | TRBI | 29 |
| 68,262 | 161,925 | 49,212 | 9278/9220 | TRBI | 19 |
| 69,800 / 70,000 | 125,000 | 114,000 | F 200016 | WK | 130 |
| 69,800 / 70,000 | 119,700 / 124,7 | 110,500 | N F 200019 | WK | 132 |
| 69,840 | 112,200/ 113,800 | 22,100 | F 15059 | BBT | 100 |
| 69,850 | 101,600 | 19,050 | L 713049/ L 713010 | TRBI | 29 |
| 69,850 | 112,712 | 25,400 | 29675/29620 | TRBI | 24 |
| 69,850 | 117,475 | 30,162 | 33275/33462 | TRBI | 24 |
| 69,850 | 120,000 | 29,002 | 482/472 A | TRBI | 15 |
| 69,850 | 120,000 | 29,794 | 33275/33472 | TRBI | 24 |
| 69,850 | 120,000 | 29,795 | 482/472 | TRBI | 15 |
| 69,850 | 120,000 | 32,545 | 47487/47420 | TRBI | 25 |
| 69,850 | 120,000 | 46,751 | 482 E/472 | TRBI | 15 |
| 69,850 | 123,825 | 30,162 | 482/472 X | TRBI | 15 |
| 69,850 | 127,000 | 36,512 | 566/563 | TRBI | 16 |
| 69,850 | 136,525 | 41,275 | 643/632 | TRBI | 17 |
| 69,850 | 146,050 | 41,275 | H 913849/ H 913810 | TRBI | 31 |
| 70,000 | 76,000 | 20,000 | N F 17044 K | NRBS | 122 |
| 70,000 | 78,000 | 37,000 | N F 17053 K | NRBS | 122 |
| 70,000 | 110,000 | 20,000 | 6014 | BB | 62 |
| 70,000 | 110,000 | 20,000 | NJ 1014 | CRB | 106 |
| 70,000 | 110,000 | 25,000 | 32014 XF | TRBM | 10 |
| 70,000 | 110,000 | 26,000 | JLM 813049/ JLM 813010 | TRBI | 31 |
| 70,000 | 110,000 | 31,000 | 33014 F | TRBM | 12 |
| 70,000 | 115,000 | 29,000 | JM 612949/ JM 612910 | TRBI | 29 |


11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------|---------|---------|---------------------------------|---|------|
| 70,000 | 120,000 | 29,002 | 484/472 A | TRBI | 15 |
| 70,000 | 120,000 | 29,795 | 484/472 | TRBI | 15 |
| 70,000 | 120,000 | 37,000 | 33114 F | TRBM | 13 |
| 70,000 | 120,000 | 60,000 | F 15030 | TRBDR | 50 |
| 70,000 | 125,000 | 24,000 | 6214 | BB | 64 |
| 70,000 | 125,000 | 26,250 | 30214 F | TRBM | 8 |
| 70,000 | 125,000 | 33,250 | 32214 F | TRBM | 11 |
| 70,000 | 125,000 | 41,000 | 33214 F | TRBM | 13 |
| 70,000 | 130,000 | 43,000 | JF 7049 A/ JF 7010 | TRBI | 19 |
| 70,000 | 130,000 | 43,000 | JF 7049/ JF 7010 | TRBI | 19 |
| 70,000 | 130,000 | 57,000 | F 15051 C | TRBS | 32 |
| 70,000 | 130,000 | 57,000 | F 15051 R | TRBS | 32 |
| 70,000 | 140,000 | 26,000 | F 18053 | BBS | 74 |
| 70,000 | 140,000 | 39,000 | JW 7049/ JW 7010 | TRBI | 19 |
| 70,000 | 150,000 | 35,000 | 6314 | BB | 68 |
| 70,000 | 150,000 | 35,000 | NUP 314 FM/C3 | CRB | 108 |
| 70,000 | 150,000 | 35,000 | NUP 314 FMNR/C3 | CRB | 108 |
| 70,000 | 150,000 | 38,000 | 30314 F | TRBM | 9 |
| 70,000 | 150,000 | 38,000 | 31314 F | TRBM | 9 |
| 70,000 | 150,000 | 39,800 | F 15116 | TRBS | 34 |
| 70,000 | 150,000 | 41,275 | F 15114 | TRBS | 34 |
