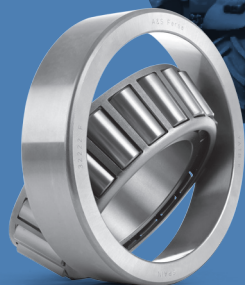


# GENERAL CATALOG

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# SUMMARY

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**[www.fersa.com](http://www.fersa.com)**

# GENERAL CATALOG

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# SUMMARY

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# Symbols & Nomenclatures

## Símbolos y Nomenclaturas

Nomenclatures / Nomenclaturas		
C3	Internal clearance greater than normal	Juego radial mayor que el normal
C4	Internal clearance greather 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
ZRS	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		
	New reference	Nueva referencia
	Active ABS	ABS activo
	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



# Index

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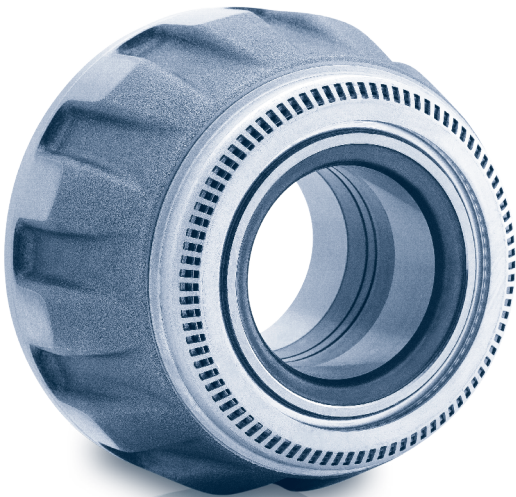
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# GENERAL CATALOG

## SUMMARY

OUR NEW CATALOG HAS THE COMPLETE INFORMATION OF OUR CURRENT BEARING PRODUCTS, AS WELL AS OUR NEW REFERENCES AND PRODUCT LINES.

CON ESTE NUEVO CATÁLOGO 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](http://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.

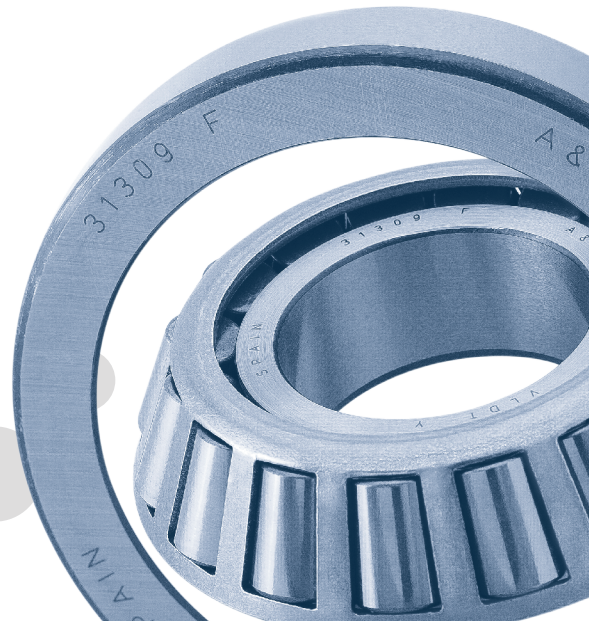
La parte final contiene un completo listado de cruces de nuestras referencias con los principales fabricantes del mercado, así como un listado dimensional para facilitar su identificación.

Les invitamos a consultar nuestra web:

**[www.fersa.com](http://www.fersa.com)**

donde encontrarán la información actualizada.

Esperamos que esta información sea de su interés.

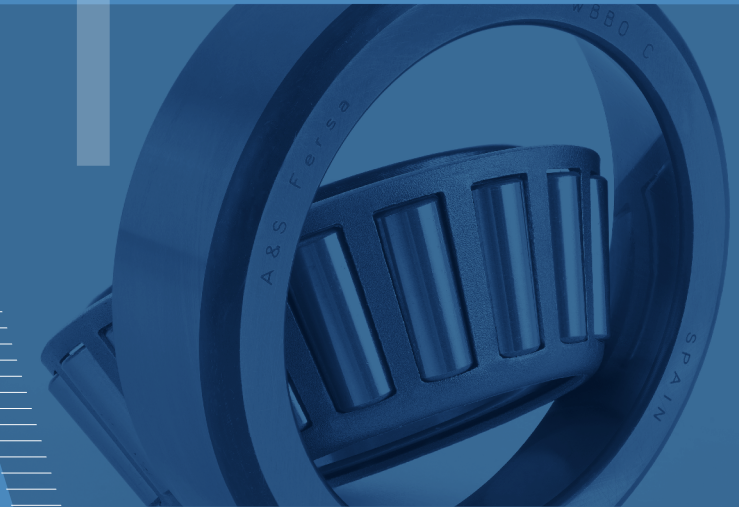


# Single row tapered roller bearing

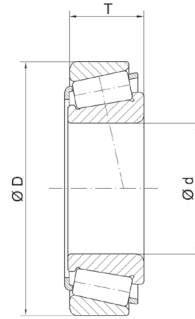
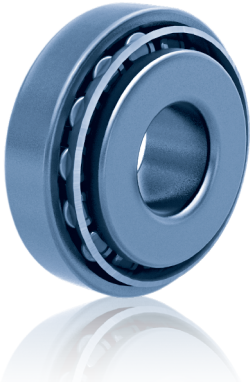
## Rodamientos de rodillos cónicos

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01



# 01.1 \ Metric series Series métricas



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

<b>303 SERIES</b>			
<b>303/28 F</b>	28,000	68,000	19,750
<b>30302 F</b>	15,000	42,000	14,250
<b>30303 F</b>	17,000	47,000	15,250
<b>30304 F</b>	20,000	52,000	16,250
<b>30305 F</b>	25,000	62,000	18,250
<b>30306 F</b>	30,000	72,000	20,750
<b>30307 F</b>	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

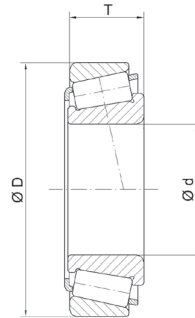
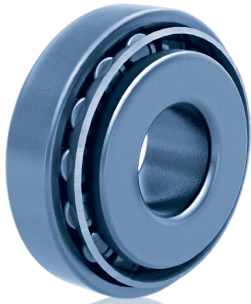
#### 313 SERIE

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)
<b>320 SERIES</b>			
<b>32007 X 30/32007 XF</b>	30,000	62,000	18,000
<b>32007 X 34/32007 XF</b>	34,000	62,000	18,000
<b>32007 XF</b>	35,000	62,000	18,000
<b>32007 XR</b>	35,000	62,000	18,000
<b>32008 XF</b>	40,000	68,000	19,000
<b>32009 XF</b>	45,000	75,000	20,000
<b>32009 XR</b>	45,000	75,000	20,000
<b>32010 XF</b>	50,000	80,000	20,000
<b>32010 XR</b>	50,000	80,000	20,000
<b>32011 X 57,5/32011 XF</b>	57,500	90,000	23,000
<b>32011 XF</b>	55,000	90,000	23,000
<b>32012 XF</b>	60,000	95,000	23,000
<b>32013 XF</b>	65,000	100,000	23,000
<b>32014 XF</b>	70,000	110,000	25,000
<b>32015 XF</b>	75,000	115,000	25,000
<b>32016 XF</b>	80,000	125,000	29,000
<b>32017 XF</b>	85,000	130,000	29,000
<b>32018 XF</b>	90,000	140,000	32,000
<b>32019 XF</b>	95,000	145,000	32,000
<b>32020 XF</b>	100,000	150,000	32,000
<b>32021 XF</b>	105,000	160,000	35,000
<b>32022 XF</b>	110,000	170,000	38,000
<b>32024 XF</b>	120,000	180,000	38,000
<b>32028 XF</b>	140,000	210,000	45,000

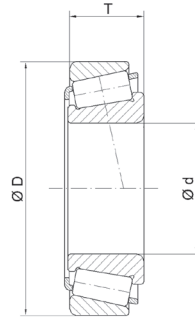
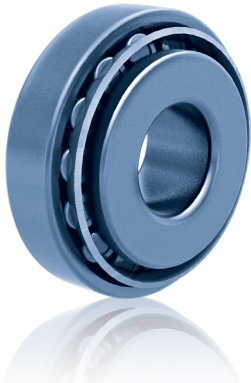
<b>322 SERIES</b>			
<b>32204 F</b>	20,000	47,000	19,250
<b>32204 FR</b>	20,000	47,000	19,250
<b>32205 BF</b>	25,000	52,000	19,250
<b>32205 F</b>	25,000	52,000	19,250
<b>32206 F</b>	30,000	62,000	21,250
<b>32207 F</b>	35,000	72,000	24,250
<b>32208 F</b>	40,000	80,000	24,750
<b>32209 F</b>	45,000	85,000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



Fersa	d (mm)	D (mm)	T (mm)
<b>32210 F</b>	50,000	90,000	24,750
<b>32211 F</b>	55,000	100,000	26,750
<b>32212 F</b>	60,000	110,000	29,750
<b>32213 F</b>	65,000	120,000	32,750
<b>32214 F</b>	70,000	125,000	33,250
<b>32215 F</b>	75,000	130,000	33,250
<b>XUA 32215/Y32215</b>	75,000	130,000	47,250
<b>32216 F</b>	80,000	140,000	35,250
<b>32217 F</b>	85,000	150,000	38,500
<b>32218 F</b>	90,000	160,000	42,500
<b>32219 F</b>	95,000	170,000	45,500
<b>32220 F</b>	100,000	180,000	49,000
<b>32220 FR</b>	100,000	180,000	49,000
<b>32221 F</b>	105,000	190,000	53,000
<b>32222 F</b>	110,000	200,000	56,000

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

# 01.1 \ Metric series Series métricas

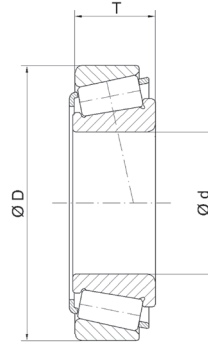
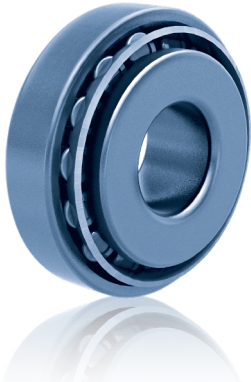


Fersa	d (mm)	D (mm)	T (mm)
<b>323 SERIES</b>			
<b>32313 F</b>	65,000	140,000	51,000
<b>32314 BF</b>	70,000	150,000	54,000
<b>32314 F</b>	70,000	150,000	54,000
<b>32315 F</b>	75,000	160,000	58,000
<b>32316 F</b>	80,000	170,000	61,500
<b>32317 F</b>	85,000	180,000	63,500
<b>329 SERIES</b>			
<b>32911 F</b>	55,000	80,000	17,000
<b>32924 F</b>	120,000	165,000	29,000
<b>330 SERIES</b>			
<b>33006 F</b>	30,000	55,000	20,000
<b>33007 F</b>	35,000	62,000	21,000
<b>33008 F</b>	40,000	68,000	22,000
<b>33009 F</b>	45,000	75,000	24,000
<b>33010 F</b>	50,000	80,000	24,000
<b>33011 F</b>	55,000	90,000	27,000
<b>33012 F</b>	60,000	95,000	27,000
<b>33013 F</b>	65,000	100,000	27,000
<b>33014 F</b>	70,000	110,000	31,000
<b>33015 F</b>	75,000	115,000	31,000
<b>33016 F</b>	80,000	125,000	36,000
<b>33017 F</b>	85,000	130,000	36,000
<b>33018 F</b>	90,000	140,000	39,000
<b>33019 F</b>	95,000	145,000	39,000
<b>33020 F</b>	100,000	150,000	39,000
<b>33020 F 561694</b>	100,000	150,000	39,000
<b>33021 F</b>	105,000	160,000	43,000
<b>33021 F 0266488</b>	105,000	160,000	43,000
<b>33022 F</b>	110,000	170,000	47,000
<b>33024 F</b>	120,000	180,000	48,000

Fersa	d (mm)	D (mm)	T (mm)
<b>331 SERIES</b>			
<b>33108 F</b>	40,000	75,000	26,000
<b>33109 F</b>	45,000	80,000	26,000
<b>33110 F</b>	50,000	85,000	26,000
<b>33111 F</b>	55,000	95,000	30,000
<b>33112 F</b>	60,000	100,000	30,000
<b>33113 F</b>	65,000	110,000	34,000
<b>33114 F</b>	70,000	120,000	37,000
<b>33115 F</b>	75,000	125,000	37,000
<b>33116 F</b>	80,000	130,000	37,000
<b>33117 F</b>	85,000	140,000	41,000
<b>33118 F</b>	90,000	150,000	45,000
<b>33119 F</b>	95,000	160,000	49,000
<b>332 SERIES</b>			
<b>332/32 F</b>	32,000	65,000	26,000
<b>33205 F</b>	25,000	52,000	22,000
<b>33206 F</b>	30,000	62,000	25,000
<b>33207 F</b>	35,000	72,000	28,000
<b>33208 F</b>	40,000	80,000	32,000
<b>33209 F</b>	45,000	85,000	32,000
<b>33210 F</b>	50,000	90,000	32,000
<b>33211 F</b>	55,000	100,000	35,000
<b>33212 F</b>	60,000	110,000	38,000
<b>33213 F</b>	65,000	120,000	41,000
<b>33214 F</b>	70,000	125,000	41,000
<b>33215 F</b>	75,000	130,000	41,000
<b>33216 F</b>	80,000	140,000	46,000
<b>33216 F 573810</b>	80,000	140,000	46,000
<b>33217 F</b>	85,000	150,000	49,000
<b>33218 F</b>	90,000	160,000	55,000
<b>33220 F</b>	100,000	180,000	63,000

# 01.2 \ Inch series

## Series pulgadas

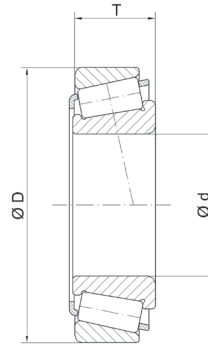
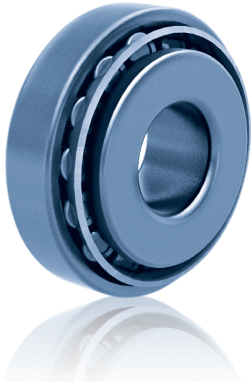


Fersa	d (mm)	D (mm)	T (mm)
4 A/6	19,050	44,450	12,700
336/332	41,275	80,000	21,000
342 A/332	41,275	80,000	28,574
344/332	40,000	80,000	21,000
355/354 X	44,450	85,000	20,638
355 X/352	44,450	90,119	23,000
355 X/354 X	44,450	85,000	20,638
359 A/354 X	46,038	85,000	20,638
359 S/354 X	46,038	85,000	20,638
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

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

# 01.2\ Inch series

## Series pulgadas

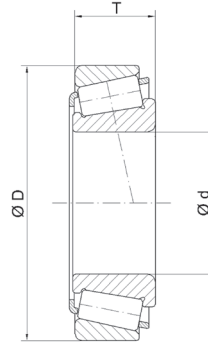
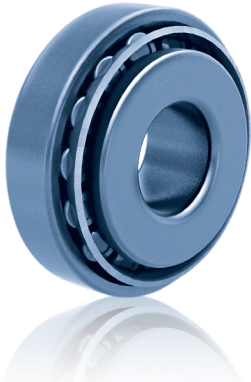


Fersa	d (mm)	D (mm)	T (mm)
527/522	44,450	101,600	34,925
527 S/522	44,983	101,600	34,925
528/522	47,625	101,600	34,925
529/520 X1	50,800	100,000	34,925
529/522	50,800	101,600	34,925
529 X/522	50,800	101,600	34,925
535/532 X	44,450	107,950	36,512
536/532 X	47,625	107,950	36,512
537/532	50,800	111,125	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
<b>N</b> 575/572 A	53,970	123,820	38,100
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
<b>N</b> 582/572	82,550	139,992	36,513
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

Fersa	d (mm)	D (mm)	T (mm)
598 A/593 X	92,075	150,000	35,992
619/612	50,800	120,650	41,275
<b>N</b> 621/612	53,975	120,650	41,275
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
<b>N</b> 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
<b>N</b> 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

# 01.2 \ Inch series

## Series pulgadas



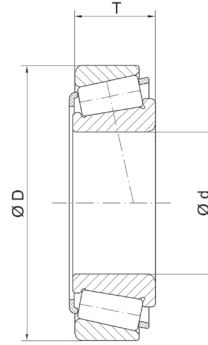
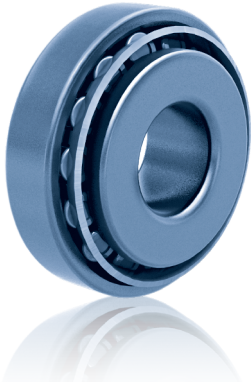
Fersa	d (mm)	D (mm)	T (mm)
2580/2520	31,750	66,421	25,400
2580/2523	31,750	69,850	23,812
2585/2523	33,338	69,850	23,812
2689/2631	28,575	66,421	23,812
2780/2720	36,487	76,200	23,812
2780/2729	36,487	76,200	23,812
2788/2720	38,100	76,200	23,812
2788/2729	38,100	76,200	23,812
2789/2720	39,688	76,200	23,812
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
<b>N</b> 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



Fersa	d (mm)	D (mm)	T (mm)
3877/3820	41,275	85,725	30,162
3878/3820	36,512	85,725	30,162
3879/3820	40,000	73,025	30,162
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
<b>N</b> 3979/JM 511910	57,150	110,000	28,000
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
<b>N</b> 5760/5735	76,200	135,733	44,450
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
6461 A/6420	76,200	149,220	53,970
JD 6549/JD 6510	65,000	110,000	31,000

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## Series pulgadas

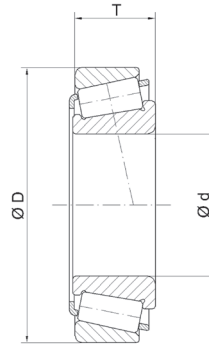
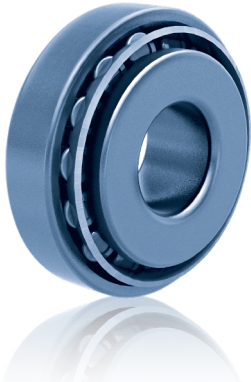


Fersa	d (mm)	D (mm)	T (mm)
6580/6535	88,900	161,925	53,975
JF 7049/JF 7010	70,000	130,000	43,000
JF 7049 A/JF 7010	70,000	130,000	43,000
JW 7049/JW 7010	70,000	140,000	39,000
JW 8049/JW 8010	80,000	160,000	45,000
9278/9220	68,262	161,925	49,212
9285/9220	76,200	161,925	49,212
JF 9549/JF 9510	95,000	160,000	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

Fersa	d (mm)	D (mm)	T (mm)
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
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
<b>N</b> 13686/13621	38,100	69,010	26,190
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 A/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

# 01.2 \ Inch series

## Series pulgadas

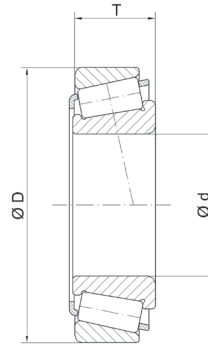
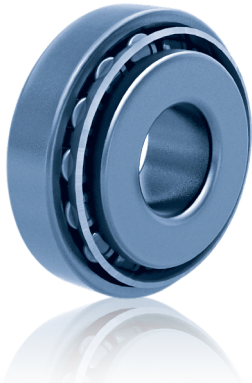


Fersa	d (mm)	D (mm)	T (mm)
15100/15250 X	25,400	63,500	20,638
15101/15245	25,400	62,000	19,050
15101/15250	25,400	63,500	20,638
15101/15250 X	25,400	63,500	20,638
15103 S/15243	26,162	61,912	19,050
15103 S/15245	26,162	62,000	19,050
15106/15245	26,988	62,000	19,050
15106/15250	26,988	63,500	20,638
15106/15250 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

Fersa	d (mm)	D (mm)	T (mm)
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
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

# 01.2\ Inch series

## Series pulgadas

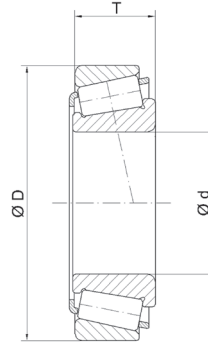
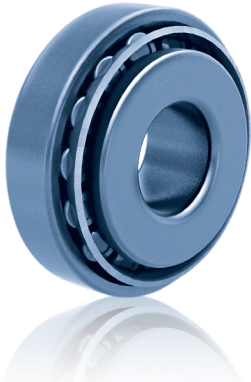


Fersa	d (mm)	D (mm)	T (mm)
26884/26823	42,875	76,200	25,400
27680/27620	73,025	125,412	25,400
27687/27620	82,550	125,412	25,400
27690/27620	83,345	125,412	25,400
27695/27620	85,000	125,412	25,400
28137/28317	34,925	80,035	21,433
28579/28520	49,987	89,980	24,750
28580/28520	50,800	89,980	24,750
28580/28521	50,800	92,075	24,608
28580/28527 RB	50,800	99,995	24,607
28584/28521	52,388	92,075	24,608
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
<b>N</b> 29675/29630	69,850	120,650	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

Fersa	d (mm)	D (mm)	T (mm)
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
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
<b>N</b> 45280/45220	44,450	104,775	30,162
45284/45220	50,800	104,775	30,162

# 01.2\ Inch series

## Series pulgadas



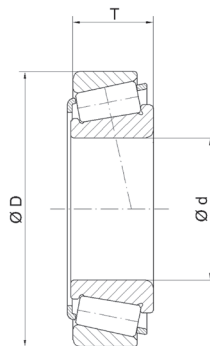
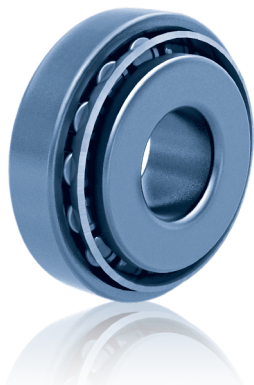
Fersa	d (mm)	D (mm)	T (mm)
45285 A/45220	50,800	104,775	30,162
45285 A/45221	50,800	104,775	30,162
45289/45220	57,150	104,775	30,162
<b>N</b> 45291/45220	57,150	104,775	30,162
L 45449/L 45410	29,000	50,292	14,224
47487/47420	69,850	120,000	32,545
47490/47420	71,438	120,000	32,545
47686/47620	82,550	133,350	33,338
<b>N</b> 47687/47623 A	82,550	136,525	44,450
<b>N</b> 47679/47620	76,200	133,350	30,162
47890/47820	92,075	146,050	33,338
48190/48120	107,950	161,925	34,925
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
<b>N</b> 55212 C/55437	111,120	53,970	30,160
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



Fersa	d (mm)	D (mm)	T (mm)
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
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
<b>N</b> 72218 C/72487	55,562	123,825	36,512
<b>N</b> 72225 C/72487	57,150	123,825	36,512
74500/74850	127,000	215,900	47,625
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

# 01.2\ Inch series

## Series pulgadas

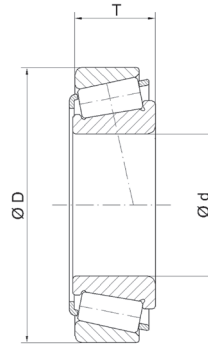
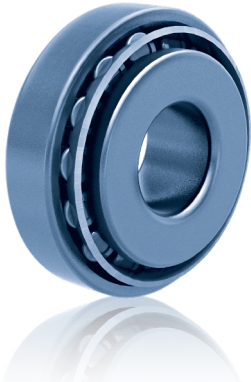


Fersa	d (mm)	D (mm)	T (mm)
M 86649/M 86610	30,162	64,292	21,433
M 88043/M 88010	30,162	68,262	22,225
M 88043/M 88011	30,162	68,262	22,225
M 88046/M 88010	31,750	68,262	22,225
M 88048/M 88010	33,338	68,262	22,225
M 88048/M 88011	33,338	68,262	22,225
JHM 88540/JHM 88513	30,000	72,000	29,370
HM 88542/HM 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
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

Fersa	d (mm)	D (mm)	T (mm)
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
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
<b>N</b> HM 516448 /HM 516414 B	82,550	136,525	12,319
<b>N</b> HM 516449 A/HM 516410	82,550	133,350	39,687
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

# 01.2\ Inch series

## Series pulgadas

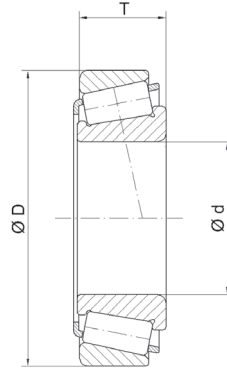
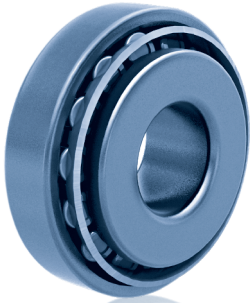


Fersa	d (mm)	D (mm)	T (mm)
JLM 704649/JLM 704610	50,000	84,000	22,000
JLM 710949 C/JLM 710910	65,000	105,000	24,000
L 713049/L 713010	69,850	101,600	19,050
JLM 714149/JLM 714110	75,000	115,000	25,000
JM 714249/JM 714210	75,000	120,000	31,000
H 715332/H 715311	60,325	136,525	46,038
H 715334/H 715311	61,912	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
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



































Fersa	d (mm)	D (mm)	T (mm)
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
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
JM 822049/JM 822010	110,000	165,000	35,000
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



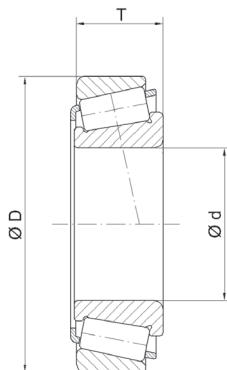
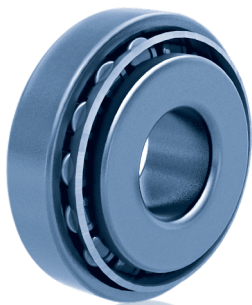
# 01.3 \ Special design bearings Serie especial



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

# 01.3 \ Special design bearings Serie especial

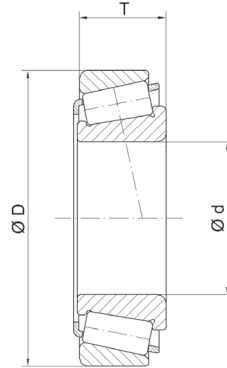


Fersa	d (mm)	D (mm)	T (mm)
<b>F 15055/LM 29710</b>	38,100	65,088	18,034
<b>F 15056</b>	28,000	52,000	15,750
<b>F 15063</b>	22,000	47,000	20,750
<b>F 15071</b>	75,000	160,000	58,000
<b>F 15079</b>	30,162	68,263	22,225
<b>F 15080</b>	34,925	73,025	26,988
<b>F 15082</b>	65,000	145,000	36,000
<b>F 15083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

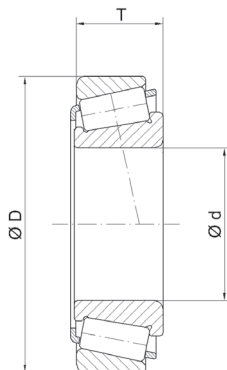
# 01.3 \ Special design bearings Serie especial



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

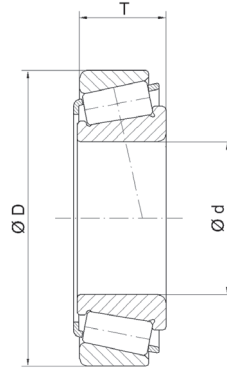
# 01.3 \ Special design bearings Serie especial
























Fersa	d (mm)	D (mm)	T (mm)
F 15257	80,000	165,000	57,000
F 15258	60,000	100,000	30,000
F 15267	100,000	160,000	44,000
F 15270	60,000	125,000	37,000
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
F 15279	101,600	160,000	35,000
F 15280	44,983	112,712	34,512
F 15291	76,200	171,450	49,212
F 15295	53,975	95,200	34,400
F 15298	60,000	130,000	35,250
F 15304	63,500	107,950	25,400
F 15308	26,988	50,292	14,224
F 15309	30,000	62,000	20,000
F 15313	25,000	62,000	17,250
F 15314	45,000	88,000	16,750
F 15315	25,000	55,000	13,750
F 15316	25,000	66,000	22,050
F 15317	35,000	75,000	60,000
<b>N</b> F 15321	62,000	260,000	107,000

Fersa	CROSS REF.			
F 15257	FAG	801400/801400		 <b>MERCEDES BENZ</b> (HL7 * HL8) <b>MAN</b> (HY-1344 * HY-1350 * HYD-1370)
F 15258	FAG	523361		 <b>MERCEDES BENZ</b> (HL2)
F 15267	FAG	805312		 <b>MERCEDES BENZ</b> (ACTROS MP2 * MP3)
F 15270	FAG	805050		 <b>MERCEDES BENZ</b> (HL2)
F 15271	FAG SKF TIMKEN	801785 VKHB 2307 SET 1328		 <b>MERCEDES BENZ</b> (ACTROS MP2 * MP3)
F 15272	FAG SKF	528595 331974		 <b>MAN</b> (TGA * TGS) <b>MERCEDES BENZ</b> (ACTROS MP2 * MP3)
F 15273	FAG	581541		 <b>MERCEDES BENZ</b> (HO7) <b>SCANIA</b> (RB662 * RBP735 * RBP736)
F 15278	KOYO	57508 L2/28521		 <b>ZF</b> (S5-420)
F 15279	SKF TIMKEN	BT1 0779 NP 331249		 <b>VOLVO</b> RS 1128 B * RSS 1332 A * RTS 2370 A * RTS 2370 B
F 15280	FAG SKF	518713 331264		 <b>MERCEDES BENZ</b> (HL 2)
F 15291	TIMKEN	NP725688/NP560412		 <b>VOLVO</b> RS 1128 B * RSS 1332 A * RTS 2370 A * RTS 2370 B
F 15295	KOYO	LM 806649/57591N		 <b>FULLER</b> RTLO-16918
F 15298	FAG	563007/801464		 <b>MERCEDES BENZ</b> G281-12
F 15304	NSK	29586 A/29522		 <b>ISUZU</b> N-SERIES * F-SERIES
F 15308	SKF	BT1-0227/ QVA621+L44610/QVA621		 <b>VOLKSWAGEN</b> DSG 6-Speeds
F 15309	SKF	BT1-0222 A/ QVA621+32007 X/ QCL7CVA606		 <b>VOLKSWAGEN</b> DSG 6-Speeds
F 15313	TIMKEN SNR	NP417384/Y30206M EC 42226		 <b>RENAULT</b> PK6
F 15314	TIMKEN FAG	NP 238750/NP 929800 571752		 <b>OPEL</b> M32
F 15315	TIMKEN	NP 854792/NP 430273		 <b>OPEL</b> M32
F 15316	TIMKEN SNR	NP868033/NP666556 EC42228501		 <b>RENAULT</b> PF6
F 15317	SKF	BTH-0001		 <b>IFOR WILLIAMS</b>
 F 15321	TIMKEN	SET 1265		 <b>IVECO</b> U 177 <b>VOLVO</b> RSS1228B * RS1344B

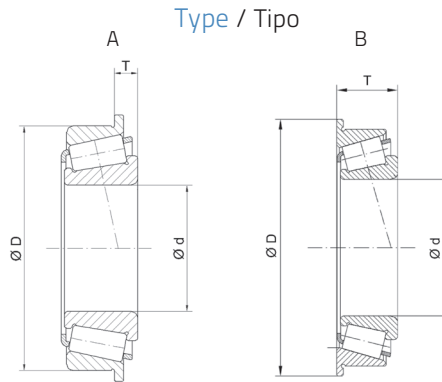
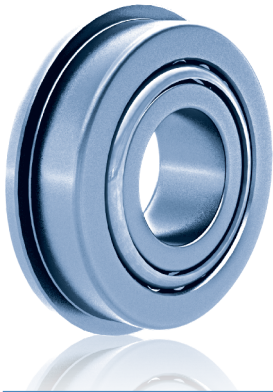
# 01.3 \ Special design bearings Serie especial



Fersa	d (mm)	D (mm)	T (mm)
<b>N</b> F 15322	65,000	120,000	32,750
<b>N</b> F 15323	55,000	95,000	30,000
<b>N</b> F 15326	85,000	150,000	38,500
<b>N</b> F 15329	60,000	95,000	26,500
<b>N</b> F 15330	69,850	126,000	63,880
F 15332	55,000	117,000	38,000
F 15334	60,000	110,000	34,000
<b>N</b> F 15336	25,000	55,000	13,750
<b>N</b> F 15337	25,000	52,000	16,300
<b>N</b> F 15338	28,000	55,000	13,750
<b>N</b> F 15339	25,000	51,400	13,200
<b>N</b> F 15340	41,000	73,000	21,000
<b>N</b> F 15341	95,000	126,000	18,100
<b>N</b> F 15342	27,000	51,400	13,200
<b>N</b> F 15345	85,000	150,000	30,500
<b>N</b> F 15346	60,000	115,000	40,000
<b>N</b> F 15347	60,000	110,000	29,750
<b>N</b> F 15348	60,000	110,000	38,000



















Fersa		CROSS REF.		 	
<b>N</b>	<b>F 15322</b>	FAG	Z-504376.02		 <b>MERCEDES BENZ</b> HL2
<b>N</b>	<b>F 15323</b>	FAG	805189		 <b>MERCEDES BENZ</b> ACCELO
<b>N</b>	<b>F 15326</b>	FAG	F-805576.04		 <b>VOLVO</b> AT2412C * AT2512C
<b>N</b>	<b>F 15329</b>	KOYO	32012 J/IB	LCV	 <b>VOLKSWAGEN</b> CRAFTER
<b>N</b>	<b>F 15330</b>	KOYO	57518/TR1312/1YD		 <b>EATON</b> RTLO-16918
	<b>F 15332</b>	NTN	33212.1/ECO CR-1187.1		 <b>MERCEDES BENZ</b> G211-12
	<b>F 15334</b>	NTN	ECO CR-12A17.1		 <b>MERCEDES BENZ</b> G211-12
<b>N</b>	<b>F 15336</b>	SNR	EC 42192 Y S02 H206		 <b>FIAT * GM</b> M20 * M32
<b>N</b>	<b>F 15337</b>	SNR	EC 42224 S01 H206		 <b>RENAULT</b> PK4 * PK5
<b>N</b>	<b>F 15338</b>	SNR	EC 42193 Y S02 H206		 <b>FIAT * GM</b> M20 * M32
<b>N</b>	<b>F 15339</b>	SNR	EC 42310 S01 H200		 <b>FIAT * GM</b> M20 * M32
<b>N</b>	<b>F 15340</b>	SNR	EC 42217 S01 H206		 <b>FIAT * GM</b> M32
<b>N</b>	<b>F 15341</b>	SNR	EC 12606 S01 H106		 <b>RENAULT</b> AD8 * PF1 * PK1 * PK5 * PK6 * PK9
<b>N</b>	<b>F 15342</b>	TIMKEN	NP030522/NP378917		 <b>FIAT * GM</b> M32
<b>N</b>	<b>F 15345</b>	SKF	VKT 9000 30217J2/QVB478/ BT1-1010		 <b>VOLVO</b> VT1708B * VT2009B * VT2214B * VT2412B * VT2514B * VTO2214 * AT2512C * AT2812C * ATO3112C
<b>N</b>	<b>F 15346</b>	FAG	558841.04.LTR1		 <b>VOLVO</b> VT1708B * VT2009B * VT2214B * VT2412B * VT2514B * VTO2214 * AT2512C * AT2812C * ATO3112C
<b>N</b>	<b>F 15347</b>	FAG	F-580794.TR1		 <b>VOLVO</b> VT1708B * VT2009B * VT2214B * VT2412B * VT2514B * VTO2214 * AT2512C * AT2812C * ATO3112C
<b>N</b>	<b>F 15348</b>	FAG	F-580791.TR1		 <b>VOLVO</b> VT1708B * VT2009B * VT2214B * VT2412B * VT2514B * VTO2214 * AT2512C * AT2812C * ATO3112C * R1400 * SR1400 * SR1700 * SR1900

# 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
<b>N</b> 45285 A/45220 B	50,800	110,230	30,160	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
F 15310	40,000	75,000	8,000	A
F 15311	30,000	59,000	7,000	A
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
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
L 29002/L 29001	77,000	128,064	37,600	B
L 29002/L 33492	77,000	127,990	30,600	B



Fersa	CROSS REF.				
11163/11300 B					
30208 BF					
30210 BF					
30308/30308 B					
33113 B					
34300/34478 B					
45285 A/45220 B					ZF
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 (G04/160 * G0170-6 * G0190-6 * G0210-6 * G0230-6 * G0240-6)
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 (G04/160 * G0170-6 * G0190-6 * G0210-6 * G0230-6 * G0240-6)
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					
LM 67048/ LM 67010 BA					
LM 67048/ LM 67010 BCE					
M 88043/ M 88010 B					
L 29002/ L 29001					
L 29002/ L 33492					





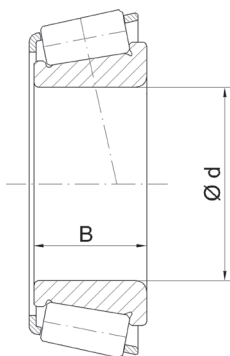
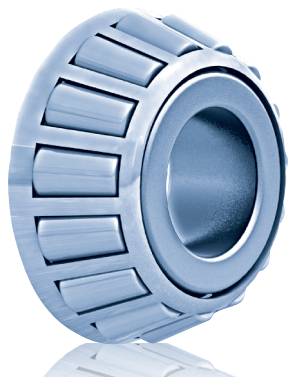




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# 01.7 \ Inner rings

## 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
<b>N</b> CONE 64452 A	114,970	41,270
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
CONE F 15269	55,000	29,800
CONE F 15292	39,688	43,050
<b>N</b> CONE F 15327	68,260	44,250
<b>N</b> CONE F 15328	69,850	51,810
<b>N</b> CONE F 15333	52,000	24,000
<b>N</b> CONE F 15356	40,000	35,000
CONE LM 503349	45,987	18,000

Fersa	CROSS REF.			
CONE 4367 X				 <b>MERCEDES BENZ</b> (G210 16 * G211 12 * G221 9 * G240 16 * G260 16)
CONE 4395				 <b>ZF</b> (16S 151 * 16S 181 * 16S 221 * 8S 180)
CONE 33113 F				 <b>VOLVO</b> (AT 2412 C * VT 2014 B * VT 2514 B)
<b>N</b> CONE 64452 A				 <b>DANA</b> R170/R190
CONE F 15084	KOYO	ST 2455		 <b>ZF</b> (S5 420)
CONE F 15101	TIMKEN	JXC 6839 CD		 <b>ZF</b> (S6 85)
CONE F 15110	TIMKEN	JXC 25662 C		 <b>ZF</b> (9S 109 * 6S 150 C) <b>MERCEDES BENZ</b> (G100-12)
CONE F 15111	KOYO	ST 4276 C/A		 <b>MERCEDES BENZ</b> (G240 16 * G241 16 * G260 16 * G280 16)
CONE F 15113	NTN	ETA CIR 1010 1		 <b>MERCEDES BENZ</b> (G240 16 * G241 16 * G260 16 * G280 16 * G281 12 * G330 12)
CONE F 15131	TIMKEN	NP 457202		 <b>MERCEDES BENZ</b> (G100-12)
CONE F 15132	TIMKEN	NP 057427		 <b>MERCEDES BENZ</b> (G100-12)
CONE F 15134	TIMKEN	JXC 19089 DA		 <b>MERCEDES BENZ</b> (G100-12)
CONE F 15150 A	FAG	576503		 <b>VOLVO</b> (AT 2412 C * VT 2014 B * VT 2514 B)
CONE F 15213	SKF	BT1B 329154/Q/CL7C		 <b>ZF</b> (8S 109 * 16S 109)
CONE F 15244	NTN	ETA CIR 1006.1		 <b>MERCEDES BENZ</b> (G210 16 * G211 16 * G230 16 * G 231 16)
CONE F 15249	NTN	ECO CIR 0805.2		 <b>MERCEDES BENZ</b> (G211 16 * G230 12 * G 231 16 * G241 16 * G280 16 * G281 12 * G330 12)
CONE F 15269	NTN	ETA CIR-1106		 <b>MERCEDES BENZ</b> (G281-16 * G330-12)
CONE F 15292	NTN	ETA CIR-0810.1		 <b>MERCEDES BENZ</b> (G221-9* G0240-6)
<b>N</b> CONE F 15327	TIMKEN	NP 927527		 <b>DANA</b> (R170/R190)
<b>N</b> CONE F 15328	TIMKEN	NP 478770		 <b>DANA</b> (R170/R190)
<b>N</b> CONE F 15333	NTN	ETA CIR 1012		 <b>MERCEDES BENZ</b> G211-12
<b>N</b> CONE F 15333	SKF	BT1-0445		 <b>SCANIA</b> GR 905
CONE LM 503349				 <b>MERCEDES BENZ</b> (G100 12)

02

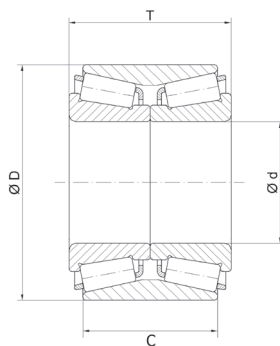
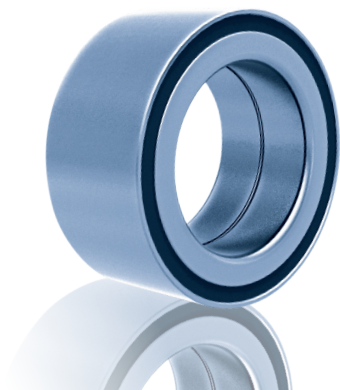
# Double row tapered roller bearing

**Rodamientos cónicos de doble hilera**





























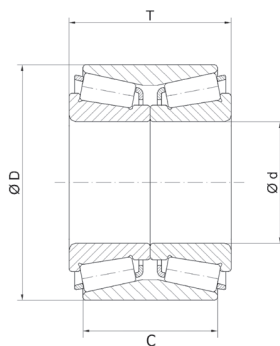
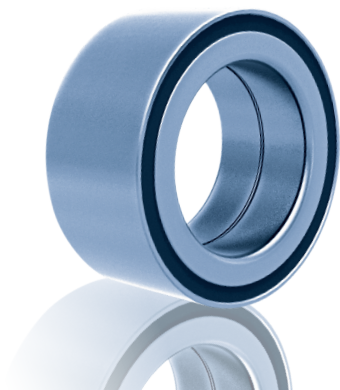
02





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
F 15146	54,000	142,000	62,000
F 15149	40,000	80,000	38,000
F 15151	27,000	52,000	45,000 / 50,000
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 / VCC025 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 (Ecostport * 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
F 15218	42,000	82,000	40,000
F 15268	47,000	88,000	55,000
F 15302	55,000	90,000	55,000
<b>N</b> F 15317	55,000	75,000	60,000
<b>N</b> F 15324	54,000	158,000	51,000



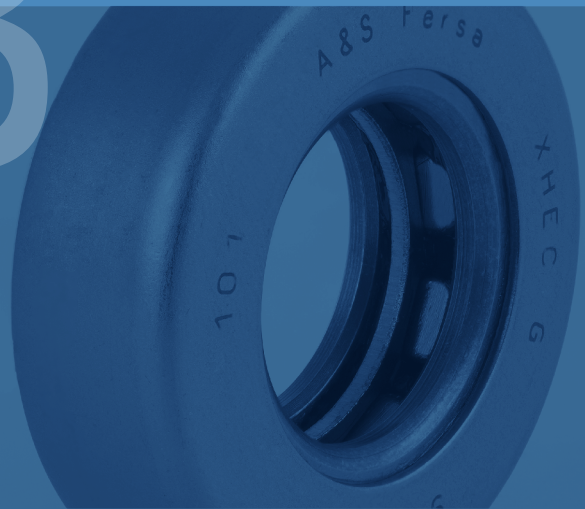


03

# Thrust tapered roller bearings

**Rodamientos axiales cónicos**

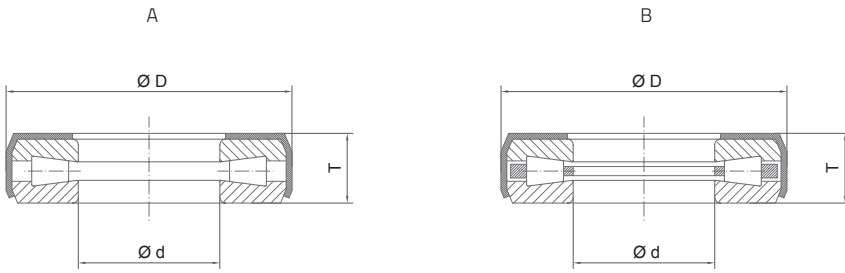
03







Type / Tipo



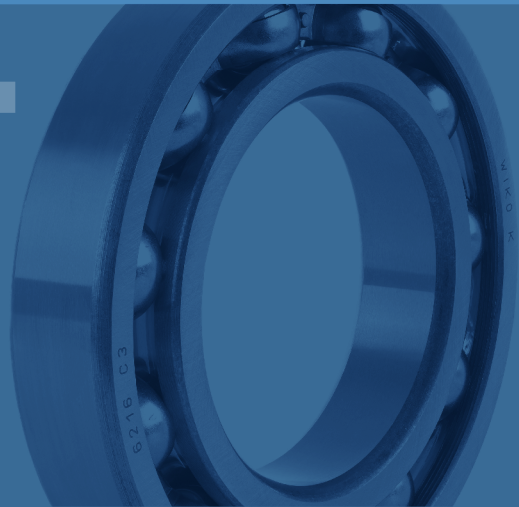
Handwriting practice lines consisting of multiple horizontal dotted lines.

