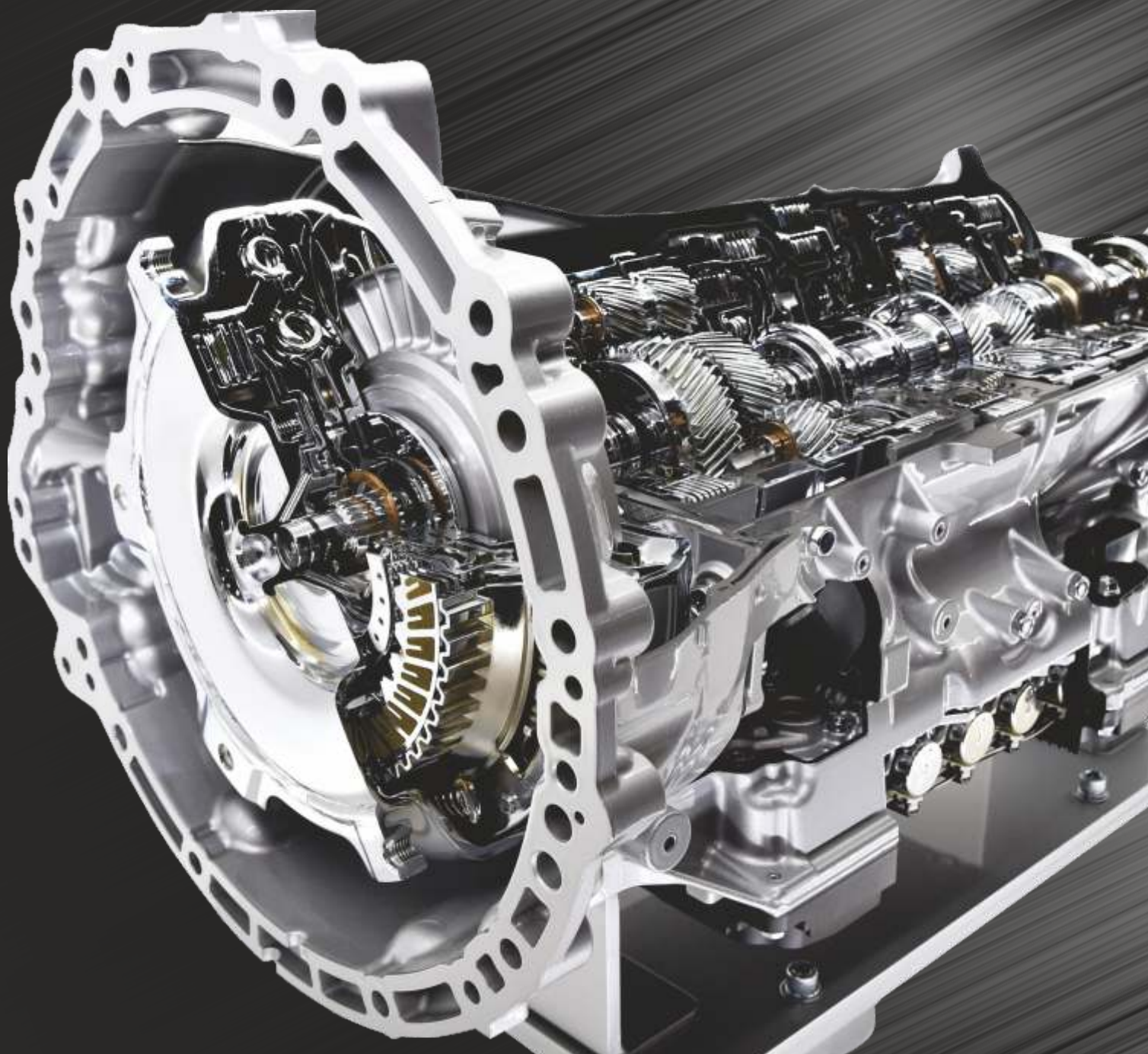


KINERGO®

CATALOGUE 2023

SPARE PARTS





Friction Linings	4
Clutch Plates	12
Seal rings	26
Seals	35
Hubs	37
Sprags	39
Bearings	42





Stator Caps	44
Springs and spring caps	45
Bushings	46
Rivets	46
Tooling and adapters for 722.9 7G-TRONIC	47
Washers	47
Repair Spacers	47



1. FRICTION LININGS

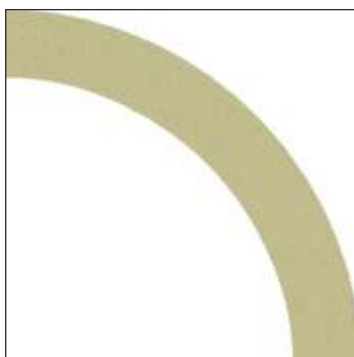
Materials for KINERGO® linings

Senar (S3)



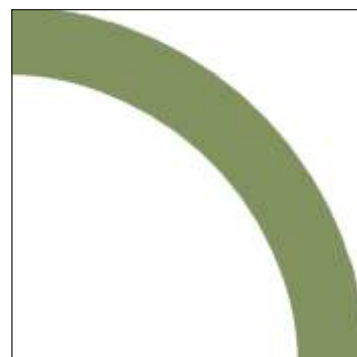
1.1 mm
1.7 mm

Vipex (V5)



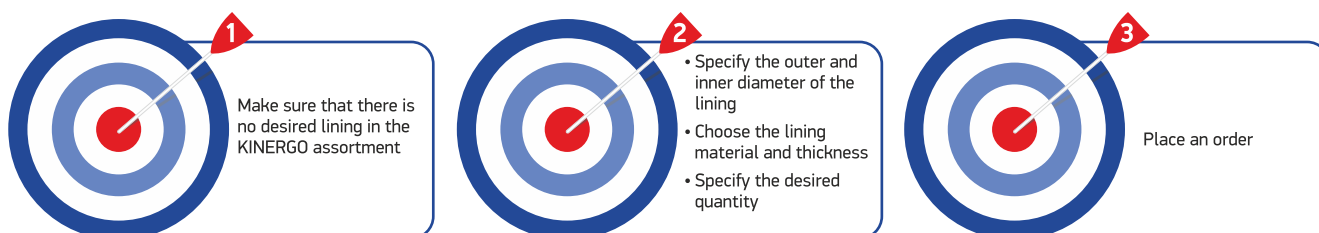
1.1 mm

Fabor (F1)

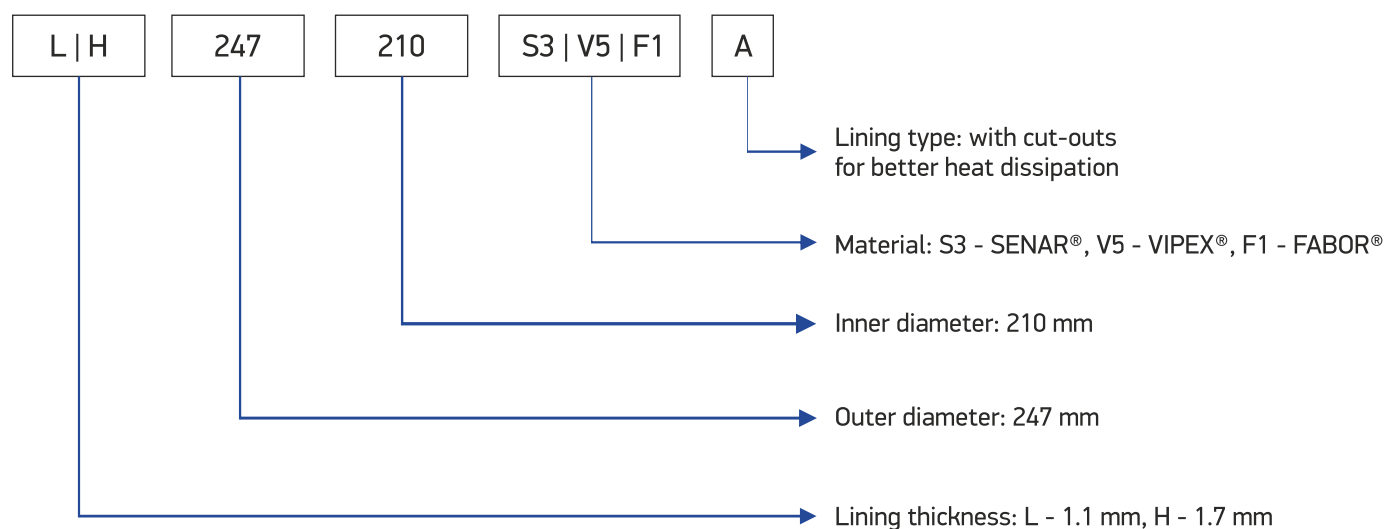


1.1 mm
1.7 mm

PRODUCTION OF FRICTION LININGS FOR ORDER. 3 SIMPLE STEPS

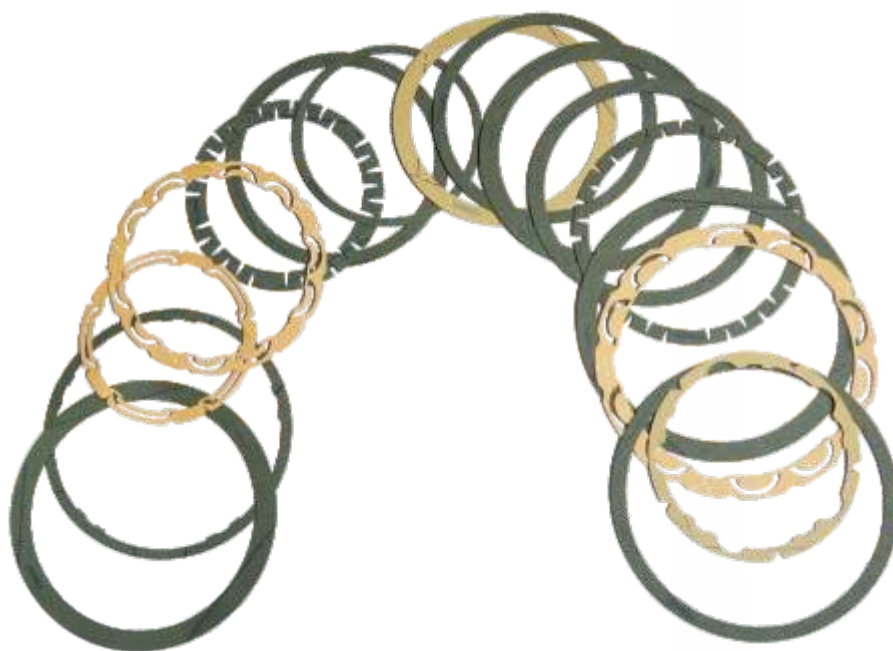


THE PRINCIPLE OF KINERGO® FRICTION LINING ARTICLE FORMATION:



Example: L247210S3A. Lining thickness - 1.1 mm, outer diameter - 247 mm, inner diameter 210 mm, lining material - SENAR®, lining type - cut-outs.

LININGS ASSORTMENT



Reminder!

If you have not found a suitable lining size, we are ready to produce the lining upon your order.

To do this, contact our managers - sales@kinergo.us and send us a request.

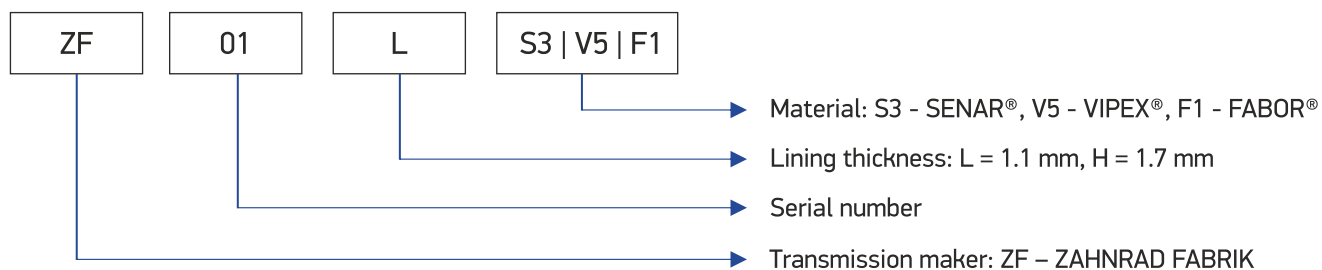
Transmission Maker	Application	The article of the lining depends on the material			O.D., mm	I.D., mm	Th., mm	Ref.:
AISIN AW	450-43LE	L279243S3 H279243S3	L279243V5	L279243F1 H279243F1	279	243	1.1 1.7	B45440 B66440
AISIN AW; GM; NISSAN/JATCO	55-50SN; RE5F22A; AF33	L257220S3 H257220S3	L257220V5	L257220F1 H257220F1	257	220	1.1 1.7	
AISIN AW; HYUNDAI/KIA; TOYOTA/LEXUS; VW/AUDI	A4CF1, A4CF2; U250E; A540E; A960E/960F; TB-65SN; TF-60SN; 09G	L237200S3 H237200S3	L237200V5	L237200F1 H237200F1 H237200F1A	237	200	1.1 1.7	B45520 B66520
AISIN AW; TOYOTA/LEXUS	80-40LE/81-40LE; U440E	L203185S3 H203185S3	L203185V5	L203185F1 H203185F1	203	185	1.1 1.7	B45640
AISIN AW; TOYOTA/LEXUS; VW/AUDI	A440L; A442F; A750E; U140E; TR-60SN; 09D	L267229S3 H267229S3	L267229V5	L267229F1 H267229F1 H267229F1A	267	229	1.1 1.7	B45260 B66250
ALLISON	1000/2000/2400, 2006 Later; 1000/2000/2400, 2006 Early	L313260S3 H313260S3	L313260V5	L313260F1 H313260F1	313	260	1.1 1.7	B45360 B66350
ALLISON	LCT 1000 Captive Clutch	L285257S3 H285257S3	L285257V5	L285257F1 H285257F1	285	257	1.1 1.7	B45580
BTR/SSANG YONG/DSI	M85 (85LE); M91 (91LE); M93 (93LE); M95 (95LE); M97 (97LE); M74 (74LE)	L267219S3 H267219S3	L267219V5	L267219F1 H267219F1	267	219	1.1 1.7	B45030 B66030
CHRYSLER; BORG WARNER	A618, 47RH, 47RE, 48RE (BW 310 mm LU)	L320271S3 H320271S3	L320271V5	L320271F1 H320271F1	320	271	1.1 1.7	
CHRYSLER; BORG WARNER	A618, 47RH, 47RE, 48RE (BW 310 mm LU)	L318273S3 H318273S3	L318273V5	L318273F1 H318273F1	318	273	1.1 1.7	B45230 B66230
CHRYSLER	68RFE	L296257S3 H296257S3	L296257V5	L296257F1 H296257F1	296	257	1.1 1.7	
CHRYSLER	66RFE	L286250S3 H286250S3	L286250V5	L286250F1 H286250F1	286	250	1.1 1.7	B45066 B66066
CHRYSLER	10-3/4" LU, Early (A904, TF6, A727, TF8); 10-3/4" LU, Late (A500, A518)	L273235S3 H273235S3	L273235V5	L273235F1 H273235F1	273	235	1.1 1.7	
CHRYSLER	10-3/4" LU, Early (A904, TF6, A727, TF8); 10-3/4" LU, Late (A500, A518)	L273232S3 H273232S3	L273232V5	L273232F1 H273232F1 H273232F1A	273	232	1.1 1.7	B45180 B66180
CHRYSLER	45RFE, 545RFE	L267233S3 H267233S3	L267233V5	L267233F1 H267233F1	267	233	1.1 1.7	B66500
CHRYSLER	10" LU (A606, 42LE)	L262222S3 H262222S3	L262222V5	L262222F1 H262222F1	262	222	1.1 1.7	
CHRYSLER	10-3/4" LU, Early (A904, TF6, A727, TF8)	L252201S3 H252201S3	L252201V5	L252201F1 H252201F1	252	201	1.1 1.7	B45205 B66205
CHRYSLER	9-1/2" LU (A413, A470, A670, A604)	L244203S3 H244203S3	L244203V5	L244203F1 H244203F1	244	203	1.1 1.7	
CHRYSLER	9-1/2" LU (A413, A470, A670, A604)	L244194S3 H244194S3	L244194V5	L244194F1 H244194F1	244	194	1.1 1.7	B45210 B66210
CHRYSLER	10" LU (A606, 42LE)	L232202S3 H232202S3	L232202V5	L232202F1 H232202F1	232	202	1.1 1.7	B45225 B66225
CHRYSLER	9-1/2" LU (A470, A670, A604)	L232197S3 H232197S3	L232197V5	L232197F1 H232197F1	232	197	1.1 1.7	B45220 B66220
CHRYSLER; BORG WARNER	A618, 47RH, 47RE, 48RE (BW 310mm LU)	L320271S3 H320271S3	L320271V5	L320271F1 H320271F1	320	271	1.1 1.7	