| 70,000 | 150,000 | 54,000 | 32314 BF | TRBM | 12 |
| 70,000 | 150,000 | 54,000 | 32314 F | TRBM | 12 |
| 70,000 | 150,000 | 64,000 | F 15193 | TRBS | 36 |
| 70,000 | 150,000 | 74,000 | N F 15271 | TRBS | 38 |
| 70,000 | 165,000 | 57,000 | F 15254 | TRBS | 36 |
| 70,000 | 180,000 | 42,000 | 6414 | BB | 70 |
| 70,000 | 195,000 | 110,000 | N F 300003 | WM | 134 |
| 70,000 | 196,000 | 140,000 | F 300005 | WM | 134 |
| 71,438 | 117,475 | 30,162 | 33281/33462 | TRBI | 24 |
| 71,438 | 120,000 | 29,794 | 33281/33472 | TRBI | 24 |
| 71,438 | 120,000 | 32,545 | 47490/47420 | TRBI | 25 |
| 71,438 | 127,000 | 36,512 | HM 813849/ HM 813810 | TRBI | 31 |
| 71,438 | 127,000 | 36,512 | HM 813849/ HM 813811 | TRBI | 31 |
| 71,438 | 136,525 | 41,275 | 644/632 | TRBI | 17 |
| 71,438 | 136,525 | 41,275 | 645/632 | TRBI | 17 |
| 71,438 | 136,525 | 46,038 | H 715345/ H 715311 | TRBI | 29 |
| 72,000 | 80,000 | 29,800 | N F 17077 K | NRBS | 124 |
| 72,000 | 80,000 | 40,000 | N F 17076 K | NRBS | 124 |
| 73,025 | 112,712 | 25,400 | 29685/29620 | TRBI | 24 |
| 73,025 | 117,475 | 30,162 | 33287/33462 | TRBI | 24 |
| 73,025 | 120,000 | 29,794 | 33287/33472 | TRBI | 24 |
| 73,025 | 125,412 | 25,400 | 27680/27620 | TRBI | 23 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|--------|-----------------------------------|---|------|
| 73,025 | 127,000 | 36,512 | 567 X/563 | TRBI | 16 |
| 73,025 | 127,000 | 36,512 | 567/563 | TRBI | 16 |
| 73,025 | 139,992 | 36,512 | 576/572 | TRBI | 16 |
| 73,817 | 112,712 | 25,400 | 29688/29620 | TRBI | 24 |
| 73,817 | 127,000 | 36,512 | 568/563 | TRBI | 16 |
| 75,000 | 83,000 | 23,000 | N F 17063 K | NRBS | 124 |
| 75,000 | 83,000 | 35,000 | N F 17062 K | NRBS | 124 |
| 75,000 | 83,000 | 40,000 | N F 17064 K | NRBS | 124 |
| 75,000 | 83,000 | 48,000 | N F 17097 K | NRBS | 124 |
| 75,000 | 83,000 | 55,000 | N F 17031 K | NRBS | 122 |
| 75,000 | 115,000 | 20,000 | 6015 | BB | 62 |
| 75,000 | 115,000 | 25,000 | 32015 XF | TRBM | 10 |
| 75,000 | 115,000 | 25,000 | JLM 714149/ JLM 714110 | TRBI | 29 |
| 75,000 | 115,000 | 31,000 | 33015 F | TRBM | 12 |
| 75,000 | 117,000 | 32,000 | F 15070 | BBC | 102 |
| 75,000 | 120,000 | 31,000 | JM 714249/ JM 714210 | TRBI | 29 |
| 75,000 | 125,000 | 37,000 | 33115 F | TRBM | 13 |
| 75,000 | 130,000 | 25,000 | 6215 | BB | 65 |
| 75,000 | 130,000 | 25,000 | NJ 215 F/C3 | CRB | 106 |
| 75,000 | 130,000 | 25,000 | NJ 215 FP/C3 | CRB | 106 |
| 75,000 | 130,000 | 27,250 | 30215 F | TRBM | 8 |
| 75,000 | 130,000 | 31,000 | NU 2215 FM | CRB | 107 |
| 75,000 | 130,000 | 33,250 | 32215 F | TRBM | 11 |
| 75,000 | 130,000 | 41,000 | 33215 F | TRBM | 13 |