# Deep groove ball bearings

## Rodamientos radiales de bolas

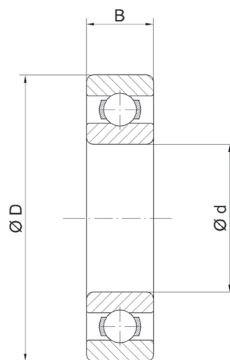
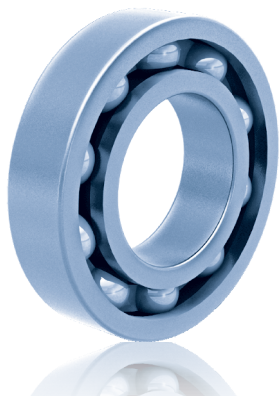
04.1 \	Standard ball bearings / Rodamientos de bolas estándar	62
04.2 \	Special ball bearings / Rodamientos de bolas especiales	74

04



# 04.1 Standard ball bearings

## Rodamientos de bolas estándar



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

Suffixes / Sufijos

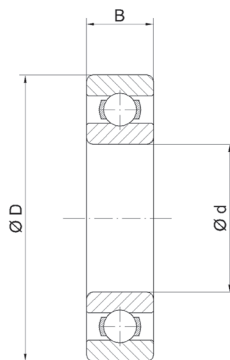
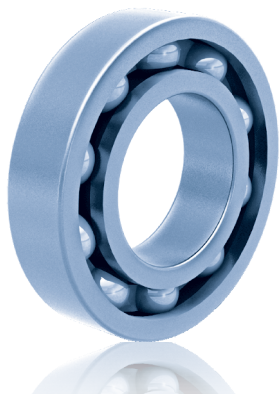
- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- C4** Internal clearance greater than C3 / Juego radial mayor que C3
- RS** Rubbing seal at one side / Tapa retén en una cara
- 2RS** Rubbing seals at both sides / Tapa retén en las dos caras
- Z** Shield at one side / Tapa en una cara
- ZZ** Shields at both sides / Tapas en las dos caras
- NR** Snap ring groove and snap ring Ranura / Anillo elástico y arandela de seguridad en aro exterior

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

04

# 04.1 \ Standard ball bearings

## Rodamientos de bolas estándar



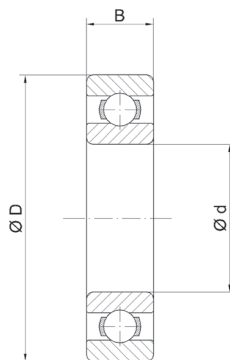
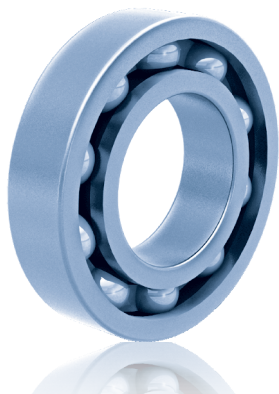
Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6000 SERIE</b>				
<b>6011</b>	6011 6011 2RS 6011 2RS/C3 6011 Z 6011 ZZ 6011 ZZ/C3	55,000	90,000	18,000
<b>6012</b>	6012 6012 2RS 6012 2RS/C3 6012 Z 6012 ZZ 6012 ZZ/C3	60,000	95,000	18,000
<b>6013</b>	6013 6013 2RS 6013 2RS/C3 6013 Z 6013 ZZ 6013 ZZ/C3	65,000	100,000	18,000
<b>6014</b>	6014 6014 2RS 6014 2RS/C3 6014 Z 6014 ZZ 6014 ZZ/C3	70,000	110,000	20,000
<b>6015</b>	6015 6015 2RS 6015 2RS/C3 6015 Z 6015 ZZ 6015 ZZ/C3	75,000	115,000	20,000
<b>6016</b>	6016 2RS/C3	80,000	125,000	22,000
<b>61900 SERIE</b>				
<b>61904</b>	61904 2RS	20,000	37,000	9,000
<b>61909</b>	61909 2RS	45,000	68,000	12,000

Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- C4** Internal clearance greater than C3 / Juego radial mayor que C3
- 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
- NR** Snap ring groove and snap ring Ranura / Anillo elástico y arandela de seguridad en aro exterior

Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6200 SERIE</b>				
<b>62/22</b>	62/22 2RS/C3	22,000	50,000	14,000
<b>6200</b>	6200	10,000	30,000	9,000
	6200 2RS			
	6200 2RS/C3			
	6200 Z			
	6200 ZZ			
6200 ZZ/C3				
<b>6201</b>	6201	12,000	32,000	10,000
	6201 2RS			
	6201 2RS/C3			
	6201 Z			
	6201 ZZ			
6201 ZZ/C3				
<b>6202</b>	6202	15,000	35,000	11,000
	6202 2RS			
	6202 2RS/C3			
	6202 Z			
6202 ZZ/C3				
<b>6203</b>	6203	17,000	40,000	12,000
	6203 2RS			
	6203 2RS/C3			
	6203 Z			
	6203 ZZ			
6203 ZZ/C3				
<b>6203/12</b>	6203/12 2RS	12,000	40,000	12,000
<b>6204</b>	6204	20,000	47,000	14,000
	6204 2RS			
	6204 2RS/C3			
	6204 Z			
6204 ZZ/C3				
<b>6205</b>	6205	25,000	52,000	15,000
	6205 2RS			
	6205 2RS/C3			
	6205 Z			
	6205 ZZ			
6205 ZZ/C3				
<b>6205 B12 D56</b>	6205 B12 D56	25,000	56,000	12,000
<b>6206</b>	6206	30,000	62,000	16,000
	6206 2RS			
	6206 2RS/C3			
	6206 Z			
	6206 ZZ			
6206 ZZ/C3				

# 04.1 \ Standard ball bearings Rodamientos de bolas estándar



Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6200 SERIE</b>				
<b>6207</b>	6207 6207 2RS 6207 2RS/C3 6207 Z 6207 ZZ 6207 ZZ/C3	35,000	72,000	17,000
<b>6207/33</b>	6207/33	33,000	72,000	17,000
<b>6208</b>	6208 6208 2RS 6208 2RS/C3 6208 Z 6208 ZZ 6208 ZZ/C3	40,000	80,000	18,000
<b>6209</b>	6209 6209 2RS 6209 2RS/C3 6209 Z 6209 ZZ 6209 ZZ/C3	45,000	85,000	19,000
<b>6210</b>	6210 6210 C3 6210 2RS 6210 2RS/C3 6210 Z 6210 ZZ 6210 ZZ/C3	50,000	90,000	20,000
<b>6211</b>	6211 6211 2RS 6211 2RS/C3 6211 Z 6211 ZZ 6211 ZZ/C3 6211 C3	55,000	100,000	21,000
<b>6212</b>	6212 6212 2RS 6212 2RS/C3 6212 Z 6212 ZNR/C3 6212 ZZ 6212 ZZ/C3	60,000	110,000	22,000



Suffixes / Sufijos

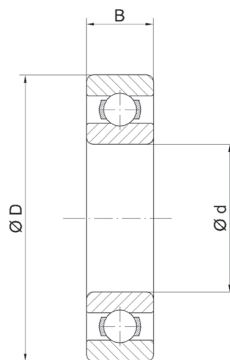
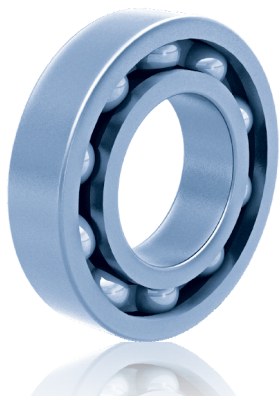
- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- C4** Internal clearance greater than C3 / Juego radial mayor que C3
- RS** Rubbing seal at one side / Tapa retén en una cara
- 2RS** Rubbing seals at both sides / Tapa retén en las dos caras
- Z** Shield at one side / Tapa en una cara
- ZZ** Shields at both sides / Tapas en las dos caras
- NR** Snap ring groove and snap ring Ranura / Anillo elástico y arandela de seguridad en aro exterior

Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6213</b>	6213	65,000	120,000	23,000
	6213 2RS			
	6213 2RS/C3			
	6213 2RS NR/C3			
	6213 NR			
	6213 Z			
	6213 ZMNR/C3			
	6213 ZZ			
6213 ZZ/C3				
<b>6214</b>	6214	70,000	125,000	24,000
	6214 2RS			
	6214 2RS/C3			
	6214 Z			
	6214 ZZ			
	6214 ZZ/C3			
<b>6215</b>	6215	75,000	130,000	25,000
	6215 2RS			
	6215 2RS/C3			
	6215 NR/C3			
	6215 Z			
	6215 ZZ			
	6215 ZZ/C3			
<b>6216</b>	6216	80,000	140,000	26,000
	6216 2RS			
	6216 2RS/C3			
	6216 C3			
	6216 C4			
	6216 Z			
	6216 ZZ			
	6216 ZZ/C3			
<b>6217</b>	6217	85,000	150,000	28,000
	6217 C3			
<b>6217/80</b>	6217/80	80,000	150,000	28,000
	6217/80 C3			
<b>6218</b>	6218	90,000	160,000	30,000
	6218 C3			

62200 SERIE				
<b>62201</b>	62201 2RS/C3	12,000	32,000	14,000
<b>62202</b>	62202 2RS/C3	15,000	35,000	14,000
<b>62204</b>	62204 2RS	20,000	47,000	18,000
<b>62205</b>	62205 2RS	25,000	52,000	18,000
<b>62206</b>	62206 2RS	30,000	62,000	20,000
<b>62207</b>	62207 2RS	35,000	72,000	23,000
<b>62208</b>	62208 2RS	40,000	80,000	23,000
<b>N 62212</b>	62212 2RS	60,000	110,000	28,000

# 04.1 \ Standard ball bearings

## Rodamientos de bolas estándar



Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>62300 SERIE</b>				
<b>62304</b>	62304 2RS/C3	20,000	52,000	21,000
<b>62305</b>	62305 62305 2RS/C3	25,000	62,000	24,000
<b>62306</b>	62306 2RS/C3	30,000	72,000	27,000

<b>63 / SERIE</b>				
<b>63/22</b>	63/22	22,000	56,000	16,000
<b>63/28</b>	63/28 63/28 2RS/C3	28,000	68,000	18,000
<b>63/32</b>	63/32 2RS 63/32 NR/C3	32,000	75,000	20,000

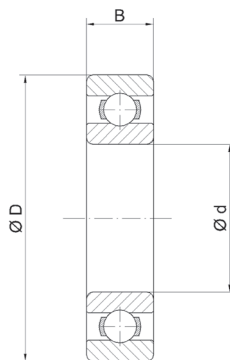
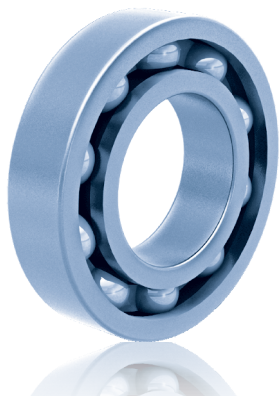
<b>63000 SERIE</b>				
<b>6300</b>	6300 6300 2RS 6300 2RS/C3 6300 Z 6300 ZZ 6300 ZZ/C3	10,000	35,000	11,000
<b>6301</b>	6301 6301 2RS 6301 2RS/C3 6301 Z 6301 ZZ 6301 ZZ/C3	12,000	37,000	12,000
<b>6302</b>	6302 6302 2RS 6302 2RS/C3 6302 Z 6302 ZZ 6302 ZZ/C3	15,000	42,000	13,000
<b>6303</b>	6303 6303 2RS 6303 2RS/C3 6303 Z 6303 ZZ 6303 ZZ/C3	17,000	47,000	14,000
<b>6303/15</b>	6303/15 2RS	15,000	47,000	14,000
<b>6304</b>	6304 6304 2RS 6304 2RS/C3 6304 Z 6304 ZZ 6304 ZZ/C3	20,000	52,000	15,000

Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- C4** Internal clearance greater than C3 / Juego radial mayor que C3
- 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
- NR** Snap ring groove and snap ring Ranura / Anillo elástico y arandela de seguridad en aro exterior

Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6304 B12</b>	6304 B12	20,000	52,000	12,000
<b>6304 B12 D56</b>	6304 B12 D56	20,000	56,000	12,000
<b>6304/17</b>	6304/17 2RS	17,000	52,000	15,000
<b>6304/17 B16</b>	6304/17 B16 2RS	17,000	52,000	16,000
<b>6304/17 B17</b>	6304/17 B17 2RS	17,000	52,000	17,000
<b>6305</b>	6305 6305 2RS 6305 2RS/C3 6305 Z 6305 ZZ 6305 ZZ/C3	25,000	62,000	17,000
<b>6306</b>	6306 6306 2RS 6306 2RS/C3 6306 NR/C3 6306 Z 6306 ZZ 6306 ZZ/C3	30,000	72,000	19,000
<b>6306/25</b>	6306/25 2RS/C3	25,000	72,000	19,000
<b>6307</b>	6307 6307 2RS 6307 2RS C3 6307 Z 6307 ZZ 6307 ZZ/C3	35,000	80,000	21,000
<b>6307 B23</b>	6307 B23	35,000	80,000	23,000
<b>6308</b>	6308 6308 2RS 6308 2RS/C3 6308 Z 6308 ZZ 6308 ZZ/C3	40,000	90,000	23,000
<b>6309</b>	6309 6309 2RS 6309 2RS/C3 6309 Z 6309 ZZ 6309 ZZ/C3	45,000	100,000	25,000
<b>6310</b>	6310 6310 2RS 6310 2RS/C3 6310 NR/C3 6310 Z 6310 ZZ 6310 ZZ/C3	50,000	110,000	27,000

# 04.1 \ Standard ball bearings Rodamientos de bolas estándar



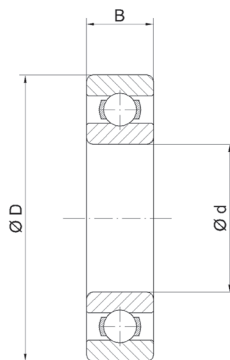
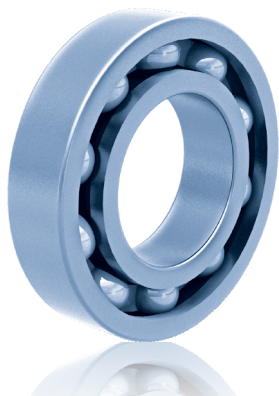
Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>63000 SERIE</b>				
<b>6311</b>	6311 6311 2RS 6311 2RS/C3 6311 NR 6311 Z 6311 ZZ 6311 ZZ/C3	55,000	120,000	29,000
<b>6312</b>	6312 6312 2RS 6312 2RS/C3 6312 NR/C3 6312 Z 6312 ZZ 6312 ZZ/C3	60,000	130,000	31,000
<b>6313</b>	6313 6313 2RS 6313 2RS/C3 6313 C3 6313 C4 6313 Z 6313 ZZ 6313 ZZ/C3	65,000	140,000	33,000
<b>6314</b>	6314 6314 2RS 6314 2RS/C3 6314 NR/C3 6314 Z 6314 ZZ 6314 ZZ/C3	70,000	150,000	35,000
<b>6315</b>	6315 6315 2RS 6315 2RS/C3 6315 Z 6315 ZZ 6315 ZZ/C3	75,000	160,000	37,000
<b>63010 SERIE</b>				
<b>63010</b>	63010 2RS	50,000	80,000	23,000

Suffixes / Sufijos

- C3** Internal clearance greater than normal / Juego radial mayor que el normal
- C4** Internal clearance greater than C3 / Juego radial mayor que C3
- 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
- NR** Snap ring groove and snap ring Ranura / Anillo elástico y arandela de seguridad en aro exterior

Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6400 SERIE</b>				
<b>6403</b>	6403	17,000	62,000	17,000
	6403 2RS			
	6403 2RS/C3			
	6403 Z			
	6403 ZZ			
6403 ZZ/C3				
<b>6404</b>	6404	20,000	72,000	19,000
	6404 2RS			
	6404 2RS/C3			
	6404 Z			
	6404 ZZ			
6404 ZZ/C3				
<b>6405</b>	6405	25,000	80,000	21,000
	6405 2RS			
	6405 2RS/C3			
	6405 Z			
	6405 ZZ			
6405 ZZ/C3				
<b>6406</b>	6406	30,000	90,000	23,000
	6406 2RS			
	6406 2RS/C3			
	6406 Z			
	6406 ZZ			
6406 ZZ/C3				
<b>6407</b>	6407	35,000	100,000	25,000
	6407 2RS			
	6407 2RS/C3			
	6407 Z			
	6407 ZZ			
6407 ZZ/C3				
<b>6408</b>	6408	40,000	110,000	27,000
	6408 2RS			
	6408 2RS/C3			
	6408 Z			
	6408 ZZ			
6408 ZZ/C3				
<b>6409</b>	6409	45,000 j	120,000	29,000
	6409 2RS			
	6409 2RS/C3			
	6409 Z			
	6409 ZZ			
6409 ZZ/C3				

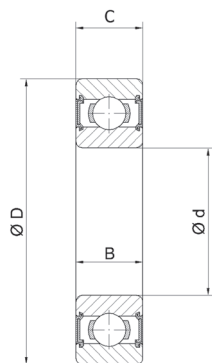
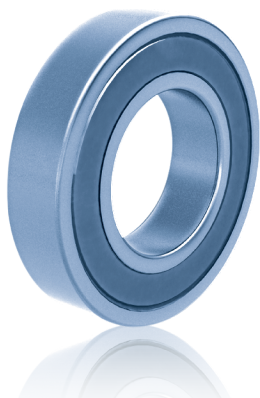
# 04.1 \ Standard ball bearings Rodamientos de bolas estándar



Serie	Fersa	d (mm)	D (mm)	B (mm)
<b>6400 SERIE</b>				
<b>6410</b>	6410 6410 2RS 6410 2RS/C3 6410 Z 6410 ZZ 6410 ZZ/C3	50,000	130,000	31,000
<b>6411</b>	6411 6411 2RS 6411 2RS/C3 6411 Z 6411 ZZ 6411 ZZ/C3	55,000	140,000	33,000
<b>6412</b>	6412 6412 2RS 6412 2RS/C3 6412 Z 6412 ZZ 6412 ZZ/C3	60,000	150,000	35,000
<b>6413</b>	6413 6413 2RS 6413 2RS/C3 6413 Z 6413 ZZ 6413 ZZ/C3	65,000	160,000	37,000
<b>6414</b>	6414 6414 2RS 6414 2RS/C3 6414 Z 6414 ZZ 6414 ZZ/C3	70,000	180,000	42,000
<b>6415</b>	6415 6415 2RS 6415 2RS/C3 6415 Z 6415 ZZ 6415 ZZ/C3	75,000	190,000	45,000



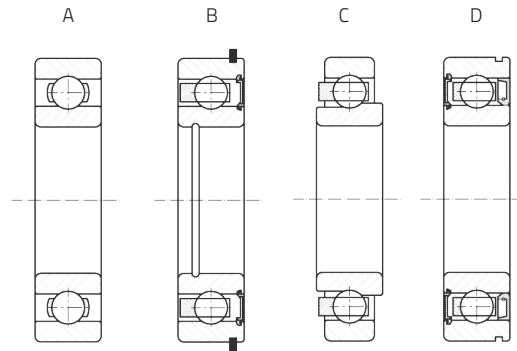
## 04.2 \ Special ball bearings Rodamientos de bolas especiales
























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

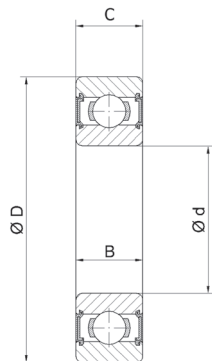
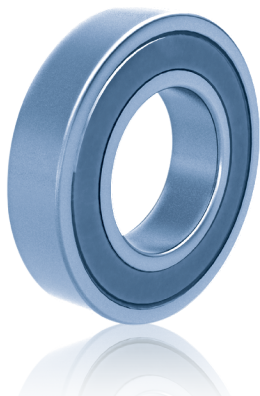


## Type / Tipo



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

## 04.2 \ Special ball bearings Rodamientos de bolas especiales



Fersa	d (mm)	D (mm)	C / B (mm)	TYPE
F 18043	28,000	75,000	21,000	D
F 18046 2RS	12,000	32,000	10,000 / 15,350	ESP
F 18046 ZZ	12,000	32,000	10,000 / 15,350	ESP
F 18047	30,000	75,000	21,000	D
F 18048	32,000	80,000	23,000	D
F 18049	50,000	90,000	22,000 / 16,000	ESP
F 18050	40,000	94,000	26,000	ESP
F 18051	40,000	90,000	23,000	ESP
F 18052	80,000	110,000	16,000	A
F 18053	70,000	140,000	26,000	A
F 18054	55,000	116,000	28,000	A
F 18055	60,000	130,000	31,000	A
F 18056	55,000	120,000	29,000	A
<b>N</b> F 18058	25,000	55,000	15,000	A
<b>N</b> F 18059	80,000	140,000	26,000	A
<b>N</b> F 18060	72,000	130,000	25,000	A
<b>N</b> F 18062	25,000	62,000	19,000	A



\*ESP For more special drawing details, contact with Fersa / Para más información técnica, contactar con Fersa.



# Angular contact ball bearings

## Rodamientos de bolas de contacto angular

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05.1 \	Special double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular especiales	80
05.2 \	Standard double row angular contact ball bearings / Rodamientos de bolas de doble hilera de contacto angular estándar	94
05.3 \	Four point angular contact ball bearings / Rodamientos de bolas de cuatro puntos de contacto angular	96
05.4 \	Air conditioning / Aire acondicionado	98

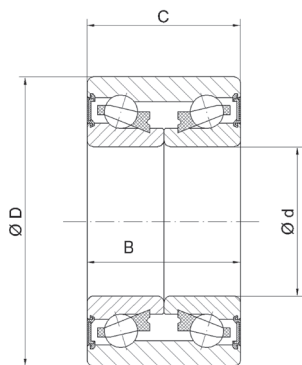
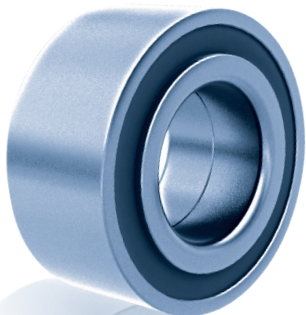
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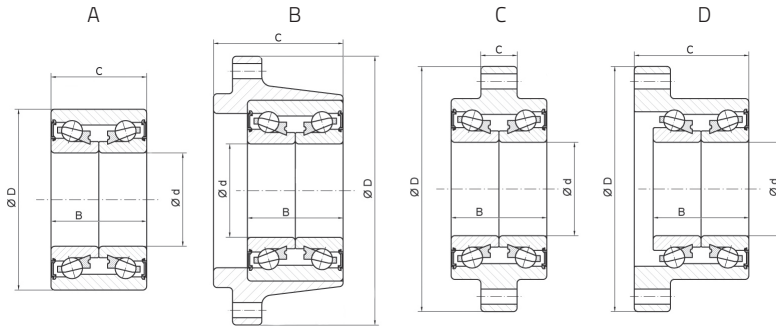
# 05.1 \ Special double row angular contact ball bearings




























## 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

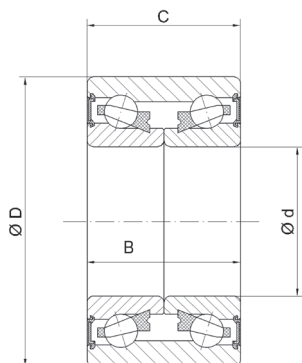
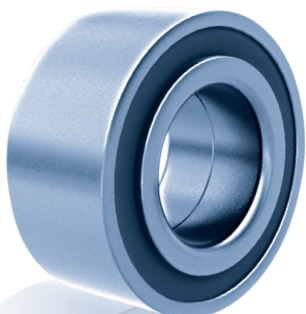
## Type / Tipo



Fersa	CROSS REF.			
<b>F 16001</b>	SKF FAG SNR IRB INA	BA2B 633313 C 545312 GB 10790 505 IR 8040 F 45721		 <b>DELOREAN</b> (DMC 12) <b>FIAT</b> (124 * 128 * Strada * Uno * X 1/9) <b>LADA</b> (Samara * Signet) <b>LANCIA</b> (Zagato) <b>YUGO</b>
<b>F 16002</b>	SKF FAG SNR IRB INA	BAH 0031 BAH 0031 D 541153 A 567918 GB 10840 504 IR 8026 F 45951		 <b>FIAT</b> (Duna * Fiorino) <b>SKODA</b> (FAVORIT * FELICIA) <b>VW</b> (CADDY)
<b>F 16004</b>	SKF	BAH 5000 AA BAH5000AA		 <b>CITROËN</b> (Ax * Saxo) <b>PEUGEOT</b> (106)
<b>F 16010</b>	SKF SNR IRB	BAF 0013 AD TGB 40490 IR 8505		 <b>ALFA ROMEO</b> (1445 * 146)
<b>F 16018</b>	SKF FAG IRB	BAHB 311316 B 561447 IR 8051		 <b>AUDI</b> (50) <b>VOLKSWAGEN</b> (Derby * Polo)
<b>F 16019</b>	SKF FAG IRB SNR	309726 DA 532066 IR 8041 GB 10884		 <b>DAEWOO</b> (Nexia * Cielo * Lanos * Racer) <b>GM</b> (Aveo) <b>PONTIAC</b> (G3 * Optima) <b>VOLKSWAGEN</b> (Atlantic * Caribe)
<b>F 16020</b>	SKF FAG IRB INA	BAHB 636114 A 580400 IR 8622 F 110487.1		 <b>OPEL</b> (Astra * Combo * Corsa * Kadett * Tigra * Vectra) <b>GM</b> (Chevy)
<b>F 16021</b>	FAG IRB SNR	546238 IR 8042 GB12438S01		 <b>CITROËN</b> (Xantia) <b>RENAULT</b> (Clio * Express)
<b>F 16022</b>	SKF IRB	BAH 5001 A IR 8091		 <b>CITROËN</b> (Ax * Saxo) <b>PEUGEOT</b> (106)
<b>F 16023</b>	SKF FAG	BAH 0023 544307		 <b>VOLKSWAGEN</b> (Golf * Jetta * Lupo * Polo) <b>SEAT</b> (Arosa)
<b>F 16026</b>	SKF FAG IRB SNR	BA2B 446762 B 548083 IR 8055 GB 12094 510		 <b>CITROËN</b> (AX * C15 * ZX * Xsara) <b>FIAT</b> (Tipo) <b>PEUGEOT</b> (Partner)
<b>F 16027</b>	SKF	BAH 0013 D		 <b>FIAT</b> (LINEA * TEMPRA)
<b>F 16029</b>	SKF IRB SNR	BAH 0051 B IR 8740 GB 40547		 <b>CITROËN</b> (C2 * C3 * Saxo * Xsara) <b>PEUGEOT</b> (106 * 206 * 306)

# 05.1 \ Special double row angular contact ball bearings

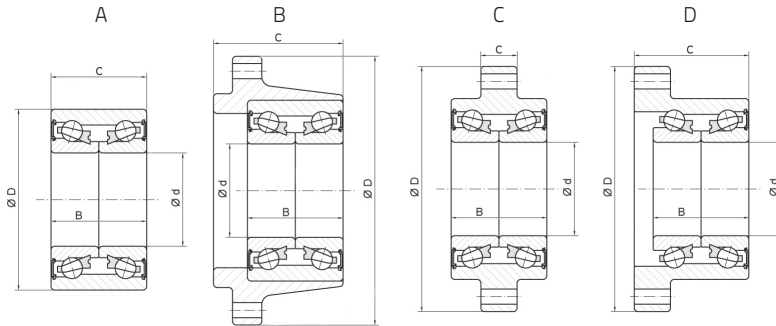
## Rodamientos de bolas de doble hilera de contacto angular especiales






















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



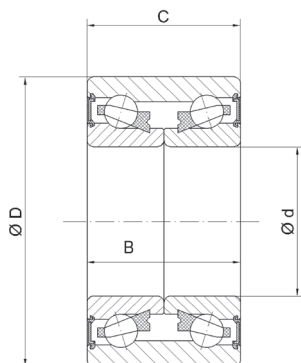
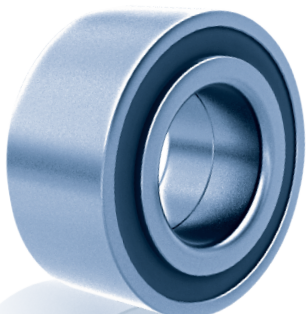
### Type / Tipo



Fersa	CROSS REF.		
<b>F 16030</b>	SKF BAH 0094 IRB IR 8066 SNR GB 40706 IRB F 113175		 <b>NISSAN</b> (Platina) <b>RENAULT</b> (Clio * Kangoo * Laguna I * MEGANE * SCENIC * SAFRANE)
<b>F 16031</b>	SKF BAH 0012 AD FAG 562398 A IRB IR 8088 SNR GB 12131 503		 <b>ALFA ROMEO</b> (33)
<b>F 16032</b>	SKF 309946 AC FAG 541521 C IRB IR 8513 NATIONAL 511020		 <b>BMW</b> (518 * 520 * 524 * 525 * 530 * 535)
<b>F 16033</b>	SKF BAFB 447318 B IRB IR 8591		 <b>BMW</b> (518 * 520 * 524 * 525 * 530 * 535 * 730 * 735 * 740 * 750 * 840 * 850)
<b>F 16034</b>	SKF BAH 0041 D FAG 574795A IRB IR 8655 NATIONAL 514002		 <b>LEXUS</b> (ES250) <b>NISSAN</b> (SUNNY * ALMERA * LUCINO * SENTRA * TSUBAME * TSURU III) <b>TOYOTA</b> (RAV4)
<b>F 16035</b>	SKF BAHB 311315 BD FAG 540733 IRB IR 8052 INA F 45747.2 NATIONAL 510024		 <b>AUDI</b> (80 * Coupe * 90) <b>FORD</b> (Escort * Ghia * Tempo * Topaz) <b>MERCURY</b> (Cougar * Mystique) <b>VOLKSWAGEN</b> (Corsar * Golf * Jetta * Passat * Santana)
<b>F 16036</b>	SKF BA2B 309639 BA / BAHB 311396 B FAG 542186 A IRB IR 8085 SNR GB 41599 / GB 12776 INA F 45920.2 NATIONAL 513113		 <b>BMW</b> (316 * 318 * 320 * 324 * 325 * M3 * Z3) <b>CHEVROLET</b> (Astra * Zafira) <b>DAEWOO</b> (Cielo * Lanos * NEXIA * Nubira * ESPERO) <b>FORD</b> (Courier * Ecosport * ESCORT * Fiesta * Focus * Fusion * Ikon * KA * PUMA * ORION) <b>LOTUS</b> (ELAN) <b>MAZDA</b> (2) <b>PONTIA</b> (Optima) <b>VOLKSWAGEN</b> (CROSSFOX * GOL * LUPO * POINTER * SAVEIRO * VAN)
<b>F 16037</b>	SKF BAHB 636096 A FAG 579557 SNR IR 8603 NATIONAL 510052		 <b>CHEVROLET</b> (OPTRA) <b>DAEWOO</b> (Leganza) <b>OPEL</b> (ASTRA * CALIBRA * OMEGA * VECTRA) <b>SAAB</b> (9 3 CONVERTIBLE * 9 5 * 900)
<b>F 16038</b>	SKF BAHB 633815 AA FAG 567447 B IRB IR 8530 SNR GB 12399501		 <b>AUDI</b> (A4 * A6 * 80 * CABRIO * Coupe 90) <b>SKODA</b> (Super B) <b>VOLKSWAGEN</b> (Passat * Santana)

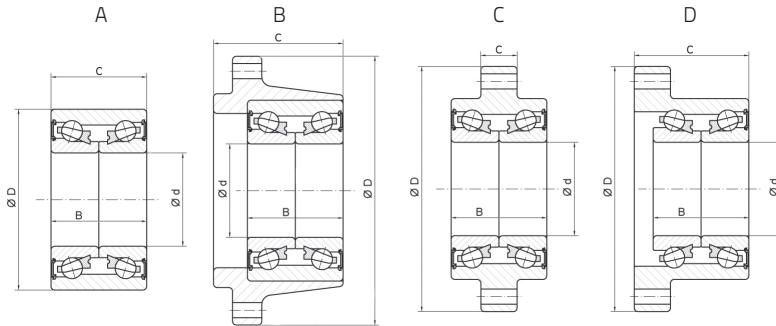
## 05.1 \ Special double row angular contact ball bearings


























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

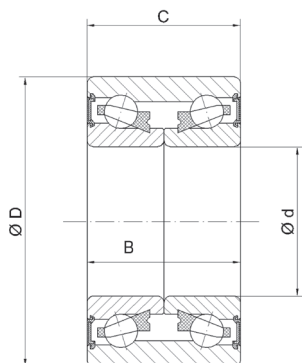
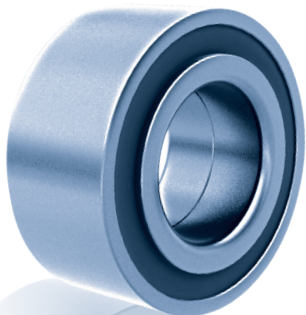
## Type / Tipo



Fersa	CROSS REF.			
<b>F 16039</b>	SKF FAG IRB SNR NATIONAL	BAHB 311443 B 566719 IR 8095 GB 12320502 510004		 <b>SEAT</b> (CORDOBA * INCA * IBIZA * TOLEDO) <b>VW</b> (CABRIO * CADDY * CORRADO * DERBY * Golf * Jetta * Passat * POLO CLASSIC * VENTO)
<b>F 16040</b>	SKF FAG IRB	BAH 0049 C 801136 IR 8668		 <b>AUDI</b> (A3 * S3 * TT) <b>SEAT</b> (LEON * TOLEDO) <b>SKODA</b> (OCTAVIA * ROOMSTER <b>VW</b> (BORA * Golf * NEW BEETLE * Jetta)
<b>F 16041</b>	NSK SNR NATIONAL	40BWD05CA60 IR 8583 513053		 <b>HONDA</b> (ACCORD) <b>MG</b> (ZR) <b>ROVER</b> (25 * 200 * 400 * CABRIO * Coupe)
<b>F 16042</b>	FAG IRB SNR	565636 IR 8006 Y44FB.10394 S02		 <b>PEUGEOT</b> (204 * 304 * 305)
<b>F 16043</b>	SNR	GB 10800		 <b>TALBOT</b> (HORIZON * 1300)
<b>F 16044</b>	SNR IRB	TGB 10872 S02 IR 8048		 <b>RENAULT</b> (Space)
<b>F 16045</b>	SKF SNR	BAHB 311424 B GB 12010		 <b>BMW</b> (318, 320i, 323, 325, 328 (E36))
<b>F 16046</b>	FAG IRB	545495 IR 8509		 <b>ALFA ROMEO</b> (75 * 90 * GTV) <b>BMW</b> (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO * Z1 * Z4)
<b>F 16048</b>	SKF FAG IRB SNR NATIONAL	BAH 0171 561481 IR 8086 GB 12163 S04 513073		 <b>CITROËN</b> (Berlingo) <b>PEUGEOT</b> (206 * 207 * 306 * 307 * 308 * 405 * 505 * 604 * PARTNER)
<b>F 16051</b>	SKF FAG IRB SNR	BAH 0177 543359 B IR 8101 GB 40549 / GB 10702 S03		 <b>RENAULT</b> (20 * 30 * Traffic) <b>VAUXHALL</b> (Arena)
<b>F 16052</b>	SNR NSK NATIONAL	XGB 41999 43BWD08CA103 510030		 <b>ACCURA</b> (EL) <b>HONDA</b> (Civic) <b>MG</b> (ZS) <b>ROVER</b> (45 * 400)
<b>F 16054</b>	SKF IRB NATIONAL	BAH 0011 AB IR 8737 510019		 <b>AUDI</b> (A4 * A8 * ALLROAD * V8 * A8 * Coupe * CABRIO * 80 * 100 * 200) <b>SKODA</b> (SuperB) <b>VOLKSWAGEN</b> (Passat)

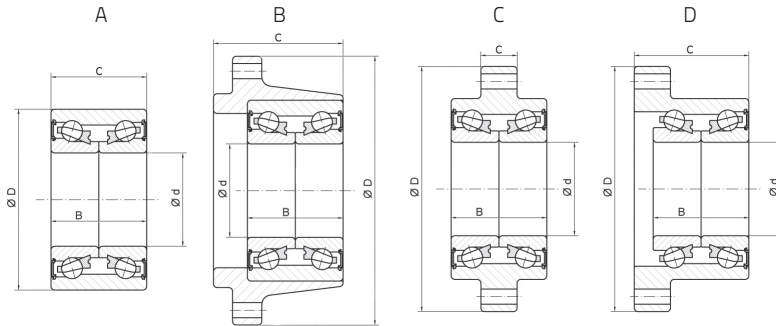
# 05.1 \ Special double row angular contact ball bearings






























## 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

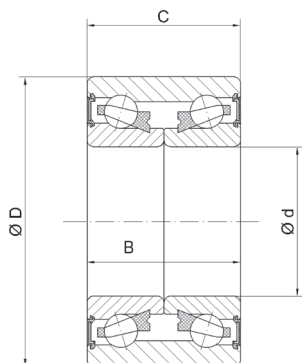
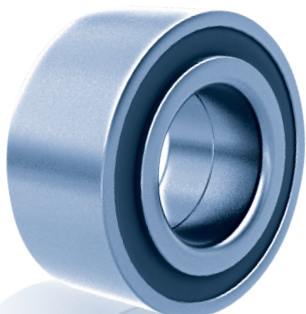
## Type / Tipo



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

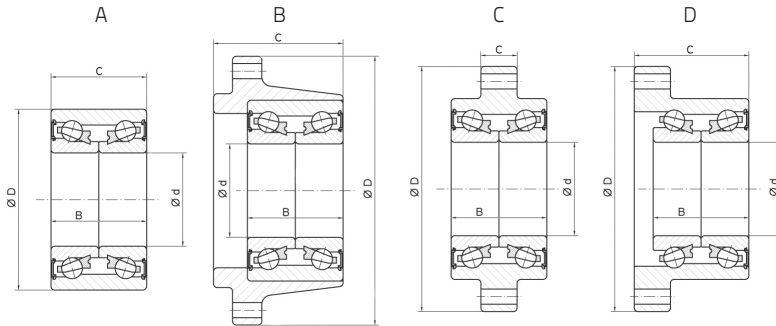
# 05.1 \ Special double row angular contact ball bearings




























## 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

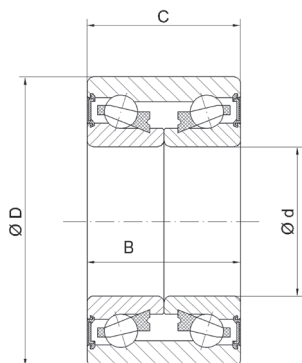
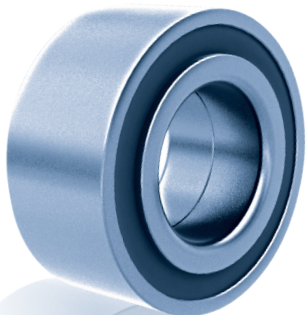
## Type / Tipo



Fersa	CROSS REF.				
<b>F 16082</b>	TIMKEN FAG	TKR 8572 547103E			<b>MERCEDES BENZ</b> (190 * Clase C * Clase E * SL * SLK) <b>PEUGEOT</b> (605)
<b>F 16083</b>	FAG	803775			<b>OPEL</b> (COMBO * Corsa * MERIVA * Tigra) <b>GM</b> (Corsa * Corsa NOVO * MERIVA * MONTANA * TORNADO)
<b>F 16084</b>	FAG	547103 E			<b>MERCEDES BENZ</b> <b>PEUGEOT</b> (190 * Vito 605)
<b>F 16085</b>	FAG NSK NATIONAL	564725 AB 42BW/D06CA98 510051			<b>VW</b> (TRANSPORTER)
<b>F 16086</b>	FAG	579943			<b>FORD</b> (GALAXY ) <b>SEAT</b> (ALHAMBRA) <b>VW</b> (SHARAN)
<b>F 16088</b>	SKF FAG SNR NATIONAL	BAH 0028 AA 579943 B GB 35457 510010			<b>KIA</b> (CARENS * SHUMA * SEPHIA * Spectra) <b>MAZDA</b> (323 * 626 * 6 * MVP * MX 5 * MX 6 * XEDOS 6 * XEDOS 9), <b>FORD</b> (Focus * Fusion * LINCOLN * MKX) <b>LINCOLN</b> (MKZ * Zephyr) <b>MERCURY</b> (MILLAN) <b>VOLVO</b> (C 30 * C 70 * S 40 * V 50)
<b>F 16089</b>	SKF	BAH 0049			<b>KIA</b> (SHUMA * SEPHIA) <b>MAZDA</b> (323 * MX 5 * MX 6)
<b>F 16090</b>	SKF KOYO NATIONAL	BAHB 636187 A DAC 4060 M1 513036			<b>HYUNDAI</b> (SONATA) <b>MITSUBISHI</b> (GALANT * ECLIPSE * Space * WA-GON * Space * RUNNER) <b>EAGLE</b> (Summit Wagon * Talon) <b>PLYMOUTH</b> (Colt * Laser)
<b>F 16091</b>	KOYO NATIONAL	DAC 40740034 / 36 510016			<b>MITSUBISHI</b> (CARISMA * COLT * LANCER * MIRAGE MONTERO) <b>DODGE</b> (COLT) <b>EAGLE</b> (SUMMIT) <b>PLYMOUTH</b> (COLT) <b>SUZUKI</b> (XL 7 4X2 4X4)
<b>F 16093</b>	SKF SNR	BAH 0015 E GB 12306502			<b>FIAT</b> (PANDA * PUNTO * SEICENTO * TIPO CINQUECENTO)
<b>F 16094</b>	NSK	27 BWK 04D3			<b>NISSAN</b> (NX)
<b>F 16095</b>	NSK	28 BWK 12			<b>TOYOTA</b> (Corolla)
<b>F 16107</b>	SKF SNR	BAH 0004 AA GB 12955504			<b>ALFA ROMEO</b> (145 * 146 * 155 * 164 * GTV * SPIDER) <b>FIAT</b> (BRAVO * Coupe * CROMA * MAREA) <b>LANCIA</b> (DELTA * KAPPA * THEMA)

# 05.1 \ Special double row angular contact ball bearings

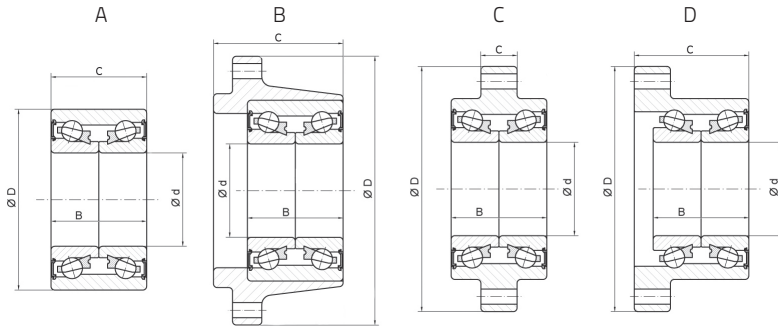
## Rodamientos de bolas de doble hilera de contacto angular especiales



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
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
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



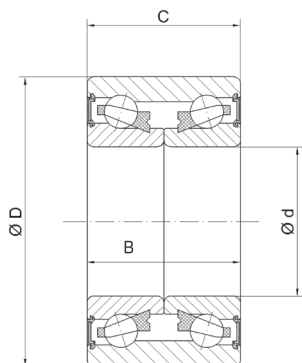
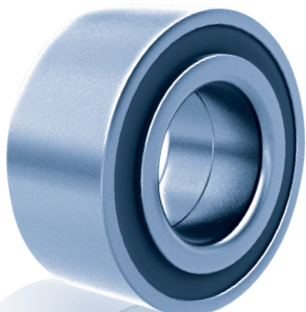
## Type / Tipo



Fersa	CROSS REF.			
<b>F 16108</b>	SNR	XGB 40492 S01 P		 <b>RENAULT</b> (Laguna)
<b>F 16109</b>	SNR NSK	GB 40279S01 49BWD01BCA116		 <b>MERCEDES</b> (Clase M)
<b>F 16110</b>	SKF SNR	BAH 0106 D XGB 35447		 <b>FORD</b> (Fiesta * Fusion * Focus), <b>VW</b> (SAVEIRO)
<b>F 16115</b>	NATIONAL	510001		 <b>Suzuki</b> Swift
<b>F 16117</b>	NTN NATIONAL	DE 08A48LLCS46PX1/ L260 510015		 <b>HONDA</b> (CIVIC IV V * CR V * LOGO)
<b>F 16118</b>	SKF	BAHB 636214 A		 <b>AUDI</b> (A4 * A8)
<b>F 16120</b>	KOYO	DAC3871W2CS70		 <b>Toyota</b> Corolla
<b>F 16121</b>	SNR	GB 40300		 <b>RENAULT</b> (AVANTTIME * ESpace III)
<b>F 16123</b>	SNR	GB 40575 S02		 <b>NISSAN</b> (Primastar * Opel Vivaro)
<b>F 16124</b>	SNR NACHI	GB 35275 38BVV07 10G		 <b>HONDA</b> (CIVIC I II III * ROVER 200)
<b>F 16128</b>	SNR	XGB 40575 S02 P		 <b>NISSAN</b> (Primastar) <b>OPEL</b> (Vivaro) <b>RENAULT</b> (Space)
<b>F 16129</b>	SNR NTN	GB 35098 AU 0501		 <b>OPEL</b> (AGILA) <b>SUZUKI</b> (IGNIS)
<b>F 16193</b>	NTN NATIONAL	AU 0933 510089		 <b>HONDA</b> (Civic)
<b>F 16194</b>	NSK NATIONAL	27 BWK 04D3 513058		 <b>CHRYSLER</b> (Petit Cruiser) <b>DODGE</b> (Neon) <b>FORD</b> (COUGAR * MUSTANG * TAURUS * THUNDERBIRD * WINDSTAR) <b>LINCOLN</b> (Mark VIII) <b>MERCURY</b> (Cougar * Sable)
<b>F 16195</b>	SKF FAG KOYO NATIONAL	BAHB309796A 547059 DAC4276W 513006		 <b>CHRYSLER</b> (DART K * LEBARON * NEW Yorker * PHANTOM * SHADOW * VOLARE K) <b>DODGE</b> (CARAVAN) <b>PLYMOUTH</b> (VOYAGER)
<b>F 16196</b>	NSK NATIONAL	43 BWD 12A JB 5C01 510060		 <b>NISSAN</b> (Altima * Maxima * X-Trail) <b>INFINITI</b> (i30 * i 35)
<b>F1 6197</b>	NATIONAL	510057		 <b>DODGE</b> (Neon) <b>CHRYSLER</b> (PT CRUISER)
<b>F 16198</b>	NATIONAL	510032		 <b>DODGE</b> (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
F 16204	35,000	72,000	33,000	A
F 16205	39,100	74,000	34,000	A
F 16207	42,000	80,000	36,000	A
F 16208	49,000	88,000	48,000	A
<b>N</b> F 16209	30,000	120,000	63,500	A
<b>N</b> F 16210	28,000	120,000	63,500	A
<b>N</b> F 16211	36,000	66,000	35,000	A
<b>N</b> F 16213	42,000	80,000	39,000	A





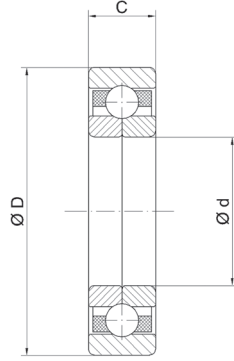
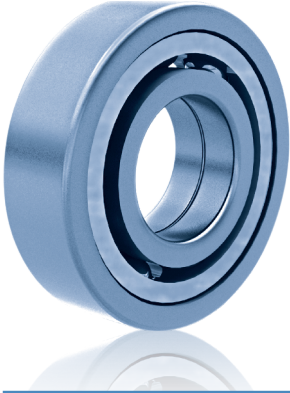




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# 05.3 \ Four point angular contact ball Bearings

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

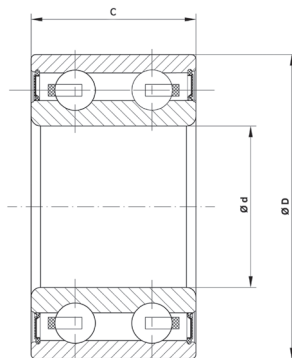
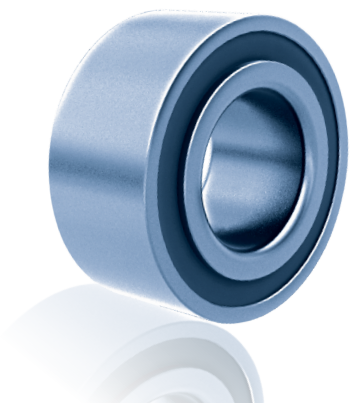


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# 05.4 \ Air conditioning Aire acondicionado



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
<b>F 16097</b>	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
<b>F 16098</b>	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
<b>F 16099</b>	NACHI NSK	35 BG 05S 7G 2DS 35 BD 5020 DUK	Ford, Mitsubishi, Nissan, Honda	Delphi - Mitsubishi - Sanden - Seiko Seiki
<b>F 16100</b>	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
<b>F 16101</b>	NACHI NSK	35 BG 52 22 - 2DS 35 BD 52 22 DF X7	Mercedes Benz, Audi, Volkswagen	Delphi - Denso
<b>F 16102</b>	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
<b>F 16103</b>	NACHI NSK	40 BG 620 20 - 2DL 40 BD 49V	GM , Daewoo	Keihin - Seiko Seiki
<b>F 16104</b>	NACHI KOYO NTN	30 BG S 12G - 2DS BD 30 - 11 A 5206 #37	Chrysler	Chrysler - White
<b>F 16189</b>	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
<b>F 16190</b>	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

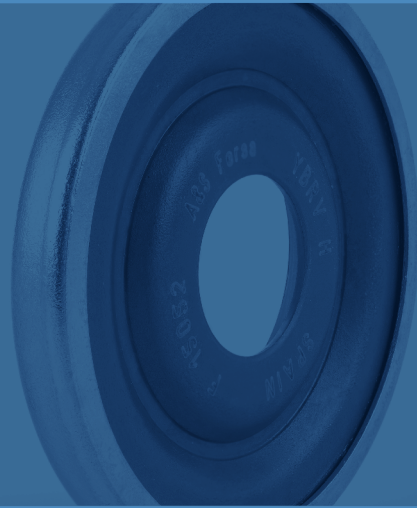
## Rodamientos axiales de bolas

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06.1 \	Thrust ball bearings / Rodamientos axiales de bolas	102
06.2 \	Clutch release bearing / Rodamientos de embrague	104