Transmission Maker	Application	The article of the lining depends on the material			O.D., mm	I.D., mm	Th., mm	Ref.:
CHRYSLER; AISIN AW; TOYOTA/LEXUS; GM	10" LU (A606, 42LE); 55-50SN; AF33; RE5F22A; A440F	L260219S3 H260219S3	L260219V5	L260219F1 L260219F1A H260219F1 H260219F1A	260	219	1.1 1.7	B45280 B66280
CHRYSLER; FORD; HYUNDAI/KIA; AISIN AW; BTR/SSANG YONG/DSI	A4LD Multi-Plate; AF21; TF-81SC; A6MF1; A6MF2; A6F24; M11 (DSI)	L238206S3 L238206S3A H238206S3 H238206S3A	L238206V5	L238206F1 L238206F1A H238206F1 H238206F1A	238	206	1.1 1.7	B45100 B66100
CHRYSLER; FORD; NISSAN/JATCO	10-3/4" LU, Early (A904, TF6, A727, TF8); 10-3/4" LU, Late (A500, A518); RE4R03A, 250mm; AODE, 4R70W, 4R75W	L268235S3 H268235S3	L268235V5	L268235F1 H268235F1	268	235	1,1 1,7	B45190 B66190
CHRYSLER; HONDA/ACURA; AISIN AW; FORD	10" (A604, A606, 41TE, 42LE); 62TE; B7TA, B7VA, B7YA; TF-81SC; AF21	L254222S3 L254222S3A H254222S3	L254222V5	L254222F1 H254222F1 H254222F1A	254	222	1.1 1.7	B45200 B66200
CHRYSLER; ZF	ZF9HP48; 948TE	L260225S3 H260225S3	L260225V5	L260225F1 L260225F1A H260225F1 H260225F1A	260	225	1.1 1.7	B45285 B66285
FORD	E4OD	L292254S3 H292254S3	L292254V5	L292254F1 H292254F1	292	254	1,1 1,7	B45010 B66010
FORD	AODE, 4R70W, 4R75W	L286254S3 H286254S3	L286254V5	L286254F1 H286254F1	286	254	1,1 1,7	B45551 B66551
FORD; ZF	Various Applications	L286246S3 H286246S3	L286246V5	L286246F1 H286246F1	286	246	1,1 1,7	B45410
FORD	4R100; 5R110W, 6-Stud	L275249S3 H275249S3	L275249V5	L275249F1 H275249F1	275	249	1,1 1,7	
FORD	6R80 280mm, Late	L264234S3 H264234S3	L264234V5	L264234F1 H264234F1	264	234	1,1 1,7	B45955
FORD	5R110W, 8-Stud	L259227S3 H259227S3	L259227V5	L259227F1 H259227F1	259	227	1,1 1,7	B45945
FORD	AXOD, AXODE; CD4E 9-1/4" & 10-1/4"	L248206S3 H248206S3	L248206V5	L248206F1 H248206F1	248	206	1,1 1,7	B45080 B66080
FORD	4R55E; AXOD, AXODE; A4LD	L246210S3 H246210S3	L246210V5	L246210F1 H246210F1	246	210	1,1 1,7	B45380
FORD	4F50N (AX4N); 5R55N, 5R55S, 5R55W	L229191S3 H229191S3	L229191V5	L229191F1 H229191F1	229	191	1,1 1,7	B66570
FORD	5R55N, 5R55S, 5R55W	L210185S3 H210185S3	L210185V5	L210185F1 H210185F1	210	185	1,1 1,7	
FORD	6R60; 6R75W	L205176S3 L205176S3A H205176S3	L205176V5	L205176F1 L205176F1A H205176F1 H205176F1A	205	176	1.1 1.7	B45606 B66606
FORD; GM	298mm LU (TH250C, TH350C, TH200-4R, TH700-R4, 4L60, 4L60E); 280mm LU (4L60E) VJXC; 300mm LU (4L60E); 4R100; 5R110W, 6-Stud	L283254S3 H283254S3	L283254V5	L283254F1 H283254F1	283	254	1,1 1,7	B45250 B66250
FORD; GM	6F50/6F55; 6T70/6T75	L259234S3 H259234S3	L259234V5	L259234F1 H259234F1	259	234	1,1 1,7	B45930 B66930
FORD; GM; HONDA/ACURA	6F50/6F55; 6T70/6T75	L261235S3 H261235S3	L261235V5	L261235F1 H261235F1	261	235	1,1 1,7	B45930 B66930
FORD; GM; HONDA/ACURA	6L90 Captive Clutch; MPYA	L258227S3 H258227S3	L258227V5	L258227F1 H258227F1	258	227	1,1 1,7	B45960 B66960
FORD; GM; HONDA/ACURA; MAZDA; VW/AUDI; SUBARU	096 LU (01M); 097, 098 (01N, 01P); 4F27E (Focus); 4EAT-G; FN4A-EL; G4A-EL; G4A-EL, Late	L241216S3 H241216S3	L241216V5	L241216F1 H241216F1	241	216	1,1 1,7	B45090 B66090
FORD; HONDA/ACURA; MAZDA	FNR5 (5F27E, FS5A-EL); Honda LU (HO-12)	L254229S3 H254229S3	L254229V5	L254229F1 H254229F1	254	229	1,1 1,7	B45370 B66370
FORD; HONDA/ACURA; MAZDA; MITSUBISHI; NISSAN/JATCO	KM-175-5, KM- 177 (CT-12); AX4S, AX4N (4F50N); AXOD, AXODE; CD4E 9-1/4" & 10-1/4"; JF403; RL4F03A; 4EAT; 4EAT-F; G4A-HL	L235206S3 H235206S3	L235206V5	L235206F1 H235206F1	235	206	1,1 1,7	B45120 B66120
FORD; MITSUBISHI	6F35; F4A51/R4A51, F5A51/R5A51	L244213S3 H244213S3	L244213V5	L244213F1 H244213F1	244	213	1,1 1,7	B45290 B66290
FORD; TOYOTA/LEXUS; CHRYSLER	10" LU (A606, 42LE); A4LD; 4R55E; 4R55E, 5R55E, Late; A140; ZF6HP26, 260mm	L247210S3 H247210S3	L247210V5	L247210F1 L247210F1A H247210F1 H247210F1A	247	210	1.1 1.7	B45070 B66070
GM	9T50	GM01LS3	GM01LV5	GM01LF1	249	220.5	0.9	
GM	Various Applications	L300259S3 H300259S3	L300259V5	L300259F1 H300259F1	300	259	1,1 1,7	B45510 B66510
GM	4L80E Late (Single Stator)	L295264S3 H295264S3	L295264V5	L295264F1 H295264F1	295	264	1,1 1,7	B45084 B66084
GM	4L80E (Dual Stator); 4L80E Early (Single Stator); 4L80E Late (Single Stator)	L292260S3 H292260S3	L292260V5	L292260F1 H292260F1	292	260	1,1 1,7	B45240 B66240
GM	6L80, 6L80E, 6L90 (300mm)	L282250S3 H282250S3	L282250V5	L282250F1 H282250F1	282	250	1,1 1,7	B45750 B66750
GM	265mm LU (4T60E, 4T80E)	L264238S3 H264238S3	L264238V5	L264238F1 H264238F1	264	238	1,1 1,7	B45270 B66270
GM	6T40/6T45 (236mm)	L249217S3 H249217S3	L249217V5	L249217F1 H249217F1	249	217	1,1 1,7	B45680 B66680
GM	Saturn TAAT	L225205S3 H225205S3	L225205V5	L225205F1 H225205F1	225	205	1,1 1,7	B66140

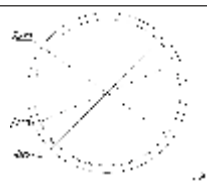
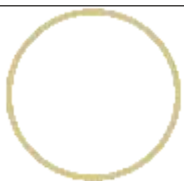
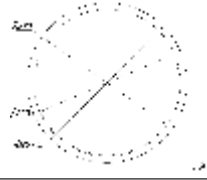
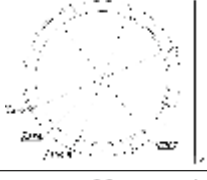
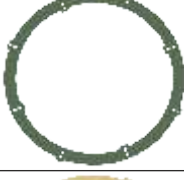
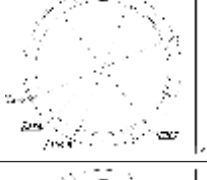
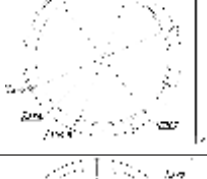
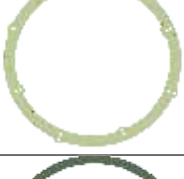
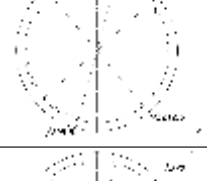
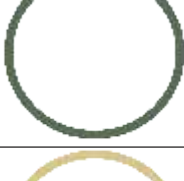
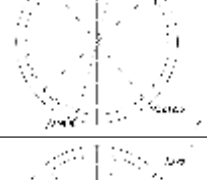
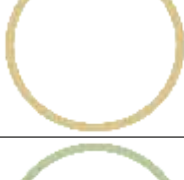
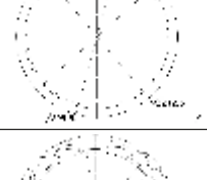
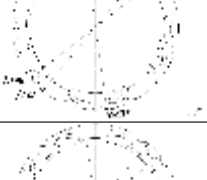
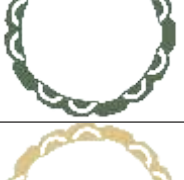
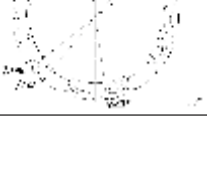
Transmission Maker	Application	The article of the lining depends on the material			O.D., mm	I.D., mm	Th., mm	Ref.:
GM	Saturn Vti-CVT	L222192S3 H222192S3	L222192V5	L222192F1 H222192F1	222	192	1,1 1,7	
GM; TOYOTA/LEXUS	6T30; A131L	L216184S3 H216184S3	L216184V5	L216184F1 H216184F1	216	184	1,1 1,7	B45360 B66360
GM	6L45 (310mm)	L207172S3 H207172S3	L207172V5	L207172F1 H207172F1	207	172	1,1 1,7	
GM; FORD	245mm LU (3T40, 3L30, TH125C, TH200C, 4T60E, TH440-R4, TH700-R4, 4L60, 4L60E, S-10 only); 4F50N (AX4N); 5R55N, 5R55S, 5R55W	L229197S3 H229197S3	L229197V5	L229197F1 H229197F1	229	197	1,1 1,7	B45320 B66320
GM; NISSAN/JATCO	245mm LU (3T40, 3L30, TH125C, TH200C, 4T60E, TH440-R4, TH700-R4, 4L60, 4L60E, S-10 only)	L229210S3 H229210S3	L229210V5	L229210F1 H229210F1	229	210	1,1 1,7	B45310 B66310
GM; NISSAN/JATCO	Saturn TAAT; L4N71B RWD; R4A-EL	L225203S3 H225203S3	L225203V5	L225203F1 H225203F1	225	203	1,1 1,7	B66130
GM; NISSAN/JATCO; ZF	258mm LU (4L60E, 5L40E); 258mm LU (4T65E); 245mm LU Euro (5L40-E); JF011E (RE0F10A); ZF4HP22; A999; ZF5HP19, Captive Clutch	L241210S3 L241210S3A H241210S3	L241210V5	L241210F1 L241210F1A H241210F1 H241210F1A	241	210	1.1 1.7	B45300 B45935 B66300 B45935
HONDA/ACURA	B7TA, B7VA, B7YA	L252225S3 H252225S3	L252225V5	L252225F1 H252225F1	252	225	1,1 1,7	B45450 B66450
HONDA/ACURA	Honda LU (H0-12); PY8A	L232206S3 H232206S3	L232206V5	L232206F1 H232206F1	232	206	1,1 1,7	B45540
HONDA/ACURA; ZF	AS; F4	L222197S3 H222197S3	L222197V5	L222197F1 H222197F1	222	197	1,1 1,7	B45150 B66150
HYUNDAI/KIA	A6MF1	L187157S3	L187157V5	L187157F1	187	157	1,1	
HYUNDAI/KIA	A6LF1, A6LF2, A6LF3 (Captive Clutch)			L215178F1	215	178	1,1	
HYUNDAI/KIA	A6LF1, A6LF2, A6LF3 (Captive Clutch)			L215182F1	215	182	1,1	
MERCEDES	722.8	L240209S3 H240209S3	L240209V5	L240209F1 H240209F1	240	209	1,1 1,7	B45590
MITSUBISHI	KM-175, KM-176; KM-176 (CT-11) KM-175-5, KM-177 (CT-12); KM-175-5, KM-177 (CT-12-1), Late	L235200S3 H235200S3	L235200V5	L235200F1 H235200F1	235	200	1,1 1,7	
MITSUBISHI; SUBARU; MAZDA	4EAT-G; KM-175; KM-176 (CT-11)	L229203S3 H229203S3	L229203V5	L229203F1 H229203F1	229	203	1,1 1,7	B45390 B66390
MITSUBISHI	F4A42	L237210S3 H237210S3	L237210V5	L237210F1 H237210F1	237	210	1,1 1,7	
NISSAN/JATCO	JR403E (RG4R01A); RE4R03A, 280mm	L273241S3 H273241S3	L273241V5	L273241F1 H273241F1	273	241	1,1 1,7	B45020 B66020
NISSAN/JATCO	RL4F02A (DA-11)	L248229S3 H248229S3	L248229V5	L248229F1 H248229F1	248	229	1,1 1,7	B45060 B66060
NISSAN/JATCO	JF015E (RE0F11A)	L220190S3 H220190S3	L220190V5	L220190F1 H220190F1	220	190	1,1 1,7	B45460 B66460
NISSAN/JATCO	L3N71B	L210181S3 H210181S3	L210181V5	L210181F1 H210181F1	210	181	1,1 1,7	B45160 B66160
NISSAN/JATCO	JF402E, JF405E (SR410, SR412, SR413)	L185155S3 H185155S3	L185155V5	L185155F1 H185155F1	185	155	1,1 1,7	
NISSAN/JATCO; ZF; GM	6L80 (258mm); 8L90; JF010E (RE0F09A); JF506E (with sensor ring); RE4F04A/V; RE4R01A; ZF4HP16	L251222S3 L251222S3A H251222S3	L251222V5	L251222F1 L251222F1A H251222F1 H251222F1A	251	222	1.1 1.7	B45050 B45950 B66050 B45950
NISSAN/JATCO; SUBARU	RE4R01A (SU-11); RL3F01A FWD; RL4F02A (DA-13)	L235211S3 H235211S3	L235211V5	L235211F1 H235211F1	235	211	1,1 1,7	B45110
RENAULT/PEUGEOT	DPO & AL4, 2005-Later	L201180S3 H201180S3	L201180V5	L201180F1 H201180F1	201	180	1,1 1,7	B45620
RENAULT/PEUGEOT	DPO & AL4, Early	L191170S3 H191170S3	L191170V5	L191170F1 H191170F1	191	170	1,1 1,7	B45420
TOYOTA/LEXUS	U660E	L259222S3 H259222S3	L259222V5	L259222F1 H259222F1	259	222	1,1 1,7	B45940 B66940
TOYOTA/LEXUS	A42DE/A42DL, A43DE/A43DL, A44DE/A44DL, A45DE/A45DL; A340H	L254210S3 H254210S3	L254210V5	L254210F1 H254210F1	254	210	1,1 1,7	B45040 B66040
TOYOTA/LEXUS; AISIN AW; HYUNDAI/KIA	A6GF1; U760E; TM-60LS	L226194S3 H226194S3	L226194V5	L226194F1 H226194F1 H226194F1A	226	194		B45970 B66970
ZF	ZF5HP24	L240213S3 H240213S3	L240213V5	L240213F1 H240213F1	240	213	1,1 1,7	
ZF	ZF5HP30	L257237S3 H257237S3	L257237V5	L257237F1 H257237F1	257	237	1,1 1,7	B66330
ZF	ZF4HP20	L254213S3 H254213S3	L254213V5	L254213F1 H254213F1	254	213	1,1 1,7	
ZF	ZF6HP19, 245mm	L232200S3 H232200S3	L232200V5	L232200F1 H232200F1	232	200	1,1 1,7	B45740
ZF	ZF6HP21, 245mm (LuK)	L210176S3 H210176S3	L210176V5	L210176F1 H210176F1	210	176	1,1 1,7	B45765
ZF; CHRYSLER; JATCO/NISSAN	ZF4HP22; A999; RL4F02A (DA-11)	L252229S3 H252229S3	L252229V5	L252229F1 H252229F1	252	229	1,1 1,7	
ZF	ZF6HP19, 245mm (LuK); ZF6HP21, 245mm (LuK)	L219186S3 H219186S3 H219186S3A	L219186V5	L219186F1 H219186F1 H219186F1A	219	186	1,1 1,7	B45760