| 75,000 | 130,000 | 47,250 | XUA 32215/ Y32215 | TRBM | 11 |
| 75,000 | 140,000 | 34,250 | F 15190 | TRBS | 36 |
| 75,000 | 145,000 | 51,000 | JH 415647/ JH 415610 | TRBI | 28 |
| 75,000 | 160,000 | 37,000 | 6315 | BB | 68 |
| 75,000 | 160,000 | 40,000 | 30315 F | TRBM | 9 |
| 75,000 | 160,000 | 40,000 | 31315 F | TRBM | 9 |
| 75,000 | 160,000 | 55,000 | N NJ 2315 FM/C4 | CRB | 106 |
| 75,000 | 160,000 | 58,000 | 32315 F | TRBM | 12 |
| 75,000 | 160,000 | 58,000 | F 15071 | TRBS | 34 |
| 75,000 | 180,000 | 63,500 | F 15048 | TRBS | 32 |
| 75,000 | 190,000 | 45,000 | 6415 | BB | 70 |
| 75,987 | 131,975 | 39,000 | HM 215249/ HM 215210 | TRBI | 28 |
| 76,200 | 109,538 | 19,050 | L 814749/ L 814710 | TRBI | 31 |
| 76,200 | 110,000 | 19,050 | L 814749/ F 15010 | TRBS | 32 |
| 76,200 | 121,442 | 11,907 | 34300/34478 B | TRBF | 40 |
| 76,200 | 121,442 | 24,608 | 34300/34478 | TRBI | 25 |
| 76,200 | 127,000 | 26,988 | 34300/34500 | TRBI | 25 |
| 76,200 | 127,000 | 26,988 | 34301/34500 | TRBI | 25 |
| 76,200 | 127,000 | 30,162 | 42688/42620 | TRBI | 25 |


| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|---------------------------------|---|------|
| 76,200 | 133,350 | 30,162 | 495 A/492 A | TRBI | 15 |
| 76,200 | 136,525 | 30,162 | 495 A/493 | TRBI | 15 |
| 76,200 | 139,700 | 36,512 | 575/572 X | TRBI | 16 |
| 76,200 | 139,982 | 35,250 | 575/572 A | TRBI | 16 |
| 76,200 | 139,992 | 36,512 | 575/572 | TRBI | 16 |
| 76,200 | 146,050 | 41,275 | 659/653 | TRBI | 17 |
| 76,200 | 149,220 | 53,970 | N 6461 A/6420 | TRBI | 19 |
| 76,200 | 149,225 | 53,975 | 6461/6420 | TRBI | 19 |
| 76,200 | 150,089 | 44,450 | 748 S/742 | TRBI | 17 |
| 76,200 | 161,925 | 49,212 | 9285/9220 | TRBI | 20 |
| 76,200 | 171,450 | 49,212 | N F 15291 | TRBS | 38 |
| 77,000 | 101,000 | 29,200 | N F 19087 | CRBS | 114 |
| 77,000 | 127,990 | 30,600 | L 29002/ L 33492 | TRBF | 40 |
| 77,000 | 128,064 | 37,600 | L 29002/ L 29001 | TRBF | 40 |
| 77,788 | 121,442 | 24,608 | 34306/34478 | TRBI | 25 |
| 78,000 | 86,000 | 35,000 | N F 17032 K | NRBS | 122 |
| 78,000 | 110,000 | 8,700 | F 15224 | BBC | 102 |
| 78,000 | 130,000 | 90,000 | F 15125 | WH | 128 |
| 78,000 | 130,000 | 90,500 | F 15127 | WH | 128 |
| 80,000 | 110,000 | 16,000 | F 18052 | BBS | 74 |
| 80,000 | 125,000 | 22,000 | 6016 | BB | 62 |
| 80,000 | 125,000 | 29,000 | 32016 XF | TRBM | 10 |
| 80,000 | 125,000 | 36,000 | 33016 F | TRBM | 12 |
| 80,000 | 130,000 | 5,500 | F 15246 | TRBF | 40 |
| 80,000 | 130,000 | 35,000 | JM 515649/ JM 515610 | TRBI | 29 |
| 80,000 | 130,000 | 37,000 | 33116 F | TRBM | 13 |
| 80,000 | 139,992 | 14,288 | F 15191 | TRBF | 40 |