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06











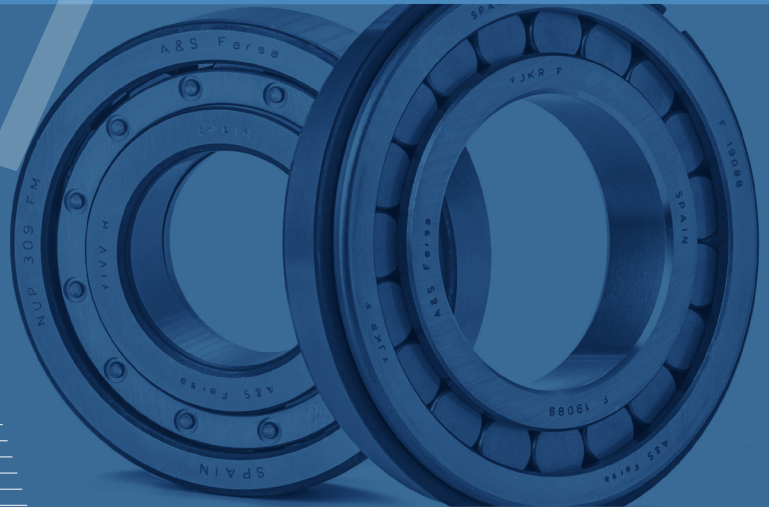
# Cylindrical roller bearings

## Rodamientos cilíndricos

07.1 \	Standard cylindrical bearings / Rodamientos cilíndricos estándar	108
07.2 \	Special cylindrical bearings / Rodamientos cilíndricos especiales	112

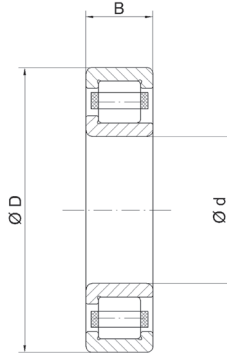
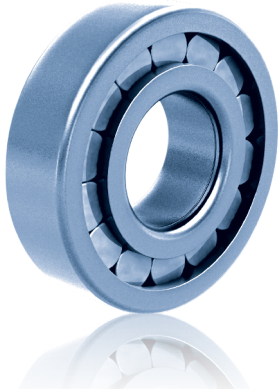


07



# 07.1 \ Standard cylindrical Bearings

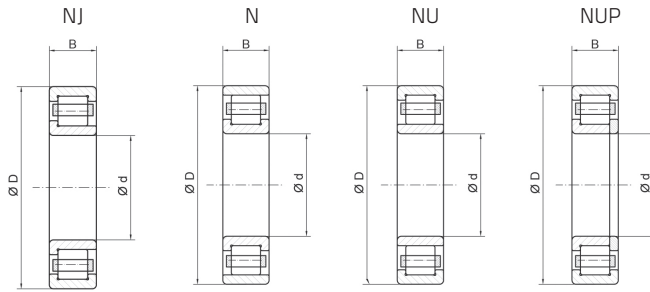
## Rodamientos cilíndricos estándar



Fersa	d (mm)	D (mm)	B (mm)
<b>N SERIE</b>			
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

<b>NJ SERIE</b>			
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
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
NJ 2222 FM/C3	110,000	200,000	53,000
NJ 2315 FM/C4	75,000	160,000	55,000
NJ 2322 FM/C3	110,000	240,000	80,000

<b>NU SERIE</b>			
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

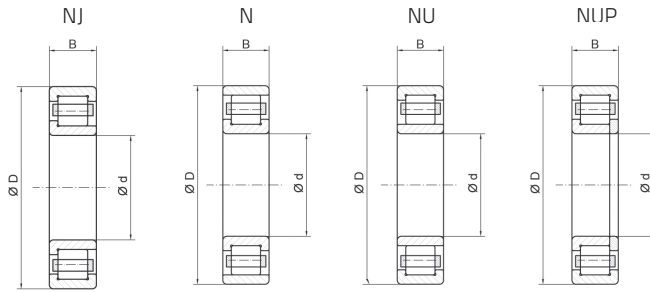
- C3** Internal clearance greater than normal / Juego radial mayor que el normal  
**M** Machined brass cage / Jaula de latón  
**N** Snap ring groove in outer ring / Ranura de anillo elástico en aro exterior  
**NR** Snap ring groove and snap ring in outer ring / Ranura y anillo elástico y arandela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



## Type / Tipo

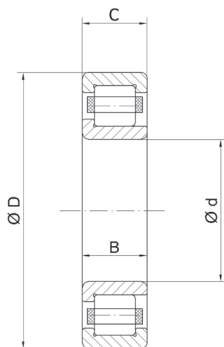
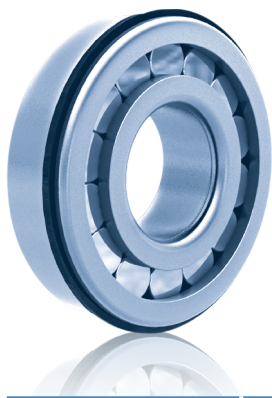


### Suffixes / Sufijos

- 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 de 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

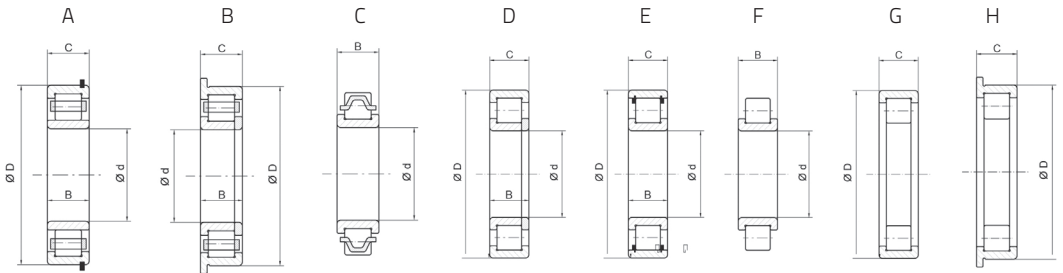












## 07.2 \ Special cylindrical Bearings Rodamientos cilíndricos especiales



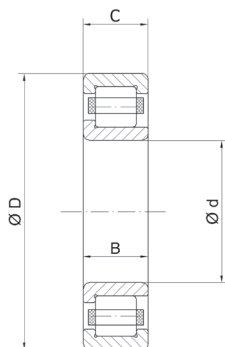
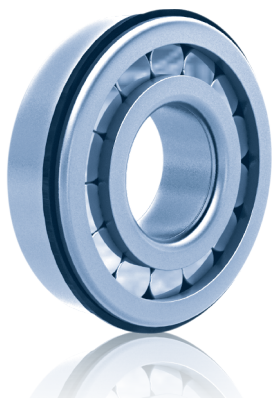
Fersa	d (mm)	D (mm)	T (mm)	TYPE
F 19001	45,000	100,000	36,000	A
F 19002	45,000	100,000	25,000	D
F 19003	45,000	100,000	25,000	D
F 19004	25,000	52,000	18,000 / 20,600	D
F 19005	-	54,600	22,000	G
F 19006	40,000	90,000	23,000	D
F 19008	80,000	150,000	27,500 / 28,000	B
F 19009	60,000	130,000	31,000	B
F 19010	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 (85 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 (85 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			

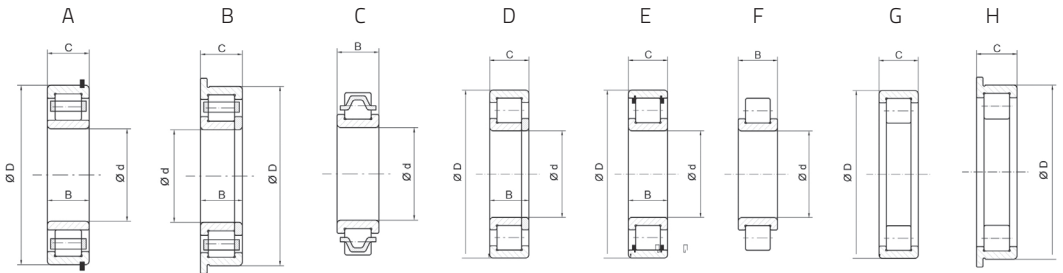
## 07.2 \ Special cylindrical Bearings Rodamientos cilíndricos especiales



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
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

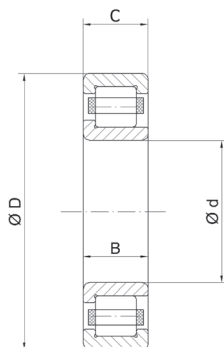
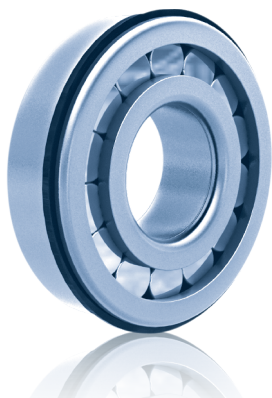


## Type / Tipo



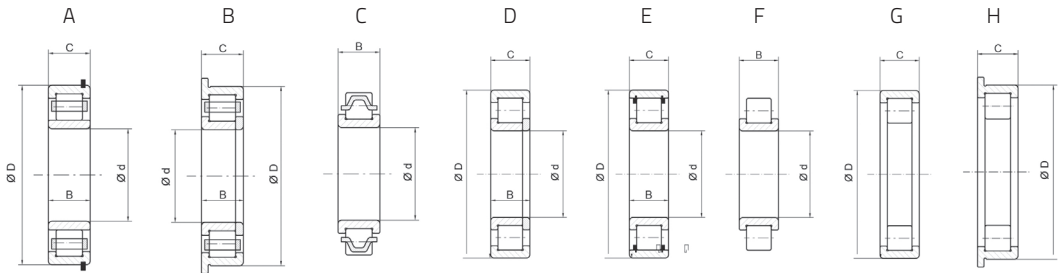
Fersa	CROSS REF.				
<b>F 19029</b>	SKF	BC1B 635251			<b>FIAT</b> (Duna * Uno * Spacio * Vivace * Brio * 147)
<b>F 19030</b>	FLT	CBK 238			
<b>F 19031</b>	FLT	CBK 239			
<b>F 19032</b>	TORRINGTON	544740 B			
<b>F 19033</b>	TORRINGTON	RU 9008 UM			<b>MERITOR</b> (900)
<b>F 19034</b>	TORRINGTON	MU 1308 UM			<b>EATON</b> (RS440)
<b>F 19035</b>	TORRINGTON	RU 1570 UM			<b>DANA SPICER</b> (N400)
<b>F 19037</b>	INA	F 88545			<b>ZF</b> (16K 160 * 16K 190 * 16S 130 * 16S 1300 * 16S 1600)
<b>F 19038</b>	INA	F 88816.2			<b>ZF</b> (16S 160 * 16S 190)
<b>F 19039</b>	SKF FAG	BC1B 312219 805450			<b>ZF</b> (16S 1650)
<b>F 19040</b>	TORRINGTON	MU1305TDM			<b>EATON</b> (16244)
<b>F 19042</b>	FAG	804339			<b>ZF</b> (S5 680 * S6 680)
<b>F 19043</b>	FAG	510148 B			<b>MERCEDES BENZ</b> (HL4)
<b>F 19044</b>	FAG INA	508204 E.TVP 561521			<b>MERCEDES BENZ</b> (G3 36 * G3 40 * G3 50 * G3 60)
<b>F 19045</b>	SNR	ETR 122205			
<b>F 19046</b>	SKF	BC1B 322467			<b>MERCEDES BENZ</b> (G3 45 * G3 55)
<b>F 19047</b>	SKF	BC1B 322172 A			<b>MERCEDES BENZ</b> (G3 45 * G3 55)
<b>F 19048</b>	INA	F 93666.2			<b>FORD</b> (6600 * 6610)
<b>F 19055</b>	RHP	RJ 2023			
<b>F 19061</b>	INA	F 211413.2			<b>ZF</b> (16S 150 * 16S 151)
<b>F 19062</b>	INA	F 211408.5			<b>ZF</b> (16S 220 * 16S 221)
<b>F 19063</b>	SKF	BC1B 320308 A			<b>ROCKWELL</b> (U167 * U177 * U180)
<b>F 19064</b>	SKF	BC1B 319546C / VB017			
<b>F 19065</b>	SKF	BC1B 246037 A			<b>VOLVO</b> (R1400 * R1700 * SR1400 * SR1700 * SR2000 * SR2400)
<b>F 19066</b>	INA	F 43710.1			<b>VOLKSWAGEN</b> (Transporter)
<b>F 19067</b>	LBC	4302712			
<b>F 19068</b>	TORRINGTON	M 1206 EL			<b>GMC</b> (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
F 19085	45,000	100,000	25,000	E
F 19086	35,000	72,000	26,988	E
F 19088	60,000	110,000	22,000	E
F 19089	40,000	94,000	30,000	A
F 19090	37,000	57,000	31,000	A
F 19091	30,000	72,000	19,000	A
<b>N</b> F 19093	25,000	57,000	18,000	A
<b>N</b> F 19095	28,500	47,600	32,000	C
<b>N</b> F 19096	30,000	62,000	24,000	A
<b>N</b> F 19097	55,000	104,000	27,000	A
<b>N</b> F 19099	35,000	80,000	26,000	E
<b>N</b> F 19100	35,000	80,000	21,000	E
<b>N</b> F 19101	55,000	100,000	21,000	A
<b>N</b> F 19105	65,000	160,000	37,000	A
<b>N</b> F 19106	65,000	160,000	37,000	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 (85 1350 * 16K 130 * 165 130 * 165 1300 * 165 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)
F 19085	TORRINGTON	BS500192S			FULLER (RTLO 16918)
F 19086	TORRINGTON	MUB5207UM			EATON (23070T * 23070P)
F 19088	TORRINGTON	MU 1212 RUMW3			EATON (RTLO 16918)
F 19089	FAG	575867,000			MAN (HY 1175)
F 19090	INA	F 224451.04			MERCEDES BENZ (G60 * G85)
F 19091	INA	F-53597			MERCEDES BENZ
<b>N</b> F 19093	KOYO	05NU0618-IVH	LCV		HINO (300) VOLKSWAGEN (Vochobus)
<b>N</b> F 19095	TORRINGTON	BS 500082			FULLER (RTLO 16918)
<b>N</b> F 19096	INA	F-110214.1			MERCEDES BENZ (HL2)
<b>N</b> F 19097	INA	F-221302.01			SCANIA 1408178
<b>N</b> F 19099	TORRINGTON	MUB7307UM			DANA DS402/R5402
<b>N</b> F 19100	TORRINGTON	MUB1307UBM			DANA 127484
<b>N</b> F 19101	TORRINGTON	MSN 211 REX			EATON 20899
<b>N</b> F 19105	FAG	539090 A			VOLVO R61 * SR61 * SR62
<b>N</b> F 19106	FAG	524625			VOLVO SR62

# Needle roller bearing

## Rodamientos de agujas

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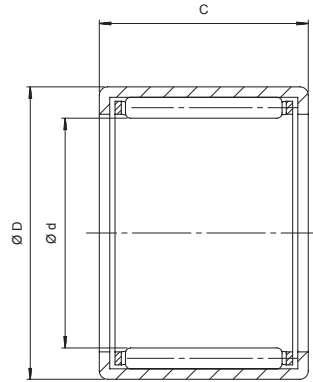
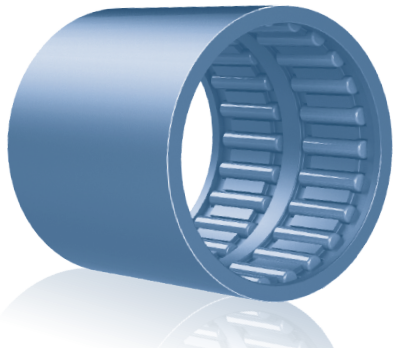
08.1 \	Drawn cup needle roller bearing / Casquillos de agujas	120
08.2 \	Thrust needle roller bearing / Rodamientos axiales de agujas	122
08.3 \	Special needle roller bearing / Rodamientos de agujas especiales	124

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08



# 08.1 \ Drawn cup needle roller bearing Casquillos de agujas



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



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

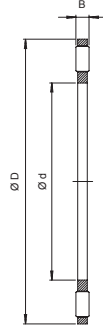
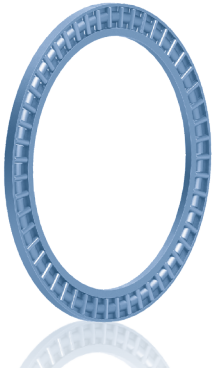


Fersa	CROSS REF.				
HK 3016 A					SUZUKI (SANTANA)
HK 404730					SUZUKI (SANTANA)



Series of horizontal dotted lines for handwritten notes.

# 08.2 \ Thrust needle roller bearing Rodamientos axiales de agujas





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



A series of horizontal dotted lines for taking notes.

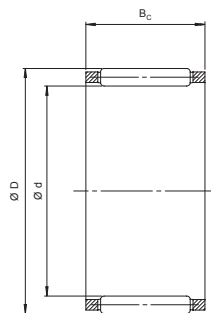
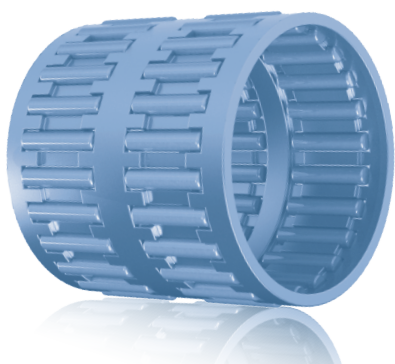


Fersa	CROSS REF.		
AXK 100135 AXK 4060			 VOLVO (RAN 181)









































A series of horizontal dotted lines for handwritten notes, starting below the pencil icon and extending across the width of the page.

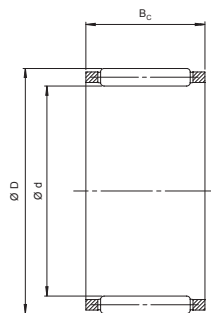
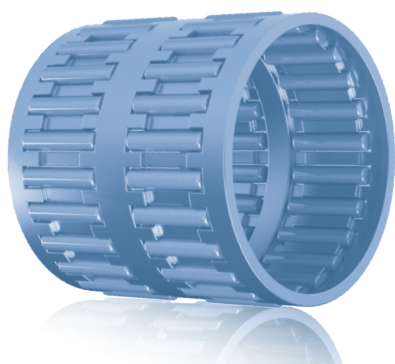
## 08.3 \ Special needle roller bearing Rodamientos de agujas especiales




















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

Fersa	CROSS REF.		  			
F 17031 K	INA	F-57368.01			<b>MERCEDES BENZ</b> (G4-110 * G131-9 * G180-16 * G200-16 * G210-16 * G211-12 * G211-16 * G230-16 * G240-16 * G260-16 * G04-130 * G04-160) <b>ZF</b> (4K-120 * 4S-120 * 8S-180)	
F 17032 K	INA	F-92625			<b>MERCEDES BENZ</b> (G4-110 * G100-12 * G180-16 * G200-16 * G210-16 * G211-16 * G230-16 * G240-16 * G260-16 * G280-16 * G04-160 * G0210-6)	
F 17033 K	INA	F-207054			<b>MERCEDES BENZ</b> (G4-110 * G200-16 * G210-16 * G211-16 * G221-9 * G230-16 * G231-16 * G240-16 * G241-16 * G260-16 * G280-16)	
F 17034 K	INA	F-219518			<b>MERCEDES BENZ</b> (G131-9 * G210-16 * G211-16 * G221-9 * G230-16 * G231-16 * G240-16 * G260-16)	
F 17035 K	INA	F-95451.02			<b>MERCEDES BENZ</b> (G125-16 * G155-9 * G210-16 * G211-16 * G240-16 * G260-16)	
F 17038 K	INA	F-211412.03			<b>ZF</b> (16S-150 * 16S-151)	
F 17039 K	INA	F-212874.01			<b>ZF</b> (16S-150 * 16S-151)	
F 17040 K	INA	F-212875.01			<b>ZF</b> (16S-150 * 16S-151)	
F 17041 K	INA	F-217112			<b>ZF</b> (16S-150 * 16S-151)	
F 17043 K					<b>EATON</b> (FS5306A * FS6206A * F6306A)	
F 17044 K					<b>EATON</b> (FS5306A * FS6206A * F6306A)	
F 17045 K					<b>EATON</b> (FS5306A * FS6206A * F6306A)	
F 17046 K					<b>EATON</b> (FS5306A * FS6206A * F6306A)	
F 17051 K	INA	F-58242			<b>ZF</b> (5K-110 * 5S-110)	
F 17052 K	INA	F-58723			<b>ZF</b> (5K-110 * 5S-110 * 5S-130)	
F 17053 K	INA	F-87259			<b>ZF</b> (4K-120 * 4S-120 * 5K-110 * 5S-110 * S6-66 * S6-85)	
F 17054 K	INA	K 45x53x21 A			<b>ZF</b> (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)	
F 17056 K	INA	F-205901.01			<b>ZF</b> (9S-75)	

## 08.3 \ Special needle roller bearing Rodamientos de agujas especiales



Fersa	d (mm)	D (mm)	B <sub>c</sub> (mm)
<b>N</b> F 17057 K	67,000	75,000	37,000
<b>N</b> F 17058 K	67,000	75,000	44,000
<b>N</b> F 17059 K	60,000	68,000	41,700
<b>N</b> F 17060 K	40,000	60,000	26,000
<b>N</b> F 17061 K	60,000	68,000	39,000
<b>N</b> F 17062 K	75,000	83,000	35,000
<b>N</b> F 17063 K	75,000	83,000	23,000
<b>N</b> F 17064 K	75,000	83,000	40,000
<b>N</b> F 17076 K	72,000	80,000	40,000
<b>N</b> F 17077 K	72,000	80,000	29,800
<b>N</b> F 17078 K	32,000	40,000	49,200
<b>N</b> F 17079 K	50,000	56,010	43,700
<b>N</b> F 17080 K	86,000	94,000	45,000
<b>N</b> F 17089 K	63,000	71,000	50,800
<b>N</b> F 17090 K	60,000	68,000	40,000
<b>N</b> F 17091 K	85,000	93,000	63,000
<b>N</b> F 17092 K	95,000	103,000	60,000
<b>N</b> F 17093 K	42,000	50,000	30,000
<b>N</b> F 17094 K	92,000	100,000	27,000
<b>N</b> F 17095 K	90,000	98,000	46,000
<b>N</b> F 17096 K	84,000	90,000	39,500
<b>N</b> F 17097 K	75,000	83,000	48,000
<b>N</b> F 17098 K	82,000	90,000	60,000

Fersa	CROSS REF.		 	
<b>N</b> F 17057 K	INA	F-209976		 <b>MERCEDES BENZ</b> (G100-12) ZF (95-75 * S5-42)
<b>N</b> F 17058 K	INA	F-209977		 <b>VOLVO</b> (R800) ZF (95-75 * S5-42)
<b>N</b> F 17059 K	INA	F-210326.01		 <b>VOLVO</b> (R800) ZF (95-75 * S5-42)
<b>N</b> F 17060 K	INA	F-89034		 <b>VOLVO</b> (R800) ZF (85-180 * 95-75 * 95-109 * 165-109)
<b>N</b> F 17061 K	INA	F-202742		 <b>ZF</b> (65-150 C * 85-140 * 85-180 * 95-75 * 95-109 * 165-109)
<b>N</b> F 17062 K				 <b>ZF</b> (65-150 C * 95-109 * 165-109 * S6-36)
<b>N</b> F 17063 K	INA	F-202961.1		 <b>ZF</b> (65-150 C * 95-109 * 165-109)
<b>N</b> F 17064 K				 <b>MERCEDES BENZ</b> (G4-65) ZF (45-120 * 45-120 * 55-90 * 55-92 * 85-140 * 95-140)
<b>N</b> F 17076 K	INA	F-204691		 <b>MERCEDES BENZ</b> (G6-80 * G85)
<b>N</b> F 17077 K	INA	F-224446		 <b>MERCEDES BENZ</b> (G6-80 * G60-6 * G85)
<b>N</b> F 17078 K	INA	F-224448.K-HLA		 <b>MERCEDES BENZ</b> (G6-80 * G60-6 * G85)
<b>N</b> F 17079 K	INA	F-225955		 <b>MERCEDES BENZ</b> (G85)
<b>N</b> F 17080 K	INA	F-227124.K-HLA		 <b>MERCEDES BENZ</b> (G60-6 * G85)
<b>N</b> F17089 K				 <b>MERCEDES BENZ</b> (G85 * G60)
<b>N</b> F 17090 K				 <b>VOLVO</b> (G 60)
<b>N</b> F 17091 K	INA	F-227349		 <b>VOLVO</b> (VT 2514 B)
<b>N</b> F 17092 K	INA	F-227348		 <b>VOLVO</b> (VT 2514 B)
<b>N</b> F 17093 K	INA	F-203535		 <b>VOLVO</b> (VT 2514 B)
<b>N</b> F 17094 K	INA	F-208939.03		 <b>VOLVO</b> (VT 2514 B)
<b>N</b> F 17095 K	INA	F-203030		 <b>VOLVO</b> (VT 2514 B)
<b>N</b> F 17096 K	INA	F-227638		 <b>MERCEDES BENZ</b> (16 * G241-16)
<b>N</b> F 17097 K	INA	F-227511.06		 <b>MERCEDES BENZ</b> (G211-16 * G241-16)
<b>N</b> F 17098 K	INA	F-87934		 <b>ZF</b> 16S160*16S190





# Wheel end hub units

## Unidades de buje

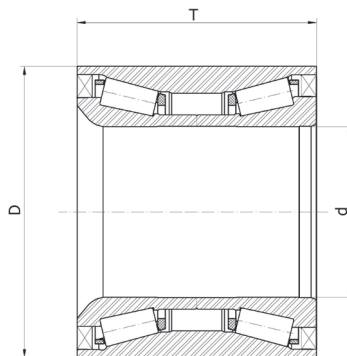
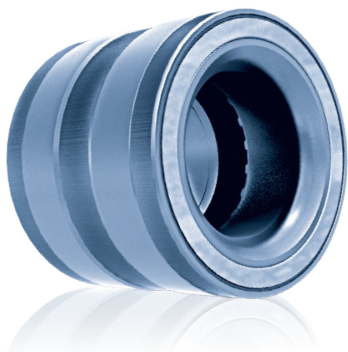
09.1 \	Wheel end hub / Hub de rueda	132
09.2 \	Wheel end kit / Kit de rueda	134
09.3 \	Wheel end module / Modulo de rueda	138
09.4 \	Preset hub assembly / Rodamientos integrales	140



09



# 09.1 \ Wheel end hub Hub de rueda



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




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
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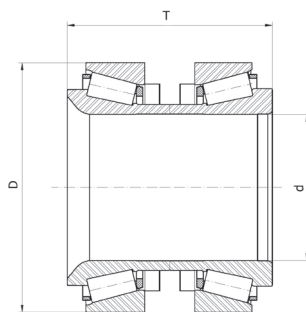
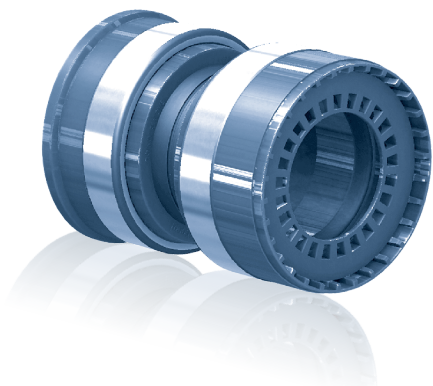
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





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

# 09.2 \ Wheel end kit Kit de rueda



Fersa	d (mm)	D (mm)	T (mm)	WEIGHT (kg)
<b>F 200004</b>	105,000	160,000	140,000	6,855
<b>F 200005</b>	110,000	170,000	146,000	8,530
<b>F 200013</b>	68,000 / 68,200	125,000	115,000	4,45
<b>F 200014</b>	93,800 / 94,000	148,000	135,000	5,40
<b>F 200015</b>	57,800 / 58,000	110,000	115,000	3,64
<b>F 200016</b>	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 * NU * SL * UL) 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)
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)
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)








































# 09.4 \ 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 400006			VOLVO * RENAULT TRUCK	20820420 * 20819822 * 20499882 * 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 400013			VOLVO	21024160 * 20534904 * 7421024160 * 7420534904
N F 400014			VOLVO	20518092
N F 400015			SCANIA	2290532 * 2085471
N F 400016			SCANIA	1864430 * 2290526

Fersa	POSITION	REMARK
<b>N F 400001</b>	Trailer axle / Eje de trailer	Brake disc screws included / Tornillos de disco de freno incluidos
<b>N F 400002</b>	Front axle / Eje delantero	Brake disc / Disco de freno
<b>N F 400003</b>	Rear axle / Eje trasero	Brake disc / Disco de freno
<b>N F 400004</b>	Rear axle / Eje trasero	Brake disc / Disco de freno
<b>N F 400006</b>	Rear axle / Eje trasero	Brake drum / Freno de tambor
<b>N F 400007</b>	Rear axle / Eje trasero	Brake disc * 27 mm bolts / Disco de freno * pernos 27 mm
<b>N F 400008</b>	Rear axle / Eje trasero	Brake disc * 25 mm bolts / Disco de freno * pernos 25 mm
<b>N F 400009</b>	Front axle / Eje delantero	Brake disc / Disco de freno
<b>N F 400010</b>	Front axle / Eje delantero	Brake disc / Disco de freno
<b>N F 400013</b>	Front axle / Eje delantero	Brake drum / Freno de tambor
<b>N F 400014</b>	Front axle / Eje delantero	Brake drum / Freno de tambor
<b>N F 400015</b>	Front axle / Eje delantero	Brake drum / Freno de tambor
<b>N F 400016</b>	FRONT AXLE	Brake disc / Disco de freno

# 09.4 \ Preset hub assembly Rodamientos integrales

Fersa	PICTURE	APPLICATION	BRAND	OEM P/N
<b>N</b> F 400018			VOLVO	21328181 * 21328177 * 20820402 * 7421328181
<b>N</b> F 400019			VOLVO	1078053 * 20517164 * 85104301
<b>N</b> F 400021			VOLVO	20535244 * 20535245 * 20518053 * 21336855 * 21336856 * 21336857
<b>N</b> F 400022			VOLVO	20476519 * 20518054
<b>N</b> F 400023			DAF	1613331 * 1812160





10

# Passenger car wheel bearing kits

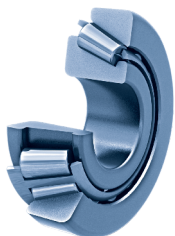
**Kits de rueda para turismos**

# 10



# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



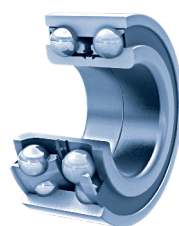
KA



KB



KC



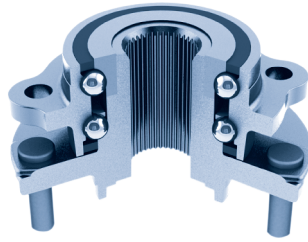
KD

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



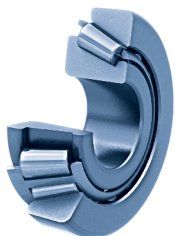
KV

- 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), VW (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

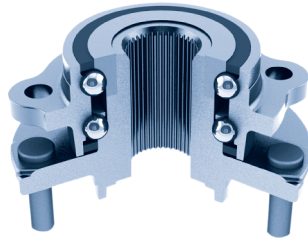


KD

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



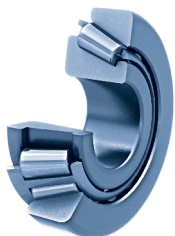
KV

- 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



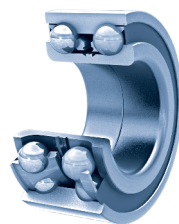
KA



KB



KC

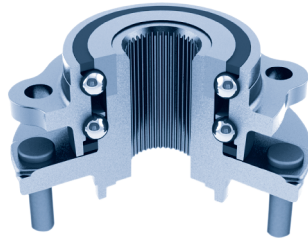


KD

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



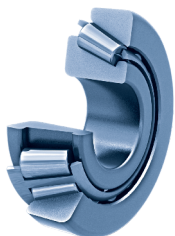
KV

- 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)	▪

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## Kits de rodamientos de rueda para turismos



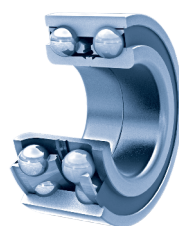
KA



KB



KC

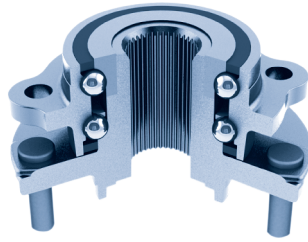


KD

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
<b>P</b> 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



KF



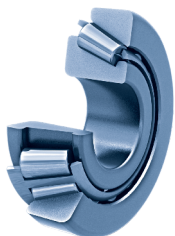
KV

- 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), VW (GOLF * JETTA * PASSAT * SANTANA)	▪
KF 096	AUDI (A4 * A6 * 80 * CABRIO, COUPE * 90), VW (PASSAT * SANTANA) SKODA (SUPERB)	▪
<b>P</b> 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)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



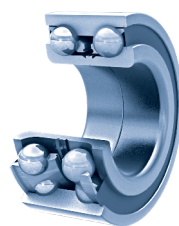
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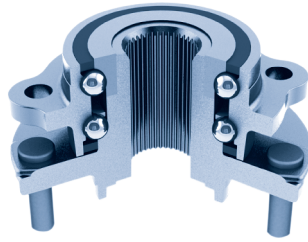
KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KV 103</b>	F 16015		VKBA 890						
<b>KF 104</b>	F 16036		VKBA 1317	R150.16	713649240	502068	QWB 906	EK78616 / K 80507	5016
<b>A KV 105</b>	F 16060		VKBA 938 / VKBA 3665	R150.17	713667140	501112 / 501088	QWB 534	K80506 / K80510	5015 / 5017
<b>KF 106</b>	F 16046		VKBA 1320	R150.19	713649270	502072	QWB 779	K80511	5019
<b>KF 107</b>	F 16032		VKBA 1318	R150.12	713649250	502066	QWB 514	K80514	5012
<b>P KV 108</b>	F 16033		VKBA 1458	R150.22	713667180	501136	QWB 786	K80516	5022
<b>KF 109</b>	F 16036		VKBA 1459	R150.23	713649320	502138	QWB 787	EK78614 / K 80517	5023
<b>KF 110</b>	F 16046		VKBA 1460	R150.24	713649300	502148	QWB 831	EK78615 / K 80518	5024
<b>KF 111</b>	F 16022		VKBA 1327	R166.14	713640190	600334	QWB 634	EK74209 / K 80718	6614
<b>KF 112</b>	F 16004		VKBA 1328	R166.15	713640280	602322	QWB 635	EK74210 / K 80719	6615
<b>KF 113</b>	F 16056		VKBA 3423	R159.31	713630580	681303	QWB 974	EK78804 / K 80724	5931
<b>KV 114</b>	F 16016		VKBA 3477 / VKBA 3587	R159.37 / R166.24	713630530	602337	QWB 1049	EK78875	5937
<b>KF 115</b>	F 16036		VKBA 1432	R152.39	713678040	301132	QWB 817	EK74340 / K 81120	5239
<b>KF 116</b>	F 16055		VKBA 1480	R152.42	713678050	301182	QWB 859	EK78634 / K 81125	5242
<b>KD 117</b>	F 18009		VKBA 922	R140.52	713678400	302172	QWB 194C	K81151	4052
<b>KD 118</b>	F 18009		VKBA 958		713678400	302176	QWB 194C	K81156	4070
<b>KF 119</b>	F 16091		VKBA 3309	R173.22	713619090	951409		EK78942	7322
<b>KV 120</b>	F 16006		VKBA 3305	R173.23	713619080	952405		EK78935 / K 81214	7323
<b>KF 121</b>	F 16090		VKBA 1970	R173.14	713619170	951604	QWB 958	EK78647	7314
<b>KV 122</b>	F 16014		VKBA 3326	R173.17	713619410	952415		EK78936 / K 81220	7317
<b>KV 123</b>	F 16014		VKBA 3327	R173.18	713619420	952417		EK78938 / K 81221	7318
<b>KF 124</b>	F 16059		VKBA 757	R151.07	713667870	402116	QWB 783	K82005	5107
<b>KB 125</b>	F 15167		VKBA 1347	R151.15	713667580	402080	QWB 754	K82007	5115
<b>KA 126</b>	U 497 / U 460 L + COLLAR		VKBA 1470	R151.10	713667560	402050	QWB 813	K82053	5110
<b>KF 127</b>	F 16059		VKBA 3486	R151.27	713667050	400107	QWB 1057	K82068	5127
<b>KF 128</b>	F 16081		VKBA 1999	R168.26	713613830	960638	QWB 956	K82307	6826





KF



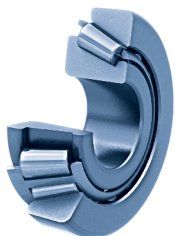
KV

- 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		 
<b>KV 103</b>	<b>BMW</b> (SERIE 3 * СЕРИЯ 3)	▪
<b>KF 104</b>	<b>BMW</b> (316 * 318 * 320 * 324 * 325)	▪
<b>A KV 105</b>	<b>BMW</b> (518 * 520 * 525 * 524 * 530 * 535 * 750 * 850)	▪
<b>KF 106</b>	<b>BMW</b> (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO)	▪
<b>KF 107</b>	<b>BMW</b> (518 * 520 * 525 * 524 * 530 * 535)	▪
<b>P KV 108</b>	<b>BMW</b> (518 * 520 * 525 * 524 * 530 * 535 * 730 * 735 * 740 * 750 * 840 * 850)	▪
<b>KF 109</b>	<b>BMW</b> (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO)	▪
<b>KF 110</b>	<b>BMW</b> (316 * 318 * 320 * 324 * 325 * M3 * TOURING * CABRIO * Z1 * Z4)	▪
<b>KF 111</b>	<b>CITROËN</b> (AX * SAXO), <b>PEUGEOT</b> (106)	▪
<b>KF 112</b>	<b>CITROËN</b> (AX * SAXO), <b>PEUGEOT</b> (106)	▪
<b>KF 113</b>	<b>CITROËN</b> (EVASION * JUMPY), <b>FIAT</b> (SCUDO * ULYSSE), <b>LANCIA</b> (ZETA), <b>PEUGEOT</b> (806 * EXPERT)	▪
<b>KV 114</b>	<b>CITROËN</b> (BERLINGO * XANTIA), <b>PEUGEOT</b> (406 * PARTNER)	▪
<b>KF 115</b>	<b>FORD</b> (ESCORT * FIESTA * ORION * PUMA)	▪
<b>KF 116</b>	<b>FORD</b> (COUGAR * MONDEO)	▪
<b>KD 117</b>	<b>FORD</b> (TRANSIT)	▪
<b>KD 118</b>	<b>FORD</b> (MONDEO)	▪
<b>KF 119</b>	<b>MITSUBISHI</b> (CARISMA * COLT * LANCER * MONTERO)	▪
<b>KV 120</b>	<b>MITSUBISHI</b> (LANCER, COLT, CARISMA, MONTERO)	▪
<b>KF 121</b>	<b>MITSUBISHI</b> (GALANT * ECLIPSE * SPACE WAGON * SPACE RUNNER)	▪
<b>KV 122</b>	<b>MITSUBISHI</b> (SPACE-WAGON)	▪
<b>KV 123</b>	<b>MITSUBISHI</b> (SPACE-WAGON)	▪
<b>KF 124</b>	<b>MERCEDES</b> (124 * 190 * CLASE C * CLK * CLASE E * SL * SLK)	▪
<b>KB 125</b>	<b>MERCEDES</b> (KOMBI * CLASE E)	▪
<b>KA 126</b>	<b>MERCEDES</b> (CLASE G * HENSCHTEL * T1)	▪
<b>KF 127</b>	<b>MERCEDES</b> (CLASE V * VITO)	▪
<b>KF 128</b>	<b>NISSAN</b> (PRIMERA * PRAIRIE * MAXIMA)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



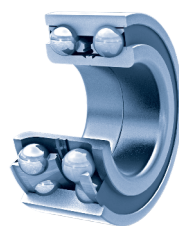
KA



KB



KC

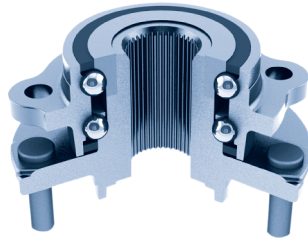


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KF 129</b>	F 16058		VKBA 1362	R168.18	713613090	960578	QWB 931	K82311	6818
<b>KF 130</b>	F 16034		VKBA 3201	R168.30	713613040	961648	QWB 928	K82315	6830
<b>KA 131</b>	32209 F	32209 F	VKBA 1953	R168.41	713613070				
<b>KC 132</b>			VKBA 673	R168.04	713613220	962684	QWB 354	K82353	6804
<b>KF 133</b>	F 16019		VKBA 663 / VKBA 3256	R153.14	713644160	201040 / 971391	QWB 417	EK78813 / K82501	5314
<b>KF 134</b>	F 16036		VKBA 736 / VKBA 3257	R153.15	713644170	201032 / 971393	QWB 436	K82506 / K80410	5315
<b>P KV 135</b>	F 16028		VKBA 1301	R153.19	713644540	201084	QWB 603	EK74242 / K 82510	5318
<b>KF 136</b>	F 16032		VKBA 1326	R153.20	713644650	202168	QWB 570	EK74244 / K 82512	5320
<b>KF 137</b>	F 16020		VKBA 3403	R153.25	713644150	201210	QWB 935	EK78706 / K 82516	5325
<b>KF 138</b>	F 16037		VKBA 3410	R153.26	713644190	201228	QWB 878	EK78767 / K 82518	5326
<b>KF 139</b>	F 16042		VKBA 618	R159.07		601495		EK73459 / K 82604	5907
<b>KF 140</b>	F 16049		VKBA 622	R159.03		602406		EK73463 / K 82611	5903
<b>KF 141</b>	F 16050		VKBA 729	R159.13	713650260	602390	QWB 461	EK73466 / K 82612	5913
<b>KF 142</b>	F 16026		VKBA 882	R159.14	713650160	601306	QWB 798	EK73469 / K 82613	5914
<b>KF 143</b>	F 16048		VKBA 915	R166.13	713640180	600308	QWB 781	EK73470 / K 82615	6613
<b>KV 144</b>	F 16017		VKBA 743	R159.15	713640260	602340	QWB 500	EK73454 / K 82616	5915
<b>KF 145</b>	F 16029		VKBA 3554	R159.17	713650060	601916	QWB 1150	EK79093 / K 82619	5917
<b>KC 146</b>			VKBA 629	R155.00	713630100		QWB 302		
<b>KC 147</b>			VKBA 639	R155.01	713630120		QWB 286		
<b>KC 148</b>			VKBA 636	R155.10	713630130	701374	QWB 302	EK73487 / K 82907	5510
<b>KC 149</b>			VKBA 723	R155.08	713630150	701332	QWB 313	EK73482 / K 82908	5508
<b>KF 150</b>	F 16025		VKBA 638	R155.21	713630160	701432	QWB 309	EK73483 / K 82910	5521
<b>KF 151</b>	F 16021			R155.31		701302			
<b>KV 152</b>	F 16044		VKBA 966	R155.11	713630170	701326	QWB 467	EK73492 / K 82913	5511



KF



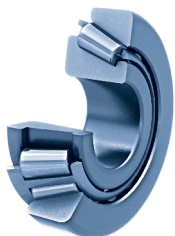
KV

- 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 129	NISSAN (SUNNY)	▪
KF 130	NISSAN (SUNNY * ALMERA)	▪
KA 131	NISSAN (PATROL)	▪
KC 132	NISSAN (BLUEBIRD * VANETTE * LAUREL * SILVIA)	▪
KF 133	DAEWOO (NEXIA * CIELO)	▪
KF 134	DAEWOO (NEXIA * CIELO * ESPERO)	▪
<b>P</b> 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)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



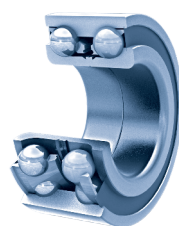
KA



KB



KC

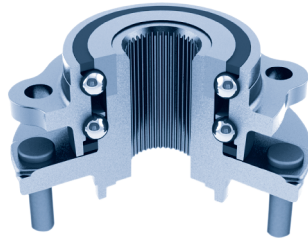


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KF 153</b>	F 16051		VKBA 909	R155.09	713644180	701404	QWB 479	EK73479 / K 89914	5509
<b>KV 154</b>	F 16005		VKBA 967	R155.15		702380		EK73501 / K 82916	5515
<b>KF 155</b>	F 16030		VKBA 3596	R155.16	713630030	700310	QWB 1084	EK73499 / K 82917	5516
<b>P KV 156</b>	F 16061		VKBA 1406	R155.24	713630350	702514	QWB 687	EK74310 / K 82920	5524
<b>P KV 157</b>	F 16007		VKBA 1494	R155.26	713630310	702494	QWB 1133	EK78660 / K 82926	5526
<b>KF 158</b>	F 16031		VKBA 3408						
<b>KF 159</b>	F 16024		VKBA 3441	R154.49	713614030	801543		EK74349 / K 83105	5449
<b>KF 160</b>	F 16002		VKBA 685	R158.28	713690170	800304	QWB 422	K83210	5812
<b>KF 161</b>	F 16001		VKBA 559 / VKBA 1442	R158.07	713690160	800408 / 801382	QWB 422	EK74360 / K83212	5807 / 5830
<b>KV 162</b>	F 16062		VKBA 625 / VKBA 940	R158.10 / R158.17	713690240	802318 / 802324	QWB 422	K83213	5810 / 5817
<b>KV 163</b>	F 16003		VKBA 734	R158.13	713690010	801342	QWB 515	K83214	5813
<b>KV 164</b>	F 16010		VKBA 1440	R158.22	713690230	802330	QWB 736	K83217	5822
<b>KF 165</b>	F 16027		VKBA 1438	R158.31	713690500	801376	QWB 855	EK74354 / K 83226	5831
<b>KF 166</b>	F 16031		VKBA 1439	R158.32	713690510	800398	QWB 853	K83227	5832
<b>KF 167</b>	F 16031		VKBA 3416	R158.37	713690610	801730		EK78819 / K 83237	5837
<b>KF 168</b>	F 16027		VKBA 3414	R158.35	713690500	801362	QWB 855	K83236	5835
<b>KA 169</b>	30305 F	32208 F	VKBA 1385/ VKBA 1386	R140.58 / R140.59	713690380	801750 / 801644	QWB 666	K83252	4058 / 4059
<b>KA 170</b>	32011 XF	32011 XF	VKBA 1393	R140.65	713690470	802748	QWB 685	K83253	4065
<b>KA 171</b>	18690/18620	368 A/362 A	VKBA 1387	R140.60					
<b>KF 172</b>	F 16043		VKBA 738	R156.04	713680160	601446	QWB 231	EK73511 / K 83601	5604
<b>KF 173</b>	F 16009		VKBA 1344	R169.10	713618270	982766	QWB 703	K83705	6910
<b>KC 174</b>			VKBA 1966/ VKBA 675	R169.04	713618210	982685	QWB 360	EK78679 / K 83756	4089
<b>KF 175</b>	F 16024		VKBA 1315	R165.11	713660190	891484	QWB 759	EK74248 / K 84009	6511
<b>KF 176</b>	F 16024		VKBA 1495	R165.16	713660050	891486	QWB 1284	EK78684 / K 84010	6516
<b>KV 177</b>	F 16012		VKBA 1436	R165.10	713660280	892470	QWB 1240	EK78791 / K 84011	6510



KF



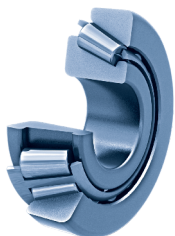
KV

- 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 153	RENAULT (20 * 30 * TRAFFIC)	▪
KV 154	RENAULT (SPACE * LAGUNA * FUEGO)	▪
KF 155	RENAULT (LAGUNA I * MEGANIE * SCENIC * SAFRANE)	▪
<b>P</b> KV 156	RENAULT (SPACE)	▪
<b>P</b> KV 157	RENAULT (21)	▪
KF 158	DACIA (LOGAN), RENAULT (CLIO * SPACE * KANGOO * LAGUNA * MEGANE * SCENIC * EXPRESS * THALIA * 19 * 21)	▪
KF 159	SKODA (FAVORIT * FELICIA), VW (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)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