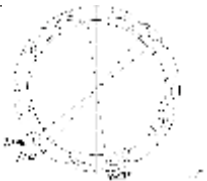
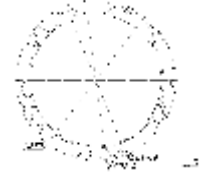
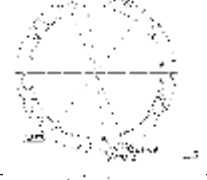
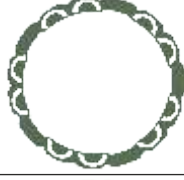
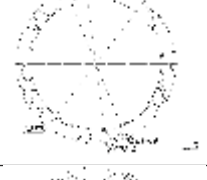
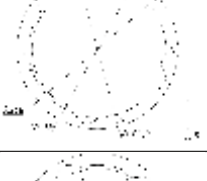
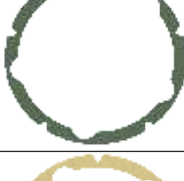
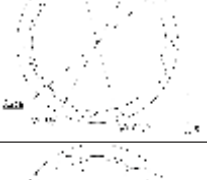
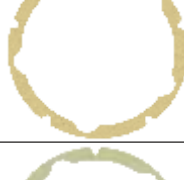
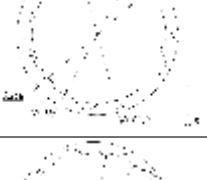
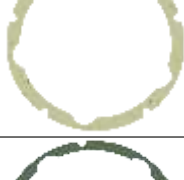
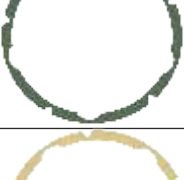
ZF TRANSMISSION LININGS

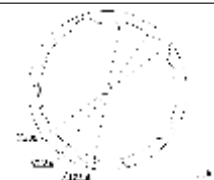
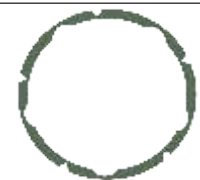
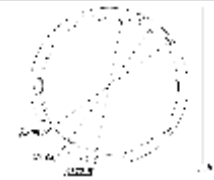
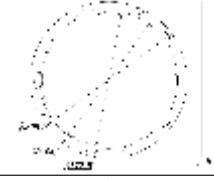
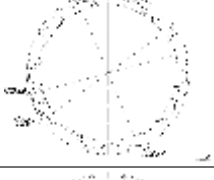
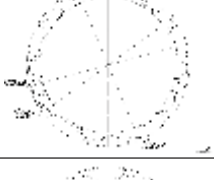
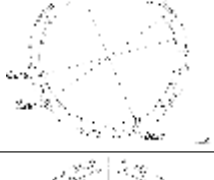
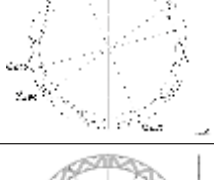
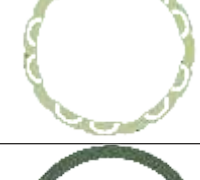
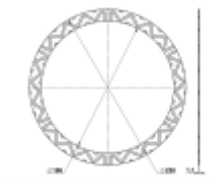
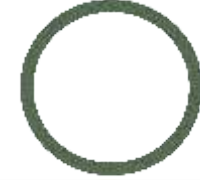
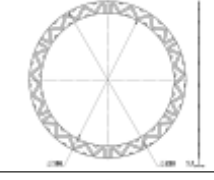
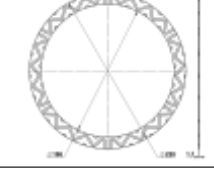
THE PRINCIPLE OF FORMING THE ARTICLE OF THE KINERGO® LINING FOR ZF TRANSMISSIONS:



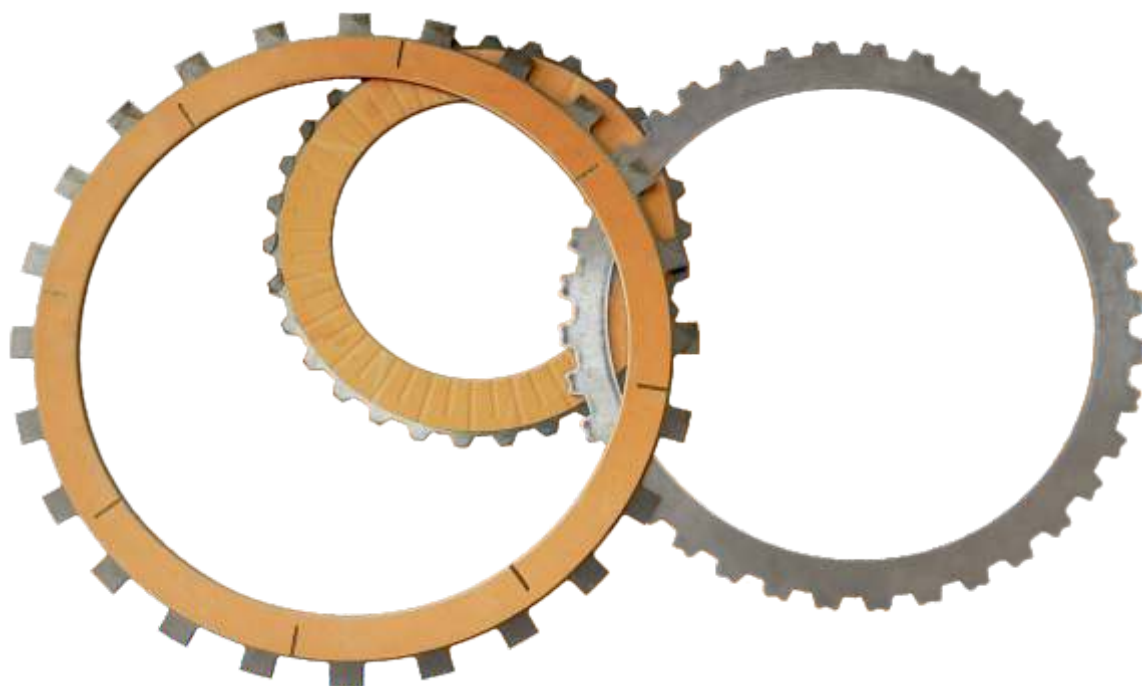
Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm
ZF6HP19, 255 mm; ZF6HP26, 255 mm; ZF6HP19, 245 mm; ZF6HP28	ZF01HF1			185	160.5	1.7
ZF6HP19, 255 mm; ZF6HP26, 255 mm; ZF6HP19, 245 mm; ZF6HP28	ZF01LF1			185	160.5	1.1
ZF6HP19, 255 mm; ZF6HP26, 255 mm; ZF6HP19, 245 mm; ZF6HP28	ZF01LS3			185	160.5	1.1
ZF6HP19, 255 mm; ZF6HP26, 255 mm; ZF6HP19, 245 mm; ZF6HP28	ZF01LV5			185	160.5	1.1
ZF6HP19; 245 mm	ZF03LF1			232	200	1.1
ZF6HP19; 245 mm	ZF03LS3			232	200	1.1
ZF6HP19; 245 mm	ZF03LV5			232	200	1.1
ZF5HP30	ZF05LF1			257.5	237	1.1

Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm
ZF5HP30	ZF05LS3			257.5	237	1.1
ZF5HP30	ZF05LV5			257.5	237	1.1
ZF5HP19, Captive Clutch	ZF06LF1			239	207	1.1
ZF5HP19, Captive Clutch	ZF06LS3			239	207	1.1
ZF5HP19, Captive Clutch	ZF06LV5			239	207	1.1
ZF5HP24	ZF07LF1			237	212.5	1.1
ZF5HP24	ZF07LS3			237	212.5	1.1
ZF5HP24	ZF07LV5			237	212.5	1.1
ZF6HP26, 260 mm	ZF08LF1			248	207	1.1
ZF6HP26, 260 mm	ZF08LS3			248	207	1.1

Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm
ZF6HP26, 260 mm	ZF08LV5			248	207	1.1
ZF6HP26, 280 mm; ZF6HP28	ZF09HF1			262	222.4	1.7
ZF6HP26, 280 mm; ZF6HP28	ZF09LF1			262	222.4	1.1
ZF6HP26, 280 mm; ZF6HP28	ZF09LS3			262	222.4	1.1
ZF6HP26, 280 mm; ZF6HP28	ZF09LV5			262	222.4	1.1
ZF6HP21; Various Applications	ZF13LF1			219	186.9	1.1
ZF6HP21; Various Applications	ZF13LS3			219	186.9	1.1
ZF6HP21; Various Applications	ZF13LV5			219	186.9	1.1
ZF6HP26, 275 mm	ZF14HF1			209	184	1.7
ZF6HP26, 275 mm	ZF14HS3			209	184	1.7

Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm
ZF6HP26, 275 mm	ZF14LF1			209	184	1.1
ZF6HP26, 275 mm	ZF14LS3			209	184	1.1
ZF6HP26, 275 mm	ZF14LV5			209	184	1.1
ZF6HP32	ZF15HF1			284	246	1.7
ZF6HP32	ZF15LF1			284	246	1.1
ZF6HP32	ZF15LS3			284	246	1.1
ZF6HP32	ZF15LV5			284	246	1.1
ZF6HP19, 245mm (LuK); ZF6HP21, 245mm (LuK)	 ZF16LF1			220	186	1.1
ZF6HP19, 245mm (LuK); ZF6HP21, 245mm (LuK)	 ZF16LS3			220	186	1.1
ZF6HP19, 245mm (LuK); ZF6HP21, 245mm (LuK)	 ZF16LV5			220	186	1.1

2. CLUTCH PLATES



THE PRINCIPLE OF FORMING OF THE KINERGO® CLUTCH PLATE ARTICLE:



Friction plate material:
S3 - SENAR®, V5 - VIPEX®, F1 - FABOR®

Serial number

Transmission maker: AW – AISIN AW, CH – CHRYSLER,
GM – GENERAL MOTORS, HK – HYUNDAI/KIA,
JA – JATCO/NISSAN, MB – MERCEDES, MZ – MAZDA,
RE – RENAULT/PEUGEOT, TO – TOYOTA/LEXUS,
VW – VW/AUDI, ZF – ZAHNRAD FABRIK

Friction plate



Serial number

Transmission maker: AW – AISIN AW, HO – HONDA/ACURA,
JA – JATCO/NISSAN, MB – MERCEDES,
TO – TOYOTA/LEXUS, ZF – ZAHNRAD FABRIK

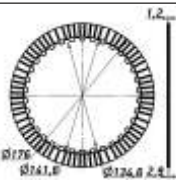
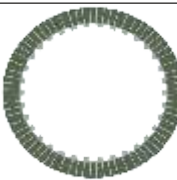
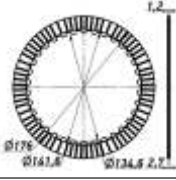
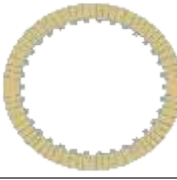
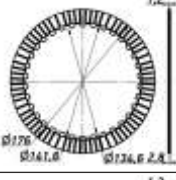
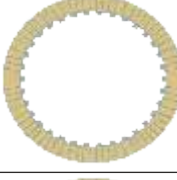
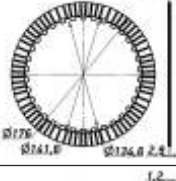
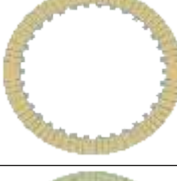
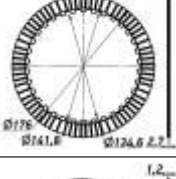
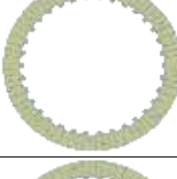
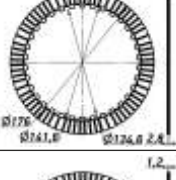
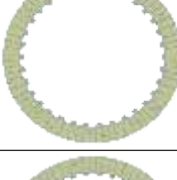
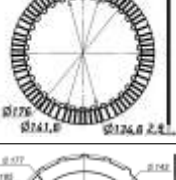
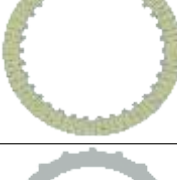
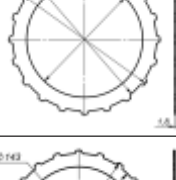
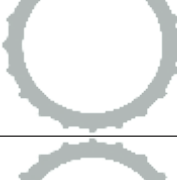
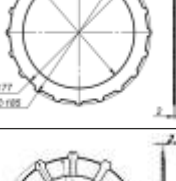
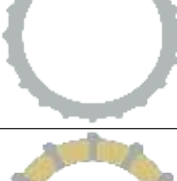
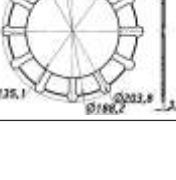
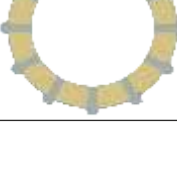
Steel plate