| 80,000 | 140,000 | 26,000 | 6216 | BB | 65 |
| 80,000 | 140,000 | 28,250 | 30216 F | TRBM | 8 |
| 80,000 | 140,000 | 33,000 | NU 2216 FM | CRB | 107 |
| 80,000 | 140,000 | 33,500 | F 19039 | CRBS | 112 |
| 80,000 | 140,000 | 35,250 | 32216 F | TRBM | 11 |
| 80,000 | 140,000 | 39,250 | F 15156 | TRBS | 34 |
| 80,000 | 140,000 | 46,000 | 33216 F | TRBM | 13 |
| 80,000 | 140,000 | 46,000 | 33216 F 573810 | TRBM | 13 |
| 80,000 | 150,000 | 28,000 | 6217/80 | BB | 65 |
| 80,000 | 150,000 | 27,500/ 28,000 | F 19008 | CRBS | 110 |
| 80,000 | 160,000 | 45,000 | JW 8049/ JW 8010 | TRBI | 19 |
| 80,000 | 165,000 | 57,000 | F 15257 | TRBS | 38 |
| 80,000 | 170,000 | 42,500 | 30316 F | TRBM | 9 |
| 80,000 | 170,000 | 42,500 | 31316 F | TRBM | 9 |
| 80,000 | 170,000 | 61,500 | 32316 F | TRBM | 12 |
| 80,000 | 200,000 | 48,000 | N NJ 416 FM/C3 | CRB | 106 |
| 80,962 | 136,525 | 30,162 | 496/493 | TRBI | 15 |

| d | D | T | Fersa |  | PAG. |
|--------|---------|-------------------|-----------------------------------|---|------|
| 80,962 | 150,089 | 44,450 | 740/742 | TRBI | 17 |
| 82,000 | 90,000 | 37,000 | N F 17051 K | NRBS | 122 |
| 82,000 | 138,000 | 110,000 | N F 200029 | WK | 132 |
| 82,000 | 138,000 | 130,000 | N F 200018 | WK | 132 |
| 82,000 | 140,000 | 36,500 | F 15252 | TRBS | 36 |
| 82,000 | 140,000 | 110,000 | F 15126 | WH | 128 |
| 82,000 | 140,000 | 115,000 | F 15100 | WH | 128 |
| 82,000 | 140,000 | 115,000 | N F 15300 | WH | 128 |
| 82,000 | 196,000 | 113,000 | F 300001 | WM | 134 |
| 82,550 | 125,412 | 25,400 | 27687/27620 | TRBI | 23 |
| 82,550 | 133,350 | 30,162 | 495/492 A | TRBI | 15 |
| 82,550 | 133,350 | 33,338 | 47686/47620 | TRBI | 25 |
| 82,550 | 133,350 | 33,338 | 495/492 | TRBI | 15 |
| 82,550 | 133,350 | 39,688 | HM 516449 C/ HM 516410 | TRBI | 29 |
| 82,550 | 136,525 | 30,162 | 495/493 | TRBI | 15 |
| 82,550 | 139,700 | 36,512 | 580/572 X | TRBI | 16 |
| 82,550 | 139,982 | 35,250 | 580/572 A | TRBI | 16 |
| 82,550 | 139,992 | 36,512 | 580/572 | TRBI | 16 |
| 82,550 | 146,050 | 41,275 | 663/653 | TRBI | 17 |
| 82,550 | 150,089 | 44,450 | 749 A/742 | TRBI | 17 |
| 82,550 | 152,400 | 41,275 | 663/652 | TRBI | 17 |
| 83,345 | 125,412 | 25,400 | 27690/27620 | TRBI | 23 |
| 84,000 | 90,000 | 39,500 | N F 17096 K | NRBS | 124 |
| 84,138 | 133,350 | 30,162 | 498/492 A | TRBI | 15 |
| 84,138 | 136,525 | 30,162 | 498/493 | TRBI | 15 |
| 84,980 | 150,000 | 27,500/ 28,000 | F 19022 | CRBS | 110 |
| 85,000 | 93,000 | 53,000 | N F 17035 K | NRBS | 122 |
| 85,000 | 93,000 | 63,000 | N F 17091 K | NRBS | 124 |
| 85,000 | 125,412 | 25,400 | N 27695/27620 | TRBI | 23 |