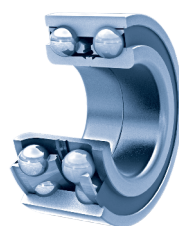
KA



KB



KC

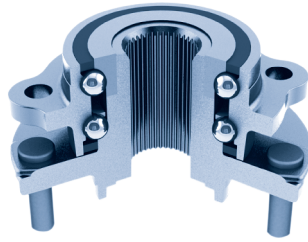


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P KV 178</b>	F 16013		VKBA 1437	R165.15	713660410	892472	QWB 1234	EK78570 / K 84012	6515
<b>KF 179</b>	F 16019		VKBA 593	R154.14	713610140	101010	QWB 328	EK73592 / K 84101	5414
<b>KF 180</b>	F 16018		VKBA 577	R154.12	713610130	101044	QWB 200	EK73597 / K 84103	5412
<b>KF 181</b>	F 16023		VKBA 906	R154.23	713610310	101016		EK73603 / K 84105	5423
<b>KF 182</b>	F 16039		VKBA 1358	R154.28	713610100 / 713610730	100022	QWB 698	K84106	5428
<b>KF 183</b>	F 16039		VKBA 1491	R154.34	713610040	101024	QWB 880	K84107	5434
<b>KF 184</b>	F 16040		VKBA 3455	R154.01	713610020	101113	QWB 1089	EK78902 / K 80212	5401
<b>KF 185</b>	F 16035		VKBA 576	R154.15	713610160	101147	QWB 510	K80211	5415
<b>KA 186</b>	30208 F		VKBA 1956	R173.07	713619240	952661	QWB 747	EK74288 / K 81208	7307
<b>KA 187</b>	L 45449/10	L 45449/10	VKBA 1367	R173.09	713619230	952710	QWB 803	K81211	7309
<b>KC 188</b>			VKBA 1371	R173.05	713619210	952593	QWB 376	K81223	7305
<b>KA 189</b>	LM 12749/10	L 68149/11	VKBA 1498	R151.24	713667470	401078	QWB 1070	K82011	5118
<b>KA 190</b>	LM 102949/10	LM 102949/10	VKBA 1915	R173.06	713619140	951722	QWB 716	EK78582 / K 81207	7306
<b>KB 191</b>	F 15067		VKBA 3532	R152.56	713678030	302057	QWB 1128	K81141	5256
<b>KB 192</b>	F 15044		VKBA 3496	R155.32	713630180	701302	QWB 430	EK73490 / K 82963	5529
<b>KB 193</b>	F 15041		VKBA 3525	R155.63 / R159.89	713630300	702312 / 702899	QWB 1088	K82965	5513
<b>P KV 194</b>	F 16065		VKBA 3456	R157.20	713610220	102115	QWB 1055	EK78903 / K 80213	5448
<b>KF 195</b>	F 16066		VKBA 3495	R155.44	713630050	701307	QWB 871	K82962	5538
<b>KV 196</b>	F 16067		VKBA 3510	R153.31	713644040	201033	QWB 1112	EK79086 / K 82523	5331
<b>KF 197</b>	F 16068		VKBA 3730	R169.37	713618560	981868		EK79005 / K 83730	6937
<b>A KV 198</b>	F 16069		VKBA 3511	R153.32	713644070	201035	QWB 1113	EK79087 / K 82524	5332
<b>A KV 199</b>	F 16070		VKBA 3513	R153.33	713644060	201043	QWB 1114	EK79089 / K 82542	5333
<b>KA 200</b>	33108 F	32206 F	VKBA 1462/ VKBA 1463	R140.83 / R140.84	713690490	682492		EK78618 / K 83259	4083
<b>KF 201</b>	F 16036		VKBA 3530	R152.54	713678110	301039	QWB 1126	K81139	5254
<b>A KV 202</b>	F 16073		VKBA 3409	R153.23	713644560	202142	QWB 877	EK78658 / K 82517	5323



KF



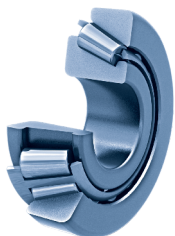
KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
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- KV 2nd and 3rd generation wheel hub units / Rodamientos de rueda con brida de 2ª y 3ª generación

Fersa		 
<b>P</b> KV 178	VOLVO (440)	▪
KF 179	WV (CADDY * GOLF)	▪
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	MINIBUS (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)	▪
<b>P</b> 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)	▪
<b>A</b> KV 198	OPEL (ASTRA)	▪
<b>A</b> KV 199	OPEL (ASTRA * ZAFIRA)	▪
KA 200	CITROËN (C25), FIAT (DUCATO), PEUGEOT (J5)	▪
KF 201	FORD (FIESTA * FOCUS * FUSION), MAZDA (2)	▪
<b>A</b> KV 202	OPEL (ASTRA * VECTRA)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



KA



KB



KC



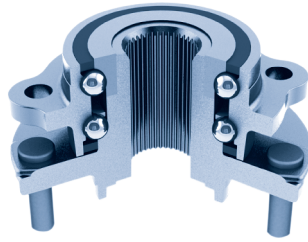
KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KF 203</b>	F 16024		VKBA 1410	R182.60	713696100	801354	QWB 422	EK74347 / K 83210	8260
<b>KV 204</b>	F 16072		VKBA 310	R158.14	713690260	802394	QWB 509	K83215	5814
<b>KC 205</b>	6306 2RS		VKBA 973	R172.00	713690190	802454	QWB 254	EK73711 / K 81802	7200
<b>KA 206</b>	30304 F	30206 F							
<b>KA 207</b>	30208 F	30208 F							
<b>KA 208</b>	30209 F	30209 F							
<b>KC 209</b>	6306 2RS	6306 2RS							
<b>KA 210</b>	L 44645/ L 44613	L 44645/ L 44613	VKBA 562	R158.04	713690210	802464	QWB 241	K83202	5804
<b>KA 211</b>	U 399/U 360 L + COLLAR		VKBA 571	R165.03	713660230	892460	QWB 457	EK73705 / K 84008	6503
<b>KA 212</b>	U 399/U 360 L + COLLAR		VKBA 733	R165.05	713660260	892458	QWB 599	EK73710 / K 84006	6505
<b>KA 213</b>	05-02-4911	01-03-4016	VKBA 927	R158.02	713690110	801538	QWB 249	K83201	5802
<b>KA 214</b>	JL 69349/ JL 69310	JL 69349/ JL 69310	VKBA 949	R170.09	713615150	941636	QWB 722	K81903	7009
<b>KV 215</b>	F 16136		VKBA 1331	R159.22	713650250	602388	QWB 678	EK74254 / K 80723	5922
<b>KF 216</b>	REPLACED BY KF 182 / SUSTITUIDO POR EL KF 182								
<b>KB 217</b>	F 15137		VKBA 1363	R168.19	713613210	962718	QWB 763	K82312	6819
<b>P KV 218</b>	F 16137		VKBA 1441	R158.21	713690600	802378	QWB 734	K83224	5821
<b>P KV 219</b>	F 16138		VKBA 1475	R159.29	713640250	602314	QWB 830	EK78617 / K 80122	5929
<b>KV 220</b>	F 16139		VKBA 1481	R152.43	713678340	302186	QWB 860	EK78635 / K 81126	5243
<b>P KV 221</b>	F 16140		VKBA 1482	R152.44	713678700	302188	QWB 1189	EK78636 / K 81127	5244
<b>P KV 222</b>	F 16141		VKBA 1484	R152.45	713678360	302192	QWB 861	EK78638 / K 81129	5245
<b>KC 223</b>	6007 2RS/C3	6007 2RS/C3	VKBA 1930	R177.09	713623050	971455	QWB 896	K83401	7709
<b>KC 224</b>	6204 2RS/C3	6205 2RS/C3	VKBA 1931	R177.08	713623300	972453		K83402	7708
<b>KF 225</b>	F 16088		VKBA 1948	R170.32	713615090	940371		EK78888 / K 81906	7032
<b>KV 226</b>	F 16142		VKBA 1949	R170.23	713615510	942569	QWB 891	EK78632 / K 81907	7023
<b>KF 227</b>	F 16089		VKBA 1950 / VKBA 3780	R170.22	713615030	941700	QWB 890	EK78631 / K 81905	7022
<b>KV 228</b>	F 16143		VKBA 3218	R173.16	713619280	952608	QWB 926	EK78648	7316





KF



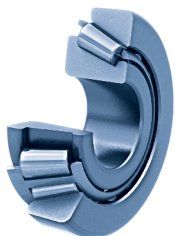
KV

- 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 203	SEAT (IBIZA * MALAGA * RONDA)	▪
KV 204	FIAT (PANDA), SEAT (MARBELLA)	▪
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)	▪
<b>P</b> KV 218	ALFA ROMEO (145 * 146 * 155)	▪
<b>P</b> KV 219	CITROËN (XSARA * ZX), PEUGEOT (205 * 306)	▪
KV 220	FORD (FIESTA * COUGAR * MONDEO)	▪
<b>P</b> KV 221	FORD (FIESTA * COUGAR * MONDEO)	▪
<b>P</b> 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)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



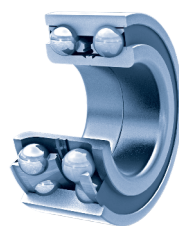
KA



KB



KC

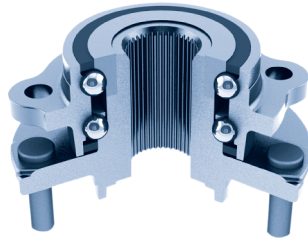


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KV 229</b>	F 16144		VKBA 3250	R174.28	713617070	911385	QWB 965	K80326	7428
<b>KV 230</b>	F 16145		VKBA 3266	R184.02	713619050	922781	QWB 1081	EK78922 / K 81204	8402
<b>KV 231</b>	F 16146		VKBA 3267	R184.03	713619060	922783	QWB 1079	EK78921 / K 81203	8403
<b>KV 232</b>	F 16147		VKBA 3298	R170.24	713615530	942773		EK78930 / K 81908	7024
<b>KF 233</b>	F 16085		VKBA 3406	R154.33	713610340	100206	QWB 997	EK78747 / K 84160	5433
<b>KV 234</b>	F 16148		VKBA 3418	R165.20	713660080	892735	QWB 1202	EK78820 / K 84023	6520
<b>KV 235</b>	F 16149		VKBA 3422	R153.22	713644550	202140	QWB 876	EK78657 / K 82513	5322
<b>P KV 236</b>	F 16150		VKBA 3424	R159.32	713630570	682305	QWB 1001	EK78805 / K 80125	5838
<b>P KV 237</b>	F 16151		VKBA 3442	R158.39	713690550	802315		K83237	5839
<b>P KV 238</b>	F 16152		VKBA 3444	R150.30	713667220	501121	QWB 1200	EK78904 / K 80520	5030
<b>P KV 239</b>	F 16153		VKBA 3445	R150.29	713649410	502123		EK78905 / K 80521	5029
<b>KF 240</b>	F 16086		VKBA 3449	R154.41	713610450	131129	QWB 1000	EK78869 / K 81135	5441
<b>KF 241</b>	F 16086		VKBA 3450	R154.42	713610460	132131	QWB 1146	EK78870 / K 81136	5442
<b>KV 242</b>	F 16154		VKBA 3458	R165.22	713660120	892843	QWB 1233	EK78968 / K 84021	6522
<b>P KV 243</b>	F 16155		VKBA 3468	R155.47	713630630	702355	QWB 952	EK78774 / K 82937	5547
<b>KV 244</b>	F 16156		VKBA 3469	R155.46	713630640	702357	QWB 951	EK78773 / K 82936	5546
<b>KV 245</b>	F 16188		VKBA 3488	R165.23	713660370	891628	QWB 1039	EK78803 / K 84025	6517
<b>P KV 246</b>	F 16157		VKBA 3491	R155.56	713630650	702321	QWB 1131	K82949	5556
<b>KV 247</b>	F 16158		VKBA 3512	R153.30	713644030	201031	QWB 1117	EK79088 / K 82525	5330
<b>KA 248</b>	LM 11949/10	L 45449/10	VKBA 3519	R154.50	713610370	102055	QWB 1155	K80215	5450
<b>KV 249</b>	F 16159		VKBA 3526	R165.26	713660310	891869	QWB 1241	K84028	6526
<b>KV 250</b>	F 16160		VKBA 3536	R157.26	713610390	100053		K80217	5466
<b>A KV 251</b>	F 16161		VKBA 3540	R158.46	713690710	802839	QWB 1101	EK79117 / K 80125	5846



KF



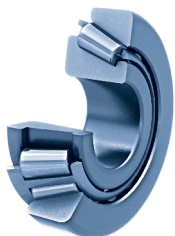
KV

- 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 229	HONDA (ACCORD), ROVER (600)	▪
KV 230	HYUNDAI (ACCENT)	▪
KV 231	HYUNDAI (ACCENT)	▪
KV 232	MAZDA (323 * MX-3)	▪
KF 233	VW (TRANSPORTER)	▪
KV 234	VOLVO (S70 * V70 * C70 * 850)	▪
KV 235	OPEL (ASTRA * MERIVA * VECTRA)	▪
<b>P</b> KV 236	CITROËN (EVASION * JUMPY), FIAT (SCUDO * ULYSSE), LANCIA (ZETA), PEUGEOT (806 * EXPERT)	▪
<b>P</b> KV 237	ALFA ROMEO (145 * 146), FIAT (BRAVA * BRAVO * BARCETTA * MAREA)	▪
<b>P</b> KV 238	BMW (SERIE 5 * СЕРИЯ 5 * Z8)	▪
<b>P</b> KV 239	BMW (SERIE 5 * СЕРИЯ 5)	▪
KF 240	FORD (GALAXY), SEAT (ALHAMBRA), VW (SHARAN)	▪
KF 241	FORD (GALAXY), SEAT (ALHAMBRA), VW (SHARAN)	▪
KV 242	VOLVO (S40 * V40)	▪
<b>P</b> KV 243	RENAULT (LAGUNA)	▪
KV 244	RENAULT (LAGUNA)	▪
KV 245	VOLVO (S70 * V70 * C70 * 850)	▪
<b>P</b> KV 246	RENAULT (MEGANE * SCENIC)	▪
KV 247	OPEL (ASTRA * ZAFIRA)	▪
KA 248	AUDI (A4 * CABRIO), SEAT (INCA), VW (CADDY)	▪
KV 249	VOLVO (S70 * V70 * C70)	▪
KV 250	AUDI (A4 * A6 * A8), SEAT (EXEO), VW (PASSAT)	▪
<b>A</b> KV 251	ALFA ROMEO (146 * 145 * MITO), CITROËN (NEMO), FORD (KA), LANCIA (DELTA * LYBRA * MUSSA * Y * YPSILON), FIAT (BARCETTA * BRAVA * BRAVO * FIORINO * MAREA * MULTIPLA * PALIO * PANDA * PUNTO * ESTILO * 500)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



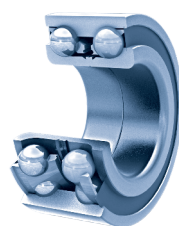
KA



KB



KC

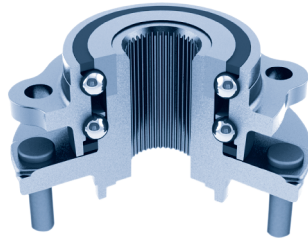


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P KV 252</b>	F 16162		VKBA 3555	R153.27	713644570	202218	QWB 879	EK78797 / K 82528	5327
<b>KC 253</b>			VKBA 607	R158.11	713690200	802480	QWB 177C	K83207	5811
<b>KA 254</b>	LM 67049/14	LM 67049/14	VKBA 749	R161.09	713620130	881592	QWB 159C	EK73729 / K 80334	6109
<b>KA 255</b>	JLM 104945/10	JLM 104945/10	VKBA 829	R140.23	713630330	701726	QWB 474	EK73493 / K 82950	4023
<b>KC 256</b>	6207 C3	F 19074	VKBA 910	R154.08	713611550	102094	QWB 494	EK73600 / K 82364	5408
<b>KA 257</b>	F 15164	F 15164	VKBA 919	R152.33	713678290	302122	QWB 533	K81115	5233
<b>KV 258</b>	F 16163		VKBA 968	R155.18	713630560	702380		EK73501 / K 82932	5515
<b>KF 259</b>	F 16034		VKBA 1340	R169.50	713618020	981616	QWB 766	EK74281	6950
<b>KV 260</b>	F 16164		VKBA 1375	R174.16	713617270	912532	QWB 742	K80313	7416
<b>KF 261</b>	F 16031		VKBA 1403	R158.18	713690070	800400	QWB 846	EK74221 / K 83216	5818
<b>KB 262</b>	REPLACED BY KB 192 / SUSTITUIDO POR EL KB 192								
<b>KB 263</b>	F 15068		VKBA 1467	R140.85	713678610	302166	QWB 865	EK78643 / K 81159	4085
<b>KF 264</b>	F 16107		VKBA 1488	R160.15 / R160.20	713690540	801500	QWB 1118	EK74215 / K 80119	6015
<b>KC 265</b>			VKBA 1971	R177.11	713623090	972571		K83451	7711
<b>KA 266</b>	30208 F		VKBA 3206	R140.91	713613410	962435		EK74331	4091
<b>KV 267</b>	F 16165		VKBA 3225	R168.24	713613640	962548	QWB 939	EK78653 / K 82302	6824
<b>KA 268</b>	32209 F		VKBA 3321		713613590	962905		EK78654 / K 82364	6852
<b>KA 269</b>	32205 BF	32007 XF	VKBA 3407	R140.81	713630550	702586	QWB 942	K82958	4081
<b>KF 270</b>	F 16093		VKBA 3413	R158.34	713690780	801364	QWB 854	K83235	5834
<b>KV 271</b>	F 16166		VKBA 3415	R165.17	713660040	891628	QWB 1039	EK78803 / K 84018	6517
<b>KA 272</b>	32011 XF	32011 XF	VKBA 3428	R140.94	713650330	681325	QWB 1005	EK78786 / K 80755	4094
<b>KA 273</b>	33205 F	LM 501349/10	VKBA 3434	R140.76	713667600	401137	QWB 1196	K82051	4076
<b>KF 274</b>	F 16132		VKBA 3447			502135			5027
<b>KV 275</b>	F 16167		VKBA 3480	R166.26	713630090	602347	QWB 1152	EK78896 / K 80732	6626
<b>P KV276</b>	F 16168		VKBA 3489	R154.44	713610500	102011	QWB 1137	K84108	5444
<b>P KV277</b>	F 16108		VKBA 3492	R155.61	713630830	701914	QWB 1096	K82966	5561
<b>KB 278</b>	F 15168		VKBA 3500	R155.64	713630800	701860	QWB 1085	K82959	4006



KF



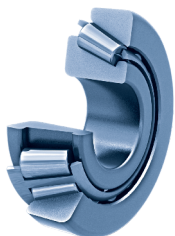
KV

- 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		 
<b>P KV 246</b>	OPEL (ASTRA * COMBO * ZAFIRA * MERIVA * VECTRA), SAAB (9-3 * 9-5 * 900)	▪
<b>KC 253</b>	FIAT (ARGENTA * 124 * 125 * 131 * 132), FSO (125P)	▪
<b>KA 254</b>	AUSTIN (MINI), ROVER (MINI)	▪
<b>KA 255</b>	RENAULT (MASTER)	▪
<b>KC 256</b>	WV (TRANSPORTER)	▪
<b>KA 257</b>	FORD (SCORPIO * MONDEO * SIERRA)	▪
<b>KV 258</b>	RENAULT (SPACE * FUEGO * MEGANE * SCENIC * EXPRESS * SAFRANE * 18 * 21 * 25 * 30)	▪
<b>KF 259</b>	TOYOTA (CAMRY * CARINA * CELICA * MR2 * RAV4)	▪
<b>KV 260</b>	HONDA (ACCORD * CIVIC)	▪
<b>KF 261</b>	ALFA ROMEO (164), FIAT (CROMA * TEMPRA), LANCIA (DEDRA * DELTA * PRISMA * THEMA)	▪
<b>KB 262</b>	REPLACED BY KB 192 * SUSTITUIDO POR EL KB 192	
<b>KB 263</b>	FORD (TRANSIT)	▪
<b>KF 264</b>	ALFA ROMEO (145 * 146 * 155 * 164 * GTV * SPIDER), FIAT (BRAVO * COUPE * CROMA * MAREA), LANCIA (DELTA * KAPPA * THEMA)	▪
<b>KC 265</b>	SUZUKI (JIMNY * SAMURAI * SJ)	▪
<b>KA 266</b>	NISSAN (PICK UP * TERRANO * URBAN)	▪
<b>KV 267</b>	NISSAN (MICRA)	▪
<b>KA 268</b>	NISSAN (PATROL)	▪
<b>KA 269</b>	RENAULT (TRAFFIC)	▪
<b>KF 270</b>	FIAT (PUNTO)	▪
<b>KV 271</b>	VOLVO (S70 * V70 * C70 * 850)	▪
<b>KA 272</b>	CITROËN (JUMPER), FIAT (DUCATO), PEUGEOT (BOXER)	▪
<b>KA 273</b>	MERCEDES (T1, * SPRINTER), WV (LT)	▪
<b>KF 274</b>	BMW (3 * 5)	▪
<b>KV 275</b>	CITROËN (SAXO), PEUGEOT (106)	▪
<b>P KV276</b>	AUDI (A6), SKODA (SUPERB), WV (PASSAT * SANTANA)	▪
<b>P KV277</b>	RENAULT (LAGUNA)	▪
<b>KB 278</b>	OPEL (MOVANO), RENAULT (MASTER)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



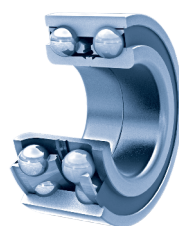
KA



KB



KC

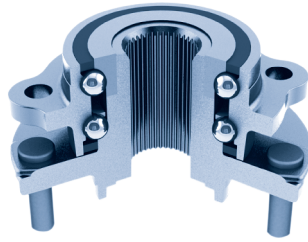


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KV 279</b>	F 16169		VKBA 3514/ VKBA 3515	R153.34	713644020	202059	QWB 1115	EK79090 / K 82527	5334
<b>KF 280</b>	F 16109		VKBA 3522	R151.26	713667740	400051	QWB 1195	K82017	5126
<b>KF 281</b>	F 16002		VKBA 3528	R158.41	713690670	801880		K83238	5841
<b>A KF 282</b>	F 16110		VKBA 3531	R152.55	713678100	301045	QWB 1127	EK79100 / K 81140	5255
<b>P KV 283</b>	F 16111		VKBA 3581	R158.58					
<b>P KV 284</b>	F 16170		VKBA 3548	R154.45	713610210 / 713610320	102075	QWB 1257		5445
<b>P KV 285</b>	F 16171		VKBA 3550	R154.52	713610530	101029		K84110	5452
<b>A KV 286</b>	F 16172		VKBA 3567	R157.31	713610490	102077	QWB 1160	K83107	5731
<b>P KV 287</b>	F 16173		VKBA 3569	R157.32	713610470	101027		K83109	5732
<b>P KV 288</b>	F 16112		VKBA 3577	R158.42	713690860	801950	QWB 1098	EK79078 / K 83241	5842
<b>P KV 289</b>	F 16113		VKBA 3584	R159.44	713630760	601953	QWB 1265		5944
<b>P KV 290</b>	F 16174		VKBA 3585	R159.42	713630820	602956	QWB 1228		5942
<b>KV 291</b>	<b>N</b> F 15154		VKBA 3588	R152.60	713678650	301185	QWB 1258		5260
<b>KF 292</b>	F 16083		VKBA 3600	R153.39	713644080	201095	QWB 1211		5339
<b>KB 293</b>	F 15168		VKBA 3613	R140.06	713630790	701860		K82959	4006
<b>P KV294</b>	F 16175		VKBA 3635	R159.46	713640010	682263	QWB 1273		5946
<b>KB 295</b>	F 15168		VKBA 3640	R140.17	713640390	681375			4017
<b>KB 296</b>	F 15121		VKBA 3641	R140.38	713640400	681471			4038
<b>P KV 297</b>	F 16176		VKBA 3667		713667060	501136	QWB 786	K80516	5022
<b>KF 298</b>	F 16068		VKBA 3729	R169.38	713618550	981856		K83729	6938
<b>KF 299</b>	F 16057		VKBA 3907	R184.05					
<b>KF 300</b>	F 16114		VKBA 3628	R151.25	713667890	402243			5128
<b>KF 301</b>	<b>N</b> F 16115		VKBA 1933	R177.06	713623060	971575	QWB 959	K83403	7706
<b>KF 302</b>	F 16116		VKBA 3647	R165.24	713660130	891477	QWB 1231	K84024	6524
<b>KF 303</b>	F 16046		VKBA 3499	R150.31	713667230	502109	QWB 1223	K80526	5031
<b>KF 304</b>	F 16117		VKBA 3245	R174.25	713617030	911377	QWB 1002	EK78853 / K80328	7425
<b>KV 305</b>	F 16177		VKBA 3546	R159.40	713630540	602645	QWB 1276	K82620	5940
<b>KF 306</b>	F 16054		VKBA 1356	R157.24	713610350	100099			
<b>KF 307</b>	F 16054		VKBA 1356	R157.14	713610410				
<b>KF 308</b>	F 16118		VKBA 3427	R157.16	713610070	101111	QWB 1154	EK78822 / K 80208	5716



KF



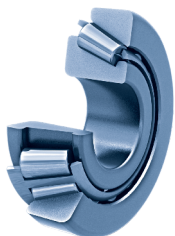
KV

- 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 279	OPEL (ASTRA, ZAFIRA)	▪
KF 280	MERCEDES (CLASE M)	▪ ▪
KF 281	FIAT (PALIO * SIENA * STRADA)	▪
<b>A</b> KF 282	FORD (FIESTA * FUSION * FOCUS)	▪
<b>P</b> KV 283	ALFA ROMEO (146 * 145 * MITO), CITROËN (NEMO), FORD (KA), LANCIA (DELTHA * LYBRA * MUSSA * Y * YPSILON) FIAT (BARCHETTA * BRAVA * BRAVO * FIORINO * MAREA * MULTIPLA * PALIO * PANDA * PUNTO * ESTILO * 500)	▪
<b>P</b> KV 284	SEAT (AROSA * CORDOBA * IBIZA), WV (LUPO * POLO)	▪
<b>P</b> KV 285	AUDI (A2), WV (LUPO)	▪
<b>A</b> KV 286	AUDI (A2), SEAT (CORDOBA * IBIZA), SKODA (FABIA), WV (FOX * POLO)	▪
<b>P</b> KV 287	AUDI (A2), SEAT (CORDOBA * IBIZA), SKODA (FABIA), WV (FOX * POLO)	▪
<b>P</b> KV 288	FIAT (PANDA * SEICENTO * 500), FORD (KA)	▪
<b>P</b> KV 289	CITROËN (BERLINGO * C3 * C4 * C5), PEUGEOT (207 * 307 * 308 * 3008 * PARTNER)	▪
<b>P</b> KV 290	CITROËN (C4), PEUGEOT (307)	▪
KV 291	FORD (TRANSIT)	▪
KF 292	OPEL (COMBO * CORSA * MERIVA * TIGRA)	▪
KB 293	OPEL (MOVANO), RENAULT (MASTER)	▪
<b>P</b> 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)	▪
<b>P</b> 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)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



KA



KB



KC



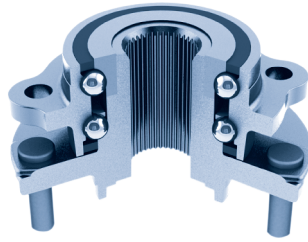
KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KF 309</b>	F 16119		VKBA 3945	R169.60	713618760	981475		K83707	6936
<b>KF 310</b>	<b>N</b> F 16120		VKBA 3216	R169.24	713618040	981851		K83728	6924
<b>KF 311</b>	F 16105					981799			6964
<b>KF 312</b>	F 16121		VKBA 3504	R155.52	713630710	701852		K82945	5502
<b>KF 313</b>	F 16122		VKBA 3490	R166.28	713630060	601323		EK78999 / K 80734	6628
<b>KF 314</b>	F 16051		VKBA 908	R155.14	713630370	701424	QWB 498	K82952	4045
<b>KF 315</b>	F 16123		VKBA 3616	R155.71	713644130	201085	QWB 1252		4099
<b>KF 316</b>	F 16119		VKBA 3237	R169.36	713618860	981475	QWB 1142	K83707	6936
<b>KF 317</b>	F 16090		VKBA 1973	R173.10	713619150	951449		EK78651	7310
<b>KB 318</b>	F 15172		VKBA 3311	R168.42	713613490	961753		EK78704	6839
<b>KF 319</b>	F 16191		VKBA 6643	R153.46					
<b>KF 320</b>	F 16124		VKBA 1377	R174.13	713617160	911600	QWB 490	EK73674 / K 80309	7413
<b>KF 321</b>	F 16125		VKBA 3703	R168.40	713613790	961479	QWB 941	K82319	6840
<b>P KV 322</b>	F 16178		VKBA 3660	R152.62	713678790	301667	QWB 1368		5262
<b>KV 323</b>	F 15177		VKBA 3654	R152.66	713678730	302903			5267
<b>P KV 324</b>	F 15178		VKBA 3655	R152.66	713678730	302901			5266
<b>KV 325</b>	F 15179		VKBA 3589	R152.58	713678670	302255	QWB 1259		5258
<b>P KV 326</b>	F 15180		VKBA 3590	R152.59	713678660	302257	QWB 1260		5259
<b>KF 327</b>	F 16036		VKBA 1432	R152.39	713678040	301132	QWB 817	EK74340 / K 81120	5239
<b>P KV 328</b>	F 16179		VKBA 3576	R152.24	713678430	302197	QWB 1236		5224
<b>P KV 329</b>	F 16126		VKBA 3575	R152.23	713678410	301183	QWB 1261		5223
<b>P KV 330</b>	F 16180		VKBA 3652	R153.50	713644340	202625			5350
<b>P KV 331</b>	F 16181		VKBA 3653	R153.49	713644330	202627			5349
<b>P KV 332</b>	F 16182		VKBA 3651	R153.48	713644320	201623			5348
<b>P KV 333</b>	F 16183		VKBA 3650	R153.47	713644310	201621			5347
<b>KF 334</b>	F 16127		VKBA 3648	R155.74	713644290	701247			5574
<b>P KV 335</b>	F 16184		VKBA 6507	R153.43	713644270	201691			5343
<b>P KV 336</b>	F 16185		VKBA 3624	R153.41 / R184.07	713644260 / 713619450	202519 / 922219	QWB 1076		5341
<b>KV 337</b>	F 16186		VKBA 3602	R153.38	713644230	202023			5338
<b>KB 338</b>	F 15128		VKBA 3601	R153.37	713644220	202021	QWB 1212		5337
<b>KB 339</b>	F 15173		VKBA 3617	R155.70	713644140	202101	QWB 1253		5570
<b>P KV 340</b>	F 16128		VKBA 3618	R155.69	713644120	201089	QWB 1251		5569
<b>KF 341</b>	F 16129		VKBA 3572	R153.36	713644110	202224		K82530	5336





KF



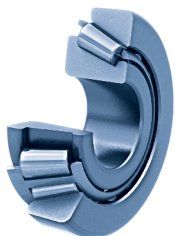
KV

- 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 309	RENAULT (LAGUNA * MEGANE * SAFRANE)	▪ ▪
KF 310	TOYOTA (PASEO)	▪
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)	▪
<b>P</b> KV 322	FORD (FOCUS, C-MAX)	▪
KV 323	FORD (TRANSIT)	▪
<b>P</b> KV 324	FORD (TRANSIT)	▪
KV 325	FORD (TRANSIT)	▪
<b>P</b> KV 326	FORD (TRANSIT)	▪
KF 327	FORD (ESCORT, FIESTA, PUMA, ORION)	▪
<b>P</b> KV 328	FORD (MONDEO), JAGUAR (X-TYPE),	▪
<b>P</b> KV 329	FORD (MONDEO), JAGUAR (X-TYPE),	▪ ▪
<b>P</b> KV 330	OPEL (ASTRA)	▪
<b>P</b> KV 331	OPEL (ASTRA, ZAFIRA)	▪
<b>P</b> KV 332	OPEL (ASTRA, ZAFIRA)	▪
<b>P</b> KV 333	OPEL (ASTRA)	▪
KF 334	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE, VEL SATIS, TRAFFIC)	▪
<b>P</b> KV 335	OPEL (SIGNUM, VECTRA)	▪
<b>P</b> 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)	▪
<b>P</b> KV 340	NISSAN (PRIMASTAR), OPEL (VIVARO), RENAULT (SPACE)	▪
KF 341	OPEL (AGILA)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



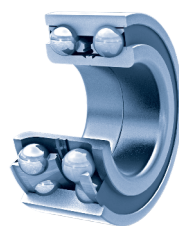
KA



KB



KC

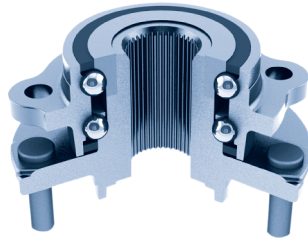


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>KF 342</b>	F 16130		VKBA 3571	R153.35	713644100	201087		K82529	5335
<b>P KV 343</b>	F 16187		VKBA 3620	R153.40	713644090	201517			5340
<b>KB 344</b>	F 15174		VKBA 3614	R140.01	713630780	702846		K82960	4001
<b>KB 345</b>	F 15043		VKBA 3521	R151.32	713667320	402063	QWB 1069	K82016	5132
<b>P KV 346</b>	F 16131		VKBA 3538	R158.44	713690750	801836	QWB 1102	K80123	5844
<b>KA 347</b>	F 15164	F 15164	VKBA 918	R152.32	713678770	302120	QWB 532	EK73558 / K 81115	5232
<b>KF 348</b>	F 16132		VKBA 3452/ VKBA 3668	R150.27	713649280	502135	QWB 1194	K80523	5025
<b>KA 349</b>	30304 F	30206 F	VKBA 708	R178.00	713614010	801618	QWB 493	EK73716	7800
<b>KB 350</b>	F 15175		VKBA 3639	R155.77	713630950	702982			5577
<b>P KV 351</b>	F 16133		VKBA 3637/ VKBA 3991	R155.75	713630840	701977	QWB 1254		5575
<b>KF 352</b>	F 16134		VKBA 1346	R169.14	713618370	982780	QWB 704	K83720	6914
<b>KV 353</b>	F 16192		VKBA 3930	R169.30	713618670	982939		EK79068	6930
<b>P KV 354</b>	F 16135		VKBA 3657	R166.03	713640310	601253	QWB 455		6603
<b>KB 356</b>	F 15187		VKBA 3551	R140.13	713690830	681923		K80758	4013
<b>KB 357</b>			VKBA 3680	R159.48	713640470	602893			
<b>P KV 358</b>			VKBA 3656	R154.55	713610690	102213			5454
<b>P KV 359</b>			VKBA 3643	R154.56	713610610	101017			5456
<b>P KV 360</b>			VKBA 6556	R154.61	713610770	101699			
<b>P KV 361</b>			VKBA 6558	R154.54	713610830	102019			5455
<b>KB 362</b>	F 15121		VKBA 3552	R140.14	713690840	682925		K80759	4014
<b>P KV 363</b>					713670030	991863			8604
<b>KB 364</b>			VKBA 3676	R155.78	713630970	702983			5579
<b>KB 365</b>			VKBA 3935	R189.07	713626090	941941			
<b>P KV 366</b>			VKBA 3638	R155.76	713630850	701978			5576
<b>P KV 367</b>			VKBA 3644	R154.54	713610620	102019			5455
<b>KB 368</b>	F 15041		VKBA 3658	R166.07	713640320	602669			6607
<b>KB 369</b>			VKBA 6544	R159.53	713640480	602883			5950
<b>KF 370</b>	F 16079		VKBA 3979	R169.68	713618770	981199			
<b>KF 371</b>			VKBA 3615	R155.72	713630920	700245	QWB 1264		5572
<b>KB 372</b>	F 15121		VKBA 3690	R141.03	713690940	681471			4038
<b>P KV 373</b>			VKBA 3598	R158.54	713690800	801974			5854
<b>KV 374</b>			VKBA 3674	R162.50	713649350	501161			6250



KF



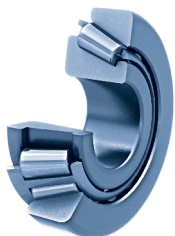
KV

- KA Single row tapered roller bearings / Rodamientos de rodillos cónicos
- KB Double row tapered roller bearings / Rodamientos cónicos de doble hilera
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- 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 342	OPEL (AGILA)	▪
<b>P</b> KV 343	FIAT (CROMA), OPEL (SIGNUM, VECTRA), SAAB (9-3)	▪
KB 344	RENAULT (MASTER), OPEL (MOVANO)	▪
KB 345	MERCEDES (CLASE A),	▪
<b>P</b> 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)	▪
<b>P</b> KV 351	DACIA (LOGAN, SANDERO), NISSAN (MICRA), RENAULT (CLIO)	▪
KF 352	TOYOTA (COROLLA)	▪
KV 353	TOYOYA (YARIS)	▪
<b>P</b> KV 354	CITROËN (C2, C3, DS3), PEUGEOT (207, 1007)	▪
KB 356	IVECO (DAILY I)	▪
KB 357	CITROËN C4, PEUGEOT 307	▪
<b>P</b> KV 358	AUDI A3, SEAT ALTEA, LEON, SKODA OCTAVIA	▪
<b>P</b> KV 359	AUDI A3, SKODA OCTAVIA	▪
<b>P</b> KV 360	AUDI (A3), SEAT (ALTEA * LEON), SKODA (OCTAVIA * YETI), VW (CADDY III * GOLF V * TOURAN)	▪
<b>P</b> 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)	▪
<b>P</b> KV 363	JEEP (GRAND CHEROKEE II)	▪
KB 364	RENAULT MEGANE II, SCENIC, GRAND SCENIC	▪
KB 365	KIA (CARNIVAL)	▪
<b>P</b> KV 366	RENAULT (CLIO III * MEGANE * MODUS * SCENIC * GRAND SCENIC * TWINGO)	▪
<b>P</b> 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)	▪
<b>P</b> KV 373	FIAT (BRAVO * STYLO), KANCIA (DELTA III)	▪
KV 374	MINI	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



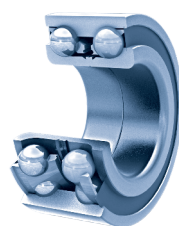
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KB



KC

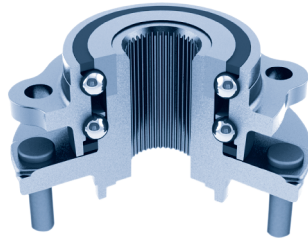


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P</b> KV 375			VKBA 3608	R155.07	713630900	701975	QWB 1263		5507
KF 376	F 16019		VKBA 3786	R190.00	713644660	971391		EK78813	5314
<b>P</b> KV 377			VKBA 3503	R160.48	713606040	802870	QWB 1287	K80128	6026
<b>P</b> 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	F 16079		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
<b>P</b> KV 394			VKBA 3646	R154.58	713610760	100013			5458
<b>P</b> 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
<b>P</b> KV 398			VKBA 3580	R160.30	713606300	801961			6030
<b>P</b> 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			
<b>P</b> KV 408			VKBA 3685		713661020	402467			
<b>P</b> KV 409			VKBA 3583	R158.53	713690730	802980			5853
<b>P</b> KV 410			VKBA 3693	R159.49	713640510	602681			5949





KF



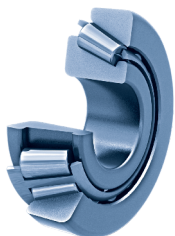
KV

- 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			
<b>P</b> KV 375	RENAULT (LAGUNA)	▪	▪
KF 376	CHEVROLET-DAEWOO (LANOS * KALOS)		▪
<b>P</b> KV 377	ALFA ROMEO (147 * 156 * GT)	▪	
<b>P</b> 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 * AVENTIS * CELICA * COROLLA * MR2 * WISH LIMUSNIA)		▪
KA 383	FORD (ESCORT, FIESTA * KA * PUMA * STREET KA)	▪	
KB 384	FORD (FIESTA V * FOCUS * FUSION)	▪	
<b>P</b> KV 385	FORD (TOURNEO CONNECT)		▪
KV 386	FORD (FOCUS C-MAX * C-MAX * FOCUS II)	▪	
KF 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)		▪
<b>P</b> KV 394	WV (MULTIVAN, TUAREG * TRANSPORTER * )	▪	▪
<b>P</b> KV 395	AUDI (A4) SEAT * EXEO)	▪	
KF 396	BMW (5 * 6 * 7)	▪	
KA 397	KIA (SPORTAGE)		▪
<b>P</b> KV 398	ALFA ROMEO (147)		▪
<b>P</b> 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)	▪	
<b>P</b> KV 408	MITSUBISHI (COLT), SMART (FORFOUR)	▪	
<b>P</b> KV 409	FIAT (DOBLO * FIORINO * STYLO)	▪	
<b>P</b> KV 410	CITROËN (C5 * C6), PEUGEOT (407 * 607)	▪	

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## Kits de rodamientos de rueda para turismos



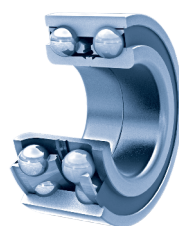
KA





KB



KC

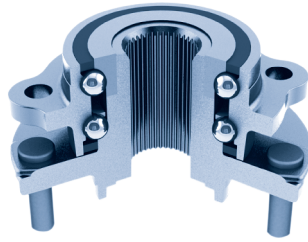


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P</b> KV 411			VKBA 3502	R160.25	713690760	801970	QWB 1099		6025
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	R151.365	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
<b>P</b> KV 420			VKBA 3570	R182.61	713610660	102079	QWB 1283	K84109	8261
<b>P</b> 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
<b>P</b> 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
<b>P</b> KV 434			VKBA 3633	R159.45	713640020	681261	QWB 957		5945
<b>P</b> KV 435			VKBA 3659	R166.32	713640030	602251			6632
KB 436			VKBA 3662						
<b>P</b> 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
<b>P</b> 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



KF



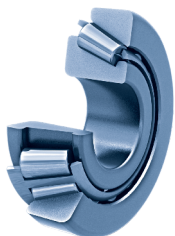
KV

- 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		 
<b>P</b> KV 411	ALFA ROMEO (147 * 156 * GT), LANCIA (THEISIS)	▪
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 (IMPENZA * FORESTER * LEGACY I-II)	▪
KF 417	SUZUKI (JIMNY)	▪
KF 418	BMW (1 * 3 * Z4)	▪
KC 419	SUZUKI (VITARA * X-90)	▪
<b>P</b> KV 420	SEAT (INCA), VW (CADDY)	▪
<b>P</b> 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)	▪
<b>P</b> 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)	▪
<b>P</b> KV 431	BMW (5 * 6)	▪
KV 432	BMW (1 * 3 * Z4)	▪
KF 433	SAAB (9-3 * 9-5)	▪
<b>P</b> KV 434	CITROËN (C8), FIAT (ULYSSE), LANCIA (PHEDRA), PEUGEOT (807)	▪
<b>P</b> KV 435	CITROËN (C2 * C3), PEUGEOT (206 * 1007)	▪
KB 436	MERCEDES (CLASE E RANCHERA FAMILIAR)	▪
<b>P</b> KV 437	OPEL (CORSA)	▪
KV 438	HIUNDAI (ELANTRA * MATRIX)	▪
KV 439	CHRYSLER (VOYAGER), DODGE (CARAVAN)	▪
<b>P</b> KV 440	RENAULT (AVANTIME * SPACE II-III)	▪
KF 441	LANDROVER (FREELANDER)	▪
KF 442	NISSAN (X-TRAIL)	▪
KB 443		▪
KC 444	SUZUKI (CARRY * SJ)	▪

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## Kits de rodamientos de rueda para turismos



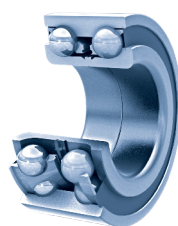
KA



KB



KC



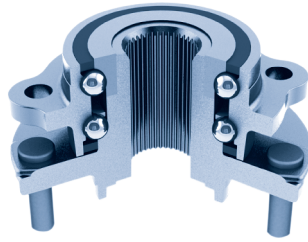
KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P</b> KV 445			VKBA 3594	R166.31	713630770	602955	QWB 1266		6631
KF 446	F 16040		VKBA 3607	R157.46					
<b>P</b> KV 447			VKBA 3691	R160.51	713606340	802612			6052
KF 448	F 16036		VKBA 3785	R190.01	713644670	971393		K80410	5315
<b>P</b> 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	
<b>P</b> 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
<b>P</b> 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
<b>P</b> KV 458			VKBA 6500	R159.50	713640460	602746			5948
<b>P</b> KV 459			VKBA 3545	R166.30	713650540	602386	QWB 1275	K80735	6630
<b>P</b> KV 460			VKBA 3592	R166.29	713640420	602345	QWB 1237	EK78893	5933
<b>P</b> KV 461			VKBA 6550	R153.57		801836		K80123	5844
<b>P</b> 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
<b>P</b> KV 471			VKBA 3599	R158.55	713690810	801267			5855
<b>P</b> KV 472			VKBA 3675	R150.32	713667780	502252	QWB 1242		5032
<b>P</b> KV 473			VKBA 6575	R159.55	713640540	681913			
<b>P</b> 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





KF



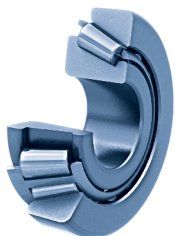
KV

- 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		 
<b>P</b> KV 445	CITROËN (C5)	▪
KF 446	AUDI (A3 * TT), SEAT (LEON), VW (GOLF)	▪
<b>P</b> KV 447	ALFA ROMEO (147 * 156 * GT)	▪
KF 448	DAEWOO (LANOS * NUBIRA)	▪
<b>P</b> KV 449	MG, ROVER (45 * 25 * 400 * 200)	▪
KF 450	MERCEDES (CLASE A * Vaneo)	▪
KV 451	TOYOTA AVENSIS 2.0 TD 97-03	▪
<b>P</b> KV 452	MG ROVER (75)	▪
KF 453	FORD (TRANSIT)	▪
<b>P</b> 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)	▪
<b>P</b> KV 458	CITROËN (BERLINGO * XSARA), PEUGEOT (PARTNER)	▪
<b>P</b> KV 459	CITROËN (XSARA), PEUGEOT (306)	▪
<b>P</b> KV 460	CITROËN (BERLINGO * XSARA), PEUGEOT (PARTNER)	▪
<b>P</b> KV 461	OPEL (CORSA)	▪
<b>P</b> KV 462	MINI	▪
KC 463	SUZUKI (VITARA)	▪
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)	▪
<b>P</b> KV 471	ALFA ROMEO (156), FIAT (BRAVO * STYLO), LANCIA (DELTA)	▪
<b>P</b> KV 472	BMW (5 * 6 * 7 * X5)	▪
<b>P</b> KV 473	CITROËN (JUMPY), FIAT (SCUDO), PEUGEOT (EXPERT)	▪
<b>P</b> 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)	▪

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## Kits de rodamientos de rueda para turismos



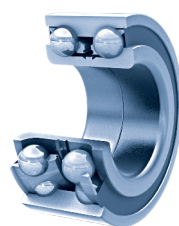
KA



KB



KC

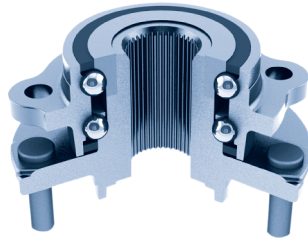


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
<b>P</b> KV 480			VKBA 3632	R165.30	713660340	892929		K84029	6530
KV 481			VKBA 3789		713644770				
KV 482			VKBA 3931	R169.51	713618680	982195			6951
KA 483	JL 69349/310	LM 102949/10	VKBA 3949						
<b>P</b> 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
<b>P</b> KV 492			VKBA 3542	R155.66	713630870	702958	QWB 1109		5566
<b>P</b> 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
<b>P</b> KV 505			VKBA 3460	R161.19	713617350	882483	QWB 998	EK78954	6119
KV 506			VKBA 3619	R164.25	713665300	891311			
<b>P</b> 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
<b>P</b> KV 510			VKBA 6540	R158.43	713606400	801838		K80124	5843
<b>P</b> KV 511			VKBA 6548	R157.42	713610810	102497			5742
<b>P</b> 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



KF



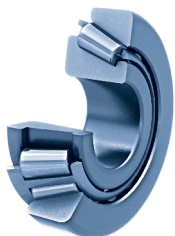
KV

- 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		 
<b>P</b> KV 480	VOLVO (S60 * V70 * XC70 * S80)	▪
KV 481	DAEWOO (LEGANZA)	▪
KV 482	TOYOTA (VIOS * YARIS * VITZ * YARIS VERSO)	▪
KA 483	MAZDA (B-SERIE * B-СЕРИЯ * E-SERIE * E-СЕРИЯ)	▪
<b>P</b> 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)	▪
<b>P</b> KV 492	RENAULT (LAGUNA)	▪
<b>P</b> 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 * ZODIAK)	▪
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)	▪
<b>P</b> KV 505	MG ROVER (45 * 25 * 400 * 200 * COUPE * GT)	▪
KV 506	SAAB (9-5)	▪
<b>P</b> KV 507	CITROËN (C1), PEUGEOT (107), TOYOTA (AYGO)	▪
KF 508	HIUNDAI (ELANTRA * SONATA), KIA (MAGENTIS)	▪
KF 509	SUZUKI (ALTO * IGNIS * SWIFT * WAGON)	▪
<b>P</b> KF 510	ALFA ROMEO (MITO), FIAT (PUNTO * 500)	▪
<b>P</b> KV 511	AUDI (A6)	▪
<b>P</b> KF 512	BMW (1 * 3 * 3 TOURING)	▪
KV 513	HIUNDAI (ACCENT)	▪
KV 514	VOLVO (850)	▪