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
AISIN AW; VW/AUDI	TR-60SN, Captive clutch; 09D, Captive Clutch	FAW01F1			259.5	214.7	4	36	AW-CP-6F
AISIN AW; VW/AUDI	TR-60SN, Captive clutch; 09D, Captive Clutch	FAW01S3			259.5	214.7	4	36	AW-CP-6F
AISIN AW; VW/AUDI	TR-60SN, Captive clutch; 09D, Captive Clutch	FAW01V5			259.5	214.7	4	36	AW-CP-6F
AISIN AW	TF-72SC	FAW02F1			233	193.8	4	50	-
AISIN AW	TF-72SC	FAW02S3			233	193.8	4	50	-
AISIN AW	TF-72SC	FAW02V5			233	193.8	4	50	-
AISIN AW	TF-72SC	STAW01			224	185.4	1.8	40	-
AISIN AW	TF-72SC	 STAW02			224	185.4	2	40	-
AISIN AW; VW/AUDI	TR-80SD, Captive clutch; 0C8, Captive Clutch	FAW06F1			162.5	110.3	3.6	30	AW-CP-7F
AISIN AW; VW/AUDI	TR-80SD, Captive clutch; 0C8, Captive Clutch	FAW06S3			162.5	110.3	3.6	30	AW-CP-7F

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
AISIN AW; VW/AUDI	TR-80SD, Captive clutch; 0C8, Captive Clutch	FAW06V5			162.5	110.3	3.6	30	AW-CP-7F
AISIN AW; VW/AUDI	TR-80SD, Captive clutch; 0C8, Captive Clutch	STAW04			152.5	107.4	2	24	AW-CP-7S
CHRYSLER	68RFE	New FCH01F1			322	256	4	35	CH-CP-6BW CH-CP-6
CHRYSLER	68RFE	New FCH01S3			322	256	4	35	CH-CP-6BW CH-CP-6
CHRYSLER	68RFE	New FCH01V5			322	256	4	35	CH-CP-6BW CH-CP-6
GM	6L45, 310mm	FGM01F1			220	160	3.5	24	GM-CP-5
GM	6L45, 310mm	FGM01S3			220	160	3.5	24	GM-CP-5
GM	6L45, 310mm	FGM01V5			220	160	3.5	24	GM-CP-5
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK01F1			233	169	3.55	16/40	HK-CP-1
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK01S3			233	169	3.55	16/40	HK-CP-1

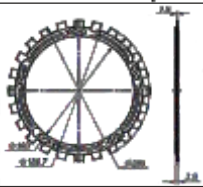
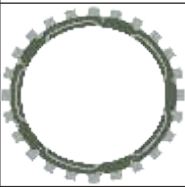
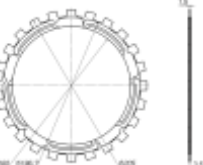
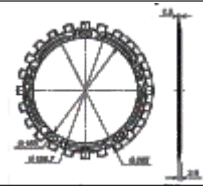
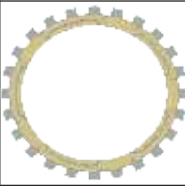
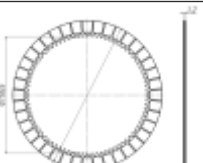
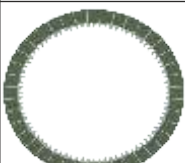
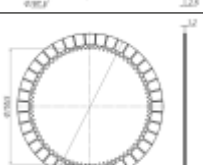
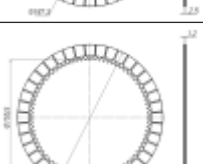
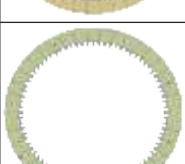
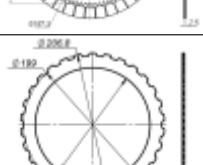
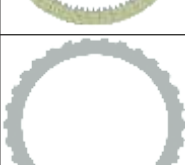
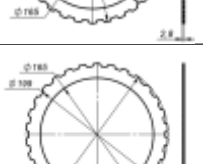
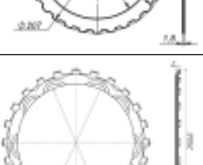
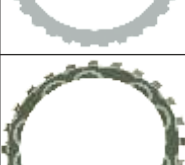
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK01V5			233	169	3.55	16/40	HK-CP-1
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK02F1			214.6	155.5	3.8	18	HK-CP-2
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK02S3			214.6	155.5	3.8	18	HK-CP-2
HUYNDAI/KIA	A6LF1, A6LF2, A6LF3, Captive Clutch	New FHK02V5			214.6	155.5	3.8	18	HK-CP-2
HUYNDAI/KIA	A5HF1, Captive Clutch; A6GF1, Captive Clutch	FHK03V5			161	120	2.3	18	HK-CP-3
HUYNDAI/KIA	A5HF1 Captive Clutch; A6GF1 Captive Clutch	FHK04V5			168.2	130.7	2.3	36	HK-CP-4
HONDAI/ACURA	MT4A (MDX)	New FH001S3			208	172.8	1.9	40	HO-CP-1
HONDAI/ACURA	MT4A (MDX)	New FH001V5			208	172.8	1.9	40	HO-CP-1
HONDA/ACURA	MT4A; MDX	New STH001			219.3	182.2	1.2	36	HO-CP-2
JATCO/NISSAN	RE5R05A	FJA01S3			164.4	131	1.8	40	JA-CP-1

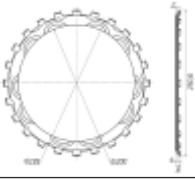
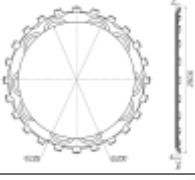
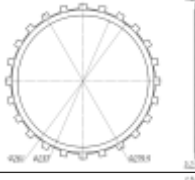
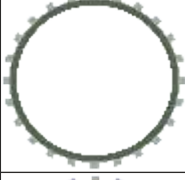
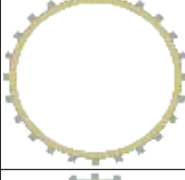
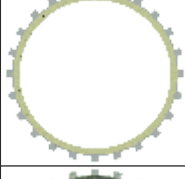
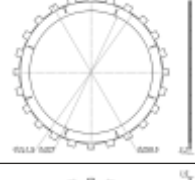
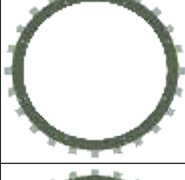
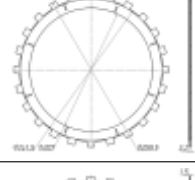
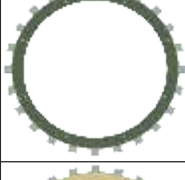
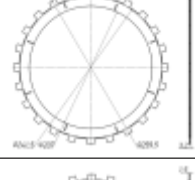
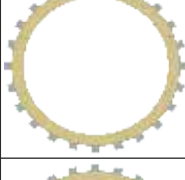
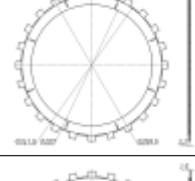
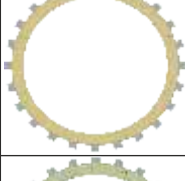
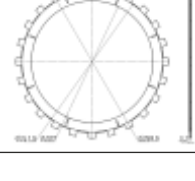
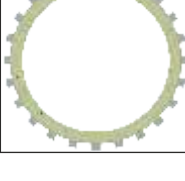
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
JATCO/NISSAN	RE5R05A	FJA01V5			164.4	131	1.8	40	JA-CP-1
JATCO/NISSAN	RE5R05A	STJA01			171.8	142.4	1.8	36	JA-CP-2
JATCO/NISSAN	JR710E (RE7R01A)	FJA03S3			173.5	130.8	1.8	24	JA-CP-4
JATCO/NISSAN	JR710E (RE7R01A)	FJA03V5			173.5	130.8	1.8	24	JA-CP-4
JATCO/NISSAN	JR710E (RE7R01A)	STJA04			180.5	142.5	1.8	30	JA-CP-5S
MERCEDES	722.7	FMB01F1			176	119.6	2.7	30	-
MERCEDES	722.7	FMB01S3			176	119.6	2.7	30	-
MERCEDES	722.7	FMB01V5			176	119.6	2.7	30	-
MERCEDES	722.6; 722.9	FMB04F1			176	134.6	2.7	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04F1-28			176	134.6	2.8	34	MB-CP-7KBW

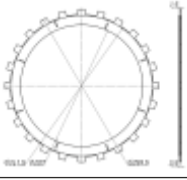
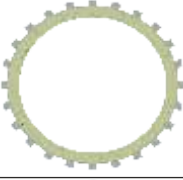
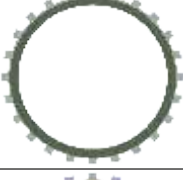
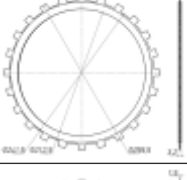
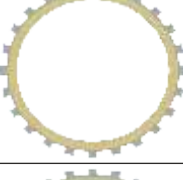
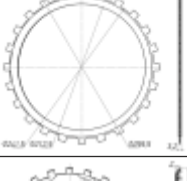
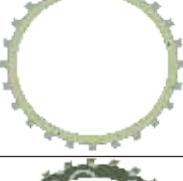
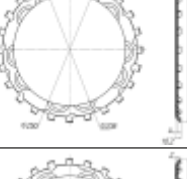
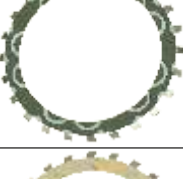
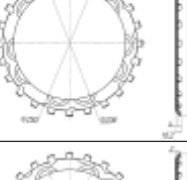
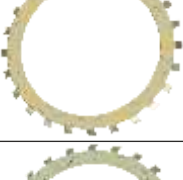
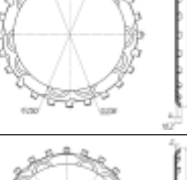
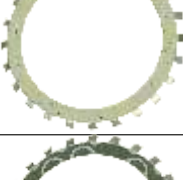
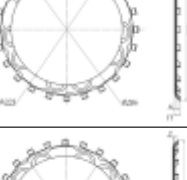
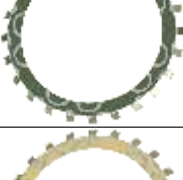
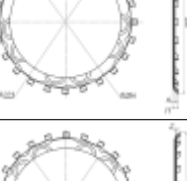
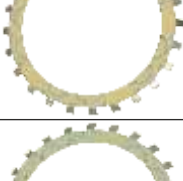
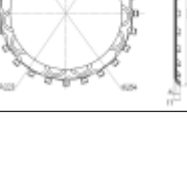
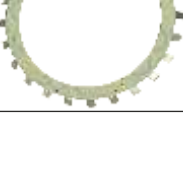
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
MERCEDES	722.6; 722.9	FMB04F1-29			176	134.6	2.9	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04S3			176	134.6	2.7	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04S3-28			176	134.6	2.8	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04S3-29			176	134.6	2.9	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04V5			176	134.6	2.7	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04V5-28			176	134.6	2.8	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	FMB04V5-29			176	134.6	2.9	34	MB-CP-7KBW
MERCEDES	722.6; 722.9	STMB01			185	143	1.8	20	MB-CP-3KR
MERCEDES	722.6; 722.9	STMB10			185	143	2	20	MB-CP-3KR
MERCEDES	722.9 AMG	FMB13S3			203.8	135.1	3.7	12	-

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
MERCEDES	722.9 AMG	FMB13V5			203.8	135.1	3.7	12	-
MERCEDES	722.9 AMG	FMB14S3			188.3	121.2	3.7	12	-
MERCEDES	722.9 AMG	FMB14V5			188.3	121.2	3.7	12	-
MERCEDES	722.9 LATE	FMB15F1			196	156	2.7	40	MB-CP-8BW
MERCEDES	722.9 LATE	FMB15S3			196	156	2.7	40	MB-CP-8BW
MERCEDES	722.9 LATE	FMB15S3-25			196	156	2.5	40	MB-CP-8BW
MERCEDES	722.9 LATE	FMB15V5			196	156	2.7	40	MB-CP-8BW
MERCEDES	722.9 LATE	STMB08			187.8	142	1.8	36	MB-CP-14S
MERCEDES	722.9 LATE	STMB09			187.8	142	2	36	MB-CP-15S
MAZDA	FW6A-EL, GW6A-EL	New FMZ01S3			176.1	127.7	2.3	16	-

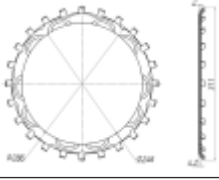
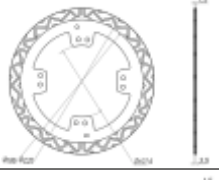
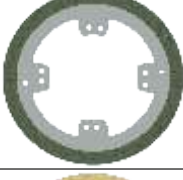
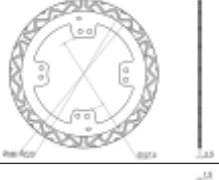
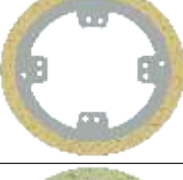
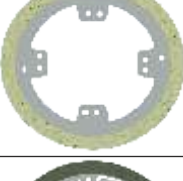
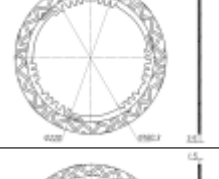
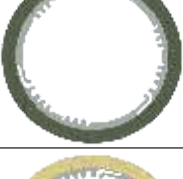
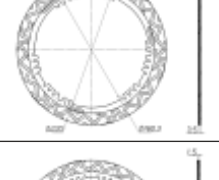
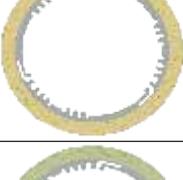
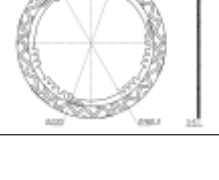
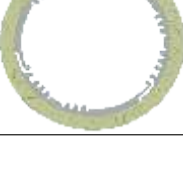
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
MAZDA	FW6A-EL, GW6A-EL	New FMZ01V5			176.1	127.7	2.3	16	-
MAZDA	FW6A-EL, GW6A-EL	New FMZ02S3			183.6	137.2	2.3	32	-
MAZDA	FW6A-EL, GW6A-EL	New FMZ02V5			183.6	137.2	2.3	32	-
RENAULT/PEUGEOT	AT8 & DP2	FRE02S3			225	187	2.8	40	RE-CP-3
RENAULT/PEUGEOT	AT8 & DP2	New FRE02V5			225	187	2.8	40	RE-CP-3
TOYOTA/LEXUS; AISIN AW	U880E/F, U881E/F, UA80E; TG-81SC (F8F35, GA8F22)	FT001F1			247.1	204.1	4.1	50	-
TOYOTA/LEXUS; AISIN AW	U880E/F, U881E/F, UA80E; TG-81SC (F8F35, GA8F22)	FT001S3			247.1	204.1	4.1	50	-
TOYOTA/LEXUS; AISIN AW	U880E/F, U881E/F, UA80E; TG-81SC (F8F35, GA8F22)	FT001V5			247.1	204.1	4.1	50	-
TOYOTA/LEXUS; AISIN AW	U880E/F, U881E/F, UA80E; TG-81SC (F8F35, GA8F22)	STT001			238.3	195.7	2	40	-
ZF	ZF6HP19, 255mm; ZF6HP26, 255mm; Various Applications	FZF01F1			205	160	3.5	24	ZF-CP-1 ZF-CP-4

