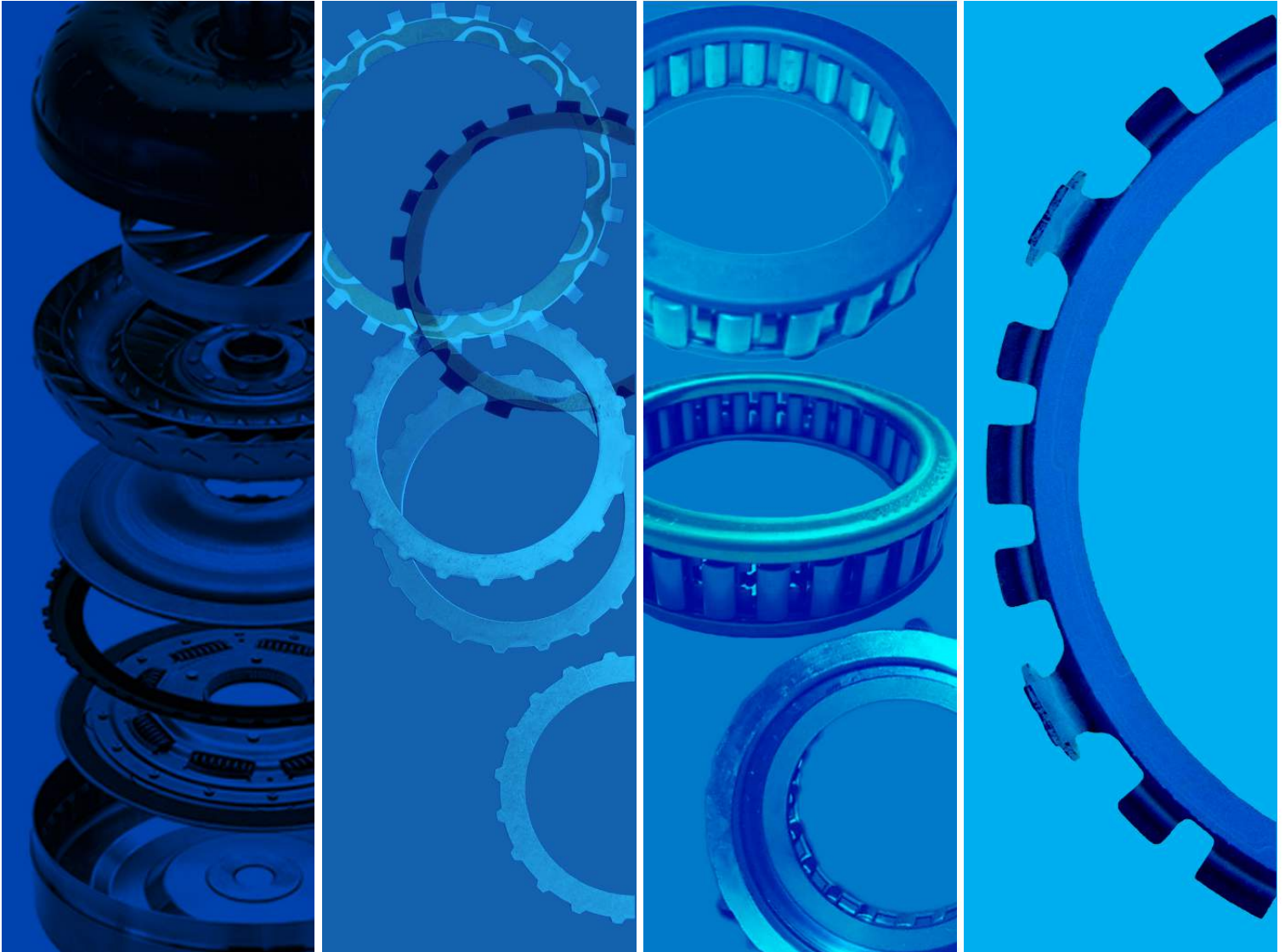




ALTO PRODUCTS CORP.