# 10.0\ Passenger car wheel bearing kits

## Kits de rodamientos de rueda para turismos



KA



KB



KC

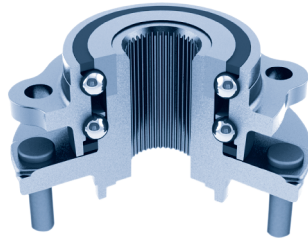


KD

Fersa			SKF	SNR	FAG	OPTIMAL	QH	TIMKEN	RUVILLE
KA 515	LM 503349 A/10	32206 F	VKBA 3426	R140.88	713667020	402143	QWB 1198	K82063	4088
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
<b>P</b> KV 518			VKBA 3568	R157.49	713610580	101025		K83108	7805
KF 519	F 16054		VKBA 3605	R157.28	713610710	102097			5728
<b>P</b> 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
<b>P</b> KV 523			VKBA 6516	R158.56	713690920	802265			5856
KV 524			VKBA 6553	R153.51	713644850	202286			
<b>P</b> 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
<b>P</b> KV 534			VKBA 3541	R160.27	713606290	802888		K80126	6027
<b>P</b> KV 535			VKBA 3561	R155.67	713630880	702957	QWB 1277		5567
<b>P</b> 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					
<b>P</b> KV 539			VKBA 6561	R155.80	713630990	701837			5580
KF 540			VKBA 6972	R170.49		941237			
<b>P</b> 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
<b>P</b> KV 546			VKBA 3440	R155.42	713630510	702313	QWB 954	K82934	5542
<b>P</b> KV 547			VKBA 3459	R160.23	713606060	802485	QWB 1071	EK78900	6023
<b>P</b> KV 548			VKBA 3595	R159.43	713640450	602509		EK78873	5943
<b>P</b> 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

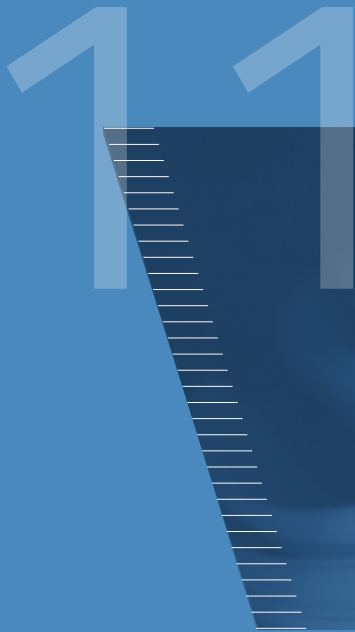
Fersa		 
KA 515	MERCEDES (100)	▪
KF 516	VOLVO (S40 * V40)	▪
KA 517	JAGUAR (XJ)	▪
<b>P</b> KV 518	SKODA (FABIA; VW (POLO)	▪
KF 519	AUDI (A4 * AVANT * CABRIO)	▪
<b>P</b> KV 520	NISSAN (KUBISTAR), <b>RENAULT</b> (KANGOO)	▪
KV 521	KIA (CLARENS * CLARUS)	▪
KC 522	SUZUKI (JIMNY)	▪
<b>P</b> KV 523	FIAT (STYLO)	▪
KV 524	OPEL (CORSA)	▪
<b>P</b> 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)	▪
<b>P</b> KV 534	ALFA ROMEO (166)	▪
<b>P</b> KV 535	RENAULT (LAGUNA)	▪
<b>P</b> KV 536	ALFA ROMEO(145 * 146 * GTV * SPIDER), <b>FIAT</b> (BRAVO * MAREA), <b>LANCIA</b> (KAPPA * LYBRA)	▪
KV 537	TOYOTA (COROLLA)	▪
KV 538	TOYOTA (CARISMA * SAPCE WAGON)	▪
<b>P</b> KV 539	DACIA (LOGAN)	▪
KF 540	MAZDA (3)	▪
<b>P</b> KV541	SUZUKI (GRAND VITARA)	▪
KA 542	KIA (PRIDE), <b>MAZDA</b> (121)	▪
KF 543	CITROËN (XM) <b>PEUGEOT</b> (605)	▪
KV 544	FIAT (PANDA), <b>LANCIA</b> (Y10)	▪
KA 545	HYUNDAI (LANTRA * PONY)	▪
<b>P</b> KV 546	RENAULT (SAFRANE)	▪
<b>P</b> KV 547	ALFA ROMEO (GTV * SPIDER)	▪
<b>P</b> KV 548	CITROËN (BERLINGO * XSARA), <b>PEUGEOT</b> (PARTNER)	▪
<b>P</b> 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	Serie pulgadas
TRBM	Metric series	Serie 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




# 11.1 \ Special Fersa references numerical list


## Lista numérica de referencias especiales de Fersa

Fersa		PAG.
<b>F 15000 SERIE</b>		
F 10053	TRBS	32
F 15001	TRBS	32
F 15002	TRBS	32
F 15003	TRBS	32
F 15004	BBT	102
F 15005	BBC	104
F 15007	TRBS	32
F 15008/F 15009	TRBS	32
L 814749/F 15010	TRBS	32
F 15014	TRBS	32
F 15015	TRBDR	52
F 15023	TRBS	32
F 15026	TRBF	42
F 15028	TRBS	32
F 15029	TRBS	32
F 15030	TRBDR	52
F 15031	BBT	102
F 15033	BBT	102
F 15034	BBT	102
F 15036	TRBS	32
F 15040	TRBS	32
F 15041	TRBDR	52
F 15042	TRBDR	52
F 15043	TRBDR	52
F 15044	TRBDR	52
F 15045	TRBDR	52
F 15046	TRBS	32
F 15047	TRBS	32
F 15048	TRBS	32
F 15050	TRBDR	52
F 15051 C	TRBS	32
F 15051 R	TRBS	32
F 15052	BBC	104
F 15054/3720	TRBS	32
F 15055/LM 29710	TRBS	34
F 15056	TRBS	34
F 15057	BBT	102
F 15058	BBT	102
F 15059	BBT	102
F 15060	BBT	102
F 15062	TRBDR	52
F 15063	TRBS	34
F 15064	BBT	102
F 15067	TRBDR	52
F 15068	TRBDR	52
F 15070	BBC	104
F 15071	TRBS	34
F 15075	TRBS	34
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F 15089	TRBS	34
F 15090	TRBF	42
F 15091	BBT	102

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F 15097	HWT	132
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F 15104	TRBS	34
F 15108	TRBF	42
F 15109	TRBS	34
CONE F 15110	CONE	48
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F 15112	TRBS	34
CONE F 15113	CONE	48
F 15114	TRBS	34
F 15115	TRBS	34
F 15116	TRBS	34
F 15117	TRBS	34
F 15118	BBC	104
F 15119	TRBS	34
F 15120	HWT	132
F 15121	HWT	132
F 15122	HWT	132
F 15125	HWT	132
F 15126	HWT	132
F 15127	HWT	132
F 15128	TRBDR	52
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F 15130	TRBDR	52
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F 15133	TRBS	34
CONE F 15134	CONE	48
F 15139	BBC	104
F 15140	BBC	104
F 15141	BBC	104
F 15146	TRBDR	52
F 15149	TRBDR	52
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F 15151	TRBDR	52
F 15154	TRBDR	52
F 15156	TRBS	34
F 15157	TRBS	34
F 15158	TRBS	34
F 15159	TRBS	36
F 15160	TRBDR	54
F 15161	TRBF	42
F 15165	TRBS	36
F 15166	TRBDR	54
F 15167	TRBDR	54
F 15168	TRBDR	54
F 15173	TRBDR	54
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F 15192	TRBF	42
F 15193	TRBS	36
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F 15200	TRBS	36
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F 15202	TRBS	36
F 15203	TRBS	36
F 15208	TRBS	36
F 15209	BBC	104
F 15210	BBC	104
F 15211	BBC	104
F 15212	TRBF	42
<b>CONE F 15213</b>	CONE	48
F 15218	TRBDR	54
F 15224	BBC	104
F 15239	TRBS	36
<b>CONE F 15244</b>	CONE	48
F 15245	TRBS	36
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<b>CONE F 15249</b>	CONE	48
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F 15254	TRBS	36
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F 15256	TRBS	36
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F 15268	TRBDR	54
<b>CONE F 15269</b>	CONE	48
F 15270	TRBS	38
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F 15291	TRBS	38
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F 15323	TRBS	40
F 15324	TRBDR	54
F 15326	TRBS	40
<b>CONE F 15327</b>	CONE	48


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<b>CONE F 15328</b>	CONE	48
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F 15330	TRBDR	40
F 15332	TRBS	40
<b>CONE F 15333</b>	CONE	48
F 15334	TRBS	40
F 15336	TRBS	40
F 15337	TRBS	40
F 15338	TRBS	40
F 15340	TRBS	40
F 15341	TRBS	40
F 15342	TRBS	40
F 15345	TRBS	40
F 15346	TRBS	40
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F 15348	TRBS	40
<b>CONE F 15356</b>	CONE	48

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F 16001	BBDRACS	80
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F 16004	BBDRACS	80
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F 16063	BBDRACS	86


# 11.1 \ Special Fersa references numerical list

## Lista numérica de referencias especiales de Fersa

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F 16066	BBDRACS	86
F 16068	BBDRACS	86
F 16074	BBDRACS	86
F 16076	BBDRACS	86
F 16077	BBDRACS	86
F 16078	BBDRACS	86
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F 16081	BBDRACS	86
F 16082	BBDRACS	88
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F 16095	BBDRACS	88
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F 16099	AIR	98
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F 16120	BBDRACS	90
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F 16124	BBDRACS	90
F 16128	BBDRACS	90
F 16129	BBDRACS	90
F 16189	AIR	98
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F 16193	BBDRACS	90
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F 17000 K SERIE		
F 17031 K	NRBS	124
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F 17034 K	NRBS	124
F 17035 K	NRBS	124
F 17038 K	NRBS	124
F 17039 K	NRBS	124
F 17040 K	NRBS	124
F 17041 K	NRBS	124
F 17043 K	NRBS	124
F 17044 K	NRBS	124
F 17045 K	NRBS	124
F 17046 K	NRBS	124
F 17051 K	NRBS	124
F 17052 K	NRBS	124
F 17053 K	NRBS	124
F 17054 K	NRBS	124
F 17056 K	NRBS	124
F 17057 K	NRBS	126
F 17058 K	NRBS	126
F 17059 K	NRBS	126
F 17060 K	NRBS	126
F 17061 K	NRBS	126
F 17062 K	NRBS	126
F 17063 K	NRBS	126
F 17064 K	NRBS	126
F 17076 K	NRBS	126
F 17077 K	NRBS	126
F 17078 K	NRBS	126
F 17079 K	NRBS	126
F 17080 K	NRBS	126
F 17081 K	TRBS	126
F 17082 K	NRBS	126
F 17083 K	NRBS	126
F 17084 K	NRBS	126
F 17085 K	NRBS	126
F 17086 K	NRBS	126
F 17087 K	NRBS	126
F 17088 K	NRBS	126
F 17089 K	NRBS	126
F 17090 K	NRBS	126
F 17091 K	NRBS	126
F 17092 K	NRBS	126
F 17093 K	NRBS	126
F 17094 K	NRBS	126
F 17095 K	NRBS	126
F 17096 K	NRBS	126
F 17097 K	NRBS	126
F 17098 K	NRBS	126
F 17099 K	NRBS	128
F 17100 K	NRBS	128
F 17101 K	NRBS	128
F 17102 K	NRBS	128

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F 17103 K	NRBS	128
F 17104 K	NRBS	128
F 17105 K	NRBS	128

#### F 18000 SERIE

F 18009	BBS	74
F 18011	BBS	74
F 18012	BBC	104
F 18013	BBC	104
F 18015	BBS	74
F 18018	BBS	74
F 18019	BBS	74
F 18020	BBS	74
F 18021	BBS	74
F 18022	BBS	74
F 18023	BBS	74
F 18024	BBS	74
F 18025	BBS	74
F 18028	BBC	104
F 18031	BBC	104
F 18032	BBS	74
F 18033	BBS	74
F 18036	BBS	74
F 18037	BBS	74
F 18038	BBS	74
F 18039	BBS	74
F 18040	BBC	104
F 18041	BBS	74
F 18042	BBS	74
F 18043	BBS	76
F 18046 2RS	BBS	76
F 18046 ZZ	BBS	76
F 18047	BBS	76
F 18048	BBS	76
F 18049	BBS	76
F 18050	BBS	76
F 18051	BBS	76
F 18052	BBS	76
F 18053	BBS	76
F 18054	BBS	76
F 18055	BBS	76
F 18056	BBS	76
F 18058	BBS	76
F 18059	BBS	76
F 18060	BBS	76
F 18062	BBS	76


#### F 19000 SERIE

F 19001	CRBS	112
F 19002	CRBS	112
F 19003	CRBS	112
F 19004	CRBS	112
F 19005	CRBS	112
F 19006	CRBS	112
F 19008	CRBS	112
F 19009	CRBS	112
F 19010	CRBS	112
F 19011	CRBS	112
F 19012	CRBS	112

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F 19013	CRBS	112
F 19014	CRBS	112
F 19015	CRBS	112
F 19016	CRBS	112
F 19017	CRBS	112
F 19019	CRBS	112
F 19020	CRBS	112
F 19022	CRBS	112
F 19023	CRBS	112
F 19024	CRBS	112
F 19025	CRBS	112
F 19026	CRBS	112
F 19029	CRBS	114
F 19030	CRBS	114
F 19031	CRBS	114
F 19032	CRBS	114
F 19033	CRBS	114
F 19034	CRBS	114
F 19035	CRBS	114
F 19037	CRBS	114
F 19038	CRBS	114
F 19039	CRBS	114
F 19040	CRBS	114
F 19042	CRBS	114
F 19043	CRBS	114
F 19044	CRBS	114
F 19045	CRBS	114
F 19046	CRBS	114
F 19047	CRBS	114
F 19048	CRBS	114
F 19055	CRBS	114
F 19061	CRBS	114
F 19062	CRBS	114
F 19063	CRBS	114
F 19064	CRBS	114
F 19065	CRBS	114
F 19066	CRBS	114
F 19067	CRBS	114
F 19068	CRBS	114
F 19069	CRBS	116
F 19070	CRBS	116
F 19071	CRBS	116
F 19075	CRBS	116
F 19076	CRBS	116
F 19077	CRBS	116
F 19078	CRBS	116
F 19079	CRBS	116
F 19080	CRBS	116
F 19081	CRBS	116
F 19083	CRBS	116
F 19084	CRBS	116
F 19085	CRBS	116
F 19086	CRBS	116
F 19087	CRBS	116
F 19088	CRBS	116
F 19089	CRBS	116
F 19090	CRBS	116
F 19091	CRBS	116
F 19093	CRBS	116
F 19095	CRBS	116

# 11.1 \ Special Fersa references numerical list

## Lista numérica de referencias especiales de Fersa

Fersa		PAG.
F 19096	CRBS	116
F 19097	CRBS	116
F 19099	CRBS	116
F 19100	CRBS	116
F 19101	CRBS	116
F 19105	CRBS	116
F 19106	CRBS	116



F 200000 SERIE		
F 200004	KWT	134
F 200005	KWT	134
F 200013	KWT	134
F 200014	KWT	134
F 200015	KWT	134
F 200016	KWT	134
F 200017	KWT	136
F 200018	KWT	136
F 200019	KWT	136
F 200025	KWT	136
F 200028	KWT	136
F 200029	KWT	136
F 200031	KWT	136

F 300000 SERIE		
F 300001	CWT	136
F 300003	CWT	136
F 300005	CWT	138
F 300006	CWT	138
F 300007	CWT	138
F 300010	CWT	138

F 400000 SERIE		
F 400001	PHA	140
F 400002	PHA	140
F 400003	PHA	140
F 400004	PHA	140
F 400006	PHA	140
F 400007	PHA	140
F 400008	PHA	140
F 400009	PHA	140
F 400010	PHA	140
F 400013	PHA	140
F 400014	PHA	140
F 400015	PHA	140
F 400016	PHA	140
F 400018	PHA	142
F 400019	PHA	142
F 400021	PHA	142
F 400022	PHA	142
F 400023	PHA	142







Two columns of horizontal dotted lines for writing, each starting with a pencil icon at the top left.


# 11.2\ Fersa dimensional list

## Lista dimensional Fersa

d	D	T	FERSA		PAG.
-	44,450	9,525	<b>6</b>	TRBSt	46
-	49,146	19,050	<b>6 CE</b>	TRBSt	46
-	49,225	11,509	<b>13 C</b>	TRBSt	46
-	54,600	22,000	<b>F 19005</b>	CRBS	112
-	55,000	20,000	<b>F 19079</b>	CRBS	116
-	57,092	17,094	<b>14 XS</b>	TRBSt	46
-	62,000	16,000	<b>F 19068</b>	CRBS	114
-	80,000	26,500	<b>F 19069</b>	CRBS	116
6,000	19,000	6,000	<b>626</b>	BB	62
7,000	19,000	6,000	<b>607</b>	BB	62
8,000	22,000	7,000	<b>608</b>	BB	62
8,000	24,000	8,000	<b>628</b>	BB	62
9,000	24,000	7,000	<b>609</b>	BB	62
9,000	26,000	8,000	<b>629</b>	BB	62
10,000	26,000	8,000	<b>6000</b>	BB	62
10,000	30,000	9,000	<b>6200</b>	BB	65
10,000	35,000	11,000	<b>6300</b>	BB	68
12,000	28,000	8,000	<b>6001</b>	BB	62
12,000	32,000	10,000	<b>6201</b>	BB	65
12,000	32,000	14,000	<b>62201</b>	BB	67
12,000	32,000	10,000 / 15,350	<b>F 18046 2RS</b>	BBS	76
12,000	32,000	10,000 / 15,350	<b>F 18046 ZZ</b>	BBS	76
12,000	37,000	12,000	<b>6301</b>	BB	68
12,000	40,000	12,000	<b>6203/12</b>	BB	65
12,200	36,600	11,000	<b>F 15034</b>	BBT	102
14,200	36,600	11,000	<b>F 15033</b>	BBT	102
15,000	32,000	9,000	<b>6002</b>	BB	62
15,000	35,000	11,000	<b>6202</b>	BB	65
15,000	35,000	11,000	<b>NU 202 FM/C3</b>	CRB	108
15,000	35,000	11,750	<b>30202 F</b>	TRBM	8
15,000	35,000	13,000	<b>F 18015</b>	BBS	74
15,000	35,000	14,000	<b>62202</b>	BB	67
15,000	42,000	13,000	<b>6302</b>	BB	68
15,000	42,000	14,250	<b>30302 F</b>	TRBM	8
15,000	47,000	14,000	<b>6303/15</b>	BB	68
15,875	42,862	14,288	<b>11590/11520</b>	TRBI	20
15,875	47,000	14,000	<b>F 19055</b>	CRBS	114
15,987	46,975	21,000	<b>HM 81649/ HM 81610</b>	TRBI	27
16,300	56,000	9,000	<b>F 15052</b>	BBC	104
16,993	47,000	14,382	<b>05066/05185</b>	TRBI	20
17,000	35,000	10,000	<b>6003</b>	BB	62
17,000	40,000	12,000	<b>6203</b>	BB	65
17,000	40,000	13,250	<b>30203 F</b>	TRBM	8
17,000	47,000	14,000	<b>6303</b>	BB	68
17,000	47,000	15,250	<b>30303 F</b>	TRBM	8
17,000	47,000	15,250	<b>31303 F</b>	TRBM	9
17,000	47,000	20,250	<b>32303 F</b>	TRBM	11
17,000	52,000	15,000	<b>6304/17</b>	BB	69
17,000	52,000	16,000	<b>6304/17 B16</b>	BB	68
17,000	52,000	17,000	<b>6304/17 B17</b>	BB	68
17,000	62,000	17,000	<b>6403</b>	BB	71
17,000	62,000	17,000 / 17,600	<b>F 18020</b>	BBS	74
17,462	39,878	13,843	<b>LM 11749/ LM 11710</b>	TRBI	20
19,050	39,992	12,014	<b>A 6075/A 6157</b>	TRBI	19
19,050	44,450	12,700	<b>4 A/6</b>	TRBI	14


d	D	T	FERSA		PAG.
19,050	45,237	15,494	<b>LM 11949 RS/LM 11910</b>	TRBI	20
19,050	45,237	15,494	<b>LM 11949/ LM 11910</b>	TRBI	20
19,050	49,225	18,034	<b>09067/09195</b>	TRBI	20
19,050	49,225	19,845	<b>09074/09195</b>	TRBI	20
19,050	49,225	21,209	<b>09067/09196</b>	TRBI	20
19,050	49,225	23,020	<b>09074/09194</b>	TRBI	20
19,050	49,225	23,020	<b>09074/09196</b>	TRBI	20
19,050	53,975	22,225	<b>21075/21212</b>	TRBI	22
20,000	37,000	9,000	<b>61904</b>	BB	64
20,000	42,000	12,000	<b>6004</b>	BB	63
20,000	42,000	15,000	<b>32004 XF</b>	TRBM	9
20,000	42,000	15,000	<b>32004 XR</b>	TRBM	9
20,000	47,000	14,000	<b>6204</b>	BB	65
20,000	47,000	15,250	<b>30204 F</b>	TRBM	8
20,000	47,000	18,000	<b>62204</b>	BB	67
20,000	47,000	19,250	<b>32204 F</b>	TRBM	10
20,000	47,000	19,250	<b>32204 FR</b>	TRBM	10
20,000	52,000	12,000	<b>6304 B12</b>	BB	69
20,000	52,000	15,000	<b>6304</b>	BB	68
20,000	52,000	15,000	<b>NUP 304 FM/C3</b>	CRB	109
20,000	52,000	16,250	<b>30304 F</b>	TRBM	8
20,000	52,000	19,250	<b>F 15199</b>	TRBS	36
20,000	52,000	21,000	<b>62304</b>	BB	68
20,000	52,000	22,250	<b>32304 F</b>	TRBM	11
20,000	56,000	12,000	<b>6304 B12 D56</b>	BB	69
20,000	72,000	19,000	<b>6404</b>	BB	71
20,625	49,225	19,845	<b>09081/09195</b>	TRBI	20
20,625	49,225	23,020	<b>09081/09196</b>	TRBI	21
21,430	45,237	15,494	<b>LM 12748/ LM 12710</b>	TRBI	21
21,430	50,005	17,026	<b>M 12649 F/ M 12610 F</b>	TRBI	21
21,430	50,005	17,526	<b>M 12649/ M 12610</b>	TRBI	21
21,986	45,000	6,500	<b>F 15108</b>	TRBF	42
21,986	45,237	15,494	<b>LM 12749/ LM 12710</b>	TRBI	21
21,986	45,974	15,494	<b>LM 12749/ LM 12711</b>	TRBI	21
22,000	41,000	14,500	<b>F 15028</b>	TRBS	32
22,000	44,000	15,000	<b>320/22 XF</b>	TRBM	9
22,000	47,000	20,750	<b>F 15063</b>	TRBS	34
22,000	47,000	20,750	<b>F 15089</b>	TRBS	34
22,000	50,000	14,000	<b>62/22</b>	BB	65
22,000	56,000	16,000	<b>63/22</b>	BB	68
22,225	50,800	15,011	<b>07087 X/07210 X</b>	TRBI	20
22,225	50,800	15,011	<b>07087/07210 X</b>	TRBI	20
22,225	51,994	15,011	<b>07087 X/07204</b>	TRBI	20
22,225	51,994	15,011	<b>07087/07204</b>	TRBI	20
22,225	52,388	19,368	<b>1380/1328</b>	TRBI	17
22,225	57,150	22,225	<b>1280/1220</b>	TRBI	17
23,812	56,896	19,368	<b>1779/1729 X</b>	TRBI	17
24,000	-	17,000	<b>F 19032</b>	CRBS	114
24,000	-	28,500	<b>CONE F 15084</b>	CONE	48
24,054	48,021	15,088	<b>T 94</b>	TRBT	58
25,000	47,000	12,000	<b>6005</b>	BB	63
25,000	47,000	15,000	<b>32005 XF</b>	TRBM	9
25,000	47,000	15,000	<b>32005 XR</b>	TRBM	9


d	D	T	FERSA		PAG.
25,000	51,400	13,200	<b>F 15339</b>	TRBS	40
25,000	51,994	15,011	<b>07097/07204</b>	TRBI	20
25,000	52,000	15,000	<b>6205</b>	BB	65
25,000	52,000	16,250	<b>30205 F</b>	TRBM	8
25,000	52,000	16,250	<b>30205 FR</b>	TRBM	8
25,000	52,000	16,300	<b>F 15337</b>	TRBS	40
25,000	52,000	18,000	<b>62205</b>	BB	67
25,000	52,000	18,000	<b>F 19023</b>	CRBS	112
25,000	52,000	18,000	<b>NJ 2205 FM/C3</b>	CRB	108
25,000	52,000	18,000	<b>NUP 2205 FM/C3</b>	CRB	110
25,000	52,000	19,250	<b>32205 BF</b>	TRBM	10
25,000	52,000	19,250	<b>32205 F</b>	TRBM	10
25,000	52,000	21,000	<b>F 19029</b>	CRBS	114
25,000	52,000	22,000	<b>33205 F</b>	TRBM	13
25,000	52,000	37,000	<b>F 15041</b>	TRBDR	52
25,000	52,000	37,000	<b>F 15050</b>	TRBDR	52
25,000	52,000	42,000	<b>F 16129</b>	BBDRACS	90
25,000	52,000	43,000	<b>F 15042</b>	TRBDR	52
25,000	52,000	18,000 / 20,600	<b>F 19004</b>	CRBS	112
25,000	54,000	9,250	<b>F 15196</b>	TRBF	42
25,000	55,000	13,750	<b>F 15315</b>	TRBS	38
25,000	55,000	13,750	<b>F 15336</b>	TRBS	40
25,000	55,000	15,000	<b>F 18058</b>	BBS	76
25,000	55,000	43,000	<b>F 15043</b>	TRBDR	52
25,000	55,000	45,000	<b>F 15175</b>	TRBDR	54
25,000	56,000	12,000	<b>6205 B12 D56</b>	BB	65
25,000	56,000	32,000	<b>F 16004</b>	BBDRACS	80
25,000	57,000	18,000	<b>F 19093</b>	CRBS	116
25,000	59,000	4,100	<b>F 15090</b>	TRBF	42
25,000	59,000	17,500	<b>F 18019</b>	BBS	74
25,000	62,000	17,000	<b>6305</b>	BB	69
25,000	62,000	17,000	<b>NJ 305 F</b>	CRB	108
25,000	62,000	17,250	<b>F 15313</b>	TRBS	38
25,000	62,000	18,250	<b>30305 F</b>	TRBM	8
25,000	62,000	18,250	<b>31305 F</b>	TRBM	9
25,000	62,000	18,250	<b>F 15001</b>	TRBS	32
25,000	62,000	19,000	<b>F 18062</b>	BBS	76
25,000	62,000	24,000	<b>62305</b>	BB	68
25,000	62,000	24,000	<b>6306/25</b>	BB	69
25,000	62,000	25,250	<b>32305 F</b>	TRBM	11
25,000	62,000	17,000 / 19,000	<b>F 19040</b>	CRBS	114
25,000	62,020	17,500	<b>F 18018</b>	BBS	74
25,000	66,000	22,050	<b>F 15316</b>	TRBS	38
25,000	69,000	20,000	<b>F 18022</b>	BBS	74
25,000	72,000	19,000	<b>6306/25</b>	BB	69
25,000	80,000	21,000	<b>6405</b>	BB	71
25,000	80,000	21,000	<b>NJ 405 F</b>	CRB	108
25,400	50,005	13,495	<b>07100 S/07196</b>	TRBI	20
25,400	50,005	13,495	<b>07100/07196</b>	TRBI	20
25,400	50,292	14,224	<b>L 44643 RS/ L 44610</b>	TRBI	25
25,400	50,292	14,224	<b>L 44643/L 44610</b>	TRBI	25
25,400	50,800	15,011	<b>07100 S/07210 X</b>	TRBI	20
25,400	51,994	15,011	<b>07100/07204</b>	TRBI	20
25,400	56,896	19,368	<b>1780/1729</b>	TRBI	17
25,400	57,150	17,462	<b>15578/15520</b>	TRBI	22
25,400	57,150	19,431	<b>M 84548/ M 84510</b>	TRBI	27

d	D	T	FERSA		PAG.
25,400	58,738	19,050	<b>1986/1932</b>	TRBI	17
25,400	59,530	23,368	<b>M 84249/ M 84210</b>	TRBI	27
25,400	60,325	19,845	<b>1986/1931</b>	TRBI	17
25,400	62,000	19,050	<b>15100/15245</b>	TRBI	21
25,400	62,000	19,050	<b>15101/15245</b>	TRBI	22
25,400	63,500	20,638	<b>15100/15250</b>	TRBI	21
25,400	63,500	20,638	<b>15100/15250 X</b>	TRBI	22
25,400	63,500	20,638	<b>15101/15250</b>	TRBI	22
25,400	63,500	20,638	<b>15101/15250 X</b>	TRBI	22
25,500	-	19,000	<b>F 19017</b>	CRBS	112
25,654	50,800	15,875	<b>T 101</b>	TRBT	58
25,987	51,986	15,011	<b>L 44645/ L 44613</b>	TRBI	25
25,987	57,150	17,462	<b>15579 X/15520</b>	TRBI	22
25,995	68,000	14,500 / 21,550	<b>F 18024</b>	BBS	74
26,162	61,912	19,050	<b>15103 S/15243</b>	TRBI	21
26,162	62,000	19,050	<b>15103 S/15245</b>	TRBI	22
26,988	50,292	14,224	<b>F 15308</b>	TRBS	38
26,988	50,292	14,224	<b>L 44649/ L 44610</b>	TRBI	25
26,988	57,150	17,462	<b>15580/15520</b>	TRBI	22
26,988	62,000	19,050	<b>15106/15245</b>	TRBI	22
26,988	63,500	20,638	<b>15106/15250</b>	TRBI	22
26,988	63,500	20,638	<b>15106/15250 X</b>	TRBI	22
27,000	51,400	13,200	<b>F 15342</b>	TRBS	40
27,000	52,000	45,000 / 50,000	<b>F 15151</b>	TRBDR	52
27,000	53,000	43,000	<b>F 15128</b>	TRBDR	52
27,000	66,000	6,700	<b>F 15312</b>	TRBF	42
27,000	134,000	67,600 / 50,000	<b>F 16094</b>	BBDRACS	88
28,000	52,000	15,750	<b>F 15056</b>	TRBS	34
28,000	52,000	16,000	<b>320/28 XF</b>	TRBM	9
28,000	55,000	13,750	<b>F 15338</b>	TRBS	40
28,000	57,150	17,462	<b>J 15585/15520</b>	TRBI	22
28,000	61,000	42,000	<b>F 16077</b>	BBDRACS	86
28,000	66,000	18,000	<b>F 18021</b>	BBS	74
28,000	67,000	20,500	<b>F 15023</b>	TRBS	32
28,000	68,000	18,000	<b>63/28</b>	BB	68
28,000	68,000	19,750	<b>303/28 F</b>	TRBM	8
28,000	75,000	21,000	<b>F 18043</b>	BBS	76
28,000	119,000	52,000 / 42,000	<b>F 16095</b>	BBDRACS	88
28,000	120,000	63,500	<b>F 16210</b>	BBDRACS	92
28,000	-	32,000	<b>CONE F 15101</b>	CONE	48
28,313	-	-	<b>5 BC</b>	TRBSt	46
28,500	47,600	32,000	<b>F 19095</b>	CRBS	116
28,575	56,896	19,845	<b>1985/1930</b>	TRBI	17
28,575	57,150	19,845	<b>1985/1922</b>	TRBI	17
28,575	57,150	19,845	<b>1988/1922</b>	TRBI	17
28,575	58,738	19,050	<b>1985/1932</b>	TRBI	17
28,575	60,325	19,845	<b>1985/1931</b>	TRBI	17
28,575	60,325	19,845	<b>1988/1931</b>	TRBI	17
28,575	62,000	19,050	<b>15112/15245</b>	TRBI	22
28,575	63,500	20,638	<b>15112/15250</b>	TRBI	22
28,575	63,500	20,638	<b>15112/15250 X</b>	TRBI	22
28,575	64,292	21,433	<b>M 86647/ M 86610</b>	TRBI	27


# 11.2\ Fersa dimensional list


## Lista dimensional Fersa

d	D	T	FERSA		PAG.
28,575	66,421	23,812	<b>2689/2631</b>	TRBI	18
28,575	68,262	22,225	<b>02474/02420</b>	TRBI	20
28,575	71,438	20,638	<b>RMS 9</b>	BB	73
28,575	72,626	24,608	<b>41125/41286</b>	TRBI	25
28,575	73,025	22,225	<b>02872/02820</b>	TRBI	20
28,829	55,562	15,875	<b>T 113</b>	TRBT	58
29,000	50,292	14,224	<b>F 15029</b>	TRBS	32
29,000	50,292	14,224	<b>L 45449/ L 45410</b>	TRBI	26
29,000	53,000	37,000	<b>F 15067</b>	TRBDR	52
29,987	62,000	19,050	<b>15117/15245</b>	TRBI	22
30,000	52,000	22,000	<b>F 16097</b>	AIR	98
30,000	55,000	13,000	<b>6006</b>	BB	63
30,000	55,000	17,000	<b>32006 XF</b>	TRBM	9
30,000	55,000	20,000	<b>33006 F</b>	TRBM	12
30,000	55,000	23,000	<b>F 16098</b>	AIR	98
30,000	59,000	7,000	<b>F 15311</b>	TRBF	42
30,000	59,000	13,000 / 15,000	<b>F 19024</b>	CRBS	112
30,000	60,030	37,000	<b>F 16001</b>	BBDRACS	80
30,000	61,935	19,050	<b>F 19031</b>	CRBS	114
30,000	61,935	23,813	<b>F 19045</b>	CRBS	114
30,000	62,000	16,000	<b>6206</b>	BB	65
30,000	62,000	16,000	<b>N 206 FM</b>	CRB	108
30,000	62,000	16,000	<b>NU 206 FM</b>	CRB	108
30,000	62,000	16,000	<b>NUP 206 FM</b>	CRB	109
30,000	62,000	17,250	<b>30206 F</b>	TRBM	8
30,000	62,000	18,000	<b>32007 X 30/32007 XF</b>	TRBM	10
30,000	62,000	20,000	<b>62206</b>	BB	67
30,000	62,000	20,000	<b>F 15309</b>	TRBS	38
30,000	62,000	20,000	<b>F 19025</b>	CRBS	112
30,000	62,000	21,250	<b>32206 F</b>	TRBM	10
30,000	62,000	23,800	<b>3206 B 2RS/C3</b>	BBDRAC	94
30,000	62,000	24,000	<b>F 19096</b>	CRBS	116
30,000	62,000	25,000	<b>33206 F</b>	TRBM	13
30,000	62,000	27,000	<b>F 16104</b>	AIR	98
30,000	65,000	21,000	<b>F 18011</b>	BBS	74
30,000	69,012	19,845	<b>14118/14274</b>	TRBI	21
30,000	72,000	19,000	<b>6306</b>	BB	69
30,000	72,000	19,000	<b>F 19091</b>	CRBS	116
30,000	72,000	19,000	<b>NJ 306 FM</b>	CRB	108
30,000	72,000	20,750	<b>30306 F</b>	TRBM	8
30,000	72,000	20,750	<b>31306 F</b>	TRBM	9
30,000	72,000	20,750	<b>F 15002</b>	TRBS	32
30,000	72,000	24,000	<b>F 15203</b>	TRBS	36
30,000	72,000	27,000	<b>62306</b>	BB	67
30,000	72,000	27,000	<b>NU 2306 F</b>	CRB	109
30,000	72,000	27,000	<b>NU 2306 F/C3</b>	CRB	109
30,000	72,000	27,000	<b>NU 2306 FM/C3</b>	CRB	109
30,000	72,000	28,750	<b>32306 BF</b>	TRBM	11
30,000	72,000	28,750	<b>32306 C</b>	TRBM	11
30,000	72,000	28,750	<b>32306 F</b>	TRBM	11
30,000	72,000	29,370	<b>JHM 88540/ JHM 88513</b>	TRBI	28
30,000	72,085	22,385	<b>14118/14283</b>	TRBI	21
30,000	75,000	21,000	<b>F 18047</b>	BBS	76
30,000	80,000	21,000	<b>F 19078</b>	CRBS	116
30,000	80,000	21,000	<b>F 19083</b>	CRBS	116

d	D	T	FERSA		PAG.
30,000	90,000	23,000	<b>6406</b>	BB	71
30,000	90,000	23,000	<b>NJ 406 FM/C3</b>	CRB	108
30,000	117,000	61,300 / 37,000	<b>F 16010</b>	BBDRACS	80
30,000	120,000	63,500	<b>F 16209</b>	BBDRACS	92
30,000	-	23,000	<b>F 19075</b>	CRBS	116
30,000	-	26,000	<b>F 19019</b>	CRBS	112
30,020	37,000	16,000	<b>HK 3016 A</b>	NRBHK	120
30,162	64,292	21,433	<b>M 86649/ M 86610</b>	TRBI	28
30,162	68,262	8,730	<b>M 88043/ M 88010 B</b>	TRBF	42
30,162	68,262	22,225	<b>M 88043/ M 88010</b>	TRBI	28
30,162	68,262	22,225	<b>M 88043/M 88011</b>	TRBI	28
30,162	68,263	22,225	<b>F 15079</b>	TRBS	34
30,213	62,000	19,050	<b>15118/15245</b>	TRBI	22
30,213	63,500	20,638	<b>15118/15250</b>	TRBI	22
30,213	63,500	20,638	<b>15118/15250 X</b>	TRBI	22
30,213	63,500	20,638	<b>15120/15250 X</b>	TRBI	22
30,226	69,012	19,845	<b>14116/14276</b>	TRBI	21
30,416	55,562	15,875	<b>T 119</b>	TRBT	58
30,955	64,292	21,432	<b>M 86648 A/ M 86610</b>	TRBI	27
31,750	58,877	6,833	<b>LM 67048/ LM 67010 BA</b>	TRBF	42
31,750	58,877	15,875	<b>LM 67048/ LM 67010 BA</b>	TRBF	42
31,750	59,131	6,375	<b>LM 67048/ LM 67010 BCE</b>	TRBF	42
31,750	59,131	15,875	<b>LM 67048 RS/ LM 67010</b>	TRBI	27
31,750	59,131	15,875	<b>LM 67048/ LM 67010</b>	TRBI	27
31,750	59,131	15,875	<b>LM 67049 A/ LM 67010</b>	TRBI	27
31,750	59,131	15,875	<b>LM 67049 AX/ LM 67010 X</b>	TRBI	27
31,750	59,131	17,780	<b>LM 67049/ LM 67011</b>	TRBI	27
31,750	61,986	15,875	<b>LM 67048/ LM 67014</b>	TRBI	27
31,750	61,986	15,875	<b>LM 67048/ LM 67014 X</b>	TRBI	27
31,750	61,986	15,875	<b>LM 67049 A/ LM 67014</b>	TRBI	27
31,750	62,000	7,938	<b>F 15198</b>	TRBF	42
31,750	62,000	18,161	<b>15123/15245</b>	TRBI	22
31,750	62,000	19,050	<b>15125/15245</b>	TRBI	22
31,750	62,000	19,050	<b>15126/15245</b>	TRBI	22
31,750	62,000	19,749	<b>15123/15244</b>	TRBI	22
31,750	63,500	19,749	<b>15123/15250 X</b>	TRBI	22
31,750	63,500	20,638	<b>15126/15250</b>	TRBI	22
31,750	63,500	20,638	<b>15126/15250 X</b>	TRBI	22
31,750	66,421	25,400	<b>2580/2520</b>	TRBI	18
31,750	68,262	22,225	<b>02475/02420</b>	TRBI	20
31,750	68,262	22,225	<b>M 88046/ M 88010</b>	TRBI	28
31,750	69,012	19,845	<b>14125 A/14274</b>	TRBI	21
31,750	69,012	19,845	<b>14125 A/14276</b>	TRBI	21





d	D	T	FERSA		PAG.
31,750	69,012	26,983	<b>14123 AA/14274</b>	TRBI	21
31,750	69,012	26,983	<b>14123 AA/14276</b>	TRBI	21
31,750	69,850	23,812	<b>2580/2523</b>	TRBI	17
31,750	72,085	22,385	<b>14125 A/14283</b>	TRBI	21
31,750	73,025	29,370	<b>HM 88542/ HM 88510</b>	TRBI	28
32,000	40,000	49,200	<b>F 17078 K</b>	NRBS	126
32,000	53,000	14,500	<b>JL 26749 F/ JL 26710</b>	TRBI	23
32,000	55,000	13,000	<b>6006/32</b>	BB	63
32,000	58,000	17,000	<b>320/32 XF</b>	TRBM	9
32,000	58,000	17,000	<b>320/32 XR</b>	TRBM	9
32,000	65,000	26,000	<b>332/32 F</b>	TRBM	13
32,000	75,000	20,000	<b>63/32</b>	BB	68
32,000	80,000	23,000	<b>F 18048</b>	BBS	76
32,000	-	29,500	<b>CONE F 15110</b>	CONE	48
32,000	-	33,000	<b>CONE F 15213</b>	CONE	48
32,004	55,562	15,875	<b>T 126</b>	TRBT	58
33,000	72,000	17,000	<b>6207/33</b>	BB	66
33,297	-	-	<b>11 BC</b>	TRBSt	46
33,338	66,675	20,638	<b>1680/1620</b>	TRBI	17
33,338	68,262	22,225	<b>M 88048/ M 88010</b>	TRBI	27
33,338	68,262	22,225	<b>M 88048/ M 88011</b>	TRBI	27
33,338	69,012	19,845	<b>14130/14274</b>	TRBI	21
33,338	69,012	19,845	<b>14130/14276</b>	TRBI	21
33,338	69,012	19,845	<b>14131/14274</b>	TRBI	21
33,338	69,012	19,845	<b>14131/14276</b>	TRBI	21
33,338	69,850	23,812	<b>2585/2523</b>	TRBI	18
33,338	73,025	29,370	<b>HM 88547/ HM 88510</b>	TRBI	28
33,338	76,200	29,370	<b>HM 89443/ HM 89410</b>	TRBI	28
33,338	79,375	29,370	<b>3477/3420</b>	TRBI	18
34,000	62,000	18,000	<b>32007 X 34/32007 XF</b>	TRBM	10
34,000	62,000	37,000	<b>F 16018</b>	BBDRACS	80
34,000	64,000	37,000	<b>F 16019</b>	BBDRACS	80
34,000	66,000	37,000	<b>F 16020</b>	BBDRACS	80
34,000	67,000	37,000	<b>F 16083</b>	BBDRACS	88
34,925	65,088	18,034	<b>LM 48548 RS/ LM 48510</b>	TRBI	26
34,925	65,088	18,034	<b>LM 48548/ LM 48510</b>	TRBI	26
34,925	68,262	18,034	<b>LM 48548/ LM 48514 XP</b>	TRBI	26
34,925	68,262	20,638	<b>14585/14525</b>	TRBI	21
34,925	69,012	19,845	<b>14137 A/14274</b>	TRBI	21
34,925	69,012	19,845	<b>14137 A/14276</b>	TRBI	21
34,925	69,012	19,845	<b>14137 AS/14276</b>	TRBI	21
34,925	69,012	19,845	<b>14138 A/14274</b>	TRBI	21
34,925	69,012	19,845	<b>14138 A/14276</b>	TRBI	21
34,925	69,012	26,983	<b>14136 A/14276</b>	TRBI	21
34,925	72,085	22,385	<b>14138 A/14283</b>	TRBI	21
34,925	72,233	25,400	<b>HM 88649/ HM 88610</b>	TRBI	28
34,925	73,025	23,812	<b>25877/25820</b>	TRBI	23
34,925	73,025	23,812	<b>25877/25821</b>	TRBI	23
34,925	73,025	23,812	<b>25878/25820</b>	TRBI	23


d	D	T	FERSA		PAG.
34,925	73,025	23,812	<b>2796/2735 X</b>	TRBI	18
34,925	73,025	26,988	<b>23690/23620</b>	TRBI	22
34,925	73,025	26,988	<b>F 15080</b>	TRBS	34
34,925	76,200	23,813	<b>2793/2720</b>	TRBI	18
34,925	76,200	29,370	<b>31593/31520</b>	TRBI	24
34,925	76,200	29,370	<b>31594/31520</b>	TRBI	24
34,925	76,200	29,370	<b>HM 89446/ HM 89410</b>	TRBI	28
34,925	79,375	29,370	<b>3478/3420</b>	TRBI	18
34,925	80,035	21,433	<b>28137/28317</b>	TRBI	24
34,987	59,131	15,875	<b>L 68149 R/ L 68110</b>	TRBI	27
34,987	59,131	15,875	<b>L 68149/ L 68110</b>	TRBI	27
34,987	59,975	15,875	<b>L 68149/L 68111</b>	TRBI	27
34,987	61,975	16,700	<b>LM 78349/ LM 78310 A</b>	TRBI	27
34,987	64,975	18,100	<b>U 298/U 261 L</b>	U Series	44
34,987	65,088	15,875	<b>L 68149/ L 68116</b>	TRBI	27
34,993	80,000	23,000	<b>F 19043</b>	CRBS	114
35,000	50,000	20,000	<b>F 16099</b>	AIR	98
35,000	52,000	22,000	<b>F 16101</b>	AIR	98
35,000	55,000	20,000	<b>F 16100</b>	AIR	98
35,000	60,000	13,000	<b>F 15040</b>	TRBS	32
35,000	60,000	15,875	<b>F 15036</b>	TRBS	32
35,000	60,000	15,875	<b>JL 68145/ JL 68111 Z</b>	TRBI	27
35,000	62,000	14,000	<b>6007</b>	BB	63
35,000	62,000	18,000	<b>32007 XF</b>	TRBM	10
35,000	62,000	18,000	<b>32007 XR</b>	TRBM	10
35,000	62,000	21,000	<b>33007 F</b>	TRBM	12
35,000	62,000	16,700 / 19,000	<b>F 19066</b>	CRBS	114
35,000	64,000	37,000	<b>F 16200</b>	BBDRACS	92
35,000	65,000	35,000	<b>F 15044</b>	TRBDR	52
35,000	65,000	35,000	<b>F 16021</b>	BBDRACS	80
35,000	66,000	32,000	<b>F 16022</b>	BBDRACS	80
35,000	66,000	33,000	<b>F 16093</b>	BBDRACS	88
35,000	66,000	37,000	<b>F 16023</b>	BBDRACS	80
35,000	67,000	21,000 / 22,500	<b>F 18025</b>	BBS	74
35,000	68,000	37,000	<b>F 16002</b>	BBDRACS	80
35,000	68,000	48,000	<b>F 15173</b>	TRBDR	54
35,000	72,000	17,000	<b>6207</b>	BB	66
35,000	72,000	18,250	<b>30207 F</b>	TRBM	8
35,000	72,000	20,600	<b>F 19035</b>	CRBS	114
35,000	72,000	23,000	<b>62207</b>	BB	67
35,000	72,000	23,000	<b>NU 2207 FM</b>	CRB	109
35,000	72,000	24,000	<b>F 15197</b>	TRBS	36
35,000	72,000	24,250	<b>32207 F</b>	TRBM	10
35,000	72,000	26,988	<b>F 19086</b>	CRBS	116
35,000	72,000	27,000	<b>3207 B 2RS/C3</b>	BBDRAC	94
35,000	72,000	28,000	<b>33207 F</b>	TRBM	13
35,000	72,000	33,000	<b>F 16026</b>	BBDRACS	80
35,000	72,000	33,000	<b>F 16204</b>	BBDRACS	92
35,000	72,000	34,000	<b>F 16201</b>	BBDRACS	92
35,000	72,040	33,000	<b>F 16027</b>	BBDRACS	80
35,000	75,000	20,000	<b>F 18023</b>	BBS	74
35,000	75,000	60,000	<b>F 15317</b>	TRBS	38