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
ZF	ZF6HP19, 255mm; ZF6HP26, 255mm; Various Applications	FZF01F1-39			205	160	3.9	24	ZF-CP-1 ZF-CP-4
ZF	ZF6HP19, 255mm; ZF6HP26, 255mm; Various Applications	FZF01S3			205	160	3.5	24	ZF-CP-1 ZF-CP-4
ZF	ZF6HP19, 255mm; ZF6HP26, 255mm; Various Applications	FZF01S3-39			205	160	3.9	24	ZF-CP-1 ZF-CP-4
ZF	ZF6HP19, 255mm; ZF6HP26, 255mm; Various Applications	STZF01			192.2	144.8	2.8	24	ZF-CP-7
ZF	ZF8HP45; ZF8HP55; ZF8HP70	FZF02F1			197.3	155.5	2.5	80	ZF-CP-8F
ZF	ZF8HP45; ZF8HP55; ZF8HP70	FZF02S3			197.3	155.5	2.5	80	ZF-CP-8F
ZF	ZF8HP45; ZF8HP55; ZF8HP70	FZF02V5			197.3	155.5	2.5	80	ZF-CP-8F
ZF	ZF8HP45; ZF8HP55; ZF8HP70	STZF04			206.8	165	2.8	30	ZF-CP-10S
ZF	ZF8HP55; ZF8HP70	STZF05			207	165	1.8	30	ZF-CP-9S
ZF	ZF6HP19, 245mm	FZF03F1			250.6	200	4	24	FS-CP-7BW

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
ZF	ZF6HP19, 245mm	FZF03S3			250.6	200	4	24	FS-CP-7BW
ZF	ZF6HP19, 245mm	FZF03V5			250.6	200	4	24	FS-CP-7BW
ZF	ZF5HP30	FZF05F1			279.5	237	3.2	24	FS-CP-1
ZF	ZF5HP30	FZF05S3			279.5	237	3.2	24	FS-CP-1
ZF	ZF5HP30	FZF05V5			279.5	237	3.2	24	FS-CP-1
ZF	ZF5HP19, Captive Clutch	FZF06F1			259.5	207	3.2	24	FS-CP-2
ZF	ZF5HP19, Captive Clutch	FZF06F1-35			259.5	207	3.5	24	FS-CP-2TKR
ZF	ZF5HP19, Captive Clutch	FZF06S3			259.5	207	3.2	24	FS-CP-2
ZF	ZF5HP19, Captive Clutch	FZF06S3-35			259.5	207	3.5	24	FS-CP-2TKR
ZF	ZF5HP19, Captive Clutch	FZF06V5			259.5	207	3.2	24	FS-CP-2

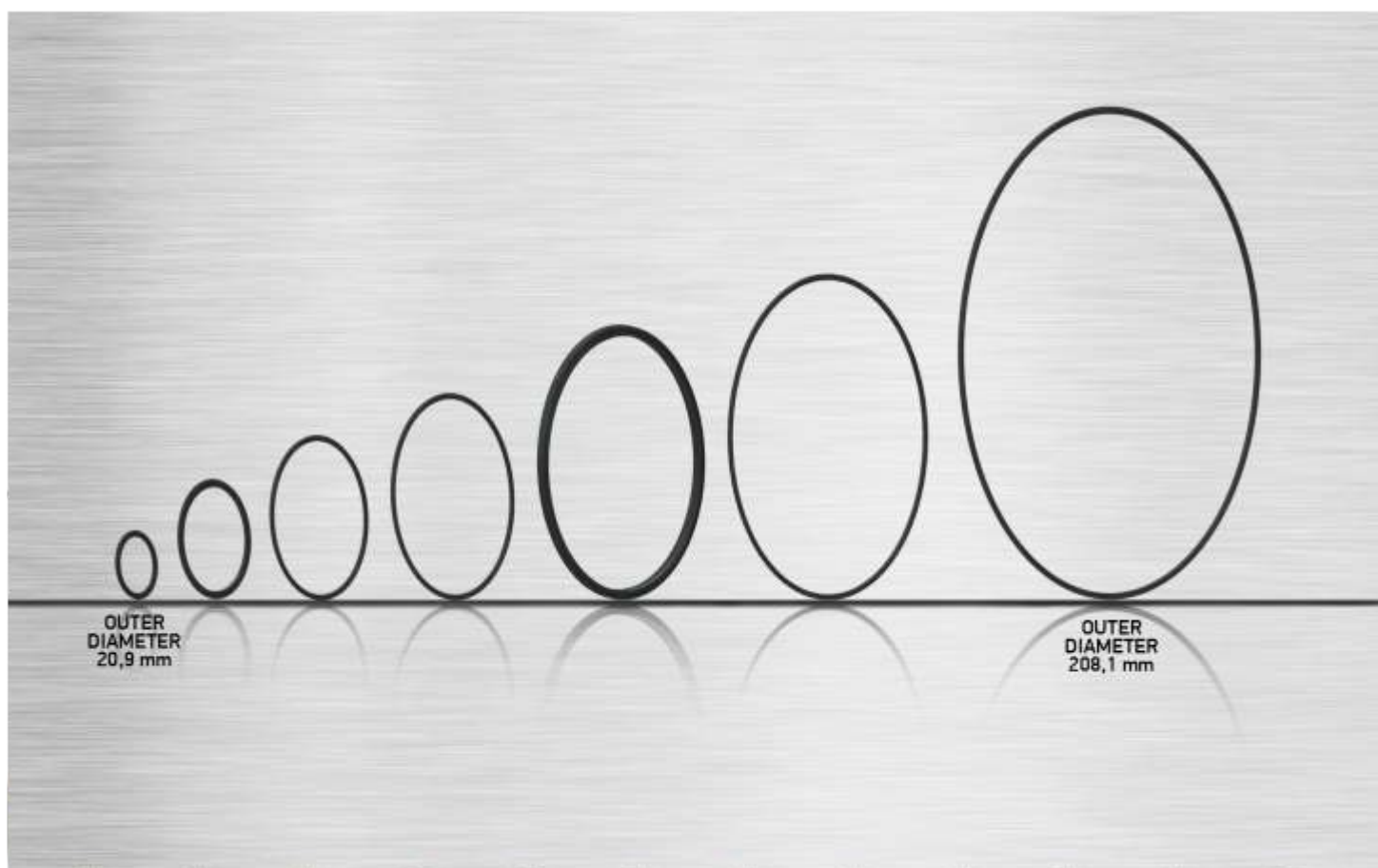
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
ZF	ZF5HP19, Captive Clutch	FZF06V5-35			259.5	207	3.5	24	FS-CP-2TKR
ZF	ZF5HP24	FZF07F1			259.5	212.5	3.2	24	FS-CP-3
ZF	ZF5HP24	FZF07S3			259.5	212.5	3.2	24	FS-CP-3
ZF	ZF5HP24	FZF07V5			259.5	212.5	3.2	24	FS-CP-3
ZF	ZF6HP26, 260mm	FZF08F1			270	208	4	24	FS-CP-56BW
ZF	ZF6HP26, 260mm	FZF08S3			270	208	4	24	FS-CP-56BW
ZF	ZF6HP26, 260mm	FZF08V5			270	208	4	24	FS-CP-56BW
ZF	ZF6HP26, 280mm; ZF6HP28; Various applications	FZF09F1			287	223	4	24	ZF-CP-2 ZF-CP-6
ZF	ZF6HP26, 280mm; ZF6HP28; Various applications	FZF09S3			287	223	4	24	ZF-CP-2 ZF-CP-6
ZF	ZF6HP26, 280mm; ZF6HP28; Various applications	FZF09V5			287	223	4	24	ZF-CP-2 ZF-CP-6

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
ZF	ZF6HP21; Various Applications	FZF13F1			237	186.3	3	30	ZF-CP-3
ZF	ZF6HP21; Various Applications	FZF13S3			237	186.3	3	30	ZF-CP-3
ZF	ZF6HP21; Various Applications	FZF13V5			237	186.3	3	30	ZF-CP-3
ZF	ZF6HP26, 275mm	FZF14F1			229.4	185	2.7	20	ZF-CP-5
ZF	ZF6HP26, 275mm	FZF14F1-30			229.4	185	3	20	-
ZF	ZF6HP26, 275mm	FZF14S3			229.4	185	2.7	20	ZF-CP-5
ZF	ZF6HP26, 275mm	FZF14S3-30			229.4	185	3	20	-
ZF	ZF6HP26, 275mm	FZF14V5			229.4	185	2.7	20	ZF-CP-5
ZF	ZF6HP26, 275mm	FZF14V5-30			229.4	185	3	20	-
ZF	ZF6HP32	FZF15S3			311	246	4.2	24	-

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Tooth count	Ref.:
ZF	ZF6HP32	FZF15V5			311	246	4.2	24	-
ZF	ZF6HP21, 245mm (LuK)	FZF16F1			220	107.6	3.5	4	ZF-CP-12
ZF	ZF6HP21, 245mm (LuK)	FZF16S3			220	107.6	3.5	4	ZF-CP-12
ZF	ZF6HP21, 245mm (LuK)	FZF16V5			220	107.6	3.5	4	ZF-CP-12
ZF	ZF6HP19, 245mm (LuK)	FZF17F1			220	160.3	3.5	-	ZF-CP-13
ZF	ZF6HP19, 245mm (LuK)	FZF17S3			220	160.3	3.5	-	ZF-CP-13
ZF	ZF6HP19, 245mm (LuK)	FZF17V5			220	160.3	3.5	-	ZF-CP-13



3. SEAL RINGS



The material of the seal rings is HNBR.

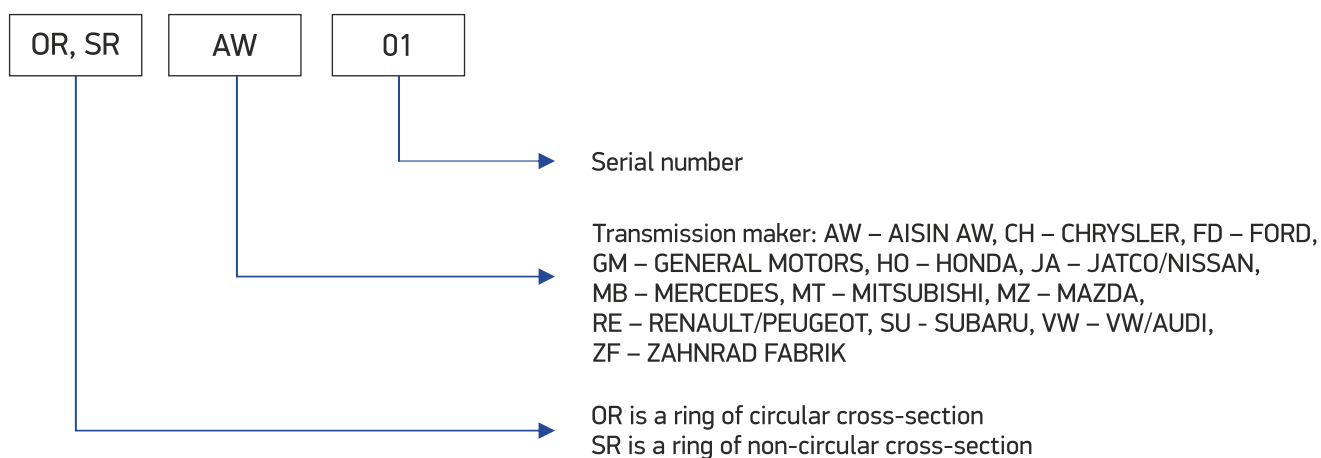
HNBR-based rubbers have excellent resistance to common automotive fluids (e.g. engine oil, refrigerant, fuel, etc.)

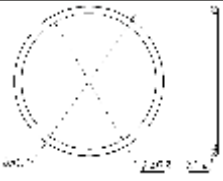
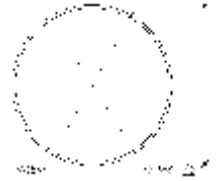
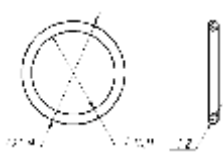
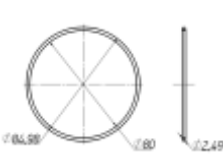
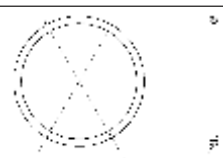
At the same time, HNBR-based rubbers have good mechanical properties, such as:

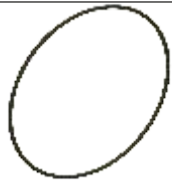
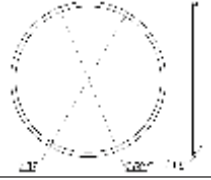
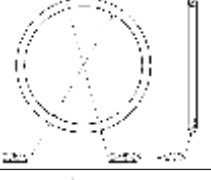
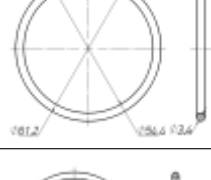
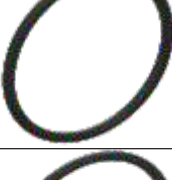
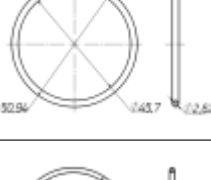
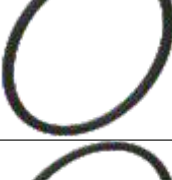
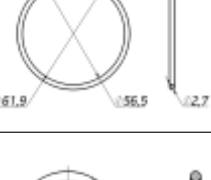
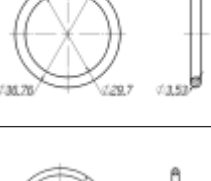
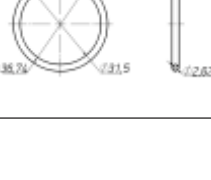
- tensile strength;
- legthening;
- abrasion resistance;
- residual deromation during compression, etc.