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TORQUE CONVERTER

Torque Converter Rings

GM 245mm, L4N71B

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1014G3	9.125	8.250	0.045	Brown	N/A	N/A	N/A	N/A
T1014K2	9.125	8.250	0.045	Green	N/A	N/A	N/A	N/A
T1017K2	9.125	8.250	0.070	Green	N/A	N/A	N/A	N/A
T1014TN	9.125	8.250	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1024G3	9.125	7.750	0.045	Brown	N/A	N/A	TX-23-15	N/A
T1024K2	9.125	7.750	0.045	Green	N/A	N/A	TX-23-15	N/A
T1027K2	9.125	7.750	0.070	Green	N/A	N/A	TX-23-15	N/A
T1024TN	9.125	7.750	0.045	Tan	N/A	N/A	TX-23-15	N/A

AX4S, AX4N, AXODE, CD4E, JF403, RL4F03A, 4EAT, 4EAT-F, G4A-HL, KM175-5, KM177

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1034G3	9.250	8.125	0.045	Brown	R445120	B45120	FX-23-6	FD-F-4
T1034K2	9.250	8.125	0.045	Green	R445120	B45120	FX-23-6	FD-F-4
T1037K2	9.250	8.125	0.070	Green	R445120	B45120	FX-23-6	FD-F-4
T1034TN	9.250	8.125	0.045	Tan	R445120	B45120	FX-23-6	FD-F-4

Chrysler A604, A670

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1044G3	9.625	7.875	0.045	Brown	N/A	N/A	N/A	N/A
T1044K2	9.625	7.875	0.045	Green	N/A	N/A	N/A	N/A
T1047K2	9.625	7.875	0.070	Green	N/A	N/A	N/A	N/A
T1044TN	9.625	7.875	0.045	Tan	N/A	N/A	N/A	N/A

Chry 10 LU, 4R55E, A140, 4R55E, A140, 6HP26, AXOD, AXODE 3.8L

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1054G3	9.750	8.250	0.045	Brown	R445070	B45070	YX-23-3	FD-F-3
T1054K2	9.750	8.250	0.045	Green	R445070	B45070	YX-23-3	FD-F-3
T1057K2	9.750	8.250	0.070	Green	R445070	B45070	YX-23-3	FD-F-3
T1054TN	9.750	8.250	0.045	Tan	R445070	B45070	YX-23-3	FD-F-3

JF506E, RE4F04A/V RE4R01A, 5HP19, KM175-176

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1064G3	9.875	8.750	0.045	Brown	R445050	B45050	JX-23-22	NI-F-3
T1064K2	9.875	8.750	0.045	Green	R445050	B45050	JX-23-22	NI-F-3
T1067K2	9.875	8.750	0.070	Green	R445050	B45050	JX-23-22	NI-F-3
T1064TN	9.875	8.750	0.045	Tan	R445050	B45050	JX-23-22	NI-F-3

A340H, A42, A43, A44, A45DE,DL A4LD, 4R55E Front Cover

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1074G3	10.000	8.250	0.045	Brown	R445040	B45040	YX-23-1	TO-F-1
T1074K2	10.000	8.250	0.045	Green	R445040	B45040	YX-23-1	TO-F-1
T1077K2	10.000	8.250	0.070	Green	R445040	B45040	YX-23-1	TO-F-1
T1074TN	10.000	8.250	0.045	Tan	R445040	B45040	YX-23-1	TO-F-1

Chrysler 9-1/2 LU

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1084G3	10.313	8.750	0.045	Brown	N/A	N/A	N/A	N/A
T1084K2	10.313	8.750	0.045	Green	N/A	N/A	N/A	N/A

Torque Converter Rings

T1087K2	10.313	8.750	0.070	Green	N/A	N/A	N/A	N/A
T1084TN	10.313	8.750	0.045	Tan	N/A	N/A	N/A	N/A

RE4R03A

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1094G3	10.563	9.125	0.045	Brown	N/A	N/A	TX-22X	CH-F-1
T1094K2	10.563	9.125	0.045	Green	N/A	N/A	TX-22X	CH-F-1
T1097K2	10.563	9.125	0.070	Green	N/A	N/A	TX-22X	CH-F-1
T1094TN	10.563	9.125	0.045	Tan	N/A	N/A	TX-22X	CH-F-1

GM 298mm, 300mm

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1104G3	11.125	10.000	0.045	Brown	R445250	B45250	SX-23-4	GM-F-1
T1104K2	11.125	10.000	0.045	Green	R445250	B45250	SX-23-4	GM-F-1
T1107K2	11.125	10.000	0.070	Green	R445250	B45250	SX-23-4	GM-F-1
T1104TN	11.125	10.000	0.045	Tan	R445250	B45250	SX-23-4	GM-F-1

4L80E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1124G3	11.500	10.250	0.045	Brown	R445240	B45240	PX-23-11	N/A
T1124K2	11.500	10.250	0.045	Green	R445240	B45240	PX-23-11	N/A
T1127K2	11.500	10.250	0.070	Green	R445240	B45240	PX-23-11	N/A
T1124TN	11.500	10.250	0.045	Tan	R445240	B45240	PX-23-11	N/A