| 85,000 | 130,000 | 29,000 | 32017 XF | TRBM | 10 |
| 85,000 | 130,000 | 30,000 | JM 716649/ JM 716610 | TRBI | 29 |
| 85,000 | 130,000 | 36,000 | 33017 F | TRBM | 12 |
| 85,000 | 140,000 | 39,000 | JHM 516849/ JHM 516810 | TRBI | 29 |
| 85,000 | 140,000 | 41,000 | 33117 F | TRBM | 13 |
| 85,000 | 150,000 | 28,000 | 6217 | BB | 65 |
| 85,000 | 150,000 | 28,000 | F 18036 | BBS | 72 |
| 85,000 | 150,000 | 30,500 | 30217 F | TRBM | 8 |
| 85,000 | 150,000 | 30,500 | F 15104 | TRBS | 34 |
| 85,000 | 150,000 | 38,500 | 32217 F | TRBM | 11 |
| 85,000 | 150,000 | 38,500 | N F 15266 | TRBS | 38 |
| 85,000 | 150,000 | 49,000 | 33217 F | TRBM | 13 |
| 85,000 | 160,000 | 33,000 | F 18037 | BBS | 72 |
| 85,000 | 180,000 | 63,500 | 32317 F | TRBM | 12 |
| 85,026 | 150,089 | 44,450 | 749 S/742 | TRBI | 17 |
| 85,026 | 150,089 | 44,450 | 749/742 | TRBI | 17 |

11.2\ Fersa dimensional list

Lista dimensional Fersa

| d | D | T | Fersa |  | PAG. |
|--------------------|---------|---------|-----------------------------------|---|------|
| 85,725 | 146,050 | 41,275 | N 665 A/653 | TRBI | 17 |
| 85,725 | 133,350 | 30,162 | 497/492 A | TRBI | 15 |
| 85,725 | 136,525 | 30,162 | 497/493 | TRBI | 15 |
| 86,000 | 94,000 | 45,000 | N F 17080 K | NRBS | 124 |
| 88,000 | 138,000 | 120,000 | N F 200025 | WK | 132 |
| 88,000 | 140,000 | 32,000 | F 15075 | TRBS | 34 |
| 88,900 | 121,442 | 15,083 | LL 217849/ LL 217810 | TRBI | 28 |
| 88,900 | 148,430 | 28,575 | 42350/42584 | TRBI | 25 |
| 88,900 | 152,400 | 39,688 | 593/592 A | TRBI | 16 |
| 88,900 | 152,400 | 39,688 | HM 518445/ HM 518410 | TRBI | 29 |
| 88,900 | 161,925 | 47,625 | 759/752 | TRBI | 17 |
| 88,900 | 161,925 | 53,975 | 6580/6535 | TRBI | 19 |
| 89,000 | 97,000 | 40,000 | N F 17034 K | NRBS | 122 |
| 89,974 | 146,975 | 40,000 | HM 218248/ HM 218210 | TRBI | 28 |
| 89,975 | 146,975 | 40,000 | F 15115 | TRBS | 34 |
| 89,992 | 160,096 | 30,124 | 69354/69630 | TRBI | 27 |
| 90,000 | 98,000 | 40,500 | N F 17040 K | NRBS | 122 |
| 90,000 | 98,000 | 46,000 | N F 17095 K | NRBS | 124 |
| 90,000 | 130,000 | 14,000 | N 16017/90 | BB | 70 |
| 90,000 | 140,000 | 32,000 | 32018 XF | TRBM | 10 |
| 90,000 | 140,000 | 39,000 | 33018 F | TRBM | 12 |
| 90,000 | 145,000 | 35,000 | JM 718149 A/ JM 718110 | TRBI | 29 |
| 90,000 | 145,000 | 35,000 | JM 718149/ JM 718110 | TRBI | 29 |
| 90,000 | 150,000 | 45,000 | 33118 F | TRBM | 13 |
| 90,000 | 155,000 | 44,000 | JHM 318448/ JHM 318410 | TRBI | 28 |
| 90,000 | 160,000 | 30,000 | 6218 | BB | 65 |
| 90,000 | 160,000 | 32,500 | 30218 F | TRBM | 8 |
| 90,000 | 160,000 | 42,500 | 32218 F | TRBM | 11 |
| 90,000 | 160,000 | 55,000 | 33218 F | TRBM | 13 |