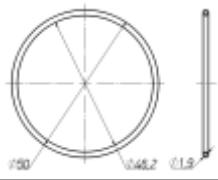
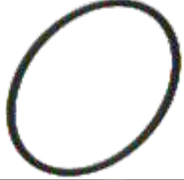
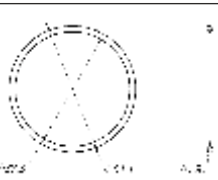
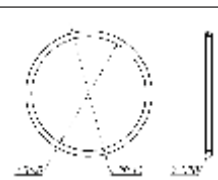
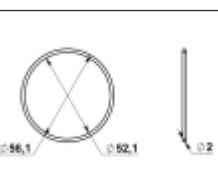
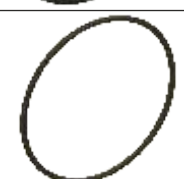
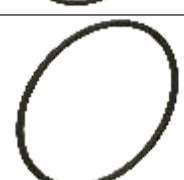
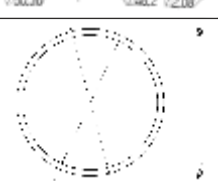
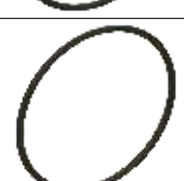
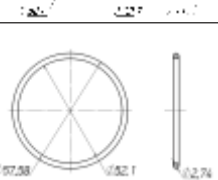
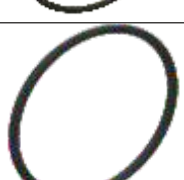
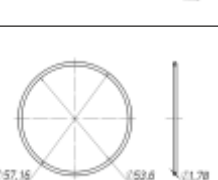
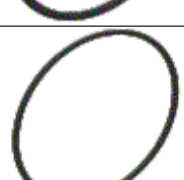
Working temperature range is -40°C to $+120^{\circ}\text{C}$.

THE PRINCIPLE OF FORMING OF THE KINERGO® SEAL RING ARTICLE

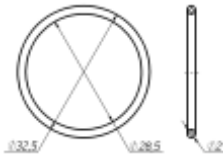
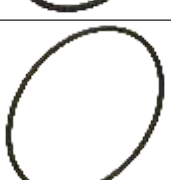
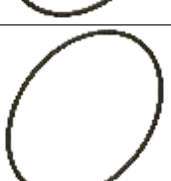
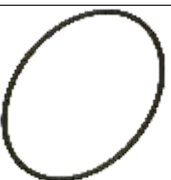
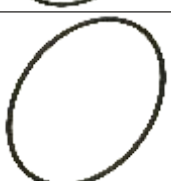


Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
AISIN AW; TOYOTA/LEXUS	TF-72SC; TG-81SC (F8F35, GA8F22); U880E/F, U881E/F, UA80E	ORAW01			51.1	46.3	2.4	-
AISIN AW	TF-72SC	ORAW02			154	148	3	-
AISIN AW; TOYOTA/LEXUS	TF-72SC; TG-81SC (F8F35, GA8F22); U880E/F, U881E/F, UA80E	New ORAW03			85.3	80	2.65	-
AISIN AW; TOYOTA/LEXUS	TG-81SC (F8F35, GA8F22); U880E/F, U881E/F, UA80E	New ORAW04			142.8	136.6	3.1	-
CHRYSLER	45RFE; 545RFE; 66RFE	ORCH01			20.9	16.9	2	CH-O-10V
CHRYSLER	45RFE; 545RFE; 66RFE	ORCH02			70.4	65.2	2.62	CH-O-11V
CHRYSLER	68RFE	New ORCH03			84.98	80	2.49	CH-O-14V
CHRYSLER	10-3/4" LU, Early (A904, TF6, A727, TF8); 10-3/4" LU, Late (A500, A518)	ORCH04			112.7	107.5	2.62	CH-O-3V
CHRYSLER	10" LU (A606, 42LE); 9-1/2" LU (A413, A470, A670, A604)	New ORCH05			110.5	104.9	2.8	CH-O-5V
CHRYSLER; HONDA/ACURA	45RFE; 545RFE; 66RFE; 68RFE; Various Applications	ORCH06			46.1	40.9	2.62	CH-O-8V

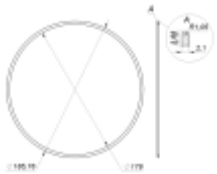
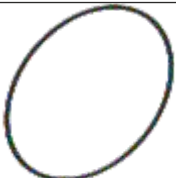
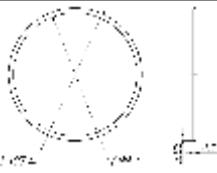
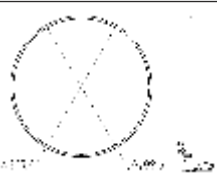
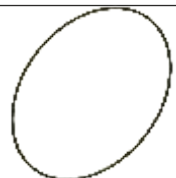
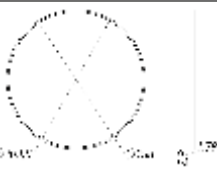
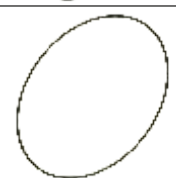
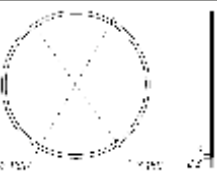
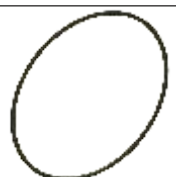
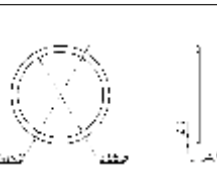
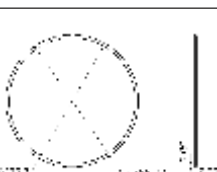
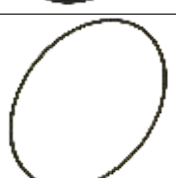
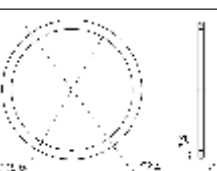
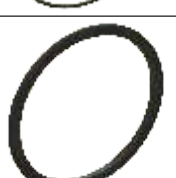
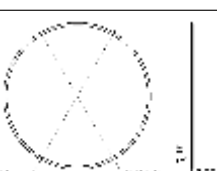
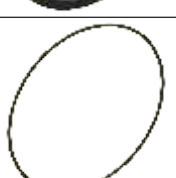
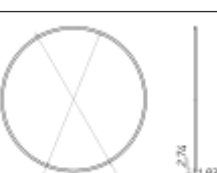
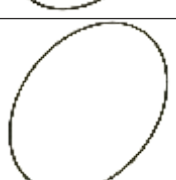
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
CHRYSLER; ZF	10" LU (A606, 42LE); 9-1/2" LU (A413, A470, A670, A604); ZF6HP19, 245mm	ORCH07			110.8	105.52	2.64	CH-O-6V
CHRYSLER	10" (A604, A606, 41TE, 42LE); 62TE	ORCH08			60.6	57	1.8	CH-O-12V
FORD	CD4E 9-1/4" & 10-1/4"	ORFD02			45.44	39.9	2.77	FD-O-17V
FORD	AODE, 4R70W, 4R75W; E40D	ORFD03			60.9	54.4	3.25	FD-O-4V
FORD	AXOD; AXODE	ORFD05			36.7	31.4	2.65	FD-O-13V
FORD	AODE, 4R70W, 4R75W; E40D	ORFD06			61.2	54.4	3.4	FD-O-18V
FORD	New 6R60, 6R75W	ORFD07			50.94	45.7	2.62	FD-O-23V
FORD	5R110W, 8-Stud	ORFD08			61.9	56.5	2.7	FD-O-24V
FORD	New AXOD; AXODE	ORFD09			36.76	29.7	3.53	FD-O-3V
FORD	New AXOD; AXODE	ORFD10			36.74	31.5	2.62	FD-O-6V

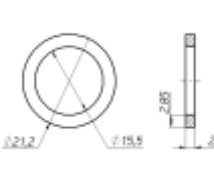
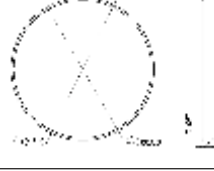
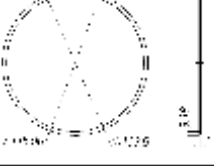
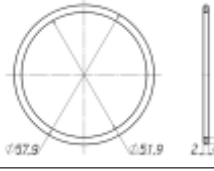
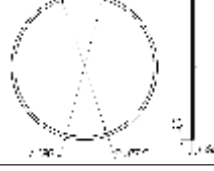
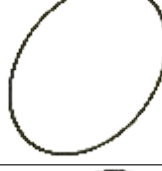
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
GM	4L80E, Dual Stator; 4L80E Early, Single Stator; 4L80E Late, Single Stator	New ORGM01			50	46.2	1.9	GM-O-2V
BORG WARNER; CHRYSLER	BW 310mm LU (A618, 47RH, 47RE, 48RE); A618, 47RH, 47RE, 48RE (BW 310mm LU)	ORGM02			57.33	52.1	2.62	FD-O-17V
GM	265mm LU (4T60E, 4T80E); 280mm LU (4L60E) VJCX; 300mm LU (4L60E)	ORGM03			41.1	37.3	1.91	GM-O-9V
GM	258mm LU (4T65E); Saturn TAAT; 245mm LU Euro (5L40-E)	ORGM04			38.2	34.6	1.78	GM-O-6V
GM	298mm LU (TH250C, TH350C, TH200-4R, TH700-R4, 4L60, 4L60E)	New ORGM05			56.1	52.1	2	GM-O-3V
GM	4L80E, Dual Stator; 4L80E Early, Single Stator; 4L80E Late, Single Stator	New ORGM07			50.36	46.2	2.08	GM-O-10V
GM; HYUNDAI/KIA	6L80, 6L80E, 6L90 (300mm); A4CF1, A4CF2	ORGM08			63.7	58.4	2.62	GM-O-11V
BORG WARNER; CHRYSLER	BW 310mm LU (A618, 47RH, 47RE, 48RE); A618, 47RH, 47RE, 48RE (BW 310mm LU)	New ORGM09			57.8	52.1	2.74	GM-O-12V
GM	298mm LU (TH250C, TH350C, TH200-4R, TH700-R4, 4L60, 4L60E)	New ORGM11			57.16	53.6	1.78	GM-O-1V
GM; FORD	6F50/6F55; 6T70/6T75	ORGM12			34.95	29.72	2.62	GMFD-O-2V

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
GM	Saturn TAAT	New ORGM13			35.46	31.5	1.98	GM-O-7V
GM	265mm LU (4T60E, 4T80E)	ORGM14			40	35	2.5	GM-O-5V
GM	245mm LU (3T40, 3L30, TH125C, TH200C, 4T60E, TH440-R4, TH700-R4, 4L60, 4L60E, S-10 only)	ORGM16			34.8	31.2	1.78	GM-O-21V
HONDA/ACURA	AS; B7TA, B7VA, B7YA; F4; MPYA	New ORHO01			36.58	33.02	1.78	HO-O-1V
HONDA/ACURA	MDKA, MDRA (MDX); MT4A (MDX)	New ORHO03			40.6	36.6	2	HO-O-5V
JATCO/NISSAN	JR403E (RG4R01A); L4N71B RWD; R4A-EL; RE4R01A; RE4R03A, 250mm; RE4R03A, 280mm; RL4F02A (DA-11)	ORJA01			42	38	2	JA-O-2V
JATCO/NISSAN	JR403E (RG4R01A); L4N71B RWD; R4A-EL; RE4R01A; RE4R03A, 250mm; RE4R03A, 280mm; RL4F02A (DA-11)	New ORJA02			42.9	38.5	2.2	JA-O-3V
JATCO/NISSAN	JF403; L3N71B; RL3F01A FWD; RL4F02A (DA-13)	ORJA03			38	34	2	JA-O-1V
JATCO/NISSAN; AUDI/VW	JF506E (RE5F01A); JF506E (with sensor ring); 09A	New ORJA05			42.6	38.6	2	JA-O-6V
JATCO/NISSAN; SUBARU	JF404E; Various Application TR690, TR580	New ORJA06			52.1	47	2.55	JA-O-10V

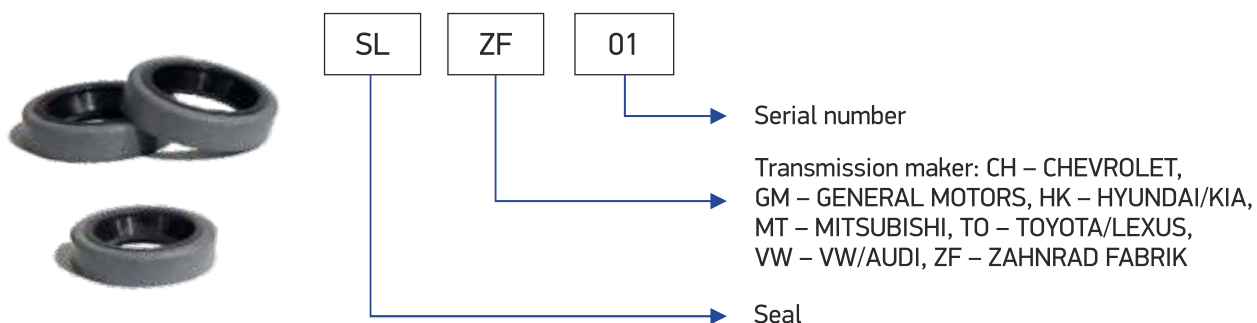
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
JATCO/NISSAN	JF011E (RE0F10A)	ORJA07			43.24	38	2.62	JA-O-11V
JATCO/NISSAN	JF402E, JF405E (SR410, SR412, SR413)	ORJA08			32.5	28.5	2	-
JATCO/NISSAN	JF015E (RE0F11A)	ORJA09			38.3	33	2.62	NI-O-1V
MITSUBISHI	F4A51/R4A51, F5A51/R5A51	ORMT01			58.2	53	2.62	MT-O-10V
MITSUBISHI	F4A51/R4A51, F5A51/R5A51	ORMT02			57.8	53	2.4	MT-O-8V
MITSUBISHI	KM-175; KM-175-5, KM-177 (CT-12); KM-175-5, KM-177 (CT-12-1), Late; KM-176 (CT-11); F4A22, F4A23	ORMT03			81.13	75.9	2.62	MT-O-4V
MITSUBISHI; ZF	F4A41, F4A42, F4A52; ZF4HP16	ORMT04			87.4	82.2	2.62	MT-O-7V
SUBARU	4EAT	 ORMZ01			60.2	56.2	2	MZ-O-1V
MAZDA; FORD	4EAT-F; 4F27E (Focus)	ORMZ02			87.4	82.5	2.45	MZ-O-2V
RENAULT/ PEUGEOT	DP2&AT8	ORRE01			63.6	59.6	2	RE-O-3V

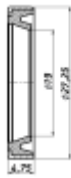
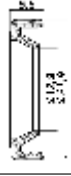
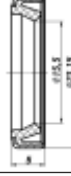
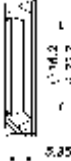
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
SUBARU	R4AX-EL (SU-16)	New ORSU01			59.09	53.85	2.62	SU-0-2V
SUBARU	R4AX-EL (SU-19)	New ORSU02			84.23	79	2.62	SU-0-1V
AUDI/VW	096 LU (01M)	ORVW01			89.02	84.1	2.46	VW-0-1V
AISIN AW; AUDI/VW	TR-60SN, Captive clutch; 09D, Captive clutch	ORVW02			208.1	201.9	3.12	VW-0-5V
ZF	ZF5HP19, Captive Clutch; ZF5HP24; ZF6HP26, 260mm	ORZF01			74.84	69.6	2.62	FS-0-2V
ZF	ZF4HP20; ZF5HP19, Single Friction	ORZF02			80.4	75.2	2.62	FS-0-3V
ZF; CHRYSLER	ZF9HP48; 948TE	ORZF04			21.7	16.1	2.82	ZF-0-7V
ZF; CHRYSLER	ZF9HP48; 948TE	ORZF05			65	59.6	2.7	ZF-0-8V
ZF	ZF8HP45; ZF8HP55; ZF8HP70	ORZF06			22.1	17.9	2.11	CH-0-6V
ZF	ZF6HP26, 255mm	New ORZF07			70	64.8	2.62	ZF-0-6V