A618

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1134G3	10.563	9.125	0.045	Brown	R445230	B45230	SX-23-35	GM-F-10
T1134K2	12.563	10.800	0.045	Green	R445230	B45230	SX-23-35	GM-F-10
T1137K2	10.563	9.125	0.070	Green	R445230	B45230	SX-23-35	GM-F-10
T1134TN	12.563	10.800	0.045	Tan	R445230	B45230	SX-23-35	GM-F-10

E40D

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1164G3	11.500	10.000	0.045	Brown	R445010	B45010	FX-23-10	N/A
T1164K2	11.500	10.000	0.045	Green	R445010	B45010	FX-23-10	N/A
T1167K2	11.500	10.000	0.070	Green	R445010	B45010	FX-23-10	N/A
T1164TN	11.500	10.000	0.045	Tan	R445010	B45010	FX-23-10	N/A

AODE

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1174G3	10.500	9.250	0.045	Brown	N/A	N/A	N/A	N/A
T1174K2	10.500	9.250	0.045	Green	N/A	N/A	N/A	N/A
T1177K2	10.500	9.250	0.070	Green	N/A	N/A	N/A	N/A
T1174TN	10.500	9.250	0.045	Tan	N/A	N/A	N/A	N/A

AODE, 4R70W

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1184G3	11.250	10.000	0.045	Brown	R445551	B45551	FX-23-28M	N/A
T1184K2	11.250	10.000	0.045	Green	R445551	B45551	FX-23-28M	N/A
T1187K2	11.250	10.000	0.070	Green	R445551	B45551	FX-23-28M	N/A

Torque Converter Rings

T1184TN	11.250	10.000	0.045	Tan	R445551	B45551	FX-23-28M	N/A
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4F27E, FN4A-EL, G4A-EL VW 096, 097, 098 Honda, Sterling

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1194G3	9.500	8.500	0.045	Brown	R445090	B45090	NX-23-2	MZ-F-1
T1194K2	9.500	8.500	0.045	Green	R445090	B45090	NX-23-2	MZ-F-1
T1197K2	9.500	8.500	0.070	Green	R445090	B45090	NX-23-2	MZ-F-1
T1194TN	9.500	8.500	0.045	Tan	R445090	B45090	NX-23-2	MZ-F-1

4EAT-G, KM175. KM176

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1204G3	9.000	8.000	0.045	Brown	R445390	B45390	TX-23-6	CC-F-1
T1204K2	9.000	8.000	0.045	Green	R445390	B45390	TX-23-6	CC-F-1
T1207K2	9.000	8.000	0.070	Green	R445390	B45390	TX-23-6	CC-F-1
T1204TN	9.000	8.000	0.045	Tan	R445390	B45390	TX-23-6	CC-F-1

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1224G3	12.250	10.125	0.045	Brown	N/A	N/A	N/A	N/A
T1224K2	12.250	10.125	0.045	Green	N/A	N/A	N/A	N/A
T1227K2	12.250	10.125	0.070	Green	N/A	N/A	N/A	N/A
T1224TN	12.250	10.125	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1234G3	7.177	6.294	0.045	Brown	N/A	N/A	N/A	N/A
T1234K2	7.177	6.294	0.045	Green	N/A	N/A	N/A	N/A
T1237K2	7.177	6.294	0.070	Green	N/A	N/A	N/A	N/A
T1234TN	7.177	6.294	0.045	Tan	N/A	N/A	N/A	N/A

AW81-40, U440E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1244G3	8.070	7.280	0.045	Brown	R445640	B45640	N/A	N/A
T1244K2	8.070	7.280	0.045	Green	R445640	B45640	N/A	N/A
T1247K2	8.070	7.280	0.070	Green	R445640	B45640	N/A	N/A
T1244TN	8.070	7.280	0.045	Tan	R445640	B45640	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1254G3	10.125	7.500	0.045	Brown	N/A	N/A	JX-23-24	N/A
T1254K2	10.125	7.500	0.045	Green	N/A	N/A	JX-23-24	N/A
T1257K2	10.125	7.500	0.070	Green	N/A	N/A	JX-23-24	N/A
T1254TN	10.125	7.500	0.045	Tan	N/A	N/A	JX-23-24	N/A

Chry 10-3/4, RE4R03A

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1264G3	10.563	9.250	0.045	Brown	R445190	B45190	N/A	N/A

Torque Converter Rings

T1264K2	10.563	9.250	0.045	Green	R445190	B45190	N/A	N/A
T1267K2	10.563	9.250	0.070	Green	R445190	B45190	N/A	N/A
T1264TN	10.563	9.250	0.045	Tan	R445190	B45190	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1284G3	10.000	9.000	0.045	Brown	R445370	B45370	N/A	N/A
T1284K2	10.563	9.250	0.045	Green	R445370	B45370	N/A	N/A
T1287K2	10.000	9.000	0.070	Green	R445370	B45370	N/A	N/A
T1284TN	10.563	9.250	0.045	Tan	R445370	B45370	N/A	N/A