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## Lista dimensional Fersa

d	D	T	FERSA		PAG.
35,000	80,000	18,250	<b>30207/80 F</b>	TRBM	8
35,000	80,000	21,000	<b>6307</b>	BB	69
35,000	80,000	21,000	<b>F 19077</b>	CRBS	116
35,000	80,000	21,000	<b>F 19100</b>	CRBS	116
35,000	80,000	21,000	<b>N 307 FM</b>	CRB	108
35,000	80,000	21,000	<b>NJ 307 F</b>	CRB	108
35,000	80,000	21,000	<b>NU 307 F</b>	CRB	108
35,000	80,000	21,000	<b>NUP 307 FP/C3</b>	CRB	109
35,000	80,000	22,000	<b>F 19020</b>	CRBS	112
35,000	80,000	22,750	<b>30307 F</b>	TRBM	8
35,000	80,000	22,750	<b>31307 F</b>	TRBM	9
35,000	80,000	22,750	<b>F 15014</b>	TRBS	32
35,000	80,000	23,000	<b>6307</b>	BB	69
35,000	80,000	23,000	<b>F 19012</b>	CRBS	112
35,000	80,000	26,000	<b>F 19099</b>	CRBS	116
35,000	80,000	31,000	<b>NU 2307 F</b>	CRB	109
35,000	80,000	31,000	<b>NU 2307 F/C3</b>	CRB	109
35,000	80,000	31,000	<b>NU 2307 FM/C3</b>	CRB	109
35,000	80,000	32,750	<b>32307 F</b>	TRBM	11
35,000	80,000	34,900	<b>3307 B 2RS/C3</b>	BBDRAC	94
35,000	89,000	38,000	<b>F 15202</b>	TRBS	36
35,000	90,000	23,000	<b>F 19084</b>	CRBS	116
35,000	100,000	25,000	<b>6407</b>	BB	71
35,000	-	25,000	<b>F 19037</b>	CRBS	114
35,179	58,738	15,875	<b>T 139</b>	TRBT	58
35,179	66,675	19,446	<b>T 138</b>	TRBT	58
35,717	72,233	25,400	<b>HM 88648/ HM 88610</b>	TRBI	28
36,000	66,000	35,000	<b>F 16211</b>	BBDRACS	92
36,000	68,000	33,000	<b>F 16115</b>	BBDRACS	90
36,000	-	20,000	<b>F 19048</b>	CRBS	114
36,487	68,000	15,000	<b>F 18038</b>	BBS	74
36,487	73,025	23,812	<b>25880/25820</b>	TRBI	23
36,487	73,025	23,812	<b>25880/25821</b>	TRBI	23
36,487	76,200	23,812	<b>2780/2720</b>	TRBI	18
36,487	76,200	23,812	<b>2780/2729</b>	TRBI	18
36,512	76,200	29,370	<b>HM 89448/ HM 89410</b>	TRBI	28
36,512	76,200	29,370	<b>HM 89449/ HM 89410</b>	TRBI	28
36,512	85,725	30,162	<b>3878/3820</b>	TRBI	19
36,513	68,000	15,000	<b>F 18039</b>	BBS	74
36,754	66,675	19,446	<b>T 144</b>	TRBT	58
37,000	57,000	31,000	<b>F 19090</b>	CRBS	116
37,000	72,000	18,250	<b>30207/37 F</b>	TRBM	8
37,000	72,000	33,000	<b>F 16029</b>	BBDRACS	80
37,000	72,000	37,000	<b>F 16030</b>	BBDRACS	82
37,000	72,040	37,000	<b>F 16031</b>	BBDRACS	82
37,000	74,000	45,000	<b>F 16032</b>	BBDRACS	82
37,000	139,000	64,000 / 45,000	<b>F 16033</b>	BBDRACS	82
37,990	74,020	33,000 / 36,000	<b>F 16034</b>	BBDRACS	82
38,000	46,000	32,000	<b>F 17105 K</b>	NRBS	128
38,000	63,000	17,000	<b>JL 69345/ JL 69310</b>	TRBI	27
38,000	63,000	17,000	<b>JL 69345/ JL 69310 Z</b>	TRBI	27
38,000	63,000	17,000	<b>JL 69349/ JL 69310</b>	TRBI	27


d	D	T	FERSA		PAG.
38,000	71,020	33,000 / 33,000	<b>F 16120</b>	BBDRACS	90
38,000	72,000	40,000	<b>F 16124</b>	BBDRACS	90
38,000	72,020	33,000 / 36,000	<b>F 16068</b>	BBDRACS	86
38,000	73,000	40,000	<b>F 16117</b>	BBDRACS	90
38,000	74,000	50,000	<b>F 16058</b>	BBDRACS	86
38,000	83,000	25,400	<b>F 19067</b>	CRBS	114
38,000	90,000	35,250	<b>323/38 F</b>	TRBM	11
38,000	90,000	23,000 / 22,000	<b>F 19014</b>	CRBS	112
38,000	94,000	33,000 / 31,500	<b>F 19076</b>	CRBS	116
38,090	67,300 / 72,500	18,200	<b>F 15091</b>	BBT	102
38,100	65,088	12,700	<b>13889/13836</b>	TRBI	21
38,100	65,088	18,034	<b>F 15055/ LM 29710</b>	TRBS	34
38,100	65,088	18,034	<b>LM 29748/ LM 29710</b>	TRBI	24
38,100	65,088	18,034	<b>LM 29748/ LM 29711</b>	TRBI	24
38,100	65,088	18,034	<b>LM 29749/ LM 29710</b>	TRBI	24
38,100	65,088	19,812	<b>LM 29749/ LM 29711</b>	TRBI	24
38,100	68,262	15,875	<b>19150/19268</b>	TRBI	22
38,100	69,010	26,190	<b>13686/13621</b>	TRBI	21
38,100	69,012	19,050	<b>13685/13621</b>	TRBI	21
38,100	69,012	19,050	<b>13687/13620</b>	TRBI	21
38,100	69,012	19,050	<b>13687/13621</b>	TRBI	21
38,100	69,012	26,195	<b>13686/13620</b>	TRBI	21
38,100	70,000	37,000	<b>F 16057</b>	BBDRACS	86
38,100	72,238	20,638	<b>16150/16284</b>	TRBI	22
38,100	76,200	23,812	<b>2788/2720</b>	TRBI	18
38,100	76,200	23,812	<b>2788/2729</b>	TRBI	18
38,100	76,200	25,400	<b>26878/26823</b>	TRBI	23
38,100	79,375	29,370	<b>3490/3420</b>	TRBI	18
38,100	80,167	29,370	<b>3381/3320</b>	TRBI	18
38,100	82,550	29,370	<b>HM 801346 X/ HM 801310</b>	TRBI	30
38,100	82,550	29,370	<b>HM 801346/ HM 801310</b>	TRBI	30
38,100	88,500	26,988	<b>418/414</b>	TRBI	15
38,100	90,000	35,250	<b>F 15157</b>	TRBS	34
38,100	-	29,771	<b>CONE F 15131</b>	CONE	48
38,303	65,883	19,431	<b>T 149</b>	TRBT	58
38,354	72,619	20,638	<b>T 152</b>	TRBT	58
38,354	72,619	21,433	<b>T 151</b>	TRBT	58
39,000 / 41,000	75,000	37,000	<b>F 16038</b>	BBDRACS	82
39,000	68,000	37,000	<b>F 15045</b>	TRBDR	52
39,000	68,000	37,000	<b>F 16035</b>	BBDRACS	82
39,000	72,000	37,000	<b>F 16036</b>	BBDRACS	82
39,000	72,000	37,000	<b>F 16110</b>	BBDRACS	90
39,000	74,000	39,000	<b>F 16037</b>	BBDRACS	82
39,100	74,000	34,000	<b>F 16205</b>	BBDRACS	92
39,688	73,025	19,395	<b>U 399/U 360 L</b>	U Series	44
39,688	76,200	23,812	<b>2789/2720</b>	TRBI	18
39,688	76,200	23,812	<b>2789/2729</b>	TRBI	18


d	D	T	FERSA		PAG.
39,688	79,967	19,395	<b>U 399/U 365 L</b>	U Series	44
39,688	79,975	29,370	<b>3386/3325</b>	TRBI	18
39,688	80,167	29,370	<b>3382/3320</b>	TRBI	18
39,688	80,167	29,370	<b>3386/3320</b>	TRBI	18
39,688	80,167	29,370	<b>F 15109</b>	TRBS	34
39,688	90,488	39,688	<b>4367 X/4335</b>	TRBI	19
39,688	-	40,386	<b>CONE 4367 X</b>	CONE	48
39,688	-	40,386	<b>CONE F 15249</b>	CONE	48
39,688	-	43,050	<b>CONE F 15292</b>	CONE	48
39,980	108,000	17,000 / 32,000	<b>F 16044</b>	BBDRACS	84
39,987	90,975	32,000	<b>HM 204043/ HM 204010</b>	TRBI	28
40,000	-	35,000	<b>CONE F 15356</b>	CONE	48
40,000	47,000	30,000	<b>HK 404730</b>	NRBHK	120
40,000	57,000	24,000	<b>F 16189</b>	AIR	98
40,000	60,000	3,000	<b>AXK 4060</b>	NRBAXK	122
40,000	60,000	26,000	<b>F 17060 K</b>	NRBS	126
40,000	62,000	20,625	<b>F 16103</b>	AIR	98
40,000	62,000	24,000	<b>F 16102</b>	AIR	98
40,000	62,000	20,600 / 24,000	<b>F 16190</b>	AIR	98
40,000	68,000	15,000	<b>6008</b>	BB	63
40,000	68,000	15,000	<b>NU 1008 FM</b>	CRB	109
40,000	68,000	19,000	<b>32008 XF</b>	TRBM	10
40,000	68,000	22,000	<b>33008 F</b>	TRBM	12
40,000	72,000	37,000	<b>F 16039</b>	BBDRACS	84
40,000	73,000	55,000	<b>F 15187</b>	TRBDR	54
40,000	73,025	30,162	<b>3879/3820</b>	TRBI	19
40,000	74,000	36,000	<b>F 16080</b>	BBDRACS	86
40,000	74,000	40,000	<b>F 16040</b>	BBDRACS	84
40,000	74,000	40,000	<b>F 16089</b>	BBDRACS	88
40,000	74,000	42,000	<b>F 16079</b>	BBDRACS	86
40,000	74,000	34,000 / 36,000	<b>F 16091</b>	BBDRACS	88
40,000	75,000	8,000	<b>F 15310</b>	TRBF	42
40,000	75,000	26,000	<b>33108 F</b>	TRBM	13
40,000	75,000	37,000	<b>F 16055</b>	BBDRACS	86
40,000	75,000	50,000	<b>F 15129</b>	TRBDR	52
40,000	76,000	33,000	<b>F 16198</b>	BBDRACS	90
40,000	76,040	38,000 / 41,000	<b>F 16041</b>	BBDRACS	84
40,000	80,000	7,750	<b>30208 BF</b>	TRBF	42
40,000	80,000	18,000	<b>6208</b>	BB	66
40,000	80,000	18,000	<b>NU 208 FMN</b>	CRB	108
40,000	80,000	18,000	<b>NU 208 FMN/C3</b>	CRB	108
40,000	80,000	18,000	<b>QJ 208 FM</b>	BB4PAC	96
40,000	80,000	18,000	<b>QJ 208 FM/C3</b>	BB4PAC	96
40,000	80,000	19,750	<b>30208 F</b>	TRBM	8
40,000	80,000	21,000	<b>344/332</b>	TRBI	14
40,000	80,000	23,000	<b>62208</b>	BB	67
40,000	80,000	24,750	<b>32208 F</b>	TRBM	10
40,000	80,000	30,200	<b>3208 B 2RS/C3</b>	BBDRAC	94
40,000	80,000	30,200	<b>F 16042</b>	BBDRACS	84
40,000	80,000	32,000	<b>33208 F</b>	TRBM	13
40,000	80,000	38,000	<b>F 15149</b>	TRBDR	52
40,000	80,000	38,100	<b>F 16043</b>	BBDRACS	84
40,000	80,000	34,000 / 36,000	<b>F 16090</b>	BBDRACS	88
40,000	84,020	38,000	<b>F 16066</b>	BBDRACS	86


d	D	T	FERSA		PAG.
40,000	84,060	39,700 / 38,800	<b>F 16108</b>	BBDRACS	90
40,000	85,000	33,000	<b>JF 4049/JF 4010</b>	TRBI	19
40,000	90,000	10,250	<b>30308/30308 B</b>	TRBF	42
40,000	90,000	23,000	<b>6308</b>	BB	69
40,000	90,000	23,000	<b>F 18051</b>	BBS	76
40,000	90,000	23,000	<b>F 19006</b>	CRBS	112
40,000	90,000	23,000	<b>F 19034</b>	CRBS	114
40,000	90,000	23,000	<b>NJ 308 FM</b>	CRB	108
40,000	90,000	23,000	<b>NU 308 FM</b>	CRB	109
40,000	90,000	23,000	<b>NUP 308 FM</b>	CRB	109
40,000	90,000	23,000	<b>NUP 308 FM/C3</b>	CRB	109
40,000	90,000	23,000	<b>NUP 308 FMNR/ C3</b>	CRB	109
40,000	90,000	23,000	<b>NUP 308 FP</b>	CRB	109
40,000	90,000	25,000	<b>F 19033</b>	CRBS	114
40,000	90,000	25,250	<b>30308 F</b>	TRBM	9
40,000	90,000	25,250	<b>31308 F</b>	TRBM	9
40,000	90,000	28,750	<b>F 15117</b>	TRBS	34
40,000	90,000	35,250	<b>32308 BF</b>	TRBM	11
40,000	90,000	35,250	<b>32308 C</b>	TRBM	11
40,000	90,000	35,250	<b>32308 F</b>	TRBM	11
40,000	90,000	27,000 / 24,900	<b>F 19013</b>	CRBS	112
40,000	94,000	26,000	<b>F 18050</b>	BBS	76
40,000	94,000	30,000	<b>F 19089</b>	CRBS	116
40,000	110,000	27,000	<b>6408</b>	BB	71
40,000	-	29,000	<b>F 19065</b>	CRBS	114
40,000	-	38,000	<b>CONE F 15150 A</b>	CONE	48
40,987	67,975	17,500	<b>F 15003</b>	TRBS	32
40,987	67,975	17,500	<b>LM 300849/ LM 300811</b>	TRBI	29
41,000	68,000	35,000 / 40,000	<b>F 15015</b>	TRBDR	52
41,000	73,000	21,000	<b>F 15340</b>	TRBS	40
41,275	73,025	16,667	<b>18590/18520</b>	TRBI	22
41,275	73,431	19,558	<b>LM 501349/ LM 501310</b>	TRBI	29
41,275	73,431	21,430	<b>LM 501349/ LM 501314</b>	TRBI	29
41,275	76,200	7,292	<b>11163/11300 B</b>	TRBF	42
41,275	76,200	18,009	<b>11162/11300</b>	TRBI	20
41,275	76,200	18,009	<b>11163/11300</b>	TRBI	20
41,275	76,200	22,225	<b>24780/24720</b>	TRBI	23
41,275	76,200	22,225	<b>24781/24720</b>	TRBI	23
41,275	76,200	25,400	<b>24780/24721</b>	TRBI	23
41,275	76,200	25,400	<b>24781/24721</b>	TRBI	23
41,275	79,375	23,812	<b>26882 T/26822</b>	TRBI	23
41,275	79,375	23,812	<b>26882/26822</b>	TRBI	23
41,275	80,000	21,000	<b>336/332</b>	TRBI	14
41,275	80,000	28,574	<b>342 A/332</b>	TRBI	14
41,275	80,167	25,400	<b>26882/26820</b>	TRBI	23
41,275	80,167	29,370	<b>3384/3320</b>	TRBI	18
41,275	82,550	26,543	<b>M 802048/ M 802011</b>	TRBI	30
41,275	84,138	30,162	<b>3577/3520</b>	TRBI	18
41,275	85,725	30,162	<b>3877/3820</b>	TRBI	19
41,275	87,312	30,162	<b>3577/3525</b>	TRBI	18
41,275	87,312	30,162	<b>3585/3525</b>	TRBI	18
41,275	88,500	25,400	<b>44162/44348</b>	TRBI	25
41,275	88,500	26,988	<b>419/414</b>	TRBI	15


# 11.2\ Fersa dimensional list

## Lista dimensional Fersa

d	D	T	FERSA		PAG.
41,275	88,900	30,162	<b>HM 803146/ HM 803110</b>	TRBI	30
41,275	88,900	30,163	<b>HM 803145/ HM 803110</b>	TRBI	30
41,275	90,488	39,688	<b>4388/4335</b>	TRBI	19
41,275	93,662	31,750	<b>49162/49368</b>	TRBI	26
41,275	95,250	30,162	<b>HM 804840/ HM 804810</b>	TRBI	30
41,275	95,250	30,958	<b>HM 903245/ HM 903210</b>	TRBI	31
41,275	104,775	36,512	<b>59162/59412</b>	TRBI	26
41,500	66,000	16,000	<b>F 15004</b>	BBT	102
41,529	72,619	21,433	<b>T 163</b>	TRBT	58
41,530	72,200	21,400	<b>F 15064</b>	BBT	102
42,000	50,000	30,000	<b>F 17093 K</b>	NRBS	126
42,000	50,000	51,000	<b>F 17033 K</b>	NRBS	124
42,000	75,000	37,000	<b>F 16045</b>	BBDRACS	84
42,000	75,000	37,000	<b>F 16046</b>	BBDRACS	84
42,000	76,000	23,812	<b>F 15112</b>	TRBS	34
42,000	76,000	33,000	<b>F 16197</b>	BBDRACS	90
42,000	76,000	39,000	<b>F 16194</b>	BBDRACS	90
42,000	76,000	35,000 / 38,000	<b>F 16081</b>	BBDRACS	86
42,000	76,000	37,000 / 40,000	<b>F 16195</b>	BBDRACS	90
42,000	78,000	45,000	<b>F 16203</b>	BBDRACS	92
42,000	80,000	36,000	<b>F 16207</b>	BBDRACS	92
42,000	80,000	37,000	<b>F 16107</b>	BBDRACS	88
42,000	80,000	38,000	<b>F 15130</b>	TRBDR	52
42,000	80,000	39,000	<b>F 16213</b>	BBDRACS	92
42,000	80,000	45,000	<b>F 16088</b>	BBDRACS	88
42,000	80,030	42,000	<b>F 16074</b>	BBDRACS	86
42,000	82,000	36,000	<b>F 16048</b>	BBDRACS	84
42,000	82,000	40,000	<b>F 15218</b>	TRBDR	54
42,000	84,000	39,000	<b>F 16051</b>	BBDRACS	84
42,000	92,075	24,607	<b>F 15278</b>	TRBS	38
42,000	100,000	15,250	<b>F 15026</b>	TRBF	42
42,070	90,488	39,688	<b>4395/4335</b>	TRBI	19
42,070	-	40,386	<b>CONE 4395</b>	CONE	48
42,862	82,931	23,812	<b>25576/25520</b>	TRBI	23
42,862	82,931	23,812	<b>25578/25520</b>	TRBI	23
42,862	82,931	26,988	<b>25578/25523</b>	TRBI	23
42,862	83,058	23,812	<b>25578/25521</b>	TRBI	23
42,862	83,058	23,876	<b>25578/25522</b>	TRBI	23
42,875	76,200	25,400	<b>26884/26823</b>	TRBI	24
42,875	82,931	23,812	<b>25577/25520</b>	TRBI	23
42,875	82,931	26,988	<b>25577/25523</b>	TRBI	23
42,875	83,058	23,812	<b>25577/25521</b>	TRBI	23
42,875	83,058	23,876	<b>25577/25522</b>	TRBI	23
43,000	76,000	43,000	<b>F 16196</b>	BBDRACS	90
43,000	77,000	41,500 / 45,500	<b>F 15160</b>	TRBDR	54
43,000	78,000	44,000	<b>F 16193</b>	BBDRACS	90
43,000	79,000	38,000 / 41,000	<b>F 16052</b>	BBDRACS	84
43,000	80,000	38,000	<b>F 16086</b>	BBDRACS	88
43,000	82,000	45,000	<b>F 16078</b>	BBDRACS	86
43,000 / 45,000	82,000	37,000	<b>F 16054</b>	BBDRACS	84

d	D	T	FERSA		PAG.
43,000 / 45,000	85,000	37,000	<b>F 16118</b>	BBDRACS	90
43,655	-	-	<b>35 BC</b>	TRBSt	46
44,000	82,500	37,000	<b>F 16056</b>	BBDRACS	86
44,450	82,931	23,812	<b>25580/25520</b>	TRBI	23
44,450	82,931	23,813	<b>25581/25520</b>	TRBI	23
44,450	82,931	26,988	<b>25580/25523</b>	TRBI	23
44,450	83,058	23,812	<b>25580/25521</b>	TRBI	23
44,450	83,058	23,876	<b>25580/25522</b>	TRBI	23
44,450	84,138	30,162	<b>3578/3520</b>	TRBI	18
44,450	85,000	20,638	<b>355 X/354 X</b>	TRBI	14
44,450	85,000	20,638	<b>355/354 X</b>	TRBI	14
44,450	87,312	30,162	<b>3578/3525</b>	TRBI	18
44,450	88,900	30,162	<b>HM 803149/HM 803110</b>	TRBI	30
44,450	90,119	23,000	<b>355 X/352</b>	TRBI	14
44,450	92,075	30,162	<b>HM 803149/ HM 803112</b>	TRBI	30
44,450	93,264	30,162	<b>3782/3720</b>	TRBI	18
44,450	93,662	31,750	<b>49175/49368</b>	TRBI	26
44,450	95,250	27,783	<b>33885/33822</b>	TRBI	25
44,450	95,250	30,162	<b>HM 804843/ HM 804810</b>	TRBI	30
44,450	95,250	30,958	<b>53176/53375</b>	TRBI	26
44,450	95,250	30,958	<b>53177/53375</b>	TRBI	26
44,450	95,250	30,958	<b>53178/53377</b>	TRBI	26
44,450	95,250	30,958	<b>HM 903249/ HM 903210</b>	TRBI	31
44,450	101,600	34,925	<b>527/522</b>	TRBI	16
44,450	104,775	30,162	<b>45280/45220</b>	TRBI	25
44,450	104,775	36,512	<b>59175/59412</b>	TRBI	26
44,450	104,775	36,512	<b>HM 807040/ HM 807010</b>	TRBI	30
44,450	107,950	36,512	<b>535/532 X</b>	TRBI	16
44,450	111,125	30,162	<b>55175 C/55437</b>	TRBI	26
44,983	82,931	23,812	<b>25584/25520</b>	TRBI	23
44,983	83,058	23,813	<b>25584/25521</b>	TRBI	23
44,983	93,264	30,162	<b>3776/3720</b>	TRBI	18
44,983	99,995	25,400	<b>25584/25547 RB</b>	TRBI	23
44,983	101,600	34,925	<b>527 S/522</b>	TRBI	16
44,983	112,712	34,512	<b>F 15280</b>	TRBS	38
44,987	79,975	24,000	<b>U 497/U 460 L</b>	U Series	44
44,987	82,931	23,812	<b>25584 A/25520</b>	TRBI	23
44,987	104,986	32,512	<b>HM 905843/ HM 905810</b>	TRBI	31
44,990	84,070	39,000	<b>F 16084</b>	BBDRACS	88
45,000	53,000	21,000	<b>F 17054 K</b>	NRBS	124
45,000	57,000	21,000	<b>F 17041 K</b>	NRBS	124
45,000	68,000	12,000	<b>61909</b>	BB	64
45,000	73,000	20,000	<b>T 177</b>	TRBT	58
45,000	75,000	16,000	<b>6009</b>	BB	63
45,000	75,000	20,000	<b>32009 XF</b>	TRBM	10
45,000	75,000	20,000	<b>32009 XR</b>	TRBM	10
45,000	75,000	24,000	<b>33009 F</b>	TRBM	12
45,000	80,000	26,000	<b>33109 F</b>	TRBM	13
45,000	80,000	45,000	<b>F 16085</b>	BBDRACS	88
45,000	84,000	39,000	<b>F 16059</b>	BBDRACS	86
45,000	84,000	39,000	<b>F 16082</b>	BBDRACS	88
45,000	85,000	19,000	<b>6209</b>	BB	66


d	D	T	FERSA		PAG.
45,000	85,000	19,000	<b>NU 209 FM</b>	CRB	108
45,000	85,000	19,000	<b>NU 209 FMN</b>	CRB	108
45,000	85,000	19,000	<b>NU 209 FMN/C3</b>	CRB	108
45,000	85,000	19,000	<b>NUP 209 FM</b>	CRB	109
45,000	85,000	19,000	<b>QJ 209 FM</b>	BB4PAC	96
45,000	85,000	19,000	<b>QJ 209 FM/C3</b>	BB4PAC	96
45,000	85,000	20,750	<b>30209 F</b>	TRBM	8
45,000	85,000	23,000	<b>F 18009</b>	BBS	74
45,000	85,000	24,750	<b>32209 F</b>	TRBM	10
45,000	85,000	30,200	<b>F 16063</b>	BBDRACS	86
45,000	85,000	32,000	<b>33209 F</b>	TRBM	13
45,000	86,000	39,000	<b>F 16123</b>	BBDRACS	90
45,000	86,000	39,000	<b>F 16128</b>	BBDRACS	90
45,000	88,000	16,750	<b>F 15314</b>	TRBS	38
45,000	88,020	39,000	<b>F 16121</b>	BBDRACS	90
45,000	90,000	9,000	<b>JHM 803148/ JHM 803113 B</b>	TRBF	42
45,000	90,000	24,750	<b>32210/45 F</b>	TRBM	10
45,000	95,000	29,000	<b>JW 4549/ JW 4510</b>	TRBI	19
45,000	95,000	36,000	<b>JF 4549/JF 4510</b>	TRBI	19
45,000	95,000	28,000 / 32,000	<b>F 19015</b>	CRBS	112
45,000	100,000	25,000	<b>6309</b>	BB	69
45,000	100,000	25,000	<b>F 19002</b>	CRBS	112
45,000	100,000	25,000	<b>F 19003</b>	CRBS	112
45,000	100,000	25,000	<b>F 19044</b>	CRBS	114
45,000	100,000	25,000	<b>F 19085</b>	CRBS	116
45,000	100,000	25,000	<b>NJ 309 FM</b>	CRB	108
45,000	100,000	25,000	<b>NU 309 FM</b>	CRB	109
45,000	100,000	25,000	<b>NU 309 FMN</b>	CRB	109
45,000	100,000	25,000	<b>NU 309 FMNR/ C3</b>	CRB	109
45,000	100,000	25,000	<b>NUP 309 FM</b>	CRB	109
45,000	100,000	25,000	<b>NUP 309 FM/C3</b>	CRB	109
45,000	100,000	25,000	<b>NUP 309 FMN</b>	CRB	109
45,000	100,000	25,000	<b>NUP 309 FN/C3</b>	CRB	110
45,000	100,000	25,000	<b>NUP 309 FP</b>	CRB	110
45,000	100,000	25,000	<b>QJ 309 FM</b>	BB4PAC	96
45,000	100,000	25,000	<b>QJ 309 FM/C3</b>	BB4PAC	96
45,000	100,000	27,250	<b>30309 F</b>	TRBM	9
45,000	100,000	27,250	<b>31309 F</b>	TRBM	9
45,000	100,000	31,000	<b>F 19063</b>	CRBS	114
45,000	100,000	31,000	<b>F 19081</b>	CRBS	116
45,000	100,000	36,000	<b>F 19001</b>	CRBS	112
45,000	100,000	36,000	<b>F 19080</b>	CRBS	116
45,000	100,000	38,250	<b>32309 BF</b>	TRBM	11
45,000	100,000	38,250	<b>32309 F</b>	TRBM	11
45,000	110,000	12,000	<b>F 15161</b>	TRBF	42
45,000	115,000	53,000	<b>F 15154</b>	TRBDR	52
45,000	120,000	29,000	<b>6409</b>	BB	71
45,000	120,000	84,900	<b>F 300006</b>	CWT	138
45,000	-	30,045	<b>CONE F 15132</b>	CONE	48
45,230	79,985	19,842	<b>17887/17831</b>	TRBI	22
45,237	79,975	30,162	<b>3586/3525</b>	TRBI	18
45,242	73,431	19,558	<b>LM 102949/ LM 102910</b>	TRBI	28
45,242	73,431	21,430	<b>LM 102949/ LM 102911</b>	TRBI	28


d	D	T	FERSA		PAG.
45,242	77,788	19,842	<b>LM 603049/ LM 603011</b>	TRBI	29
45,242	77,788	21,430	<b>LM 603049/ LM 603012</b>	TRBI	29
45,242	79,975	19,842	<b>LM 603049/ LM 603014</b>	TRBI	29
45,300	80,000	48,000	<b>F 15174</b>	TRBDR	54
45,618	82,931	23,812	<b>25590/25520</b>	TRBI	23
45,618	82,931	26,988	<b>25590/25523</b>	TRBI	23
45,618	83,058	23,812	<b>25590/25521</b>	TRBI	23
45,618	83,058	23,876	<b>25590/25522</b>	TRBI	23
45,987	74,976	18,000	<b>LM 503349 A/ LM 503310</b>	TRBI	29
45,987	74,976	18,000	<b>LM 503349/ LM 503310</b>	TRBI	29
45,987	-	18,000	<b>CONE LM 503349</b>	CONE	48
46,030	73,660	15,875	<b>F 18012</b>	BBC	104
46,030	73,660	18,000	<b>F 18013</b>	BBC	104
46,038	79,375	17,462	<b>18690/18620</b>	TRBI	22
46,038	85,000	20,638	<b>359 A/354 X</b>	TRBI	14
46,038	85,000	20,638	<b>359 S/354 X</b>	TRBI	14
46,279	82,956	23,812	<b>T 182</b>	TRBT	58
47,000	81,000	53,000	<b>F 16199</b>	BBDRACS	92
47,000	88,000	55,000	<b>F 15268</b>	TRBDR	54
47,625	88,900	20,638	<b>369 A/362 A</b>	TRBI	14
47,625	88,900	20,638	<b>369 S/362 A</b>	TRBI	14
47,625	88,900	25,400	<b>M 804048/ M 804010</b>	TRBI	30
47,625	88,900	25,400	<b>M 804049/ M 804010</b>	TRBI	30
47,625	90,000	20,000	<b>369 A/363</b>	TRBI	14
47,625	90,000	20,000	<b>369 S/362</b>	TRBI	14
47,625	90,000	20,000	<b>369 S/363</b>	TRBI	14
47,625	93,264	30,162	<b>3778/3720</b>	TRBI	18
47,625	93,264	30,162	<b>3779/3720</b>	TRBI	18
47,625	95,250	30,162	<b>HM 804846/ HM 804810</b>	TRBI	30
47,625	96,838	21,000	<b>386 A/382 A</b>	TRBI	14
47,625	101,600	34,925	<b>528/522</b>	TRBI	16
47,625	107,950	36,512	<b>536/532 X</b>	TRBI	16
47,625	111,125	30,162	<b>55187 C/55437</b>	TRBI	26
47,625	123,825	36,512	<b>72187/72487</b>	TRBI	27
47,879	82,956	23,812	<b>T 188</b>	TRBT	58
49,000	84,000	43,000	<b>F 15167</b>	TRBDR	54
49,000	84,000	48,000	<b>F 15068</b>	TRBDR	52
49,000	84,000	48,000	<b>F 15168</b>	TRBDR	54
49,000	88,000	46,000	<b>F 16109</b>	BBDRACS	90
49,000	88,000	48,000	<b>F 16208</b>	BBDRACS	92
49,212	103,188	43,658	<b>5395/5335</b>	TRBI	19
49,212	104,775	36,512	<b>HM 807044/ HM 807010</b>	TRBI	30
49,930	80,000	15,000	<b>F 19030</b>	CRBS	114
49,987	89,980	24,750	<b>28579/28520</b>	TRBI	24
50,000	55,000	20,000	<b>F 17045 K</b>	NRBS	124
50,000	56,010	43,700	<b>F 17079 K</b>	NRBS	126
50,000	80,000	16,000	<b>6010</b>	BB	63
50,000	80,000	20,000	<b>32010 XF</b>	TRBM	10
50,000	80,000	20,000	<b>32010 XR</b>	TRBM	10
50,000	80,000	23,000	<b>63010</b>	BB	70
50,000	80,000	24,000	<b>33010 F</b>	TRBM	12





# 11.2\ Fersa dimensional list

## Lista dimensional Fersa

d	D	T	FERSA		PAG.
50,000	82,000	21,500	JLM 104945/ JLM 104910	TRBI	28
50,000	82,000	21,500	JLM 104946/ JLM 104910	TRBI	28
50,000	82,000	21,500	JLM 104948/ JLM 104910	TRBI	28
50,000	82,550	21,500	JLM 104948/ LM 104911	TRBI	28
50,000	83,000	20,500	F 15201	TRBS	36
50,000	84,000	22,000	JLM 704649/ JLM 704610	TRBI	30
50,000	85,000	26,000	33110 F	TRBM	13
50,000	90,000	8,750	30210 BF	TRBF	42
50,000	90,000	20,000	6210	BB	66
50,000	90,000	20,000	365/362	TRBI	14
50,000	90,000	20,000	F 18032	BBS	74
50,000	90,000	20,000	F 18033	BBS	74
50,000	90,000	20,000	F 18041	BBS	74
50,000	90,000	20,000	NJ 210 FM	CRB	108
50,000	90,000	20,000	NJ 210 FM/C3	CRB	108
50,000	90,000	21,750	30210 F	TRBM	8
50,000	90,000	23,000	F 19026	CRBS	112
50,000	90,000	24,750	32210 F	TRBM	11
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	94
50,000	90,000	32,000	33210 F	TRBM	13
50,000	90,000	40,000	F 16202	BBDRACS	92
50,000	90,000	16,000 / 22,000	F 18049	BBS	76
50,000	93,264	30,162	F 15054/3720	TRBS	32
50,000	100,000	25,000	F 19046	CRBS	114
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	69
50,000	110,000	27,000	NJ 310 FM	CRB	108
50,000	110,000	27,000	NU 310 F	CRB	109
50,000	110,000	27,000	NU 310 FM	CRB	109
50,000	110,000	27,000	NU 310 FM/C3	CRB	109
50,000	110,000	27,000	NU 310 FMN/C3	CRB	109
50,000	110,000	27,000	NUP 310 FM/C3	CRB	110
50,000	110,000	27,000	NUP 310 FNR/C3	CRB	110
50,000	110,000	27,000	NUP 310 FP	CRB	110
50,000	110,000	29,250	30310 F	TRBM	9
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	116
50,000	110,000	32,300 / 27,000	F 19071	CRBS	116
50,000	130,000	31,000	6410	BB	72
50,000	-	41,000	CONE F 15244	CONE	48
50,000	-	41,275	CONE F 15113	CONE	48
50,800	82,000	21,976	LM 104949/ JLM 104910	TRBI	28

d	D	T	FERSA		PAG.
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	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	3780/3727	TRBI	18
50,800	93,662	30,162	3784/3727	TRBI	18
50,800	95,250	27,783	33889/33821	TRBI	25
50,800	95,250	27,783	33889/33822	TRBI	25
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	28580/2857 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	42
50,800	104,775	12,000	HM 807046/ HM 807010 BT	TRBF	42
50,800	104,775	30,162	45284/45220	TRBI	25
50,800	104,775	30,162	45285 A/45220	TRBI	26
50,800	104,775	30,162	45285 A/45221	TRBI	26
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	58
50,800	109,538	22,225	T 200 A	TRBT	58
50,800	110,230	11,907	45285 A/45220 B	TRBF	42
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	17
50,800	123,825	36,512	72200 C/72487	TRBI	27
51,000	91,000	44,000	F 16076	BBDRACS	86
51,054	74,612	15,875	T 199	TRBT	58
51,592	88,900	20,638	368 S/362 A	TRBI	14
51,592	90,000	20,000	368 S/362	TRBI	14
52,000	---	24,000	CONE F 15333	CONE	48
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	25
52,388	111,125	30,162	55206 C/55437	TRBI	26
52,400	83,800 / 89,000	20,300	F 15057	BBT	102
52,400	86,000 / 91,000	20,550	F 15031	BBT	102
53,975	88,900	19,050	LM 806649/LM 806610	TRBI	30


d	D	T	FERSA		PAG.
53,975	95,200	34,400	<b>F 15295</b>	TRBS	38
53,975	95,250	27,783	<b>33895/33821</b>	TRBI	25
53,975	95,250	27,783	<b>33895/33822</b>	TRBI	25
53,975	96,838	21,000	<b>389 A/382 A</b>	TRBI	15
53,975	98,425	21,000	<b>389 AS/382</b>	TRBI	15
53,975	100,000	21,000	<b>389 A/383 A</b>	TRBI	15
53,975	104,775	36,512	<b>HM 807049/ HM 807010</b>	TRBI	31
53,975	107,950	36,512	<b>539/532 X</b>	TRBI	16
53,975	111,125	38,100	<b>539/532 A</b>	TRBI	16
53,975	123,825	36,512	<b>72212 C/72487</b>	TRBI	27
53,975	123,825	36,512	<b>72212/72487</b>	TRBI	27
53,975	127,000	50,800	<b>6280/6220</b>	TRBI	19
53,975	140,030	36,513	<b>78215 C/78551</b>	TRBI	27
54,000	142,000	62,000	<b>F 15146</b>	TRBDR	52
54,000	158,000	51,000	<b>F 15324</b>	TRBDR	54
54,487	104,775	36,512	<b>HM 807048/ HM 807010</b>	TRBI	31
54,988	111,125	38,100	<b>538/532</b>	TRBI	16
55,000	60,000	20,000	<b>F 17046 K</b>	NRBS	124
55,000	80,000	17,000	<b>32911 F</b>	TRBM	12
55,000	90,000	18,000	<b>6011</b>	BB	64
55,000	90,000	18,000	<b>NU 1011 FM</b>	CRB	109
55,000	90,000	23,000	<b>32011 XF</b>	TRBM	10
55,000	90,000	23,000	<b>JLM 506849/JLM 506810</b>	TRBI	29
55,000	90,000	25,000	<b>JLM 506849 A/ JLM 506811</b>	TRBI	29
55,000	90,000	27,000	<b>33011 F</b>	TRBM	12
55,000	90,000	55,000	<b>F 15302</b>	TRBDR	54
55,000	90,000	60,000	<b>F 15121</b>	HWT	132
55,000	91,500	25,000	<b>F 15141</b>	BBC	104
55,000	93,000	40,000 / 51,000	<b>F 15062</b>	TRBDR	52
55,000	93,000	40,000 / 51,200	<b>F 15166</b>	TRBDR	54
55,000	95,000	29,000	<b>JM 207049 A/JM 207010</b>	TRBI	28
55,000	95,000	29,000	<b>JM 207049/JM 207010</b>	TRBI	28
55,000	95,000	30,000	<b>33111 F</b>	TRBM	13
55,000	95,000	30,000	<b>F 15323</b>	TRBS	40
55,000	96,838	21,000	<b>385/382 A</b>	TRBI	14
55,000	98,425	21,000	<b>385/382</b>	TRBI	14
55,000	100,000	21,000	<b>6211</b>	BB	66
55,000	100,000	21,000	<b>F 19101</b>	CRBS	116
55,000	100,000	21,000	<b>N 211 FMNR/C4</b>	CRB	108
55,000	100,000	21,000	<b>NUP 211 FM/C3</b>	CRB	109
55,000	100,000	21,000	<b>QJ 211 FM</b>	BB4PAC	96
55,000	100,000	21,000	<b>QJ 211 FM/C3</b>	BB4PAC	96
55,000	100,000	22,750	<b>30211 F</b>	TRBM	8
55,000	100,000	26,750	<b>32211 F</b>	TRBM	11
55,000	100,000	35,000	<b>33211 F</b>	TRBM	13
55,000	104,000	27,000	<b>F 19097</b>	CRBS	116
55,000	110,000	42,250	<b>32310/55</b>	TRBM	11
55,000	115,000	34,000	<b>JW 5549/ JW 5510</b>	TRBI	19
55,000	116,000	28,000	<b>F 18054</b>	BBS	76
55,000	117,000	38,000	<b>F 15332</b>	TRBS	40
55,000	120,000	29,000	<b>6311</b>	BB	70
55,000	120,000	29,000	<b>F 18042</b>	BBS	74

d	D	T	FERSA		PAG.
55,000	120,000	29,000	<b>F 18056</b>	BBS	76
55,000	120,000	29,000	<b>NUP 311 FMNR/ C3</b>	CRB	110
55,000	120,000	31,500	<b>30311 F</b>	TRBM	9
55,000	120,000	31,500	<b>31311 F</b>	TRBM	9
55,000	120,000	45,500	<b>32311 F</b>	TRBM	11
55,000	140,000	33,000	<b>6411</b>	BB	72
55,000	140,000	45,000	<b>F 15256</b>	TRBS	36
55,000	-	29,800	<b>CONE F 15111</b>	CONE	48
55,000	-	29,800	<b>CONE F 15269</b>	CONE	48
55,560	97,630	24,600	<b>28680/28622</b>	TRBI	24
55,562	122,238	43,658	<b>5566/5535</b>	TRBI	19
55,562	123,825	36,512	<b>72218 C/72487</b>	TRBI	27
55,562	127,000	36,512	<b>HM 813840/ HM813811</b>	TRBI	31
57,000	63,000	37,000	<b>F 17103 K</b>	NRBS	128
57,150	96,838	21,000	<b>387 A/382 A</b>	TRBI	14
57,150	96,838	21,000	<b>387 AS/382 A</b>	TRBI	14
57,150	96,838	21,000	<b>387/382 A</b>	TRBI	14
57,150	96,838	24,608	<b>28682/28621</b>	TRBI	24
57,150	96,838	25,400	<b>387 A/382 S</b>	TRBI	14
57,150	96,838	25,400	<b>387 AS/382 S</b>	TRBI	14
57,150	96,838	25,400	<b>387 S/382 S</b>	TRBI	14
57,150	96,838	25,400	<b>387/382 S</b>	TRBI	14
57,150	97,630	24,608	<b>28682/28622</b>	TRBI	24
57,150	98,425	21,000	<b>387 A/382</b>	TRBI	14
57,150	98,425	21,000	<b>387 S/382</b>	TRBI	14
57,150	98,425	21,000	<b>387/382</b>	TRBI	14
57,150	100,000	21,000	<b>387 A/383 A</b>	TRBI	14
57,150	100,000	21,000	<b>387 S/383 A</b>	TRBI	15
57,150	104,775	30,162	<b>45289/45220</b>	TRBI	26
57,150	104,775	30,162	<b>45291/45220</b>	TRBI	26
57,150	104,775	30,162	<b>462 A/453 X</b>	TRBI	15
57,150	104,775	30,162	<b>462/453 X</b>	TRBI	15
57,150	104,775	30,162	<b>469/453 X</b>	TRBI	15
57,150	107,950	27,783	<b>469/453 A</b>	TRBI	15
57,150	110,000	22,000	<b>390/394 A</b>	TRBI	15
57,150	112,712	30,162	<b>39580/39520</b>	TRBI	25
57,150	112,712	30,162	<b>39581/39520</b>	TRBI	25
57,150	112,712	30,162	<b>3979/3920</b>	TRBI	19
57,150	119,985	32,750	<b>39580/39528</b>	TRBI	25
57,150	123,825	36,512	<b>72225 C/72487</b>	TRBI	27
57,150	123,825	38,100	<b>555 S/552 A</b>	TRBI	16
57,150	140,030	36,513	<b>78225 C/78551</b>	TRBI	27
57,165	140,000	28,250	<b>F 15133</b>	TRBS	34
57,500	90,000	23,000	<b>32011 X 57,5/32011 XF</b>	TRBM	10
57,531	98,425	21,000	<b>388 A/382</b>	TRBI	15
57,800 / 58,000	110,000	115,000	<b>F 200015</b>	KWT	134
59,972	122,238	33,338	<b>66589/66520</b>	TRBI	27
59,987	130,175	34,100	<b>HM 911244/ HM 911210</b>	TRBI	31
59,987	134,983	33,449	<b>HM 911244/ HM 911216</b>	TRBI	31
60,000	68,000	32,000	<b>F 17056 K</b>	NRBS	124
60,000	68,000	39,000	<b>F 17061 K</b>	NRBS	126
60,000	68,000	40,000	<b>F 17090 K</b>	NRBS	126
60,000	68,000	41,700	<b>F 17059 K</b>	NRBS	126
60,000	92,500	23,000	<b>F 15007</b>	TRBS	32
60,000	95,000	18,000	<b>6012</b>	BB	64