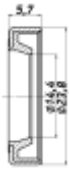
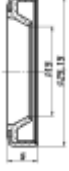
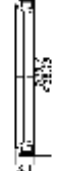
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Cross section, mm	Ref.:
TOYOTA/LEXUS; AISIN AW	A860E; AS68RC (A465)	 SRCH03			185.76	178	3.88x1.05	CH-O-15V
TOYOTA/LEXUS; AISIN AW	A860E; AS68RC (A465); AS69RC	SRCH04			107.4	99.7	3.86x2.1	CH-O-16V
FORD	6R140	SRFD16			205.6	198.5	3.6x2.15	FD-O-31V
HONDA/ACURA	MT4A (MDX)	SRH002			203.8	198	2.9x1.78	HO-O-4V
JATCO/NISSAN	RE5R05A	SRJA02			158	150	4x2.3	JA-O-9V
JATCO/NISSAN	RE5R05A	SRJA03			64.7	56.5	4.1x2.1	JA-O-9V
JATCO/NISSAN	JR710E (RE7R01A)	SRJA05			166.22	158.5	3.86x2.05	JA-O-14V
JATCO/NISSAN	JR710E (RE7R01A)	SRJA07			52.4	45.6	3.4x2	JA-O-13V
MERCEDES	722.6; 722.9	SRMB01			172.2	165.8	3.18x2.05	MB-O-7V
MERCEDES	722.9 LATE; 725.0	SRMB09			178.4	172.92	2.74x1.93	MB-O-11V

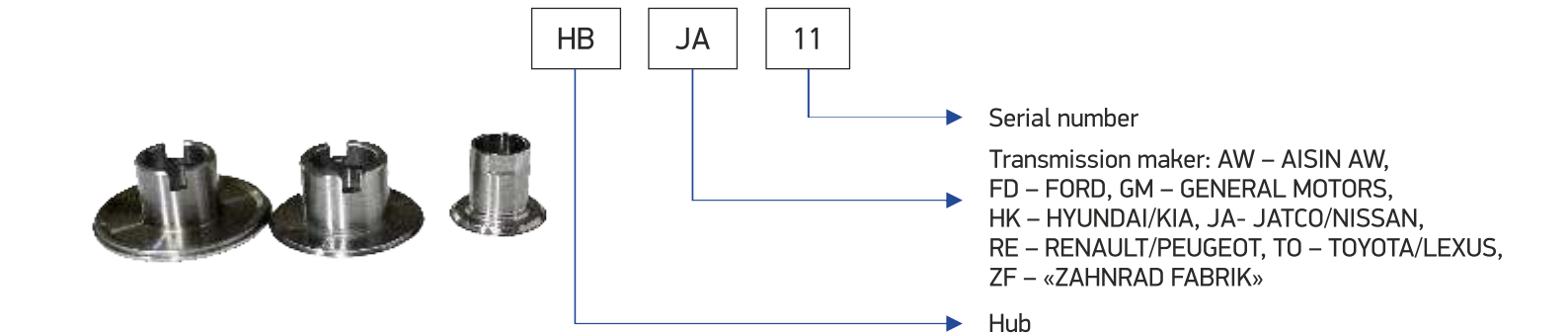
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Cross section, mm	Ref.:
MERCEDES	722.9 LATE	SRMB10			102.9	97.3	2.79x2	MB-O-12V
MERCEDES	722.6; 722.9	SRMB12			57	51.3	2.85x2.2	MB-O-4V
MERCEDES	722.6; 722.9; 722.9 LATE	SRMB13			21.2	15.5	2.85x2.1	MB-O-5V
MERCEDES	722.6; 722.9; 722.7	SRMB14			171.4	165.5	2.95x2.11	MB-O-2V
MERCEDES	722.6; 722.9	SRMB16			115.96	109.6	3.18x2.05	MB-O-6V
MITSUBISHI	KM-175, KM-176	SRMT01			57.9	51.9	3x2	MT-O-3V
ZF	ZF8HP45; ZF8HP55; ZF8HP70	SRZF07			196.1	187.5	4.3x1.82	ZF-O-3VA
ZF	ZF8HP45; ZF8HP55; ZF8HP70	SRZF08			110	102	5x4	ZF-O-4V

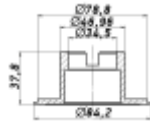
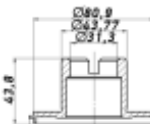
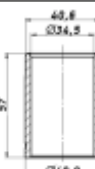
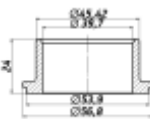
THE PRINCIPLE OF FORMING OF THE KINERGO® SEAL ARTICLE:

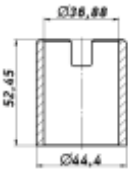
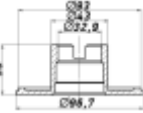
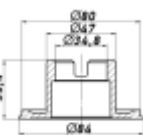
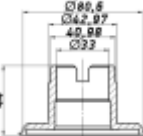
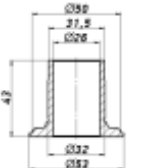
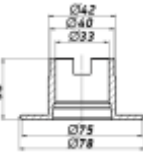
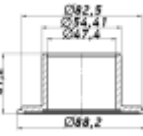
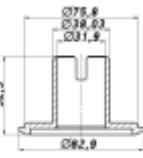
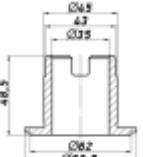


Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Height, mm	Ref.:
CHRYSLER; BORG WARNER; ZF	10-3/4" LU, Early (A904, TF6, A727, TF8); 10-3/4" LU, Late (A500, A518); 68RFE; A618, 47RH, 47RE, 48RE (BW 310mm LU); A999; BW 310mm LU (A618, 47RH, 47RE, 48RE); ZF4HP22	SLCH01			27.25	19	4.75	CH-O-1V
CHRYSLER	10" LU (A606, 42LE); 10" (A604, A606, 41TE, 42LE); 62TE; 9-1/2" LU (A413, A470, A670, A604)	SLCH02			24.5	12.3	6	CH-O-9V
BORG WARNER; CHRYSLER	BW 310mm LU (A618, 47RH, 47RE, 48RE); A618, 47RH, 47RE, 48RE (BW 310mm LU)	SLCH03			29	19.4	5	CH-O-13V
GM; FORD	6T30; 6T40/6T45 (236mm); 6F35	SLGM01			21.9	12.9	5.5	GM-O-14V
GM; FORD	6F50/6F55; 6T70/6T75	SLGM02			23.15	15.5	5	GMFD-O-1V
FORD; MAZDA	4F27E (Focus); FNR5 (5F27E, FS5A-EL); FS5A-EL (5F27E, FNR5); FN4A-EL	New SLFD04			23.2	14.4	5.3	FD-O-10V
HYUNDAI/KIA	A4CF1, A4CF2; A5HF1	New SLHK01			25.2	16.2	5.35	HK-O-1V

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Height, mm	Ref.:
MITSUBISHI	F4A42	SLMT01			24.7	15.2	5.2	MT-O-6V
MITSUBISHI	KM-175, KM-176; KM-175; KM-175-5, KM-177 (CT-12); KM-175-5, KM-177 (CT-12-1), Late; KM-176 (CT-11); F4A51/R4A51, F5A51/R5A51; F4A22, F4A23; F4A41, F4A42, F4A52	SLMT02			25.2	16.2	5.4	MT-O-5V
TOYOTA/LEXUS; AISIN AW; VW/AUDI	AB60E/AB60F; TR-60SN; 09D	SLT001			28	19	6.2	TO-O-13V
TOYOTA/LEXUS	A42DE/A42DL, A43DE/A43DL, A44DE/A44DL, A45DE/A45DL; A340H; A140	SLT003			23.75	15.2	5.8	TO-O-9V
AISIN AW; JATCO/NISSAN; GM; TOYOTA/LEXUS	55-50SN; TB-65SN; RE5F22A; AF33; 55-50SN; TB-65SN; A140; A340H; A540E; A750E; A760E; A960E/A960F; U140E	SLT004			23.8	14.4	5.7	TO-O-7V
TOYOTA/LEXUS	A440F; A440L	SLT005			25.15	14.2	5.1	TO-O-3V
AISIN AW	450-43LE	SLT006			25.15	15	5	TO-O-5V
VW/AUDI	096 LU (01M); 097, 098 (01N, 01P)	SLVW01			32.1	25.8	4.8	VW-O-2V
FORD; CHRYSLER ZF;	6R60, 6R75W; A999; ZF4HP22; ZF4HP24; ZF5HP19, Captive Clutch; ZF5HP19, Single Friction; ZF5HP24; ZF5HP30; ZF6HP19, 245mm; ZF6HP26, 255mm; ZF6HP26, 260mm;	SLZF01			24.2	17.4	4.1	FS-O-27V
ZF	ZF6HP21; ZF6HP19	SLZF04			36.15	29.3	4.1	-

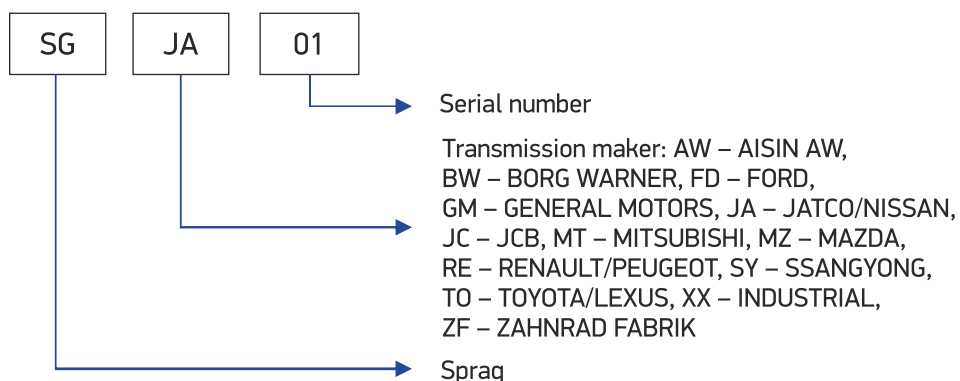


Transmission maker	Application	Article	Drawing	Image	Flange O.D., mm	Journal diameter, mm	Height, mm	Ref.:
AISIN AW; FORD	TF-80SC; AF40	HBAW01			84.2	46.96	37.8	-
AISIN AW; VW/AUDI	TF-60SN; 09G	HBAW02			101.5	43.77	43.5	-
AISIN AW; VW/AUDI	TF-60SN; 09G	HBAW03			86.4	43.77	43.8	-
FORD	5R55N, 5R55S, 5R55W; A4LD; A4LD Multi-Plate	HBFD01			40.98	-	55.5	FD-90-20BG
FORD	5R55N, 5R55S, 5R55W; A4LD; A4LD Multi-Plate	HBFD13			40.9	-	54.5	FD-90-24BG
FORD	5R55N, 5R55S, 5R55W; A4LD; A4LD Multi-Plate	HBFD16			40.9	-	57	FD-90-35BG
GM	258mm LU (4T65E); 245mm LU (3T40, 3L30, TH125C, TH200C, 4T60E, TH440-R4, TH700-R4, 4L60, 4L60E, S-10 only)	HBGM02			56.8	45.42	24	GM-90-17G

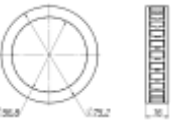
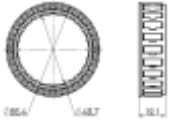
Transmission maker	Application	Article	Drawing	Image	Flange O.D., mm	Journal diameter, mm	Height, mm	Ref.:
GM	245mm LU Euro (5L40-E); 258mm LU (4L60E, 5L40E)	HBGM35			44.4	-	52.45	GM-90-70G
HYUNDAI/KIA	A6MF1; A6MF2; A6F24	HBHK01			96.7	43	38	HK-90-1G
HYUNDAI/KIA	A6LF3	HBHK02			84	47	39.4	HK-90-2G
HYUNDAI/KIA	A4CF1, A4CF2	HBHK06			80.6	42.97	44	-
JATCO/NISSAN	JF405E (SR410, SR412, SR413)	HBJA11			53	31.5	43	-
JATCO/NISSAN	JF414E	HBJA12			78	42	38	-
RENAULT/PEUGEOT	DPO & AL4, 2005-Later; DPO & AL4, Early	HBRE02			88.2	54.41	41.2	RE-90-1G
TOYOTA/LEXUS	A750E; A760E; A761E	HBT018			82.9	38.03	52.5	-
TOYOTA/LEXUS; AISIN AW	A750E; A960E/F; TB-65SN	HBT019			81.9	38	48.7	TO-90-23G
ZF	ZF5HP19, Captive Clutch; ZF5HP19, Single Friction	HBZF07			68.5	45	48.5	FS-90-9G

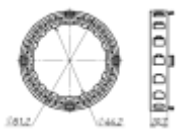
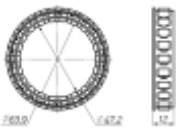
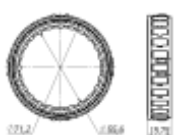
6. SPRAGS

THE PRINCIPLE OF FORMING OF THE KINERGO® SPRAG ARTICLE:



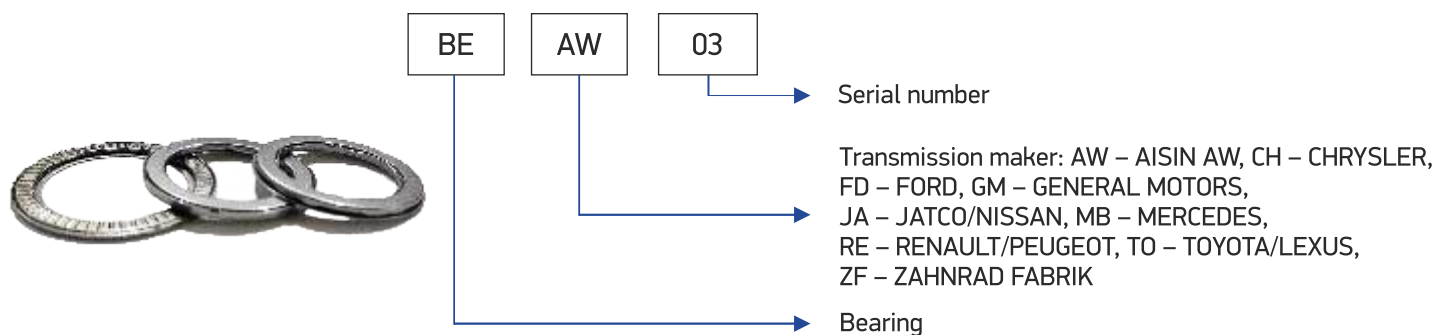
Transmission maker	Application	Article	Drawing	Image	Race O.D., mm	Race I.D., mm	Width, mm	Sprag element count, mm	Ref.:
ALLISON; AISIN AW; TOYOTA/LEXUS	1000/2000/2400, 2006 Later; 1000/2000/2400, 2006 Early; AS68RC (A465); AS69RC; A860E	SGAL01	—		83	67	19	29	AL-SP-1
AISIN AW; VW/AUDI	TR-60SN; TR-60SN, Captive clutch; 09D; 09D, Captive clutch;	SGAW01			69.2	53.1	13	24	-
AISIN AW; FORD; JATCO/NISSAN	55-50SN; AF33; RE5F22A	SGBW01			66.6	49.9	8.7	23	BW-SP-3
AISIN AW; VW/AUDI; FORD; HYUNDAI/KIA	TR-80SD; TF-80SC; OC8; AF40; A5HF1; A6LF3; A6MF2	SGBW02			69.5	53.4	8.6	24	BW-SP-2
FORD ZF	5R55N, 5R55S, 5R55W; ZF4HP24; ZF5HP19, Captive Clutch; ZF5HP19, Single Friction; ZF6HP19, 245mm; ZF6HP19, 255mm; ZF6HP26, 255mm; ZF6HP26, 280mm; ZF6HP28	SGBW03			66.4	49.7	11.6	18	BW-SP-4
HONDA/ACURA; GM; AISIN AW; VW/AUDI	MT4A (MDX); 6T40/6T45 (236mm); 6T30; TF-60SN; 09G	SGBW04			64.1	47.2	8.8	22	BW-SP-5