GM 265mm

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1294G3	10.375	9.375	0.045	Brown	R445270	B45270	SX-23-32	GM-F-9
T1294K2	10.375	9.375	0.045	Green	R445270	B45270	SX-23-32	GM-F-9
T1297K2	10.375	9.375	0.070	Green	R445270	B45270	SX-23-32	GM-F-9
T1294TN	10.375	9.375	0.045	Tan	R445270	B45270	SX-23-32	GM-F-9

RL4F02A

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1304G3	9.750	9.000	0.045	Brown	R445060	B45060	N/A	N/A
T1304K2	9.750	9.000	0.045	Green	R445060	B45060	N/A	N/A
T1307K2	9.750	9.000	0.070	Green	R445060	B45060	N/A	N/A
T1304TN	9.750	9.000	0.045	Tan	R445060	B45060	N/A	N/A

Allison 1000

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1314G3	12.340	10.250	0.045	Brown	R445350	B45350	SX-23-44	AL-F-5
T1314K2	12.340	10.250	0.045	Green	R445350	B45350	SX-23-44	AL-F-5
T1317K2	12.340	10.250	0.070	Green	R445350	B45350	SX-23-44	AL-F-5
T1314TN	12.340	10.250	0.045	Tan	R445350	B45350	SX-23-44	AL-F-5

4R100, 5R110W, JR403E, RE4R03A

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1344G3	10.750	9.500	0.045	Brown	R445020	B45020	JX-23-23	JA-F-5
T1344K2	10.750	9.500	0.045	Green	R445020	B45020	JX-23-23	JA-F-5
T1347K2	10.750	9.500	0.070	Green	R445020	B45020	JX-23-23	JA-F-5
T1344TN	10.750	9.500	0.045	Tan	R445020	B45020	JX-23-23	JA-F-5

41TE, 42LE 10 B7TA, B7VA, B7YA

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1354G3	10.000	8.750	0.045	Brown	R445200	B45200	TX-23-17	N/A
T1354K2	10.000	8.750	0.045	Green	R445200	B45200	TX-23-17	N/A
T1357K2	10.000	8.750	0.070	Green	R445200	B45200	TX-23-17	N/A
T1354TN	10.000	8.750	0.045	Tan	R445200	B45200	TX-23-17	N/A

Various

Torque Converter Rings

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1364G3	9.921	7.921	0.045	Brown	R445205	B45205	N/A	N/A
T1364K2	9.921	7.921	0.045	Green	R445205	B45205	N/A	N/A
T1367K2	9.921	7.921	0.070	Green	R445205	B45205	N/A	N/A
T1364TN	9.921	7.921	0.045	Tan	R445205	B45205	N/A	N/A

AX4S, AX4N, AXODE, CD4E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1374G3	9.750	8.125	0.045	Brown	R445080	B45080	N/A	N/A
T1374K2	9.750	8.125	0.045	Green	R445080	B45080	N/A	N/A
T1377K2	9.750	8.125	0.070	Green	R445080	B45080	N/A	N/A
T1374TN	9.750	8.125	0.045	Tan	R445080	B45080	N/A	N/A

GM 258mm

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1384G3	9.625	8.375	0.045	Brown	R445290	B45290	N/A	N/A
T1384K2	9.625	8.375	0.045	Green	R445290	B45290	N/A	N/A
T1387K2	9.625	8.375	0.070	Green	R445290	B45290	N/A	N/A
T1384TN	9.625	8.375	0.045	Tan	R445290	B45290	N/A	N/A

Chry 9-1/2

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1394G3	9.625	7.625	0.045	Brown	R445210	B45210	TX-23-18	CH-F-10
T1394K2	9.625	7.625	0.045	Green	R445210	B45210	TX-23-18	CH-F-10
T1397K2	9.625	7.625	0.070	Green	R445210	B45210	TX-23-18	CH-F-10
T1394TN	9.625	7.625	0.045	Tan	R445210	B45210	TX-23-18	CH-F-10

BTR

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1414G3	10.500	8.625	0.045	Brown	R445030	B45030	FX-23-13	FD-F-8
T1414K2	10.500	8.625	0.045	Green	R445030	B45030	FX-23-13	FD-F-8
T1417K2	10.500	8.625	0.070	Green	R445030	B45030	FX-23-13	FD-F-8
T1414TN	10.500	8.625	0.045	Tan	R445030	B45030	FX-23-13	FD-F-8