| 90,000 | 160,000 | 125,000 | F 15122 | WH | 128 |
| 90,000 | 190,000 | 46,500 | 31318 F | TRBM | 9 |
| 92,000 | 100,000 | 27,000 | N F 17094 K | NRBS | 124 |
| 92,000 | 100,000 | 53,000 | N F 17038 K | NRBS | 122 |
| 92,075 | 146,050 | 33,338 | 47890/47820 | TRBI | 25 |
| 92,075 | 148,430 | 28,575 | 42362/42584 | TRBI | 25 |
| 92,075 | 150,000 | 35,992 | 598 A/593 X | TRBI | 16 |
| 92,075 | 150,000 | 35,992 | 598/593 X | TRBI | 16 |
| 92,075 | 152,400 | 39,688 | 598 A/592 A | TRBI | 16 |
| 92,075 | 152,400 | 39,688 | 598/592 A | TRBI | 16 |
| 92,075 | 168,275 | 41,275 | 681 A/672 | TRBI | 17 |
| 92,075 | 168,275 | 41,275 | 681/672 | TRBI | 17 |
| 93,662 | 148,430 | 28,575 | 42368/42584 | TRBI | 25 |
| 93,800 / 94,000 | 148,000 | 135,000 | F 200014 | WK | 130 |

| d | D | T | Fersa |  | PAG. |
|---------------------|---------|---------|-----------------------------------|---|------|
| 95,000 | 103,000 | 60,000 | N F 17092 K | NRBS | 124 |
| 95,000 | 135,000 | 20,000 | JL 819349/ JL 819310 | TRBI | 31 |
| 95,000 | 145,000 | 32,000 | 32019 XF | TRBM | 10 |
| 95,000 | 145,000 | 39,000 | 33019 F | TRBM | 12 |
| 95,000 | 150,000 | 35,000 | JM 719149/ JM 719113 | TRBI | 29 |
| 95,000 | 160,000 | 46,000 | JF 9549/ JF 9510 | TRBI | 20 |
| 95,000 | 160,000 | 49,000 | 33119 F | TRBM | 13 |
| 95,000 | 170,000 | 34,500 | 30219 F | TRBM | 8 |
| 95,000 | 170,000 | 45,500 | 32219 F | TRBM | 11 |
| 95,250 | 128,587 | 15,875 | LL 319349/ LL 319310 | TRBI | 28 |
| 95,250 | 130,175 | 20,638 | L 319249/ L 319210 | TRBI | 28 |
| 95,250 | 150,000 | 35,992 | 594 A/593 X | TRBI | 16 |
| 95,250 | 150,000 | 35,992 | 594/593 X | TRBI | 16 |
| 95,250 | 152,400 | 39,688 | 594 A/592 A | TRBI | 16 |
| 95,250 | 152,400 | 39,688 | 594/592 A | TRBI | 16 |
| 95,250 | 168,275 | 41,275 | 683/672 | TRBI | 17 |
| 96,000 | 104,000 | 55,000 | N F 17039 K | NRBS | 122 |
| 96,838 | 148,430 | 28,575 | 42381/42584 | TRBI | 25 |
| 99,800 / 100,000 | 148,000 | 135,000 | F 200017 | WK | 132 |
| 99,975 | 156,975 | 42,000 | F 15208 | TRBS | 36 |
| 99,975 | 156,975 | 42,000 | HM 220149/ HM 220110 | TRBI | 28 |
| 100,000 | 135,000 | 4,000 | AXK 100135 | NRBAXK | 120 |
| 100,000 | 145,000 | 24,000 | JP 10049/ JP 10010 | TRBI | 20 |
| 100,000 | 150,000 | 32,000 | 32020 XF | TRBM | 10 |
| 100,000 | 150,000 | 39,000 | 33020 F | TRBM | 12 |
| 100,000 | 150,000 | 39,000 | 33020 F 561694 | TRBM | 12 |
| 100,000 | 155,000 | 36,000 | JM 720249/ JM 720210 | TRBI | 30 |
| 100,000 | 160,000 | 41,000 | JHM 720249/ JHM 720210 | TRBI | 29 |
| 100,000 | 160,000 | 42,000 | F 15200 | TRBS | 36 |
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