Transmission maker	Application	Article	Drawing	Image	Race O.D., mm	Race I.D., mm	Width, mm	Sprag element count, mm	Ref.:
BORG WARNER; ZF	BW 11" Industrial; BW 35 & 65, 11"; BW 8 & 12, 11"; BW Bolted Aluminium; ZF5HP30	SGBW05			71.4	54.8	15.9	20	BW-SP-1
FORD	4R44E, 4R55E, 5R55E; 5R55N, 5R55S, 5R55W	SGFD01	—		71.2	54.7	16.7	24	-
FORD; CHRYSLER	A4LD; A727	SGFD02	—		66.4	49.7	19.1	24	-
AISIN AW; GM	03-72LE (A44DE); TH180, TH180C, 3L30, TH700-R4, 4L60, 4L60E	SGGM01			75.2	56.8	16	26	-
GM	4L60, 4L60E, 4L65E, 4L70E, TH700-R4	SGGM02			79.9	61.8	16.3	29	-
JATCO/NISSAN; INDUSTRIAL	RE4R03A, 280mm; Nissan Forklift; Komatsu	SGJA01			66.4	49.7	19.1	22	MI-SP-4
JATCO/NISSAN	JF015E (RE0F11A)	SGJA02	—		58	42	8	18	-
INDUSTRIAL	JCB 3DX Backhoe Loader	SGJC01	—		73.8	59.3	20.2	26	-
MITSUBISHI; TOYOTA/LEXUS	F4A51/R4A51, F5A51/R5A51; U140E	SGMT01			57.2	41.5	13.5	18	-
MAZDA	FN4A-EL	SGMZ01			60.2	53.1	9.8	20	-

Transmission maker	Application	Article	Drawing	Image	Race O.D., mm	Race I.D., mm	Width, mm	Sprag element count, mm	Ref.:
RENAULT/ PEUGEOT	DPO & AL4, 2005-Later; DPO & AL4, Early	SGRE01			61.2	44.2	10.7	16	RE-SP-1
BTR/SSANG YONG/DSI	M11 (DSI)	SGSY01			73.7	57.9	8.9	24	-
AISIN AW; JATCO/NISSAN	450-43LE; JR403E (RG4R01A)	SGT001			69	52.7	16.2	24	TO-SP-1
TOYOTA/LEXUS; JATCO/NISSAN	A340H; JF403; RE4F04A/V	SGT002			63.9	47.2	12	22	-
INDUSTRIAL	FORKLIFT	SGXX03	—		88.9	72.2	21	30	MI-SP-3
INDUSTRIAL	Caterpillar Forklift; Case Forklift	SGXX04	—		74.4	57.8	16	26	-
INDUSTRIAL	FORKLIFT	SGXX05			99.5	86.4	25.4	-	-
VW/AUDI; ZF	096 LU (01M); 097, 098 (01N, 01P); ZF3HP22; ZF4HP18; ZF4HP16; ZF4HP22; ZF5HP24	SGZF01			67.4	48.3	13.7	22	-
CHRYSLER; INDUSTRIAL; BORG WARNER; ZF	A999; BW 11" Industrial; 11" Industrial; ZF4HP22; ZF4HP24; ZF5HP30	SGZF03			71.2	55.6	15.75	24	-

7. BEARINGS

THE PRINCIPLE OF FORMING OF THE KINERGO® BEARING ARTICLE:

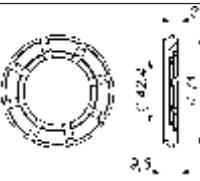
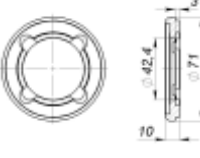


Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Bearing type, mm	Ref.:
AISIN AW; VW/AUDI; HYUNDAI/KIA; FORD	TF-80SC; TF-81SC; TR-80SD 0C8; A5HF1; A6LF3; AF21; AF40	New BEAW01			113	90.4	5	Enclosed	AW-N-1
AISIN AW; VW/AUDI; HYUNDAI/KIA; FORD	TF-80SC; TF-81SC; TR-80SD 0C8; A5HF1; A6LF3; A6MF1; AF21	New BEAW02			107	85	5	Enclosed	AW-N-2
AISIN AW; VW/AUDI; FORD	TF-60SN; TF-81SC; 09G; AF21	BEAW03			87.38	61.77	3.28	Partially enclosed	AW-N-3
CHRYSLER; FORD; GM; MAZDA; TOYOTA/LEXUS; VW/AUDI	10" LU (A606, 42LE); 10-3/4" LU, Late (A500, A518); 45RFE, 545RFE; 6F50/6F55; 4EAT-G; 6T70/6T75; G4A-EL; A340H; 096	BECH01			71.8	48.2	4.5	Enclosed	CH-N-1
CHRYSLER; JATCO/NISSAN	10" (A604, A606, 41TE, 42LE); 62TE; 45RFE, 545RFE; JR710E (RE7R01A)	BECH03			73.46	53	4.67	Enclosed	CH-N-2
FORD	4R100; 5R110W, 8-Stud; 5R110W, 6-Stud	BEFD02			58	39.15	3.6	Enclosed	FD-N-6
FORD	5R55N, 5R55S, 5R55W	BEFD03			73.15	46.32	5	Enclosed	FD-N-7

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Bearing type, mm	Ref.:
FORD	A4LD; A4LD Multi-Plate	BEFD08			63.2	37.6	5.3	Enclosed	-
FORD	A4LD; A4LD Multi-Plate	BEFD09			59.6	40.2	3	Open	-
GM MAZDA; FORD	245mm LU (3T40, 3L30, TH125C, TH200C, 4T60E, TH440-R4, TH700-R4, 4L60, 4L60E, S-10 only); 6L45, 6L50; 245mm LU Euro (5L40-E); 258mm LU (4L60E, 5L40E); 258mm LU (4T65E); 265mm LU (4T60E, 4T80E); Saturn TAAT; 6L80 (258mm); 4EAT-F; 6F35; 6R60, 6R75W; 6R80 260mm, Late; 6R80 280mm, Early	BEGM01			86.2	63.25	3.9	Enclosed	GM-N-11
GM	280mm LU (4L60E) VJCX; 300mm LU (4L60E); 4L80E Late (Single Stator)	BEGM02			92.8	66.4	4	Enclosed	GM-N-18
GM	280mm LU (4L60E) VJCX; 300mm LU (4L60E); 6L80, 6L80E, 6L90 (300mm); 4L80E Late (Single Stator)	BEGM03			92.8	66	4.5	Enclosed	GM-N-20
GM; CHRYSLER; BORG WARNER; ALLISON	298mm LU (TH250C, TH350C, TH200-4R, TH700-R4, 4L60, 4L60E); 3L80 (TH400); 68RFE; A618, 47RH, 47RE, 48RE (BW 310mm LU) BW 310mm LU BW 310mm NLU; AT 540	BEGM04			83.2	60.9	6.7	Enclosed	GM-N-8HLT
GM	4L80E (Dual Stator); 4L80E Early (Single Stator)	BEGM09			98	69.2	4.8	Enclosed	GM-N-17
JATCO/NISSAN	JF015E (RE0F11A)	BEJA12			68.8	48.2	4.8	Enclosed	-
MERCEDES	722.6; 722.9	BEMB01			65.6	44.2	5	Enclosed	MB-N-1

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Bearing type, mm	Ref.:
MERCEDES	722.6, 722.9	BEMB02			75.8	55.2	5	Enclosed	MB-N-2
MERCEDES	722.6, 722.9	BEMB03			51.3	33.35	4.1	Enclosed	MB-N-3
RENAULT/ PEUGEOT	DPO & AL4, 2005-Later; DPO & AL4, Early	BERE01			75.4	52.4	3.6	Enclosed	RE-N-2
TOYOTA/LEXUS; AISIN AW	A340H; A960E/A960F; U250E; A440L; A760E; TB-65SN	BET001			68.3	44	3.8	Partially enclosed	TO-N-6
TOYOTA/LEXUS; AISIN AW; VW/AUDI	A442F; A541E; A750E; U140E; TR-60SN; 09D	BET003			72.3	44.2	3.8	Partially enclosed	TO-N-11
TOYOTA/LEXUS; AISIN AW	A42DE/A42DL, A43DE/A43DL, A44DE/A44DL, A45DE/A45DL; A140; A130; A440F; A44D; A540E; A541E; A760E; A960E/A960F TB-65SN	BET007			61.7	38	3.8	Partially enclosed	TO-N-13
ZF	ZF4HP16; ZF5HP19, Captive Clutch; ZF5HP19, Single Friction; ZF5HP24; ZF6HP19, 245mm; ZF6HP26, 255mm; ZF6HP26, 260mm; ZF8HP45; ZF8HP55; ZF8HP70	BEZF03			63.9	38.35	4.6	Enclosed	FS-N-4

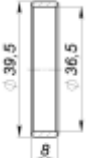
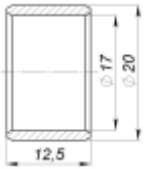
8. STATOR CAPS

Transmission maker	Application	Article	Drawing	Image	O. D., mm	I. D., mm	Thickness, mm	Ref.:
ZF	ZF5HP19 (Captive Clutch)	SCZF01			71	42.4	9.3	FS-WA-10
ZF	ZF4HP16; ZF4HP20; ZF5HP19 (Captive Clutch); ZF5HP19 (Single Friction)	SCZF02			71	42.4	10	FS-WA-11

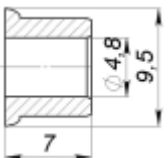
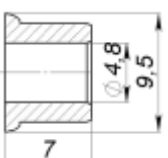
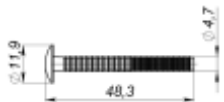
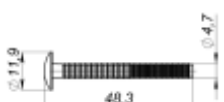
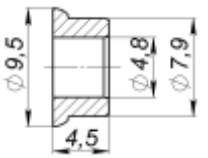
9. SPRINGS AND SPRING PLUGS

Transmission maker	Application	Article	Drawing	Image	O.D., mm	Wire cross section, mm	Length, mm	Ref.:
CHRYSLER	10-3/4" LU, Early (A904, TF6, A727, T8); 9-1/2" LU (A413, A470, A670, A604)	SPCH11			12.1	1.8	60.5	CH-SD-Y
FORD	6F35	SPFD05			18	2.5	90	-
FORD	6F35	SPFD06			18	2.8	95	-
Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th.,mm	Ref.:
FORD	6F35	CPFD01			18	12	11.5	-
FORD	6F35	CPFD02			18	12	6	-
ZF	ZF6HP28	CPZF01			18.5	13	8.5	-
ZF	ZF6HP21	CPZF02			17	13	6	-
CHRYSLER; ZF	948TE; ZF8HP45; ZF8HP55; ZF8HP70; ZF9HP48	CPZF03			21.6	13.5	18	-
ZF	ZF8HP45	CPZF04			17	11.5	6	-
CHRYSLER; ZF	948TE; ZF8HP45; ZF8HP55; ZF8HP70; ZF9HP48	 CPZF05			21.6	13.5	14	-

10. BUSHINGS

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D., mm	Th., mm	Ref.:
JATCO/NISSAN	JF011E (RE0F10A)	BUJA03			39.5	36.5	8	JA-B-3
MERCEDES	722.6; 722.9	BUMB01			20	17	12.5	MB-B-1
MERCEDES	722.9 LATE	BUMB02			35	24	16.4	-

11. RIVETS

Transmission maker	Application	Article	Drawing	Image	Length, mm	O.D., mm (Rod diameter, mm)	I.D., mm (Head diameter, mm)	Ref.:
RENAULT/PEUGEOT	DP0 & AL4, Early	RVRE01-100			7	9.5	4.8	RE-FN-1
RENAULT/PEUGEOT	DP0 & AL4, Early	RVRE01-50			7	9.5	4.8	RE-FN-1
RENAULT/PEUGEOT	DP0 & AL4, Early	RVRE03-100			48.3	11.9	4.7	RE-RV-2
RENAULT/PEUGEOT	DP0 & AL4, Early	RVRE03-50			48.3	11.9	4.7	RE-RV-2
RENAULT/PEUGEOT	DP0 & AL4, 2005-Later	RVRE04			4.5	9.5	4.8	RE-FN-3

12. TOOLING AND ADAPTERS FOR 722.9 7G-TRONIC

Transmission maker	Application	Article	Drawing	Image	Description
MERCEDES	722.9; 722.9 LATE	BUMB02T			Adapter for pressing Diameter: 36 mm Length: 55.5 mm Shank diameter: 16.4 mm
MERCEDES	722.9; 722.9 LATE	TLMB01			Tooling for drilling Outer diameter: 115 mm Inner diameter: 38 mm Thickness: 36 mm
MERCEDES	722.9; 722.9 LATE	TPH1			Tap Holder Type1 (knob) Width; 9.8 mm Height; 28.5 mm
MERCEDES	722.9; 722.9 LATE	TPM6			Tap M6x1 for blind holes Thread: M6 Length: 71.2 mm

13. WASHERS

Transmission maker	Application	Article	Drawing	Image	Description	Ref.:
MERCEDES	722.9 LATE	SHMB01K			8 pcs. metal washer SHMB01. 8 pcs. hex screws. 8 pcs. SHMB02 sealing rings (paronite). Thread: M6.	MB-FN-2K

14. REPAIR SPACERS

Transmission maker	Application	Article	Drawing	Image	O.D., mm	I.D.,mm	Height, mm
AISIN AW	TF-72SC	FWAW01			65	51.5	2.4
AISIN AW	TF-72SC	FWAW02			66.5	54.5	2



KINERGO Inc.
11880 Bustleton Ave 102
Philadelphia, PA 19116, USA
Tel.: +1 484 5 101873
e-mail: sales@kinergo.us
www.kinergo.us

dated 100323