Chry 10-3/4

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1434G3	10.750	9.125	0.045	Brown	R445180	B45180	N/A	N/A
T1434K2	10.750	9.125	0.045	Green	R445180	B45180	N/A	N/A
T1437K2	10.750	9.125	0.070	Green	R445180	B45180	N/A	N/A
T1434TN	10.750	9.125	0.045	Tan	R445180	B45180	N/A	N/A

GM 245mm, HP 10" Kit: AODE/4R70W GM 298/300mm, 4L80E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1444G3	9.000	7.750	0.045	Brown	R445320	B45320	SX-23-13	CH-F-5
T1444K2	9.000	7.750	0.045	Green	R445320	B45320	SX-23-13	CH-F-5
T1447K2	9.000	7.750	0.070	Green	R445320	B45320	SX-23-13	CH-F-5
T1444TN	9.000	7.750	0.045	Tan	R445320	B45320	SX-23-13	CH-F-5

Torque Converter Rings

Chry 9-1/2

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1454G3	9.125	7.745	0.045	Brown	R445220	B45220	TX-23-15	N/A
T1454K2	9.125	7.745	0.045	Green	R445220	B45220	TX-23-15	N/A
T1457K2	9.125	7.745	0.070	Green	R445220	B45220	TX-23-15	N/A
T1454TN	9.125	7.745	0.045	Tan	R445220	B45220	TX-23-15	N/A

AS/F4

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1464G3	8.750	7.750	0.045	Brown	R445150	B45150	NX-23-1	HO-F-1
T1464K2	8.750	7.750	0.045	Green	R445150	B45150	NX-23-1	HO-F-1
T1467K2	8.750	7.750	0.070	Green	R445150	B45150	NX-23-1	HO-F-1
T1464TN	8.750	7.750	0.045	Tan	R445150	B45150	NX-23-1	HO-F-1

RL3F01A, RL4F02A, RE4R01A

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1474G3	9.250	8.313	0.045	Brown	R445110	B45110	JX-23-20	MZ-F-1
T1474K2	9.250	8.313	0.045	Green	R445110	B45110	JX-23-20	MZ-F-1
T1477K2	9.250	8.313	0.070	Green	R445110	B45110	JX-23-20	MZ-F-1
T1474TN	9.250	8.313	0.045	Tan	R445110	B45110	JX-23-20	MZ-F-1

4F50N, 5R55

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1484G3	9.000	7.500	0.045	Brown	R445570	N/A	N/A	N/A
T1484K2	9.000	7.500	0.045	Green	R445570	N/A	N/A	N/A
T1487K2	9.000	7.500	0.070	Green	R445570	N/A	N/A	N/A
T1484TN	9.000	7.500	0.045	Tan	R445570	N/A	N/A	N/A

Chry 10 LU, A440F AW55-50SN

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1494G3	10.250	8.625	0.045	Brown	R445280	B45280	N/A	N/A
T1494K2	10.250	8.625	0.045	Green	R445280	B45280	N/A	N/A
T1497K2	10.250	8.625	0.070	Green	R445280	B45280	N/A	N/A
T1494TN	10.250	8.625	0.045	Tan	R445280	B45280	N/A	N/A

GM 245mm, L4N71B

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1504G3	9.000	8.250	0.045	Brown	R445310	B45310	JX-23-3	GM-F-3
T1504K2	9.000	8.250	0.045	Green	R445310	B45310	JX-23-3	GM-F-3
T1507K2	9.000	8.250	0.070	Green	R445310	B45310	JX-23-3	GM-F-3
T1504TN	9.000	8.250	0.045	Tan	R445310	B45310	JX-23-3	GM-F-3

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1514G3	8.500	7.250	0.045	Brown	R445360	B45360	N/A	N/A
T1514K2	8.500	7.250	0.045	Green	R445360	B45360	N/A	N/A

Torque Converter Rings

T1517K2	8.500	7.250	0.070	Green	R445360	B45360	N/A	N/A
T1514TN	8.500	7.250	0.045	Tan	R445360	B45360	N/A	N/A

GM 258mm, 4HP22, 5HP19, CD4E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1524G3	9.500	8.250	0.045	Brown	R445300	B45300	PX-23-9	FS-F-1
T1524K2	9.500	8.250	0.045	Green	R445300	B45300	PX-23-9	FS-F-1
T1527K2	9.500	8.250	0.070	Green	R445300	B45300	PX-23-9	FS-F-1
T1524TN	9.500	8.250	0.045	Tan	R445300	B45300	PX-23-9	FS-F-1