# 11.2\ Fersa dimensional list


## Lista dimensional Fersa

d	D	T	FERSA		PAG.
60,000	95,000	23,000	<b>32012 XF</b>	TRBM	10
60,000	95,000	24,000	<b>JLM 508748/ JLM 508710</b>	TRBI	29
60,000	95,000	26,500	<b>F 15329</b>	TRBS	40
60,000	95,000	27,000	<b>33012 F</b>	TRBM	12
60,000	95,000	27,000	<b>F 15088</b>	TRBS	34
60,000	96,500	25,600	<b>F 15140</b>	BBC	104
60,000	96,500	29,600	<b>F 15139</b>	BBC	104
60,000	100,000	30,000	<b>33112 F</b>	TRBM	13
60,000	100,000	30,000	<b>F 15258</b>	TRBS	38
60,000	108,000	75,000	<b>F 15120</b>	HWT	132
60,000	110,000	22,000	<b>6212</b>	BB	66
60,000	110,000	22,000	<b>F 19011</b>	CRBS	112
60,000	110,000	22,000	<b>F 19088</b>	CRBS	116
60,000	110,000	22,000	<b>NUP 212 FM</b>	CRB	109
60,000	110,000	22,000	<b>QJ 212 FM</b>	BB4PAC	96
60,000	110,000	22,000	<b>QJ 212 FM/C3</b>	BB4PAC	96
60,000	110,000	23,750	<b>30212 F</b>	TRBM	8
60,000	110,000	28,000	<b>62212</b>	BB	67
60,000	110,000	28,000	<b>F 19042</b>	CRBS	114
60,000	110,000	28,000	<b>NUP 2212 FM/C3</b>	CRB	110
60,000	110,000	28,000	<b>NUP 2212 FMNR/C3</b>	CRB	110
60,000	110,000	28,000	<b>NUP 2212 FP/C3</b>	CRB	110
60,000	110,000	29,750	<b>32212 F</b>	TRBM	11
60,000	110,000	29,750	<b>F 15347</b>	TRBS	40
60,000	110,000	34,000	<b>F 15334</b>	TRBS	40
60,000	110,000	36,500	<b>3212 B 2RS/C3</b>	BBDRAC	94
60,000	110,000	38,000	<b>33212 F</b>	TRBM	13
60,000	110,000	38,000	<b>F 15348</b>	TRBS	40
60,000	112,000	33,000	<b>F 15005</b>	BBC	104
60,000	115,000	39,000	<b>F 15273</b>	TRBS	38
60,000	115,000	40,000	<b>F 15346</b>	TRBS	40
60,000	115,000	40,000	<b>JF 6049/JF 6010</b>	TRBI	19
60,000	116,000	28,000	<b>F 19047</b>	CRBS	114
60,000	120,000	29,795	<b>476/472</b>	TRBI	15
60,000	125,000	37,000	<b>F 15270</b>	TRBS	38
60,000	125,000	37,000	<b>JW 6049/JW 6010</b>	TRBI	19
60,000	130,000	12,250	<b>F 15192</b>	TRBF	42
60,000	130,000	31,000	<b>6312</b>	BB	70
60,000	130,000	31,000	<b>F 18055</b>	BBS	76
60,000	130,000	31,000	<b>F 19009</b>	CRBS	112
60,000	130,000	31,000	<b>NUP 312 FMNR/ C3</b>	CRB	110
60,000	130,000	33,500	<b>30312 F</b>	TRBM	9
60,000	130,000	33,500	<b>31312 F</b>	TRBM	9
60,000	130,000	33,800	<b>F 15245</b>	TRBS	36
60,000	130,000	35,250	<b>F 15298</b>	TRBS	38
60,000	130,000	39,000	<b>F 15046</b>	TRBS	32
60,000	130,000	48,500	<b>32312 BF</b>	TRBM	11
60,000	130,000	48,500	<b>32312 F</b>	TRBM	11
60,000	135,000	37,000	<b>F 15158</b>	TRBS	34
60,000	150,000	35,000	<b>6412</b>	BB	72
60,000	150,000	51,000	<b>F 15255</b>	TRBS	36
60,000	168,000	100,000	<b>F 300010</b>	CWT	138
60,000	168,000	102,000	<b>F 300007</b>	CWT	138
60,325	100,000	25,400	<b>28985/28921</b>	TRBI	24
60,325	101,600	25,400	<b>28985/28920</b>	TRBI	24

d	D	T	FERSA		PAG.
60,325	112,712	30,162	<b>3980/3920</b>	TRBI	19
60,325	122,238	38,100	<b>HM 212044/ HM 212011</b>	TRBI	28
60,325	127,000	16,670	<b>65237/65500 B</b>	TRBF	42
60,325	127,000	36,512	<b>HM 813841/ HM 813810</b>	TRBI	31
60,325	127,000	36,512	<b>HM 813841/ HM 813811</b>	TRBI	31
60,325	127,000	44,450	<b>65237/65500</b>	TRBI	26
60,325	130,175	36,512	<b>HM 911245/ HM 911210</b>	TRBI	31
60,325	136,525	46,038	<b>H 715332/ H 715311</b>	TRBI	30
61,912	110,000	22,000	<b>392/394 A</b>	TRBI	15
61,912	127,000	36,512	<b>HM 813843/ HM 813810</b>	TRBI	30
61,912	136,525	46,038	<b>H 715334/ H 715311</b>	TRBI	29
61,912	146,050	41,275	<b>H 913842/ H 913810</b>	TRBI	31
61,912	146,050	41,275	<b>H 913843/ H 913810</b>	TRBI	31
62,000	70,000	37,000	<b>F 17052 K</b>	NRBS	124
62,000	70,000	40,000	<b>F 17099 K</b>	NRBS	128
62,000	122,238	43,658	<b>5566/62-5535</b>	TRBI	19
62,000	122,238	43,658	<b>F 15008/F 15009</b>	TRBS	32
62,000	147,000	50,000	<b>F 15184</b>	TRBS	36
62,000	260,000	107,000	<b>F 15321</b>	TRBS	38
63,000	71,000	50,800	<b>F 17089 K</b>	NRBS	126
63,000	-	34,800	<b>F 19016</b>	CRBS	112
63,000	-	37,500	<b>F 19038</b>	CRBS	114
63,485	94,975	17,000	<b>L 910349/L 910310</b>	TRBI	31
63,500	100,000	23,000	<b>F 18040</b>	BBC	104
63,500	102,000	20,570	<b>F 18031</b>	BBC	104
63,500	103,000	21,400	<b>F 15118</b>	BBC	104
63,500	104,775	21,433	<b>39250/39412</b>	TRBI	25
63,500	107,950	25,400	<b>29585/29520</b>	TRBI	24
63,500	107,950	25,400	<b>29586/29520</b>	TRBI	24
63,500	107,950	25,400	<b>29586/29522</b>	TRBI	24
63,500	107,950	25,400	<b>F 15304</b>	TRBS	38
63,500	110,000	22,000	<b>395/394 A</b>	TRBI	15
63,500	110,000	30,162	<b>3982/3927 X</b>	TRBI	19
63,500	112,712	30,162	<b>39585/39520</b>	TRBI	25
63,500	112,712	30,162	<b>3982/3920</b>	TRBI	19
63,500	122,238	38,100	<b>HM 212047/ HM 212011</b>	TRBI	28
63,500	123,825	38,100	<b>559/552 A</b>	TRBI	16
63,500	127,000	36,512	<b>HM 813842/ HM 813810</b>	TRBI	31
63,500	136,525	46,038	<b>H 715336/ H 715311</b>	TRBI	30
63,500	99,900 / 105,000	23,000	<b>F 15058</b>	BBT	102
65,000	70,000	20,000	<b>F 17043 K</b>	NRBS	124
65,000	73,000	33,000	<b>F 17102 K</b>	NRBS	128
65,000	96,500	22,500	<b>F 15209</b>	BBC	104
65,000	100,000	18,000	<b>6013</b>	BB	64
65,000	100,000	23,000	<b>32013 XF</b>	TRBM	10
65,000	100,000	27,000	<b>33013 F</b>	TRBM	12





d	D	T	FERSA		PAG.
65,000	101,700	21,750	<b>F 15211</b>	BBC	104
65,000	105,000	24,000	<b>JLM 710949 C/ JLM 710910</b>	TRBI	29
65,000	110,000	13,000	<b>33113 B</b>	TRBF	42
65,000	110,000	28,000	<b>JM 511945/ JM 511910</b>	TRBI	30
65,000	110,000	28,000	<b>JM 511946/ JM 511910</b>	TRBI	29
65,000	110,000	31,000	<b>JD 6549/ JD 6510</b>	TRBI	19
65,000	110,000	34,000	<b>33113 F</b>	TRBM	13
65,000	112,712	29,020	<b>JM 511945/3920</b>	TRBI	29
65,000	120,000	23,000	<b>6213</b>	BB	67
65,000	120,000	23,000	<b>NUP 213 FPNR/ C3</b>	CRB	109
65,000	120,000	24,750	<b>30213 F</b>	TRBM	8
65,000	120,000	32,750	<b>32213 F</b>	TRBM	11
65,000	120,000	32,750	<b>F 15322</b>	TRBS	40
65,000	120,000	39,000	<b>JH 211749/ JH 211710</b>	TRBI	28
65,000	120,000	41,000	<b>33213 F</b>	TRBM	13
65,000	140,000	33,000	<b>6313</b>	BB	70
65,000	140,000	33,000	<b>F 19064</b>	CRBS	114
65,000	140,000	33,350	<b>F 19010</b>	CRBS	112
65,000	140,000	36,000	<b>30313 F</b>	TRBM	9
65,000	140,000	36,000	<b>31313 F</b>	TRBM	9
65,000	140,000	51,000	<b>32313 BF</b>	TRBM	11
65,000	140,000	51,000	<b>32313 F</b>	TRBM	12
65,000	145,000	36,000	<b>F 15082</b>	TRBS	34
65,000	145,000	39,500	<b>F 15083</b>	TRBS	34
65,000	147,100	13,500	<b>F 15265</b>	TRBF	42
65,000	150,000	38,000	<b>F 15119</b>	TRBS	34
65,000	152,000	48,000	<b>F 15253</b>	TRBS	36
65,000	160,000	37,000	<b>6413</b>	BB	72
65,000	160,000	37,000	<b>F 19105</b>	CRBS	FALTA
65,000	160,000	37,000	<b>F 19106</b>	CRBS	FALTA
65,000	165,000	36,000	<b>F 15183</b>	TRBS	36
65,000	165,000	40,000	<b>F 15159</b>	TRBS	36
65,000	-	31,000	<b>CONE F 15134</b>	CONE	48
65,000	-	34,000	<b>CONE 33113 F</b>	CONE	48
65,000	111,700/ 113,600	22,100	<b>F 15060</b>	BBT	102
65,088	135,755	53,975	<b>6379/6320</b>	TRBI	19
65,088	136,525	46,038	<b>H 715340/ H 715311</b>	TRBI	30
65,987	123,975	41,500	<b>H 212749/ H 212710</b>	TRBI	28
66,675	107,950	25,400	<b>29590/29520</b>	TRBI	24
66,675	107,950	25,400	<b>29590/29522</b>	TRBI	24
66,675	110,000	22,000	<b>395 A/394 A</b>	TRBI	15
66,675	110,000	22,000	<b>395 S/394 A</b>	TRBI	15
66,675	110,000	30,162	<b>3994/3927 X</b>	TRBI	19
66,675	112,712	30,162	<b>39590/39520</b>	TRBI	25
66,675	112,712	30,162	<b>3984/3920</b>	TRBI	19
66,675	112,712	30,162	<b>3984/3925</b>	TRBI	19
66,675	112,712	30,162	<b>3994/3920</b>	TRBI	19
66,675	117,475	30,162	<b>33262/33462</b>	TRBI	24
66,675	117,475	30,163	<b>33262 A/33461</b>	TRBI	24
66,675	122,238	38,100	<b>HM 212049/ HM 212010</b>	TRBI	28

d	D	T	FERSA		PAG.
66,675	122,238	38,100	<b>HM 212049/ HM 212011</b>	TRBI	28
66,675	130,175	41,275	<b>641/633</b>	TRBI	17
66,675	135,755	53,975	<b>6386/6320</b>	TRBI	19
66,675	136,525	41,275	<b>641/632</b>	TRBI	17
66,675	136,525	41,275	<b>H 414242/ H 414210</b>	TRBI	29
66,675	136,525	46,038	<b>H 715341/ H 715311</b>	TRBI	30
67,000	75,000	37,000	<b>F 17057 K</b>	NRBS	126
67,000	75,000	44,000	<b>F 17058 K</b>	NRBS	126
67,000	-	32,000	<b>F 19061</b>	CRBS	114
67,000	-	38,000	<b>F 19062</b>	CRBS	114
68,000 / 68,200	125,000	115,000	<b>F 200013</b>	KWT	132
68,000 / 68,200	127,000/ 132,000	115,000	<b>F 15097</b>	HWT	132
68,000	375,000	205,000	<b>F 400015</b>	PHA	140
68,000	382,000	208,000	<b>F 400016</b>	PHA	140
68,000	384,000	221,000	<b>F 400013</b>	PHA	140
68,000	384,000	221,000	<b>F 400014</b>	PHA	140
68,260	-	44,250	<b>CONE F 15327</b>	CONE	48
68,262	110,000	22,000	<b>399 A/394 A</b>	TRBI	15
68,262	110,000	22,000	<b>399 AS/394 A</b>	TRBI	15
68,262	115,000	30,162	<b>F 10053</b>	TRBS	32
68,262	136,525	41,275	<b>H 414245 X/ H 414210</b>	TRBI	29
68,262	136,525	46,038	<b>H 715343/ H 715311</b>	TRBI	30
68,262	161,925	49,212	<b>9278/9220</b>	TRBI	20
69,800 / 70,000	119,700 / 124,700	110,500	<b>F 200019</b>	KWT	136
69,800 / 70,000	125,000	114,000	<b>F 200016</b>	KWT	134
69,840	112,200 / 113,800	22,100	<b>F 15059</b>	BBT	102
69,850	101,600	19,050	<b>L 713049/ L 713010</b>	TRBI	30
69,850	112,712	25,400	<b>29675/29620</b>	TRBI	24
69,850	117,475	30,162	<b>33275/33462</b>	TRBI	24
69,850	120,000	29,002	<b>482/472 A</b>	TRBI	15
69,850	120,000	29,794	<b>33275/33472</b>	TRBI	24
69,850	120,000	29,795	<b>482/472</b>	TRBI	15
69,850	120,000	32,545	<b>47487/47420</b>	TRBI	26
69,850	120,000	46,751	<b>482 E/472</b>	TRBI	15
69,850	123,825	30,162	<b>482/472 X</b>	TRBI	15
69,850	126,000	63,880	<b>F 15330</b>	TRBDR	40
69,850	127,000	36,512	<b>566/563</b>	TRBI	16
69,850	136,525	41,275	<b>643/632</b>	TRBI	17
69,850	146,050	41,275	<b>H 913849/ H 913810</b>	TRBI	31
69,850	-	51,810	<b>CONE F 15328</b>	CONE	48
70,000	76,000	20,000	<b>F 17044 K</b>	NRBS	124
70,000	78,000	37,000	<b>F 17053 K</b>	NRBS	124
70,000	78,000	43,000	<b>F 17101 K</b>	NRBS	128
70,000	78,000	55,000	<b>F 17082 K</b>	NRBS	FALTA
70,000	110,000	13,000	<b>16014</b>	BB	73
70,000	110,000	20,000	<b>6014</b>	BB	64


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## Lista dimensional Fersa

d	D	T	FERSA		PAG.
70,000	110,000	20,000	<b>NJ 1014</b>	CRB	108
70,000	110,000	25,000	<b>32014 XF</b>	TRBM	10
70,000	110,000	26,000	<b>JLM 813049/ JLM 813010</b>	TRBI	31
70,000	110,000	31,000	<b>33014 F</b>	TRBM	12
70,000	115,000	29,000	<b>JM 612949/ JM 612910</b>	TRBI	29
70,000	120,000	29,002	<b>484/472 A</b>	TRBI	15
70,000	120,000	29,795	<b>484/472</b>	TRBI	15
70,000	120,000	37,000	<b>33114 F</b>	TRBM	13
70,000	120,000	60,000	<b>F 15030</b>	TRBDR	52
70,000	125,000	24,000	<b>6214</b>	BB	67
70,000	125,000	26,250	<b>30214 F</b>	TRBM	8
70,000	125,000	33,250	<b>32214 F</b>	TRBM	11
70,000	125,000	41,000	<b>33214 F</b>	TRBM	13
70,000	130,000	43,000	<b>JF 7049 A/ JF 7010</b>	TRBI	20
70,000	130,000	43,000	<b>JF 7049/JF 7010</b>	TRBI	20
70,000	130,000	57,000	<b>F 15051 C</b>	TRBS	32
70,000	130,000	57,000	<b>F 15051 R</b>	TRBS	32
70,000	140,000	26,000	<b>F 18053</b>	BBS	76
70,000	140,000	39,000	<b>JW 7049/JW 7010</b>	TRBI	20
70,000	150,000	35,000	<b>6314</b>	BB	70
70,000	150,000	35,000	<b>NUP 314 FM/C3</b>	CRB	110
70,000	150,000	35,000	<b>NUP 314 FMNR/ C3</b>	CRB	110
70,000	150,000	38,000	<b>30314 F</b>	TRBM	9
70,000	150,000	38,000	<b>31314 F</b>	TRBM	9
70,000	150,000	39,800	<b>F 15116</b>	TRBS	34
70,000	150,000	41,275	<b>F 15114</b>	TRBS	34
70,000	150,000	54,000	<b>32314 BF</b>	TRBM	12
70,000	150,000	54,000	<b>32314 F</b>	TRBM	12
70,000	150,000	64,000	<b>F 15193</b>	TRBS	36
70,000	150,000	74,000	<b>F 15271</b>	TRBS	38
70,000	165,000	57,000	<b>F 15254</b>	TRBS	36
70,000	180,000	42,000	<b>6414</b>	BB	72
70,000	195,000	110,000	<b>F 300003</b>	CWT	139
70,000	196,000	140,000	<b>F 300005</b>	CWT	139
71,438	117,475	30,162	<b>33281/33462</b>	TRBI	24
71,438	120,000	29,794	<b>33281/33472</b>	TRBI	25
71,438	120,000	32,545	<b>47490/47420</b>	TRBI	26
71,438	127,000	36,512	<b>HM 813849/ HM 813810</b>	TRBI	31
71,438	127,000	36,512	<b>HM 813849/ HM 813811</b>	TRBI	31
71,438	136,525	41,275	<b>644/632</b>	TRBI	17
71,438	136,525	41,275	<b>645/632</b>	TRBI	17
71,438	136,525	46,038	<b>H 715345/ H 715311</b>	TRBI	30
72,000	80,000	29,800	<b>F 17077 K</b>	NRBS	126
72,000	80,000	40,000	<b>F 17076 K</b>	NRBS	126
72,000	130,000	25,000	<b>F 18060</b>	BBS	76
73,025	112,712	25,400	<b>29685/29620</b>	TRBI	24
73,025	117,475	30,162	<b>33287/33462</b>	TRBI	25
73,025	120,000	29,794	<b>33287/33472</b>	TRBI	25
73,025	125,412	25,400	<b>27680/27620</b>	TRBI	24
73,025	127,000	36,512	<b>567 X/563</b>	TRBI	16
73,025	127,000	36,512	<b>567/563</b>	TRBI	16
73,025	139,992	36,512	<b>576/572</b>	TRBI	16


d	D	T	FERSA		PAG.
73,817	112,712	25,400	<b>29688/29620</b>	TRBI	24
73,817	127,000	36,512	<b>568/563</b>	TRBI	16
75,000	83,000	23,000	<b>F 17063 K</b>	NRBS	126
75,000	83,000	33,000	<b>F 17104 K</b>	NRBS	129
75,000	83,000	35,000	<b>F 17062 K</b>	NRBS	126
75,000	83,000	40,000	<b>F 17064 K</b>	NRBS	126
75,000	83,000	40,000	<b>F 17064 K</b>	NRBS	126
75,000	83,000	40,000	<b>F 17085 K</b>	NRBS	FALTA
75,000	83,000	48,000	<b>F 17097 K</b>	NRBS	127
75,000	83,000	55,000	<b>F 17031 K</b>	NRBS	125
75,000	115,000	20,000	<b>6015</b>	BB	64
75,000	115,000	25,000	<b>32015 XF</b>	TRBM	10
75,000	115,000	25,000	<b>JLM 714149/JLM 714110</b>	TRBI	30
75,000	115,000	31,000	<b>33015 F</b>	TRBM	12
75,000	117,000	32,000	<b>F 15070</b>	BBC	104
75,000	120,000	31,000	<b>JM 714249/ JM 714210</b>	TRBI	30
75,000	125,000	37,000	<b>33115 F</b>	TRBM	13
75,000	130,000	25,000	<b>6215</b>	BB	67
75,000	130,000	25,000	<b>NJ 215 F/C3</b>	CRB	108
75,000	130,000	25,000	<b>NJ 215 FP/C3</b>	CRB	108
75,000	130,000	27,250	<b>30215 F</b>	TRBM	8
75,000	130,000	31,000	<b>NU 2215 FM</b>	CRB	109
75,000	130,000	33,250	<b>32215 F</b>	TRBM	11
75,000	130,000	41,000	<b>33215 F</b>	TRBM	13
75,000	130,000	47,250	<b>XUA 32215/ Y32215</b>	TRBM	11
75,000	140,000	34,250	<b>F 15190</b>	TRBS	36
75,000	145,000	51,000	<b>JH 415647/ JH 415610</b>	TRBI	29
75,000	160,000	37,000	<b>6315</b>	BB	70
75,000	160,000	40,000	<b>30315 F</b>	TRBM	9
75,000	160,000	40,000	<b>31315 F</b>	TRBM	9
75,000	160,000	55,000	<b>NJ 2315 FM/C4</b>	CRB	108
75,000	160,000	58,000	<b>32315 F</b>	TRBM	12
75,000	160,000	58,000	<b>F 15071</b>	TRBS	34
75,000	180,000	63,500	<b>F 15048</b>	TRBS	32
75,000	190,000	45,000	<b>6415</b>	BB	72
75,987	131,975	39,000	<b>HM 215249/ HM 215210</b>	TRBI	29
76,200	109,538	19,050	<b>L 814749/L 814710</b>	TRBI	31
76,200	110,000	19,050	<b>L 814749/ F 15010</b>	TRBS	33
76,200	121,442	11,907	<b>34300/34478 B</b>	TRBF	42
76,200	121,442	24,608	<b>34300/34478</b>	TRBI	25
76,200	127,000	26,988	<b>34300/34500</b>	TRBI	25
76,200	127,000	26,988	<b>34301/34500</b>	TRBI	25
76,200	127,000	30,162	<b>42688/42620</b>	TRBI	25
76,200	133,350	30,162	<b>47679/47620</b>	TRBI	26
76,200	133,350	30,162	<b>495 A/492 A</b>	TRBI	15
76,200	136,525	30,162	<b>495 A/493</b>	TRBI	15
76,200	139,700	36,512	<b>575/572 X</b>	TRBI	16
76,200	139,982	35,250	<b>575/572 A</b>	TRBI	16
76,200	139,992	36,512	<b>575/572</b>	TRBI	16
76,200	146,050	41,275	<b>659/653</b>	TRBI	17
76,200	149,220	53,970	<b>6461 A/6420</b>	TRBI	19
76,200	149,225	53,975	<b>6461/6420</b>	TRBI	19
76,200	150,089	44,450	<b>748 S/742</b>	TRBI	17


d	D	T	FERSA		PAG.
76,200	161,925	49,212	<b>9285/9220</b>	TRBI	20
76,200	171,450	49,212	<b>F 15291</b>	TRBS	38
77,000	101,000	29,200	<b>F 19087</b>	CRBS	116
77,000	127,990	30,600	<b>L 29002/L 33492</b>	TRBF	42
77,000	128,064	37,600	<b>L 29002/L 29001</b>	TRBF	42
77,788	121,442	24,608	<b>34306/34478</b>	TRBI	25
78,000	86,000	35,000	<b>F 17032 K</b>	NRBS	124
78,000	86,000	44,000	<b>F 17088 K</b>	NRBS	FALTA
78,000	110,000	8,700	<b>F 15224</b>	BBC	104
78,000	130,000	90,000	<b>F 15125</b>	HWT	132
78,000	130,000	90,500	<b>F 15127</b>	HWT	132
80,000	88,000	35,000	<b>F 17100 K</b>	NRBS	128
80,000	110,000	16,000	<b>F 18052</b>	BBS	76
80,000	125,000	22,000	<b>6016</b>	BB	64
80,000	125,000	29,000	<b>32016 XF</b>	TRBM	10
80,000	125,000	36,000	<b>33016 F</b>	TRBM	12
80,000	130,000	5,500	<b>F 15246</b>	TRBF	42
80,000	130,000	35,000	<b>JM 515649/ JM 515610</b>	TRBI	29
80,000	130,000	37,000	<b>33116 F</b>	TRBM	13
80,000	139,992	14,288	<b>F 15191</b>	TRBF	42
80,000	140,000	26,000	<b>6216</b>	BB	67
80,000	140,000	26,000	<b>F 18059</b>	BBS	76
80,000	140,000	28,250	<b>30216 F</b>	TRBM	8
80,000	140,000	33,000	<b>NU 2216 FM</b>	CRB	109
80,000	140,000	33,500	<b>F 19039</b>	CRBS	114
80,000	140,000	35,250	<b>32216 F</b>	TRBM	11
80,000	140,000	39,250	<b>F 15156</b>	TRBS	34
80,000	140,000	46,000	<b>33216 F</b>	TRBM	13
80,000	140,000	46,000	<b>33216 F 573810</b>	TRBM	13
80,000	150,000	28,000	<b>6217/80</b>	BB	67
80,000	150,000	27,500 / 28,000	<b>F 19008</b>	CRBS	112
80,000	160,000	45,000	<b>JW 8049/ JW 8010</b>	TRBI	20
80,000	165,000	57,000	<b>F 15257</b>	TRBS	38
80,000	170,000	42,500	<b>30316 F</b>	TRBM	9
80,000	170,000	42,500	<b>31316 F</b>	TRBM	9
80,000	170,000	61,500	<b>32316 F</b>	TRBM	12
80,000	200,000	48,000	<b>NJ 416 FM/C3</b>	CRB	108
80,962	136,525	30,162	<b>496/493</b>	TRBI	15
80,962	150,089	44,450	<b>740/742</b>	TRBI	17
81,800	387,500	213,900	<b>F 400023</b>	PHA	142
82,000	90,000	37,000	<b>F 17051 K</b>	NRBS	124
82,000	90,000	50,000	<b>F 17083 K</b>	NRBS	FALTA
82,000	90,000	55,000	<b>F 17087 K</b>	NRBS	FALTA
82,000	90,000	60,000	<b>F 17098 K</b>	NRBS	126
82,000	90,000	68,000	<b>F 17086 K</b>	NRBS	FALTA
82,000	138,000	110,000	<b>F 200029</b>	KWT	136
82,000	138,000	130,000	<b>F 200018</b>	KWT	136
82,000	140,000	36,500	<b>F 15252</b>	TRBS	36
82,000	140,000	110,000	<b>F 15126</b>	HWT	132
82,000	140,000	115,000	<b>F 15100</b>	HWT	132
82,000	140,000	115,000	<b>F 15300</b>	HWT	132
82,000	196,000	113,000	<b>F 300001</b>	CWT	138
82,550	125,412	25,400	<b>27687/27620</b>	TRBI	24
82,550	133,350	30,162	<b>495/492 A</b>	TRBI	15
82,550	133,350	33,338	<b>47686/47620</b>	TRBI	26
82,550	133,350	33,338	<b>495/492</b>	TRBI	15

d	D	T	FERSA		PAG.
82,550	133,350	39,687	<b>HM 516449 A/ HM 516410</b>	TRBI	29
82,550	133,350	39,688	<b>HM 516449 C/ HM 516410</b>	TRBI	29
82,550	136,525	30,162	<b>495/493</b>	TRBI	15
82,550	139,700	36,512	<b>580/572 X</b>	TRBI	16
82,550	139,982	35,250	<b>580/572 A</b>	TRBI	16
82,550	139,992	36,512	<b>580/572</b>	TRBI	16
82,550	139,992	36,513	<b>582/572</b>	TRBI	16
82,550	146,050	41,275	<b>663/653</b>	TRBI	17
82,550	150,089	44,450	<b>749 A/742</b>	TRBI	17
82,550	152,400	41,275	<b>663/652</b>	TRBI	17
83,345	125,412	25,400	<b>27690/27620</b>	TRBI	24
84,000	90,000	39,500	<b>F 17096 K</b>	NRBS	126
84,138	133,350	30,162	<b>498/492 A</b>	TRBI	15
84,138	136,525	30,162	<b>498/493</b>	TRBI	15
84,970	125,410	25,400	<b>27695/27620</b>	TRBI	24
84,980	150,000	27,500 / 28,000	<b>F 19022</b>	CRBS	112
85,000	93,000	53,000	<b>F 17035 K</b>	NRBS	124
85,000	93,000	63,000	<b>F 17091 K</b>	NRBS	126
85,000	130,000	29,000	<b>32017 XF</b>	TRBM	10
85,000	130,000	30,000	<b>JM 716649/ JM 716610</b>	TRBI	30
85,000	130,000	36,000	<b>33017 F</b>	TRBM	12
85,000	140,000	39,000	<b>JHM 516849/ JHM 516810</b>	TRBI	29
85,000	140,000	41,000	<b>33117 F</b>	TRBM	13
85,000	150,000	28,000	<b>6217</b>	BB	67
85,000	150,000	28,000	<b>F 18036</b>	BBS	74
85,000	150,000	30,500	<b>30217 F</b>	TRBM	8
85,000	150,000	30,500	<b>F 15104</b>	TRBS	34
85,000	150,000	30,500	<b>F 15345</b>	TRBS	40
85,000	150,000	38,500	<b>32217 F</b>	TRBM	11
85,000	150,000	38,500	<b>F 15326</b>	TRBS	40
85,000	150,000	49,000	<b>33217 F</b>	TRBM	13
85,000	160,000	33,000	<b>F 18037</b>	BBS	74
85,000	180,000	63,500	<b>32317 F</b>	TRBM	12
85,026	150,089	44,450	<b>749 S/742</b>	TRBI	17
85,026	150,089	44,450	<b>749/742</b>	TRBI	17
85,725	146,050	41,275	<b>665 A/653</b>	TRBI	17
85,725	133,350	30,162	<b>497/492 A</b>	TRBI	15
85,725	136,525	30,162	<b>497/493</b>	TRBI	15
86,000	94,000	45,000	<b>F 17080 K</b>	NRBS	126
88,000	96,000	24,500	<b>F 17084 K</b>	NRBS	FALTA
88,000	96,000	29,000	<b>F 17081 K</b>	TRBS	FALTA
88,000	138,000	120,000	<b>F 200025</b>	KWT	136
88,000	140,000	32,000	<b>F 15075</b>	TRBS	34
88,900	121,442	15,083	<b>LL 217849/ LL 217810</b>	TRBI	28
88,900	148,430	28,575	<b>42350/42584</b>	TRBI	25
88,900	152,400	39,688	<b>593/592 A</b>	TRBI	16
88,900	152,400	39,688	<b>HM 518445/ HM 518410</b>	TRBI	29
88,900	161,925	47,625	<b>759/752</b>	TRBI	17
88,900	161,925	53,975	<b>6580/6535</b>	TRBI	20
89,000	97,000	40,000	<b>F 17034 K</b>	NRBS	124
89,974	146,975	40,000	<b>HM 218248/ HM 218210</b>	TRBI	29
89,975	146,975	40,000	<b>F 15115</b>	TRBS	34

# 11.2\ Fersa dimensional list

## Lista dimensional Fersa

d	D	T	FERSA		PAG.
89,992	160,096	30,124	<b>69354/69630</b>	TRBI	27
90,000	98,000	40,500	<b>F 17040 K</b>	NRBS	124
90,000	98,000	46,000	<b>F 17095 K</b>	NRBS	126
90,000	130,000	14,000	<b>16017/90</b>	BB	73
90,000	140,000	32,000	<b>32018 XF</b>	TRBM	10
90,000	140,000	39,000	<b>33018 F</b>	TRBM	12
90,000	145,000	35,000	<b>JM 718149 A/ JM 718110</b>	TRBI	30
90,000	145,000	35,000	<b>JM 718149/ JM 718110</b>	TRBI	30
90,000	150,000	45,000	<b>33118 F</b>	TRBM	13
90,000	155,000	44,000	<b>JHM 318448/ JHM 318410</b>	TRBI	29
90,000	160,000	30,000	<b>6218</b>	BB	67
90,000	160,000	32,500	<b>30218 F</b>	TRBM	8
90,000	160,000	42,500	<b>32218 F</b>	TRBM	11
90,000	160,000	55,000	<b>33218 F</b>	TRBM	13
90,000	160,000	125,000	<b>F 15122</b>	HWT	132
90,000	190,000	46,500	<b>31318 F</b>	TRBM	9
92,000	100,000	27,000	<b>F 17094 K</b>	NRBS	126
92,000	100,000	53,000	<b>F 17038 K</b>	NRBS	124
92,075	146,050	33,338	<b>47890/47820</b>	TRBI	26
92,075	148,430	28,575	<b>42362/42584</b>	TRBI	25
92,075	150,000	35,992	<b>598 A/593 X</b>	TRBI	17
92,075	150,000	35,992	<b>598/593 X</b>	TRBI	16
92,075	152,400	39,688	<b>598 A/592 A</b>	TRBI	16
92,075	152,400	39,688	<b>598/592 A</b>	TRBI	16
92,075	168,275	41,275	<b>681 A/672</b>	TRBI	17
92,075	168,275	41,275	<b>681/672</b>	TRBI	17
93,662	148,430	28,575	<b>42368/42584</b>	TRBI	25
93,800 / 94,000	148,000	135,000	<b>F 200014</b>	KWT	135
93,800	384,000	191,500	<b>F 400021</b>	PHA	142
93,800	384,000	191,500	<b>F 400022</b>	PHA	142
93,800	386,000	156,500	<b>F 400018</b>	PHA	142
93,800	386,000	156,500	<b>F 400019</b>	PHA	142
95,000	103,000	60,000	<b>F 17092 K</b>	NRBS	126
95,000	126,000	18,100	<b>F 15341</b>	TRBS	40
95,000	135,000	20,000	<b>JL 819349/ JL 819310</b>	TRBI	31
95,000	145,000	32,000	<b>32019 XF</b>	TRBM	10
95,000	145,000	39,000	<b>33019 F</b>	TRBM	12
95,000	150,000	35,000	<b>JM 719149/ JM 719113</b>	TRBI	30
95,000	160,000	46,000	<b>JF 9549/JF 9510</b>	TRBI	20
95,000	160,000	49,000	<b>33119 F</b>	TRBM	13
95,000	170,000	34,500	<b>30219 F</b>	TRBM	8
95,000	170,000	45,500	<b>32219 F</b>	TRBM	11
95,250	128,587	15,875	<b>LL 319349/ LL 319310</b>	TRBI	29
95,250	130,175	20,638	<b>L 319249/ L 319210</b>	TRBI	29
95,250	150,000	35,992	<b>594 A/593 X</b>	TRBI	16
95,250	150,000	35,992	<b>594/593 X</b>	TRBI	16
95,250	152,400	39,688	<b>594 A/592 A</b>	TRBI	16
95,250	152,400	39,688	<b>594/592 A</b>	TRBI	16
95,250	168,275	41,275	<b>683/672</b>	TRBI	17
96,000	104,000	55,000	<b>F 17039 K</b>	NRBS	124
96,838	148,430	28,575	<b>42381/42584</b>	TRBI	25
99,975	156,975	42,000	<b>F 15208</b>	TRBS	36

d	D	T	FERSA		PAG.
99,975	156,975	42,000	<b>HM 220149/ HM 220110</b>	TRBI	29
99,800 / 100,000	148,000	135,000	<b>F 200017</b>	KWT	136
100,000	135,000	4,000	<b>AXK 100135</b>	NRBAXK	122
100,000	145,000	24,000	<b>JP 10049/ JP 10010</b>	TRBI	20
100,000	148,000	141,000	<b>F 200031</b>	KWT	136
100,000	150,000	32,000	<b>32020 XF</b>	TRBM	10
100,000	150,000	39,000	<b>33020 F</b>	TRBM	12
100,000	150,000	39,000	<b>33020 F 561694</b>	TRBM	12
100,000	155,000	36,000	<b>JM 720249/ JM 720210</b>	TRBI	30
100,000	160,000	41,000	<b>JHM 720249/ JHM 720210</b>	TRBI	30
100,000	160,000	42,000	<b>F 15200</b>	TRBS	36
100,000	160,000	44,000	<b>F 15267</b>	TRBS	38
100,000	165,000	47,000	<b>JF 10049/ JF 10010</b>	TRBI	20
100,000	180,000	37,000	<b>30220 F</b>	TRBM	8
100,000	180,000	49,000	<b>32220 F</b>	TRBM	11
100,000	180,000	49,000	<b>32220 FR</b>	TRBM	11
100,000	180,000	63,000	<b>33220 F</b>	TRBM	13
101,600	157,162	36,512	<b>52400/52618</b>	TRBI	26
101,600	160,000	35,000	<b>F 15279</b>	TRBS	38
101,600	168,275	41,275	<b>687/672</b>	TRBI	17
101,600	214,312	55,562	<b>H 924033/ H 924010</b>	TRBI	31
105,000	160,000	35,000	<b>32021 XF</b>	TRBM	10
105,000	160,000	43,000	<b>33021 F</b>	TRBM	12
105,000	160,000	43,000	<b>33021 F 0266488</b>	TRBM	12
105,000	160,000	43,000	<b>F 15239</b>	TRBS	36
105,000	160,000	140,000	<b>F 200004</b>	KWT	134
105,000	170,000	38,000	<b>F 15076</b>	TRBS	34
105,000	190,000	39,000	<b>30221 F</b>	TRBM	8
105,000	190,000	53,000	<b>32221 F</b>	TRBM	11
106,000	140,000	21,000	<b>F 18028</b>	BBC	104
106,000	140,000	25,000	<b>F 15210</b>	BBC	104
106,000	160,000	35,000	<b>F 15272</b>	TRBS	38
107,950	146,050	21,433	<b>L 521949/ L 521910</b>	TRBI	29
107,950	158,750	23,020	<b>37425 T/37625 T</b>	TRBI	25
107,950	158,750	23,020	<b>37425/37625</b>	TRBI	25
107,950	161,925	34,925	<b>48190/48120</b>	TRBI	26
107,950	165,100	36,512	<b>56425/56650</b>	TRBI	26
109,538	158,750	23,020	<b>37431 A/37625</b>	TRBI	25
109,538	158,750	23,020	<b>37431/37625</b>	TRBI	25
109,538	158,750	23,020	<b>F 15165</b>	TRBS	36
110,000	165,000	35,000	<b>JM 822049/ JM 822010</b>	TRBI	31
110,000	170,000	38,000	<b>32022 XF</b>	TRBM	10
110,000	170,000	47,000	<b>33022 F</b>	TRBM	12
110,000	170,000	146,000	<b>F 200005</b>	KWT	134
110,000	180,000	47,000	<b>JHM 522649/ JHM 522610</b>	TRBI	29
110,000	200,000	41,000	<b>30222 F</b>	TRBM	8
110,000	200,000	53,000	<b>NJ 2222 FM/C3</b>	CRB	108
110,000	200,000	56,000	<b>32222 F</b>	TRBM	11
110,000	240,000	80,000	<b>NJ 2322 FM/C3</b>	CRB	108
111,120	53,970	30,160	<b>55212 C/55437</b>	TRBI	26



# 11.3 \ Cross references

## Cruces de referencias

OEM	Fersa	PAG.
<b>FAG</b>		
4209 BTVH	<b>F 18009</b>	74
33021. 580938	<b>F 15239</b>	36
201009	<b>JM 714249/JM 714210</b>	30
201029	<b>JF 9549/JF 9510</b>	20
201034	<b>F 15100</b>	132
201037	<b>F 15097</b>	132
201040	<b>JLM 714149/JLM 714110</b>	30
201047	<b>JF 4549/JF 4510</b>	19
201050	<b>F 15120</b>	132
201052	<b>33209 F</b>	13
201059	<b>F 15122</b>	132
201067	<b>JM 714249/JM 714210</b>	30
Z-504376.02	<b>F 15322</b>	40
508204 E.TVP	<b>F 19044</b>	114
509333 A	<b>F 15082</b>	34
510148 A	<b>F 19012</b>	112
510148 B	<b>F 19043</b>	114
511134	<b>F 19015</b>	112
511482	<b>HM 911244/HM 911216</b>	31
511687	<b>F 15080</b>	34
512099 TVP2	<b>F 19011</b>	112
512533	<b>F 19019</b>	112
518713	<b>F 15280</b>	38
521471 A	<b>F 15046</b>	32
521618	<b>F 15083</b>	34
522380/33211	<b>F 15047</b>	32
523361	<b>F 15258</b>	38
524625B.M	<b>F 19106</b>	116
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601348	<b>KF 543</b>	182
601384	<b>KA 041</b>	148
601440	<b>KF 500</b>	180
601446	<b>KF 172</b>	158
601495	<b>KF 139</b>	156
601675	<b>KF 399</b>	174
601916	<b>KF 145</b>	156
601953	<b>KF 289</b>	168
602251	<b>KV 435</b>	176
602314	<b>KV 219</b>	162
602320	<b>KB 008</b>	146
602322	<b>KF 112</b>	154
602337	<b>KV 114</b>	154
602340	<b>KV 144</b>	156
602345	<b>KV 460</b>	178
602347	<b>KV 275</b>	166
602386	<b>KV 459</b>	178
602388	<b>KV 215</b>	162
602390	<b>KF 141</b>	156
602406	<b>KF 140</b>	156
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602835	<b>KV 507</b>	180
602858	<b>KB 078</b>	152
602859	<b>KA 089</b>	152
602883	<b>KB 369</b>	172
602893	<b>KB 357</b>	172
602955	<b>KV 445</b>	178
602956	<b>KV 290</b>	168
681261	<b>KF 434</b>	176
681303	<b>KF 113</b>	154
681325	<b>KA 272</b>	166
681375	<b>KB 295</b>	168
681375	<b>KB 390</b>	174
681471	<b>KB 296</b>	168
681471	<b>KB 372</b>	172
681471	<b>KF 391</b>	174
681504	<b>KA 009</b>	146
681506	<b>KA 079</b>	152
681640	<b>KB 011</b>	146
681913	<b>KF 473</b>	178
681923	<b>KB 356</b>	172
682263	<b>KV 294</b>	168
682305	<b>KV 236</b>	164
682327	<b>KA 013</b>	146
682329	<b>KA 080</b>	152
682420	<b>KA 010</b>	146
682437	<b>KB 424</b>	176
682492	<b>KA 200</b>	160
682508	<b>KA 058</b>	150
682642	<b>KB 012</b>	146
682925	<b>KB 362</b>	172
700245	<b>KF 371</b>	172
700310	<b>KF 155</b>	158
701247	<b>KF 334</b>	170
701302	<b>KB 048</b>	148
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701860	<b>KB 293</b>	168
701914	<b>KF 277</b>	166
701975	<b>KF 375</b>	174
701977	<b>KF 351</b>	172
701978	<b>KF 366</b>	172
702312	<b>KB 045</b>	148
702312	<b>KB 193</b>	160
702313	<b>KV 546</b>	182
702316	<b>KB 046</b>	148
702321	<b>KV 246</b>	164
702328	<b>KA 044</b>	148
702350	<b>KA 043</b>	148
702352	<b>KB 090</b>	152
702355	<b>KV 243</b>	164
702357	<b>KV 244</b>	164
702380	<b>KV 154</b>	158
702380	<b>KV 258</b>	166
702426	<b>KB 047</b>	148
702436	<b>KA 476</b>	178
702456	<b>KA 091</b>	152
702494	<b>KV 157</b>	158
702514	<b>KV 156</b>	158
702586	<b>KA 269</b>	166
702692	<b>KA 049</b>	148
702815	<b>KV 520</b>	182
702817	<b>KA 043</b>	148
702846	<b>KB 344</b>	172
702846	<b>KB 402</b>	174
702866	<b>KV 440</b>	176
702899	<b>KB 193</b>	160
702957	<b>KV 535</b>	182
702958	<b>KV 492</b>	180
702982	<b>KB 350</b>	172
702983	<b>KB 364</b>	172
800304	<b>KF 160</b>	158
800398	<b>KF 166</b>	158
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801342	<b>KV 163</b>	158
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801362	<b>KF 168</b>	158
801364	<b>KF 270</b>	166
801376	<b>KF 165</b>	158
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801402	<b>KA 056</b>	150
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801450	KF 468	178
801500	KF 264	166
801538	KA 213	162
801543	KF 159	158
801554	KA 004	146
801618	KA 349	172
801644	KA 169	158
801656	KA 024	148
801698	KA 057	150
801730	KF 167	158
801750	KA 169	158
801836	KF 346	172
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801838	KF 437	176
801838	KF 510	180
801880	KF 281	168
801950	KF 288	168
801961	KV 398	174
801970	KV 411	176
801972	KF 536	182
801974	KF 373	172
802265	KV 523	182
802302	KV 474	178
802315	KV 237	164
802318	KV 162	158
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802330	KV 164	158
802378	KV 218	162
802394	KV 204	162
802444	KV 544	182
802454	KC 205	162
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802480	KC 253	166
802485	KV 547	182
802542	KF 092	152
802590	KC 477	178
802612	KV 447	178
802652	KA 001	146
802732	KA 054	150
802748	KA 170	158
802839	KV 251	164
802870	KV 377	174
802888	KV 534	182
802980	KV 409	174
880419	KA 052	148
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881489	KA 533	182
881592	KA 254	166
881704	KF 099	152
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882483	KV 505	180
882487	KV 457	178
882491	KA 517	182
882896	KV 449	178
891311	KV 506	180
891477	KF 302	168
891484	KF 175	158
891486	KF 176	158
891544	KV 514	180
891628	KV 245	164
891628	KV 271	166
891630	KF 504	180
891731	KF 516	182
891822	KA 068	150
891869	KV 249	164
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892458	KA 212	162
892460	KA 211	162
892470	KV 177	158
892472	KV 178	160
892587	KV 401	174
892735	KV 234	164
892843	KV 242	164
892872	KV 478	178
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911377	KF 304	168
911383	KF 102	152
911385	KV 229	164
911600	KF 320	170
911802	KF 426	176
912122	KV 501	180
912527	KF 525	182
912530	KV 100	152
912532	KV 260	166
920752	KA 086	152
921215	KF 508	180
921555	KA 397	174
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922781	<b>KV 230</b>	164
922783	<b>KV 231</b>	164
922787	<b>KV 489</b>	180
922921	<b>KV 412</b>	176
940371	<b>KF 225</b>	162
941237	<b>KF 540</b>	182
941636	<b>KA 214</b>	162
941700	<b>KF 227</b>	162
941874	<b>KA 393</b>	174
941941	<b>KB 365</b>	172
942273	<b>KV 497</b>	180
942566	<b>KA 389</b>	174
942569	<b>KV 226</b>	162
942770	<b>KA 542</b>	182
942773	<b>KV 232</b>	164
942942	<b>KA 407</b>	174
951409	<b>KF 119</b>	154
951449	<b>KF 317</b>	170
951604	<b>KF 121</b>	154
951606	<b>KA 022</b>	146
951708	<b>KA 023</b>	146
951722	<b>KA 190</b>	160
952405	<b>KV 120</b>	154
952415	<b>KV 122</b>	154
952417	<b>KV 123</b>	154
952593	<b>KC 188</b>	160
952608	<b>KV 228</b>	162
952661	<b>KA 186</b>	160
952710	<b>KA 187</b>	160
952769	<b>KB 491</b>	180
952936	<b>KA 423</b>	176
960578	<b>KF 129</b>	156
960638	<b>KF 128</b>	154
961229	<b>KF 381</b>	174
961411	<b>KA 430</b>	176
961479	<b>KF 321</b>	170
961503	<b>KA 036</b>	148
961648	<b>KF 130</b>	156
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961801	<b>KA 392</b>	174
961904	<b>KA 035</b>	148
962435	<b>KA 266</b>	166
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962682	<b>KA 034</b>	148
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962703	<b>KV 503</b>	180
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962776	<b>KA 077</b>	152
962905	<b>KA 268</b>	166
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971393	<b>KF 134</b>	156
971393	<b>KF 448</b>	178
971451	<b>KA 061</b>	150
971455	<b>KC 223</b>	162
971575	<b>KF 301</b>	168
971612	<b>KB 062</b>	150
971612	<b>KB 496</b>	180
971707	<b>KB 443</b>	176
971723	<b>KF 509</b>	180
971767	<b>KV 541</b>	182
971917	<b>KA 405</b>	174
971940	<b>KF 428</b>	176
972389	<b>KA 007</b>	146
972453	<b>KC 224</b>	162
972571	<b>KC 265</b>	166
972571	<b>KC 522</b>	182
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972688	<b>KC 419</b>	176
972709	<b>KB 416</b>	176
972918	<b>KA 413</b>	176
981199	<b>KF 370</b>	172
981407	<b>KF 466</b>	178
981475	<b>KF 309</b>	170
981475	<b>KF 316</b>	170
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981572	<b>KF 456</b>	178
981616	<b>KF 259</b>	166
981704	<b>KV 528</b>	182
981790	<b>KA 065</b>	150
981799	<b>KF 311</b>	170
981814	<b>KA 066</b>	150
981814	<b>KA 067</b>	150
981851	<b>KF 310</b>	170
981856	<b>KF 298</b>	168
981868	<b>KF 197</b>	160
981938	<b>KF 429</b>	176
982195	<b>KV 482</b>	180
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982857	<b>KV 537</b>	182
982939	<b>KV 353</b>	172
982948	<b>KV 451</b>	178
991863	<b>KV 363</b>	172
991898	<b>KV 439</b>	176
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QWB 201	<b>KA 069</b>	150
QWB 212	<b>KA 002</b>	146
QWB 224	<b>KA 059</b>	150
QWB 224	<b>KA 063</b>	150
QWB 227	<b>KF 500</b>	180
QWB 231	<b>KF 172</b>	158
QWB 239	<b>KA 055</b>	150
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QWB 365	<b>KA 067</b>	150
QWB 366	<b>KA 065</b>	150
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QWB 445	<b>KA 089</b>	152
QWB 455	<b>KF 354</b>	172
QWB 457	<b>KA 211</b>	162
QWB 459	<b>KA 073</b>	150
QWB 461	<b>KF 141</b>	156
QWB 467	<b>KV 152</b>	156
QWB 474	<b>KA 255</b>	166
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QWB 481	<b>KA 009</b>	146
QWB 482	<b>KB 012</b>	146
QWB 486	<b>KB 011</b>	146
QWB 490	<b>KF 320</b>	170
QWB 493	<b>KA 349</b>	172
QWB 494	<b>KC 256</b>	166
QWB 496	<b>KA 072</b>	150
QWB 497	<b>KA 091</b>	152
QWB 498	<b>KF 314</b>	170
QWB 500	<b>KV 144</b>	156
QWB 503	<b>KB 008</b>	146
QWB 508	<b>KA 030</b>	148
QWB 509	<b>KV 204</b>	162
QWB 510	<b>KF 095</b>	152
QWB 510	<b>KF 185</b>	160
QWB 513	<b>KF 396</b>	174
QWB 514	<b>KF 107</b>	154
QWB 515	<b>KV 163</b>	158
QWB 521	<b>KA 455</b>	178
QWB 527	<b>KA 076</b>	150
QWB 528	<b>KA 082</b>	152
QWB 532	<b>KA 347</b>	172
QWB 533	<b>KA 257</b>	166
QWB 534	<b>KV 105</b>	154
QWB 539	<b>KA 034</b>	148
QWB 545	<b>KA 010</b>	146
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QWB 608	<b>KA 049</b>	148
QWB 629	<b>KA 043</b>	148
QWB 634	<b>KF 111</b>	154
QWB 635	<b>KF 112</b>	154
QWB 654	<b>KA 028</b>	148
QWB 659	<b>KA 029</b>	148
QWB 662	<b>KB 090</b>	152
QWB 666	<b>KA 169</b>	158
QWB 671	<b>KF 092</b>	152
QWB 678	<b>KV 215</b>	162
QWB 682	<b>KF 468</b>	178
QWB 685	<b>KA 170</b>	158
QWB 687	<b>KV 156</b>	158
QWB 691	<b>KA 004</b>	146
QWB 692	<b>KA 023</b>	146
QWB 696	<b>KA 020</b>	146
QWB 697	<b>KA 021</b>	146
QWB 698	<b>KF 182</b>	160
QWB 699	<b>KA 542</b>	182
QWB 703	<b>KF 173</b>	158
QWB 704	<b>KF 352</b>	172
QWB 707	<b>KA 054</b>	150
QWB 712	<b>KF 099</b>	152
QWB 716	<b>KA 190</b>	160
QWB 722	<b>KA 214</b>	162
QWB 725	<b>KA 024</b>	148
QWB 734	<b>KV 218</b>	162
QWB 735	<b>KF 465</b>	178
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QWB 756	<b>KA 084</b>	152
QWB 759	<b>KF 175</b>	158
QWB 763	<b>KB 217</b>	162
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QWB 766	<b>KF 456</b>	178
QWB 773	<b>KA 087</b>	152
QWB 779	<b>KF 106</b>	154
QWB 781	<b>KF 143</b>	156
QWB 783	<b>KF 124</b>	154
QWB 785	<b>KC 419</b>	176
QWB 786	<b>KV 108</b>	154
QWB 786	<b>KV 297</b>	168
QWB 787	<b>KF 109</b>	154

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QWB 798	<b>KF 142</b>	156
QWB 803	<b>KA 187</b>	160
QWB 812	<b>KB 062</b>	150
QWB 813	<b>KA 126</b>	154
QWB 817	<b>KF 115</b>	154
QWB 817	<b>KF 327</b>	170
QWB 822	<b>KC 477</b>	178
QWB 828	<b>KA 079</b>	152
QWB 830	<b>KV 219</b>	162
QWB 831	<b>KF 110</b>	154
QWB 842	<b>KA 086</b>	152
QWB 844	<b>KV 544</b>	182
QWB 846	<b>KF 261</b>	166
QWB 850	<b>KV 100</b>	152
QWB 853	<b>KF 166</b>	158
QWB 854	<b>KF 270</b>	166
QWB 855	<b>KF 165</b>	158
QWB 855	<b>KF 168</b>	158
QWB 859	<b>KF 116</b>	154
QWB 860	<b>KV 220</b>	162
QWB 861	<b>KV 222</b>	162
QWB 863	<b>KA 085</b>	152
QWB 864	<b>KF 453</b>	178
QWB 865	<b>KB 263</b>	166
QWB 871	<b>KF 195</b>	160
QWB 876	<b>KV 235</b>	164
QWB 877	<b>KV 202</b>	160
QWB 878	<b>KF 138</b>	156
QWB 879	<b>KV 252</b>	166
QWB 880	<b>KF 183</b>	160
QWB 890	<b>KF 227</b>	162
QWB 891	<b>KV 226</b>	162
QWB 896	<b>KC 223</b>	162
QWB 904	<b>KC 444</b>	176
QWB 906	<b>KF 104</b>	154
QWB 915	<b>KA 061</b>	150
QWB 926	<b>KV 228</b>	162
QWB 928	<b>KF 130</b>	156
QWB 931	<b>KF 129</b>	156
QWB 933	<b>KV 503</b>	180
QWB 935	<b>KF 137</b>	156
QWB 939	<b>KV 267</b>	166
QWB 941	<b>KF 321</b>	170
QWB 942	<b>KA 269</b>	166
QWB 944	<b>KF 094</b>	152
QWB 951	<b>KV 244</b>	164
QWB 952	<b>KV 243</b>	164
QWB 954	<b>KV 546</b>	182
QWB 956	<b>KF 128</b>	154



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QWB 957	<b>KF 434</b>	176
QWB 958	<b>KF 121</b>	154
QWB 959	<b>KF 301</b>	168
QWB 963	<b>KA 404</b>	174
QWB 965	<b>KV 229</b>	164
QWB 974	<b>KF 113</b>	154
QWB 978	<b>KV 514</b>	180
QWB 993	<b>KA 502</b>	180
QWB 994	<b>KF 101</b>	152
QWB 995	<b>KA 080</b>	152
QWB 996	<b>KA 013</b>	146
QWB 997	<b>KF 233</b>	164
QWB 998	<b>KV 505</b>	180
QWB 1000	<b>KF 240</b>	164
QWB 1001	<b>KV 236</b>	164
QWB 1002	<b>KF 304</b>	168
QWB 1003	<b>KF 102</b>	152
QWB 1005	<b>KA 272</b>	166
QWB 1039	<b>KV 245</b>	164
QWB 1039	<b>KV 271</b>	166
QWB 1049	<b>KV 114</b>	154
QWB 1052	<b>KV 537</b>	182
QWB 1055	<b>KV 194</b>	160
QWB 1057	<b>KF 127</b>	154
QWB 1068	<b>KF 450</b>	178
QWB 1069	<b>KB 345</b>	172
QWB 1070	<b>KA 189</b>	160
QWB 1071	<b>KV 547</b>	182
QWB 1076	<b>KV 336</b>	170
QWB 1079	<b>KV 231</b>	164
QWB 1081	<b>KV 230</b>	164
QWB 1084	<b>KF 155</b>	158
QWB 1085	<b>KB 278</b>	166
QWB 1086	<b>KB 402</b>	174
QWB 1088	<b>KB 193</b>	160
QWB 1089	<b>KF 184</b>	160
QWB 1096	<b>KF 277</b>	166
QWB 1098	<b>KF 288</b>	168
QWB 1099	<b>KV 411</b>	176
QWB 1101	<b>KV 251</b>	164
QWB 1102	<b>KF 346</b>	172
QWB 1103	<b>KF 536</b>	182
QWB 1106	<b>KF 452</b>	178
QWB 1109	<b>KV 492</b>	180
QWB 1112	<b>KV 196</b>	160
QWB 1113	<b>KV 198</b>	160
QWB 1114	<b>KV 199</b>	160
QWB 1115	<b>KV 279</b>	168
QWB 1116	<b>KF 441</b>	176

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QWB 1118	<b>KF 264</b>	166
QWB 1124	<b>KV 457</b>	178
QWB 1126	<b>KF 201</b>	160
QWB 1127	<b>KF 282</b>	168
QWB 1128	<b>KB 191</b>	160
QWB 1131	<b>KV 246</b>	164
QWB 1132	<b>KV 440</b>	176
QWB 1133	<b>KV 157</b>	158
QWB 1136	<b>KV 530</b>	182
QWB 1137	<b>KV 276</b>	166
QWB 113C	<b>KA 014</b>	146
QWB 1142	<b>KF 316</b>	170
QWB 1146	<b>KF 241</b>	164
QWB 114C	<b>KA 499</b>	180
QWB 1150	<b>KF 145</b>	156
QWB 1152	<b>KV 275</b>	166
QWB 1154	<b>KF 308</b>	168
QWB 1155	<b>KA 248</b>	164
QWB 115C	<b>KA 017</b>	146
QWB 1160	<b>KV 286</b>	168
QWB 1179	<b>KB 422</b>	176
QWB 1189	<b>KV 221</b>	162
QWB 1193	<b>KV 532</b>	182
QWB 1194	<b>KF 348</b>	172
QWB 1195	<b>KF 280</b>	168
QWB 1196	<b>KA 273</b>	166
QWB 1197	<b>KA 033</b>	148
QWB 1198	<b>KA 515</b>	182
QWB 1199	<b>KA 032</b>	148
QWB 1200	<b>KV 238</b>	164
QWB 1202	<b>KV 234</b>	164
QWB 1211	<b>KF 292</b>	168
QWB 1212	<b>KB 338</b>	170
QWB 1222	<b>KF 470</b>	178
QWB 1223	<b>KF 303</b>	168
QWB 1228	<b>KV 290</b>	168
QWB 1231	<b>KF 302</b>	168
QWB 1233	<b>KV 242</b>	164
QWB 1234	<b>KV 178</b>	160
QWB 1236	<b>KV 328</b>	170
QWB 1237	<b>KV 460</b>	178
QWB 1240	<b>KV 177</b>	158
QWB 1241	<b>KV 249</b>	164
QWB 1242	<b>KV 472</b>	178
QWB 1251	<b>KF 340</b>	170
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QWB 1261	<b>KF 329</b>	170
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QWB 1264	<b>KF 371</b>	172
QWB 1265	<b>KF 289</b>	168
QWB 1266	<b>KV 445</b>	178
QWB 1270	<b>KV 395</b>	174
QWB 1273	<b>KV 294</b>	168
QWB 1274	<b>KB 078</b>	152
QWB 1275	<b>KV 459</b>	178
QWB 1276	<b>KV 305</b>	168
QWB 1277	<b>KV 535</b>	182
QWB 1280	<b>KF 525</b>	182
QWB 1282	<b>KF 433</b>	176
QWB 1282	<b>KF 504</b>	180
QWB 1283	<b>KV 420</b>	176
QWB 1284	<b>KF 176</b>	158
QWB 1285	<b>KA 405</b>	174
QWB 1286	<b>KA 413</b>	176
QWB 1287	<b>KV 377</b>	174
QWB 1305	<b>KV 484</b>	180
QWB 1358	<b>KV 507</b>	180
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4017	<b>KB 390</b>	174
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4024	<b>KA 476</b>	178
4025	<b>KA 091</b>	152
4026	<b>KA 070</b>	150
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4034	<b>KA 023</b>	146
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4076	<b>KA 273</b>	166
4077	<b>KA 079</b>	152
4078	<b>KA 058</b>	150
4080	<b>KA 084</b>	152
4081	<b>KA 269</b>	166
4083	<b>KA 200</b>	160
4085	<b>KB 263</b>	166
4086	<b>KF 453</b>	178
4087	<b>KA 085</b>	152
4088	<b>KA 515</b>	182
4089	<b>KC 174</b>	158
4091	<b>KA 266</b>	166
4094	<b>KA 272</b>	166
4095	<b>KA 013</b>	146
4096	<b>KA 080</b>	152
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5010	<b>KF 396</b>	174
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5015	<b>KV 105</b>	154
5016	<b>KF 104</b>	154
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5022	<b>KV 297</b>	168
5023	<b>KF 109</b>	154
5024	<b>KF 110</b>	154
5025	<b>KF 348</b>	172
5026	<b>KV 532</b>	182
5027	<b>KF 274</b>	166
5028	<b>KF 470</b>	178
5029	<b>KV 239</b>	164
5030	<b>KV 238</b>	164
5031	<b>KF 303</b>	168
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5108	<b>KA 030</b>	148
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5112	<b>KA 029</b>	148
5114	<b>KA 028</b>	148
5115	<b>KB 125</b>	154
5118	<b>KA 189</b>	160
5126	<b>KF 280</b>	168
5127	<b>KF 127</b>	154
5128	<b>KF 300</b>	168
5131	<b>KF 450</b>	178
5132	<b>KB 345</b>	172
5136	<b>KA 414</b>	176
5138	<b>KA 406</b>	174
5202	<b>KA 083</b>	152
5205	<b>KA 499</b>	180
5208	<b>KA 017</b>	146
5212	<b>KA 014</b>	146
5216	<b>KA 015</b>	146
5217	<b>KA 075</b>	150
5219	<b>KA 019</b>	146
5220	<b>KA 074</b>	150
5221	<b>KA 018</b>	146
5223	<b>KF 329</b>	170
5224	<b>KV 328</b>	170
5228	<b>KA 076</b>	150
5229	<b>KA 081</b>	152
5232	<b>KA 347</b>	172
5233	<b>KA 257</b>	166
5234	<b>KA 082</b>	152
5236	<b>KA 020</b>	146
5237	<b>KA 021</b>	146
5237	<b>KA 383</b>	174
5239	<b>KF 115</b>	154
5239	<b>KF 327</b>	170
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5243	<b>KV 220</b>	162
5244	<b>KV 221</b>	162
5245	<b>KV 222</b>	162
5254	<b>KF 201</b>	160
5255	<b>KF 282</b>	168
5256	<b>KB 191</b>	160
5256	<b>KB 384</b>	174
5258	<b>KV 325</b>	170

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5261	<b>KF 549</b>	182
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5266	<b>KV 324</b>	170
5267	<b>KV 323</b>	170
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5307	<b>KA 007</b>	146
5307	<b>KA 038</b>	148
5314	<b>KF 133</b>	156
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5315	<b>KF 448</b>	178
5316	<b>KA 039</b>	148
5318	<b>KV 135</b>	156
5320	<b>KF 136</b>	156
5322	<b>KV 235</b>	164
5323	<b>KV 202</b>	160
5325	<b>KF 137</b>	156
5326	<b>KF 138</b>	156
5327	<b>KV 252</b>	166
5328	<b>KA 404</b>	174
5330	<b>KV 247</b>	164
5331	<b>KV 196</b>	160
5332	<b>KV 198</b>	160
5333	<b>KV 199</b>	160
5334	<b>KV 279</b>	168
5335	<b>KF 342</b>	172
5336	<b>KF 341</b>	170
5337	<b>KB 338</b>	170
5338	<b>KV 337</b>	170
5339	<b>KF 292</b>	168
5340	<b>KV 343</b>	172
5341	<b>KV 336</b>	170
5343	<b>KV 335</b>	170
5347	<b>KV 333</b>	170
5348	<b>KV 332</b>	170
5349	<b>KV 331</b>	170
5350	<b>KV 330</b>	170
5401	<b>KF 184</b>	160
5404	<b>KA 069</b>	150
5408	<b>KC 256</b>	166
5410	<b>KF 421</b>	176
5412	<b>KF 180</b>	160
5414	<b>KF 179</b>	160
5415	<b>KF 185</b>	160
5416	<b>KF 095</b>	152
5417	<b>KA 071</b>	150
5418	<b>KA 072</b>	150
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5433	<b>KF 233</b>	164
5434	<b>KF 183</b>	160
5441	<b>KF 240</b>	164
5442	<b>KF 241</b>	164
5443	<b>KF 098</b>	152
5444	<b>KV 276</b>	166
5445	<b>KV 284</b>	168
5446	<b>KB 422</b>	176
5448	<b>KV 194</b>	160
5449	<b>KF 159</b>	158
5450	<b>KA 248</b>	164
5452	<b>KV 285</b>	168
5454	<b>KV 358</b>	172
5455	<b>KV 361</b>	172
5455	<b>KV 367</b>	172
5456	<b>KV 359</b>	172
5457	<b>KV 425</b>	176
5458	<b>KV 394</b>	174
5466	<b>KV 250</b>	164
5502	<b>KF 312</b>	170
5503	<b>KA 043</b>	148
5506	<b>KA 044</b>	148
5507	<b>KF 375</b>	174
5508	<b>KC 149</b>	156
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5510	<b>KC 148</b>	156
5511	<b>KV 152</b>	156
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5513	<b>KB 193</b>	160
5515	<b>KV 154</b>	158
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5517	<b>KB 046</b>	148
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5529	<b>KB 192</b>	160
5538	<b>KF 195</b>	160
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5546	<b>KV 244</b>	164
5547	<b>KV 243</b>	164
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5570	<b>KB 339</b>	170
5572	<b>KF 371</b>	172
5574	<b>KF 334</b>	170
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5576	<b>KF 366</b>	172
5577	<b>KB 350</b>	172
5579	<b>KB 364</b>	172
5580	<b>KF 539</b>	182
5582	<b>KV 520</b>	182
5600	<b>KA 063</b>	150
5604	<b>KF 172</b>	158
5705	<b>KA 005</b>	146
5708	<b>KF 096</b>	152
5716	<b>KF 308</b>	168
5725	<b>KF 479</b>	178
5727	<b>KV 395</b>	174
5728	<b>KF 519</b>	182
5731	<b>KV 286</b>	168
5732	<b>KF 287</b>	168
5742	<b>KV 511</b>	180
5801	<b>KA 056</b>	150
5802	<b>KA 213</b>	162
5804	<b>KA 210</b>	162
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5810	<b>KV 162</b>	158
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5812	<b>KF 160</b>	158
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5843	<b>KF 437</b>	176
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5844	<b>KF 346</b>	172
5844	<b>KF 461</b>	178
5845	<b>KF 536</b>	182
5846	<b>KV 251</b>	164
5853	<b>KV 409</b>	174
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5911	<b>KA 089</b>	152
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5924	<b>KF 543</b>	182
5929	<b>KV 219</b>	162
5931	<b>KF 113</b>	154
5933	<b>KV 460</b>	178
5937	<b>KV 114</b>	154
5938	<b>KB 078</b>	152
5940	<b>KV 305</b>	168
5942	<b>KV 290</b>	168
5943	<b>KV 548</b>	182
5944	<b>KF 289</b>	168
5945	<b>KF 434</b>	176
5946	<b>KV 294</b>	168
5947	<b>KF 399</b>	174
5948	<b>KV 458</b>	178
5949	<b>KV 410</b>	174
5950	<b>KB 369</b>	172
6002	<b>KA 001</b>	146
6004	<b>KA 002</b>	146
6006	<b>KA 003</b>	146
6013	<b>KF 092</b>	152
6015	<b>KF 264</b>	166
6018	<b>KF 094</b>	152
6019	<b>KA 004</b>	146
6023	<b>KV 547</b>	182
6025	<b>KV 411</b>	176
6026	<b>KV 377</b>	174

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6052	<b>KV 447</b>	178
6103	<b>KF 441</b>	176
6109	<b>KA 254</b>	166
6119	<b>KV 505</b>	180
6122	<b>KV 457</b>	178
6123	<b>KF 101</b>	152
6126	<b>KF 452</b>	178
6129	<b>KV 449</b>	178
6250	<b>KV 374</b>	172
6251	<b>KV 462</b>	178
6300	<b>KA 068</b>	150
6415	<b>KF 504</b>	180
6418	<b>KF 433</b>	176
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6517	<b>KV 271</b>	166
6518	<b>KV 514</b>	180
6520	<b>KV 234</b>	164
6522	<b>KV 242</b>	164
6524	<b>KF 302</b>	168
6525	<b>KF 516</b>	182
6526	<b>KV 249</b>	164
6527	<b>KV 467</b>	178
6528	<b>KV 478</b>	178
6530	<b>KV 480</b>	180
6532	<b>KV 401</b>	174
6600	<b>KF 500</b>	180
6603	<b>KF 354</b>	172
6607	<b>KB 368</b>	172
6613	<b>KF 143</b>	156
6614	<b>KF 111</b>	154
6615	<b>KF 112</b>	154
6626	<b>KV 275</b>	166
6628	<b>KF 313</b>	170
6630	<b>KV 459</b>	178
6631	<b>KV 445</b>	178
6632	<b>KV 435</b>	176
6706	<b>KA 502</b>	180
6804	<b>KC 132</b>	156
6809	<b>KA 036</b>	148
6810	<b>KA 077</b>	152
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6827	<b>KV 503</b>	180
6829	<b>KV 530</b>	182
6830	<b>KF 130</b>	156
6839	<b>KB 318</b>	170
6840	<b>KF 321</b>	170
6850	<b>KA 035</b>	148
6852	<b>KA 268</b>	166
6854	<b>KA 430</b>	176
6900	<b>KV 537</b>	182
6901	<b>KA 065</b>	150
6902	<b>KA 066</b>	150
6902	<b>KA 067</b>	150
6910	<b>KF 173</b>	158
6914	<b>KF 352</b>	172
6924	<b>KF 310</b>	170
6926	<b>KF 466</b>	178
6929	<b>KF 429</b>	176
6930	<b>KV 353</b>	172
6936	<b>KF 309</b>	170
6936	<b>KF 316</b>	170
6937	<b>KF 197</b>	160
6938	<b>KF 298</b>	168
6950	<b>KF 259</b>	166
6951	<b>KV 482</b>	180
6964	<b>KF 311</b>	170
7008	<b>KA 389</b>	174
7009	<b>KA 214</b>	162
7012	<b>KA 542</b>	182
7022	<b>KF 227</b>	162
7023	<b>KV 226</b>	162
7024	<b>KV 232</b>	164
7026	<b>KA 393</b>	174
7032	<b>KF 225</b>	162
7037	<b>KV 497</b>	180
7200	<b>KC 205</b>	162
7201	<b>KA 024</b>	148
7202	<b>KC 477</b>	178
7300	<b>KA 086</b>	152
7305	<b>KC 188</b>	160
7306	<b>KA 190</b>	160
7307	<b>KA 186</b>	160
7307	<b>KA 423</b>	176
7308	<b>KA 022</b>	146
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7323	<b>KV 120</b>	154
7325	<b>KV 490</b>	180
7412	<b>KF 099</b>	152
7413	<b>KF 320</b>	170
7414	<b>KF 525</b>	182
7415	<b>KV 100</b>	152
7416	<b>KV 260</b>	166
7425	<b>KF 304</b>	168
7428	<b>KV 229</b>	164
7434	<b>KF 102</b>	152
7701	<b>KC 444</b>	176
7702	<b>KA 061</b>	150
7705	<b>KF 509</b>	180
7706	<b>KF 301</b>	168
7708	<b>KC 224</b>	162
7709	<b>KC 223</b>	162
7711	<b>KC 265</b>	166
7711	<b>KC 522</b>	182
7712	<b>KB 062</b>	150
7712	<b>KB 496</b>	180
7713	<b>KC 419</b>	176
7800	<b>KA 349</b>	172
7803	<b>KA 054</b>	150
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8000	<b>KA 050</b>	148
8001	<b>KA 052</b>	148
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8109	<b>KB 443</b>	176
8110	<b>KB 416</b>	176
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6210 ZNBR	<b>F 18032</b>	74
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32008 X/ QVA621+BT1-0336/ QCL7CVA606	<b>F 15310</b>	42
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33021 / QVB 401	<b>F 15239</b>	36
239697 Q	<b>F 15046</b>	32
30307XR N	<b>F 15014</b>	32
309726 DA	<b>F 16019</b>	80
309946 AC	<b>F 16032</b>	82
314984	<b>F 19015</b>	112
315070 B	<b>F 19011</b>	112
330356 A/Q	<b>F 15322</b>	40
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331075	<b>F 15083</b>	34
331264	<b>F 15280</b>	38
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1861071	<b>F 15089</b>	34
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BT1B 329012	<b>F 15116</b>	34
BT1B 329013 A/Q	<b>F 15029</b>	32
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BT1B 639416 A/Q	<b>F 15115</b>	34
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NJ 309 VHNRC4	<b>F 19002</b>	112
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VKBA 502	<b>KA 068</b>	150
VKBA 504	<b>KA 014</b>	146

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VKBA 506	<b>KA 040</b>	148
VKBA 513	<b>KA 002</b>	146
VKBA 517	<b>KA 025</b>	148
VKBA 523	<b>KA 083</b>	152
VKBA 526	<b>KA 039</b>	148
VKBA 527	<b>KA 066</b>	150
VKBA 528	<b>KA 075</b>	150
VKBA 529	<b>KA 069</b>	150
VKBA 532	<b>KA 001</b>	146
VKBA 534	<b>KA 065</b>	150
VKBA 539	<b>KA 499</b>	180
VKBA 540	<b>KA 041</b>	148
VKBA 542	<b>KA 005</b>	146
VKBA 543	<b>KA 074</b>	150
VKBA 546	<b>KA 089</b>	152
VKBA 547	<b>KA 088</b>	152
VKBA 548	<b>KA 043</b>	148
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VKBA 636	<b>KC 148</b>	156
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VKBA 639	<b>KC 147</b>	156
VKBA 652	<b>KA 044</b>	148
VKBA 654	<b>KA 043</b>	148
VKBA 663	<b>KF 133</b>	156
VKBA 673	<b>KC 132</b>	156
VKBA 675	<b>KC 174</b>	158
VKBA 678	<b>KF 500</b>	180
VKBA 684	<b>KA 036</b>	148
VKBA 685	<b>KF 160</b>	158
VKBA 686	<b>KA 015</b>	146
VKBA 687	<b>KA 019</b>	146
VKBA 708	<b>KA 349</b>	172
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VKBA 723	<b>KC 149</b>	156
VKBA 728	<b>KA 073</b>	150
VKBA 729	<b>KF 141</b>	156
VKBA 733	<b>KA 212</b>	162
VKBA 734	<b>KV 163</b>	158
VKBA 736	<b>KF 134</b>	156
VKBA 738	<b>KF 172</b>	158
VKBA 740	<b>KA 018</b>	146
VKBA 741	<b>KA 081</b>	152
VKBA 743	<b>KV 144</b>	156
VKBA 749	<b>KA 254</b>	166
VKBA 752	<b>KA 077</b>	152
VKBA 756	<b>KA 030</b>	148
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VKBA 801	<b>KA 072</b>	150
VKBA 802	<b>KA 071</b>	150
VKBA 813	<b>KB 011</b>	146
VKBA 814	<b>KB 012</b>	146
VKBA 826	<b>KA 070</b>	150
VKBA 827	<b>KC 488</b>	180
VKBA 828	<b>KA 476</b>	178
VKBA 829	<b>KA 255</b>	166
VKBA 830	<b>KA 091</b>	152
VKBA 837	<b>KA 051</b>	148
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VKBA 845	<b>KA 010</b>	146
VKBA 846	<b>KA 010</b>	146
VKBA 869	<b>KB 045</b>	148
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VKBA 904	<b>KA 389</b>	174
VKBA 906	<b>KF 181</b>	160
VKBA 908	<b>KF 314</b>	170
VKBA 909	<b>KF 153</b>	158
VKBA 910	<b>KC 256</b>	166
VKBA 912	<b>KA 455</b>	178
VKBA 915	<b>KF 143</b>	156
VKBA 918	<b>KA 347</b>	172
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VKBA 926	<b>KA 055</b>	150
VKBA 927	<b>KA 213</b>	162
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VKBA 941	<b>KA 028</b>	148
VKBA 944	<b>KA 038</b>	148
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VKBA 973	<b>KC 205</b>	162
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VKBA 1315	<b>KF 175</b>	158
VKBA 1317	<b>KF 104</b>	154
VKBA 1318	<b>KF 107</b>	154
VKBA 1319	<b>KF 396</b>	174
VKBA 1320	<b>KF 106</b>	154
VKBA 1322	<b>KA 542</b>	182
VKBA 1324	<b>KA 024</b>	148
VKBA 1325	<b>KC 477</b>	178
VKBA 1326	<b>KF 136</b>	156
VKBA 1327	<b>KF 111</b>	154
VKBA 1328	<b>KF 112</b>	154
VKBA 1331	<b>KV 215</b>	162
VKBA 1333	<b>KA 021</b>	146
VKBA 1337	<b>KA 029</b>	148
VKBA 1340	<b>KF 259</b>	166
VKBA 1341	<b>KF 456</b>	178
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VKBA 1346	<b>KF 352</b>	172
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VKBA 1396	<b>KA 087</b>	152
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VKBA 1401	<b>KF 468</b>	178
VKBA 1402	<b>KF 465</b>	178
VKBA 1403	<b>KF 261</b>	166
VKBA 1406	<b>KV 156</b>	158
VKBA 1410	<b>KF 203</b>	162
VKBA 1412	<b>KF 543</b>	182
VKBA 1413	<b>KB 048</b>	148
VKBA 1430	<b>KA 054</b>	150
VKBA 1431	<b>KA 020</b>	146
VKBA 1432	<b>KF 115</b>	154
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VKBA 1436	<b>KV 177</b>	158
VKBA 1437	<b>KV 178</b>	160
VKBA 1438	<b>KF 165</b>	158
VKBA 1439	<b>KF 166</b>	158
VKBA 1440	<b>KV 164</b>	158
VKBA 1441	<b>KV 218</b>	162
VKBA 1442	<b>KF 161</b>	158
VKBA 1443	<b>KV 544</b>	182
VKBA 1444	<b>KA 079</b>	152
VKBA 1445	<b>KA 058</b>	150
VKBA 1446	<b>KA 058</b>	150
VKBA 1447	<b>KF 094</b>	152
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VKBA 1465	<b>KA 085</b>	152
VKBA 1466	<b>KF 453</b>	178
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VKBA 1470	<b>KA 126</b>	154
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VKBA 1956	<b>KA 186</b>	160
VKBA 1964	<b>KA 067</b>	150
VKBA 1965	<b>KA 067</b>	150
VKBA 1966	<b>KC 174</b>	158
VKBA 1970	<b>KF 121</b>	154
VKBA 1971	<b>KC 265</b>	166
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VKBA 1978	<b>KA 061</b>	150
VKBA 1985	<b>KA 404</b>	174
VKBA 1992	<b>KA 545</b>	182
VKBA 1999	<b>KF 128</b>	154
VKBA 3201	<b>KF 130</b>	156
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VKBA 3206	<b>KA 266</b>	166
VKBA 3216	<b>KF 310</b>	170
VKBA 3218	<b>KV 228</b>	162
VKBA 3219	<b>KB 062</b>	150
VKBA 3220	<b>KC 419</b>	176
VKBA 3222	<b>KV 503</b>	180
VKBA 3225	<b>KV 267</b>	166
VKBA 3234	<b>KV 451</b>	178
VKBA 3235	<b>KB 443</b>	176
VKBA 3236	<b>KB 416</b>	176
VKBA 3237	<b>KF 316</b>	170
VKBA 3245	<b>KF 304</b>	168
VKBA 3246	<b>KF 102</b>	152
VKBA 3250	<b>KV 229</b>	164
VKBA 3255	<b>KA 007</b>	146
VKBA 3256	<b>KF 133</b>	156
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VKBA 3266	<b>KV 230</b>	164
VKBA 3267	<b>KV 231</b>	164
VKBA 3269	<b>KV 531</b>	182
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VKBA 3272	<b>KF 381</b>	174
VKBA 3279	<b>KV 489</b>	180

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VKBA 3305	<b>KV 120</b>	154
VKBA 3307	<b>KV 490</b>	180
VKBA 3308	<b>KF 466</b>	178
VKBA 3309	<b>KF 119</b>	154
VKBA 3311	<b>KB 318</b>	170
VKBA 3319	<b>KA 035</b>	148
VKBA 3321	<b>KA 268</b>	166
VKBA 3325	<b>KB 491</b>	180
VKBA 3326	<b>KV 122</b>	154
VKBA 3327	<b>KV 123</b>	154
VKBA 3331	<b>KA 430</b>	176
VKBA 3401	<b>KV 514</b>	180
VKBA 3403	<b>KF 137</b>	156
VKBA 3404	<b>KA 033</b>	148
VKBA 3405	<b>KA 032</b>	148
VKBA 3406	<b>KF 233</b>	164
VKBA 3407	<b>KA 269</b>	166
VKBA 3408	<b>KF 158</b>	158
VKBA 3409	<b>KV 202</b>	160
VKBA 3410	<b>KF 138</b>	156
VKBA 3412	<b>KF 504</b>	180
VKBA 3413	<b>KF 270</b>	166
VKBA 3414	<b>KF 168</b>	158
VKBA 3415	<b>KV 271</b>	166
VKBA 3416	<b>KF 167</b>	158
VKBA 3418	<b>KV 234</b>	164
VKBA 3420	<b>KA 052</b>	148
VKBA 3421	<b>KA 053</b>	150
VKBA 3422	<b>KV 235</b>	164
VKBA 3423	<b>KF 113</b>	154
VKBA 3424	<b>KV 236</b>	164
VKBA 3426	<b>KA 515</b>	182
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VKBA 3428	<b>KA 272</b>	166
VKBA 3429	<b>KA 013</b>	146
VKBA 3430	<b>KA 080</b>	152
VKBA 3434	<b>KA 273</b>	166
VKBA 3435	<b>KB 422</b>	176
VKBA 3440	<b>KV 546</b>	182
VKBA 3441	<b>KF 159</b>	158
VKBA 3442	<b>KV 237</b>	164
VKBA 3443	<b>KF 516</b>	182
VKBA 3444	<b>KV 238</b>	164
VKBA 3445	<b>KV 239</b>	164
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VKBA 3447	<b>KF 274</b>	166
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VKBA 3452	<b>KF 348</b>	172
VKBA 3455	<b>KF 184</b>	160
VKBA 3456	<b>KV 194</b>	160
VKBA 3457	<b>KV 457</b>	178
VKBA 3458	<b>KV 242</b>	164
VKBA 3459	<b>KV 547</b>	182
VKBA 3460	<b>KV 505</b>	180
VKBA 3461	<b>KF 101</b>	152
VKBA 3468	<b>KV 243</b>	164
VKBA 3469	<b>KV 244</b>	164
VKBA 3472	<b>KA 533</b>	182
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VKBA 3477	<b>KV 114</b>	154
VKBA 3480	<b>KV 275</b>	166
VKBA 3486	<b>KF 127</b>	154
VKBA 3488	<b>KV 245</b>	164
VKBA 3489	<b>KV 276</b>	166
VKBA 3490	<b>KF 313</b>	170
VKBA 3491	<b>KV 246</b>	164
VKBA 3492	<b>KF 277</b>	166
VKBA 3495	<b>KF 195</b>	160
VKBA 3496	<b>KB 192</b>	160
VKBA 3497	<b>KV 440</b>	176
VKBA 3499	<b>KF 303</b>	168
VKBA 3500	<b>KB 278</b>	166
VKBA 3501	<b>KB 402</b>	174
VKBA 3502	<b>KV 411</b>	176
VKBA 3503	<b>KV 377</b>	174
VKBA 3504	<b>KF 312</b>	170
VKBA 3510	<b>KV 196</b>	160
VKBA 3511	<b>KV 198</b>	160
VKBA 3512	<b>KV 247</b>	164
VKBA 3513	<b>KV 199</b>	160
VKBA 3514	<b>KV 279</b>	168
VKBA 3515	<b>KV 279</b>	168
VKBA 3519	<b>KA 248</b>	164
VKBA 3520	<b>KF 450</b>	178
VKBA 3521	<b>KB 345</b>	172
VKBA 3522	<b>KF 280</b>	168
VKBA 3523	<b>KV 467</b>	178
VKBA 3524	<b>KV 478</b>	178
VKBA 3525	<b>KB 193</b>	160
VKBA 3526	<b>KV 249</b>	164
VKBA 3527	<b>KF 441</b>	176
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VKBA 3540	<b>KV 251</b>	164
VKBA 3541	<b>KV 534</b>	182
VKBA 3542	<b>KV 492</b>	180
VKBA 3543	<b>KF 433</b>	176
VKBA 3545	<b>KV 459</b>	178
VKBA 3546	<b>KV 305</b>	168
VKBA 3548	<b>KV 284</b>	168
VKBA 3550	<b>KV 285</b>	168
VKBA 3551	<b>KB 356</b>	172
VKBA 3552	<b>KB 362</b>	172
VKBA 3553	<b>F 300006</b>	138
VKBA 3554	<b>KF 145</b>	156
VKBA 3555	<b>KV 252</b>	166
VKBA 3556	<b>KB 078</b>	152
VKBA 3561	<b>KV 535</b>	182
VKBA 3562	<b>KV 403</b>	174
VKBA 3567	<b>KV 286</b>	168
VKBA 3568	<b>KV 518</b>	182
VKBA 3569	<b>KV 287</b>	168
VKBA 3570	<b>KV 420</b>	176
VKBA 3571	<b>KF 342</b>	172
VKBA 3572	<b>KF 341</b>	170
VKBA 3574	<b>KF 378</b>	174
VKBA 3575	<b>KF 329</b>	170
VKBA 3576	<b>KV 328</b>	170
VKBA 3577	<b>KF 288</b>	168
VKBA 3578	<b>KF 536</b>	182
VKBA 3580	<b>KV 398</b>	174
VKBA 3581	<b>KF 283</b>	168
VKBA 3583	<b>KV 409</b>	174
VKBA 3584	<b>KF 289</b>	168
VKBA 3585	<b>KV 290</b>	168
VKBA 3587	<b>KV 114</b>	154
VKBA 3588	<b>KV 291</b>	168
VKBA 3589	<b>KV 325</b>	170
VKBA 3590	<b>KV 326</b>	170
VKBA 3592	<b>KV 460</b>	178
VKBA 3594	<b>KV 445</b>	178
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VKBA 3617	<b>KB 339</b>	170
VKBA 3618	<b>KF 340</b>	170
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VKBA 3624	<b>KV 336</b>	170
VKBA 3625	<b>KF 549</b>	182
VKBA 3627	<b>KV 401</b>	174
VKBA 3628	<b>KF 300</b>	168
VKBA 3632	<b>KV 480</b>	180
VKBA 3633	<b>KF 434</b>	176
VKBA 3635	<b>KV 294</b>	168
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VKBA 3655	<b>KV 324</b>	170
VKBA 3656	<b>KV 358</b>	172
VKBA 3657	<b>KF 354</b>	172
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VKBA 3660	<b>KV 322</b>	170
VKBA 3661	<b>KV 386</b>	174
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VKBA 3665	<b>KV 105</b>	154
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VKBA 3689	<b>KB 390</b>	174
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VKBA 3970	<b>KC 522</b>	182
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VKBA 6525	<b>KV 387</b>	174
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VKBA 6544	<b>KB 369</b>	172
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VKBA 6548	<b>KV 511</b>	180
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VKBA 6550	<b>KF 461</b>	178
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VKBA 6623	<b>KV 486</b>	180
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VKBA 6931	<b>KF 475</b>	178
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R 152.44	<b>KV 221</b>	162
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R 152.55	<b>KF 282</b>	168
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R 153.38	<b>KV 337</b>	170
R 153.39	<b>KF 292</b>	168
R 153.40	<b>KV 343</b>	172
R 153.41	<b>KV 336</b>	170
R 153.42	<b>KA 404</b>	174
R 153.43	<b>KV 335</b>	170
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NP 390444 / NP 750997	<b>F 15198</b>	42
NP 417384 / Y30206M	<b>F 15313</b>	38
NP 457202	<b>CONE F 15131</b>	48
NP 478770	<b>CONE F 15328</b>	48
NP 550563 / NP 546683	<b>F 15114</b>	34
NP 569484 / NP 644537	<b>F 15252</b>	36
NP725688 / NP560412	<b>F 15291</b>	38
NP 765903 / NP 919474	<b>F 15311</b>	42
NP 806712 / NP 326808	<b>F 15312</b>	42
NP 854792 / NP 430273	<b>F 15315</b>	38
NP 868033 / NP 666556	<b>F 15316</b>	38
NP 881387 / NP 304907	<b>F 15265</b>	42
NP 927527	<b>CONE F 15327</b>	48
NP 988748 / NP 247732	<b>F 15133</b>	34
SET 1	<b>LM 11749 / LM 11710</b>	20
SET 2	<b>LM 11949 / LM 11910</b>	20

OEM	Fersa	PAG.
SET 3	<b>M 12649 / M 12610</b>	21
SET 4	<b>L 44649 / L 44610</b>	25
SET 5	<b>LM 48548 / LM 48510</b>	26
SET 6	<b>LM 67048 / LM 67010</b>	27
SET 8	<b>L 45449 / L 45410</b>	26
SET 9	<b>U 298 / U 261 L + COLLAR</b>	44
SET 10	<b>U 399 / U 360 L + COLLAR</b>	44
SET 11	<b>JL 69349 / JL 69310</b>	27
SET 12	<b>LM 12749 / LM 12710</b>	21
SET 13	<b>L 68149 / L 68110</b>	27
SET 14	<b>L 44643 / L 44610</b>	25
SET 15	<b>07100 / 07196</b>	20
SET 16	<b>LM 12749 / LM 12711</b>	21
SET 17	<b>L 68149 / L 68111</b>	27
SET 20	<b>U 399 / U 365 L + COLLAR</b>	44
SET 21	<b>1988 / 1922</b>	17
SET 24	<b>JL 68145 / JL 68111 Z</b>	27
SET 26	<b>JLM 104946 / JLM 104910</b>	28
SET 28	<b>J 15585 / 15520</b>	22
SET 34	<b>LM 12748 / LM 12710</b>	21
SET 36	<b>LM 603049 / LM 603012</b>	29
SET 37	<b>LM 603049 / LM 603011</b>	29
SET 38	<b>LM 104949 / LM 104911</b>	28
SET 42	<b>JLM 506849 A / JLM 506811</b>	29
SET 43	<b>15123 / 15245</b>	22
SET 45	<b>LM 501349 / LM 501310</b>	29
SET 46	<b>JL 26749 F / JL 26710</b>	23
SET 47	<b>LM 102949 / LM 102910</b>	28
SET 50	<b>02872 / 02820</b>	20
SET 51	<b>15106 / 15245</b>	22
SET 52	<b>25580 / 25520</b>	23
SET 53	<b>25580 / 25523</b>	23
SET 54	<b>25590 / 25520</b>	23
SET 55	<b>25590 / 25523</b>	23
SET 56	<b>LM 29748 / LM 29710</b>	24
SET 57	<b>31594 / 31520</b>	24
SET 61	<b>11590 / 11520</b>	20
SET 62	<b>17887 / 17831</b>	22
SET 63	<b>M 88048 / M 88010</b>	28
SET 64	<b>HM 903249 / HM 903210</b>	31
SET 65	<b>M 86647 / M 86610</b>	27
SET 66	<b>368 S / 362</b>	14
SET 67	<b>HM 88649 / HM 88610</b>	28
SET 68	<b>497 / 493</b>	15
SET 69	<b>LM 501349 / LM 501314</b>	29
SET 70	<b>LM 29749 / LM 29710</b>	24
SET 73	<b>15101 / 15245</b>	22
SET 74	<b>387 A / 382 A</b>	14
SET 75	<b>387 A / 382 S</b>	14
SET 76	<b>387 AS / 382 A</b>	14

# 11.3 \ Cross references

## Cruces de referencias

OEM	Fersa	PAG.
<b>TIMKEN</b>		
SET 77	388 A/382	15
SET 78	55200 C/55437	26
SET 79	56425/56650	26
SET 80	U 497/U 460 L + COLLAR	44
SET 81	HM 88542/HM 88510	28
SET 82	LM 104949/JLM 104910	28
SET 83	HM 803149/HM 803110	30
SET 84	HM 807040/HM 807010	30
SET 85	25880/25820	23
SET 95	2580/2523	18
SET 98	3984/3920	19
SET 101	4 A/6	14
SET 102	3585/3525	18
SET 103	3982/3920	19
SET 105	33287/33462	25
SET 106	LM 78349/LM 78310 A	27
SET 107	JLM 104948/JLM 104910	28
SET 108	JHM 807045/JHM 807012	30
SET 109	683/672	17
SET 110	6379/6320	19
SET 111	48290/48220	26
SET 113	HM 215249/HM 215210	29
SET 114	H 212749/H 212710	28
SET 115	JH 415647/JH 415610	29
SET 117	64450/64700	26
SET 118	JLM 506849/JLM 506810	29
SET 121	18790/18720	22
SET 122	25580/25522	23
SET 123	3780/3720	18
SET 124	6580/6535	20
SET 201	368 A/362 A	14
SET 205	469/453 X	15
SET 210	527/522	16
SET 212	537/532 X	16
SET 215	575/572 X	16
SET 216	594/592 A	16
SET 226	1380/1328	17
SET 229	2780/2720	18
SET 230	2788/2720	18
SET 238	JF 4049/JF 4010	19
SET 240	JW 5049/JW 5010	19
SET 241	6386/6320	19
SET 243	JD 6549/JD 6510	19
SET 244	JF 7049 A/JF 7010	20
SET 251	15103 S/15243	22
SET 252	15106/15250 X	22
SET 253	18590/18520	22
SET 260	25877/25821	23
SET 262	27687/27620	24

OEM	Fersa	PAG.
SET 263	28580/28521	24
SET 267	29685/29620	24
SET 268	LM 29749/LM 29711	24
SET 271	33889/33822	25
SET 272	33895/33822	25
SET 276	39580/39520	25
SET 278	39581/39520	25
SET 279	39585/39520	25
SET 281	42381/42584	25
SET 289	52400/52618	26
SET 293	55200 C/55437	26
SET 304	72212 C/72487	27
SET 307	09074/09194	20
SET 308	M 84548/M 84510	27
SET 309	M 86649/M 86610	28
SET 312	HM 89449/HM 89410	28
SET 315	JM 205149/JM 205110	28
SET 317	HM 220149/HM 220110	29
SET 318	LM 300849/LM 300811	29
SET 320	JLM 508748/JLM 508710	29
SET 321	25877/25820	23
SET 323	JHM 522649/JHM 522610	29
SET 324	JLM 714149/JLM 714110	30
SET 325	JM 714249/JM 714210	30
SET 328	M 802048/M 802011	30
SET 330	HM 803146/HM 803110	30
SET 336	JL 819349/JL 819310	31
SET 339	HM 911245/HM 911210	31
SET 340	H 913842/H 913810	31
SET 341	H 913843/H 913810	31
SET 342	JLM 710949 C/JLM 710910	30
SET 349	567/563	16
SET 354	15103 S/15245	22
SET 355	15579 X/15520	22
SET 357	28584/28521	24
SET 361	JM 716649/JM 716610	30
SET 362	02474/02420	20
SET 363	55175 C/55437	26
SET 365	395 A/394 A	15
SET 401	580/572	16
SET 403	594 A/592 A	16
SET 404	598 A/592 A	16
SET 405	663/653	17
SET 406	3782/3720	18
SET 407	28682/28622	24
SET 408	39590/39520	25
SET 410	45284/45220	25
SET 411	47686/47620	26
SET 412	HM 212047/HM 212011	28
SET 413	HM 212049/HM 212011	28



OEM	Fersa	PAG.
<b>TIMKEN</b>		
SET 414	<b>HM 218248/HM 218210</b>	29
SET 415	<b>HM 518445/HM 518410</b>	29
SET 417	<b>47890/47820</b>	26
SET 418	<b>H 715334/H 715311</b>	30
SET 419	<b>H 715343/H 715311</b>	30
SET 420	<b>H 715345/H 715311</b>	30
SET 422	<b>HM 516449 C/HM 516410</b>	29
SET 424	<b>555 S/552 A</b>	16
SET 425	<b>567/563</b>	16
SET 430	<b>580/572</b>	16
SET 431	<b>HM 218248/HM 218210</b>	29
SET 508	<b>687/672</b>	17
SET 928	<b>47490/47420</b>	26
SET 929	<b>759/752</b>	17
SET 1010	<b>27690/27620</b>	24
SET 1015	<b>30206 F</b>	8
SET 1016	<b>30207 F</b>	8
SET 1017	<b>30208 F</b>	8
SET 1018	<b>30209 F</b>	8
SET 1019	<b>30210 F</b>	8
SET 1020	<b>30212 F</b>	8
SET 1021	<b>30214 F</b>	8
SET 1022	<b>30216 F</b>	8
SET 1023	<b>30217 F</b>	8
SET 1024	<b>30218 F</b>	8
SET 1025	<b>30220 F</b>	8
SET 1026	<b>30221 F</b>	8
SET 1029	<b>30306 F</b>	8
SET 1030	<b>30307 F</b>	8
SET 1031	<b>30309 F</b>	9
SET 1032	<b>30312 F</b>	9
SET 1033	<b>30313 F</b>	9
SET 1034	<b>30314 F</b>	9
SET 1035	<b>31312 F</b>	9
SET 1040	<b>32010 XF</b>	10
SET 1041	<b>32011 XF</b>	10
SET 1042	<b>32012 XF</b>	10
SET 1043	<b>32013 XF</b>	10
SET 1044	<b>32014 XF</b>	10
SET 1045	<b>32015 XF</b>	10
SET 1046	<b>32016 XF</b>	10
SET 1047	<b>32017 XF</b>	10
SET 1049	<b>32019 XF</b>	10
SET 1050	<b>32020 XF</b>	10
SET 1052	<b>32022 XF</b>	10
SET 1053	<b>32024 XF</b>	10
SET 1058	<b>32209 F</b>	10
SET 1060	<b>32211 F</b>	11
SET 1061	<b>32212 F</b>	11

OEM	Fersa	PAG.
SET 1062	<b>32213 F</b>	11
SET 1063	<b>32214 F</b>	11
SET 1064	<b>32215 F</b>	11
SET 1065	<b>32216 F</b>	11
SET 1066	<b>32217 F</b>	11
SET 1067	<b>32218 F</b>	11
SET 1068	<b>32219 F</b>	11
SET 1069	<b>32220 F</b>	11
SET 1070	<b>32221 F</b>	11
SET 1072	<b>32304 F</b>	11
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SET 1078	<b>32309 F</b>	11
SET 1079	<b>32310 F</b>	11
SET 1080	<b>32311 F</b>	11
SET 1081	<b>32312 F</b>	11
SET 1082	<b>32313 F</b>	12
SET 1083	<b>32314 F</b>	12
SET 1084	<b>32316 F</b>	12
SET 1085	<b>32924 F</b>	12
SET 1086	<b>33011 F</b>	12
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SET 1088	<b>33014 F</b>	12
SET 1089	<b>33015 F</b>	12
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SET 1091	<b>33019 F</b>	12
SET 1092	<b>33020 F</b>	12
SET 1093	<b>33021 F</b>	12
SET 1094	<b>33022 F</b>	12
SET 1095	<b>33024 F</b>	12
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SET 1098	<b>33111 F</b>	13
SET 1099	<b>33112 F</b>	13
SET 1100	<b>33113 F</b>	13
SET 1101	<b>33115 F</b>	13
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SET 1110	<b>33210 F</b>	13
SET 1111	<b>33211 F</b>	13
SET 1112	<b>33212 F</b>	13
SET 1113	<b>33213 F</b>	13
SET 1114	<b>33214 F</b>	13
SET 1115	<b>33215 F</b>	13





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