G M Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1554G3	8.000	6.375	0.045	Brown	N/A	N/A	SX-23-42	N/A
T1554K2	8.000	6.375	0.045	Green	N/A	N/A	SX-23-42	N/A
T1557K2	8.000	6.375	0.070	Green	N/A	N/A	SX-23-42	N/A
T1554TN	8.000	6.375	0.045	Tan	N/A	N/A	SX-23-42	N/A

DPO

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1574G3	7.500	6.685	0.045	Brown	R445420	B45420	RX-23-1	RE-F-1
T1574K2	7.500	6.685	0.045	Green	R445420	B45420	RX-23-1	RE-F-1
T1577K2	7.500	6.685	0.070	Green	R445420	B45420	RX-23-1	RE-F-1
T1574TN	7.500	6.685	0.045	Tan	R445420	B45420	RX-23-1	RE-F-1

DPO, AL4

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1584G3	7.930	7.100	0.045	Brown	R445620	B45620	N/A	N/A
T1584K2	7.930	7.100	0.045	Green	R445620	B45620	N/A	N/A
T1587K2	7.930	7.100	0.070	Green	R445620	B45620	N/A	N/A
T1584TN	7.930	7.100	0.045	Tan	R445620	B45620	N/A	N/A

L3N71B, A131

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1594G3	8.250	7.125	0.045	Brown	R445160	B45160	YX23-2	N/A
T1594K2	8.250	7.125	0.045	Green	R445160	B45160	YX23-2	N/A
T1597K2	8.250	7.125	0.070	Green	R445160	B45160	YX23-2	N/A
T1594TN	8.250	7.125	0.045	Tan	R445160	B45160	YX23-2	N/A

5R55N

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1604G3	8.250	7.281	0.045	Brown	N/A	N/A	FX-23-47	N/A
T1604K2	8.250	7.281	0.045	Green	N/A	N/A	FX-23-47	N/A
T1607K2	8.250	7.281	0.070	Green	N/A	N/A	FX-23-47	N/A
T1604TN	8.250	7.281	0.045	Tan	N/A	N/A	FX-23-47	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
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Torque Converter Rings

T1634G3	10.100	7.500	0.045	Brown	R445670	B45670	N/A	N/A
T1634K2	10.100	7.500	0.045	Green	R445670	B45670	N/A	N/A
T1637K2	10.100	7.500	0.070	Green	R445670	B45670	N/A	N/A
T1634TN	10.100	7.500	0.045	Tan	R445670	B45670	N/A	N/A

Nissan Micra

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1644G3	8.250	7.625	0.045	Brown	N/A	N/A	JX-23-24	N/A
T1644K2	8.250	7.625	0.045	Green	N/A	N/A	JX-23-24	N/A
T1647K2	8.250	7.625	0.070	Green	N/A	N/A	JX-23-24	N/A
T1644TN	8.250	7.625	0.045	Tan	N/A	N/A	JX-23-24	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1654G3	9.125	7.625	0.045	Brown	R445220	B45220	N/A	N/A
T1654K2	9.125	7.625	0.045	Green	R445220	B45220	N/A	N/A
T1657K2	9.125	7.625	0.070	Green	R445220	B45220	N/A	N/A
T1654TN	9.125	7.625	0.045	Tan	R445220	B45220	N/A	N/A

AX4S, AX4N

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1684G3	9.000	7.875	0.045	Brown	N/A	N/A	FX-23-29M	FD-F-15
T1684K2	9.000	7.875	0.045	Green	N/A	N/A	FX-23-29M	FD-F-15
T1687K2	9.000	7.875	0.070	Green	N/A	N/A	FX-23-29M	FD-F-15
T1684TN	9.000	7.875	0.045	Tan	N/A	N/A	FX-23-29M	FD-F-15

6HP19

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1694G3	9.134	7.875	0.045	Brown	R445740	B45740	N/A	N/A
T1694K2	9.134	7.875	0.045	Green	R445740	B45740	N/A	N/A
T1697K2	9.134	7.875	0.070	Green	R445740	B45740	N/A	N/A
T1694TN	9.134	7.875	0.045	Tan	R445740	B45740	N/A	N/A

TF60SN, A540E, 09G, TO-42

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1714G3	9.312	7.875	0.045	Brown	R445520	B45520	YX-23-12	N/A
T1714K2	9.312	7.875	0.045	Green	R445520	B45520	YX-23-12	N/A
T1717K2	9.312	7.875	0.070	Green	R445520	B45520	YX-23-12	N/A
T1714TN	9.312	7.875	0.045	Tan	R445520	B45520	YX-23-12	N/A

Chry 10 LU

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1724G3	9.125	7.945	0.045	Brown	R445225	B45225	N/A	N/A
T1724K2	9.125	7.945	0.045	Green	R445225	B45225	N/A	N/A
T1727K2	9.125	7.945	0.070	Green	R445225	B45225	N/A	N/A
T1724TN	9.125	7.945	0.045	Tan	R445225	B45225	N/A	N/A

A4LD Multi Clutch

Torque Converter Rings

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1794G3	9.375	8.125	0.045	Brown	R445100	B45100	FX-23-18	FD-F-10
T1794K2	9.375	8.125	0.045	Green	R445100	B45100	FX-23-18	FD-F-10
T1797K2	9.375	8.125	0.070	Green	R445100	B45100	FX-23-18	FD-F-10
T1794TN	9.375	8.125	0.045	Tan	R445100	B45100	FX-23-18	FD-F-10

Chrysler Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1804G3	10.125	8.125	0.045	Brown	N/A	N/A	TX-23-13	N/A
T1804K2	10.125	8.125	0.045	Green	N/A	N/A	TX-23-13	N/A
T1807K2	10.125	8.125	0.070	Green	N/A	N/A	TX-23-13	N/A
T1804TN	10.125	8.125	0.045	Tan	N/A	N/A	TX-23-13	N/A

A4LD, 4R55E, AXOD, AXODE

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1824G3	9.688	8.250	0.045	Brown	R445380	B45380	FX-23-19	FD-F-3
T1824K2	9.688	8.250	0.045	Green	R445380	B45380	FX-23-19	FD-F-3
T1827K2	9.688	8.250	0.070	Green	R445380	B45380	FX-23-19	FD-F-3
T1824TN	9.688	8.250	0.045	Tan	R445380	B45380	FX-23-19	FD-F-3

A340H

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1834G3	10.125	8.250	0.045	Brown	N/A	N/A	YX-23-8	N/A
T1834K2	10.125	8.250	0.045	Green	N/A	N/A	YX-23-8	N/A
T1837K2	10.125	8.250	0.070	Green	N/A	N/A	YX-23-8	N/A
T1834TN	10.125	8.250	0.045	Tan	N/A	N/A	YX-23-8	N/A

Focus FN, 5HP24

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1844G3	9.375	8.375	0.045	Brown	N/A	N/A	PX-23-11	N/A
T1844K2	9.375	8.375	0.045	Green	N/A	N/A	PX-23-11	N/A
T1847K2	9.375	8.375	0.070	Green	N/A	N/A	PX-23-11	N/A
T1844TN	9.375	8.375	0.045	Tan	N/A	N/A	PX-23-11	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1864G3	9.938	8.500	0.045	Brown	R445044	B45044	N/A	N/A
T1864K2	9.938	8.500	0.045	Green	R445044	B45044	N/A	N/A
T1867K2	9.938	8.500	0.070	Green	R445044	B45044	N/A	N/A
T1864TN	9.938	8.500	0.045	Tan	R445044	B45044	N/A	N/A

A440L

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1874G3	10.063	8.500	0.045	Brown	N/A	N/A	YX-23-10	N/A
T1874K2	10.063	8.500	0.045	Green	N/A	N/A	YX-23-10	N/A
T1877K2	10.063	8.500	0.070	Green	N/A	N/A	YX-23-10	N/A
T1874TN	10.063	8.500	0.045	Tan	N/A	N/A	YX-23-10	N/A

Torque Converter Rings

6T40

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1884G3	9.813	8.562	0.045	Brown	R445680	B45680	N/A	N/A
T1884K2	9.813	8.562	0.045	Green	R445680	B45680	N/A	N/A
T1887K2	9.813	8.562	0.070	Green	R445680	B45680	N/A	N/A
T1884TN	9.813	8.562	0.045	Tan	R445680	B45680	N/A	N/A

A440F

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1894G3	10.125	8.625	0.045	Brown	N/A	N/A	YX-23-11	N/A
T1894K2	10.125	8.625	0.045	Green	N/A	N/A	YX-23-11	N/A
T1897K2	10.125	8.625	0.070	Green	N/A	N/A	YX-23-11	N/A
T1894TN	10.125	8.625	0.045	Tan	N/A	N/A	YX-23-11	N/A

A440L

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1904G3	10.375	8.625	0.045	Brown	N/A	N/A	YX-23-7	TO-F-6
T1904K2	10.375	8.625	0.045	Green	N/A	N/A	YX-23-7	TO-F-6
T1907K2	10.375	8.625	0.070	Green	N/A	N/A	YX-23-7	TO-F-6
T1904TN	10.375	8.625	0.045	Tan	N/A	N/A	YX-23-7	TO-F-6

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1914G3	10.750	8.625	0.045	Brown	R445030	B45030	N/A	N/A
T1914K2	10.750	8.625	0.045	Green	R445030	B45030	N/A	N/A
T1917K2	10.750	8.625	0.070	Green	R445030	B45030	N/A	N/A
T1914TN	10.750	8.625	0.045	Tan	R445030	B45030	N/A	N/A

4HP24

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1964G3	9.938	8.938	0.045	Brown	R445064	B45064	N/A	N/A
T1964K2	9.938	8.938	0.045	Green	R445064	B45064	N/A	N/A
T1967K2	9.938	8.938	0.070	Green	R445064	B45064	N/A	N/A
T1964TN	9.938	8.938	0.045	Tan	R445064	B45064	N/A	N/A

A440L, A442F, U140E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1984G3	10.500	9.000	0.045	Brown	R445260	B45260	N/A	N/A
T1984K2	10.500	9.000	0.045	Green	R445260	B45260	N/A	N/A
T1987K2	10.500	9.000	0.070	Green	R445260	B45260	N/A	N/A
T1984TN	10.500	9.000	0.045	Tan	R445260	B45260	N/A	N/A

Chrysler 10-3/4 LU

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T1994G3	10.750	9.000	0.045	Brown	N/A	N/A	TX-23-14	CH-F-14
T1994K2	10.750	9.000	0.045	Green	N/A	N/A	TX-23-14	CH-F-14

Torque Converter Rings

T1997K2	10.750	9.000	0.070	Green	N/A	N/A	TX-23-14	CH-F-14
T1994TN	10.750	9.000	0.045	Tan	N/A	N/A	TX-23-14	CH-F-14

Chrysler 10-3/4 LU

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2014G3	10.500	9.125	0.045	Brown	N/A	N/A	TX-23X	N/A
T2014K2	10.500	9.125	0.045	Green	N/A	N/A	TX-23X	N/A
T2017K2	10.500	9.125	0.070	Green	N/A	N/A	TX-23X	N/A
T2014TN	10.500	9.125	0.045	Tan	N/A	N/A	TX-23X	N/A

AODE

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2044G3	10.526	9.313	0.045	Brown	N/A	N/A	FX-23-26M	FD-F-14
T2044K2	10.526	9.313	0.045	Green	N/A	N/A	FX-23-26M	FD-F-14
T2047K2	10.526	9.313	0.070	Green	N/A	N/A	FX-23-26M	FD-F-14
T2044TN	10.526	9.313	0.045	Tan	N/A	N/A	FX-23-26M	FD-F-14

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2054G3	10.250	9.375	0.045	Brown	N/A	N/A	N/A	RE-F-1
T2054K2	10.250	9.375	0.045	Green	N/A	N/A	N/A	RE-F-1
T2057K2	10.250	9.375	0.070	Green	N/A	N/A	N/A	RE-F-1
T2054TN	10.250	9.375	0.045	Tan	N/A	N/A	N/A	RE-F-1

450-43LE

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2064G3	11.000	9.560	0.045	Brown	R445440	B45440	N/A	N/A
T2064K2	11.000	9.560	0.045	Green	R445440	B45440	N/A	N/A
T2067K2	11.000	9.560	0.070	Green	R445440	B45440	N/A	N/A
T2064TN	11.000	9.560	0.045	Tan	R445440	B45440	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2074G3	11.250	9.700	0.045	Brown	R445410	B45410	N/A	N/A
T2074K2	11.250	9.700	0.045	Green	R445410	B45410	N/A	N/A
T2077K2	11.250	9.700	0.070	Green	R445410	B45410	N/A	N/A
T2074TN	11.250	9.700	0.045	Tan	R445410	B45410	N/A	N/A

4R100, 5R110W

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2094G3	11.125	9.813	0.045	Brown	N/A	N/A	FX-23-52	N/A
T2094K2	11.125	9.813	0.045	Green	N/A	N/A	FX-23-52	N/A
T2097K2	11.125	9.813	0.070	Green	N/A	N/A	FX-23-52	N/A
T2094TN	11.125	9.813	0.045	Tan	N/A	N/A	FX-23-52	N/A

E4OD, 1st Type

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
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Torque Converter Rings

T2134G3	11.625	10.000	0.045	Brown	N/A	N/A	FX-23-12	N/A
T2134K2	11.625	10.000	0.045	Green	N/A	N/A	FX-23-12	N/A
T2137K2	11.625	10.000	0.070	Green	N/A	N/A	FX-23-12	N/A
T2134TN	11.625	10.000	0.045	Tan	N/A	N/A	FX-23-12	N/A

Allison 3060 (with 9 holes)

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2144G3	11.581	10.000	0.045	Brown	N/A	N/A	MX-23-1	MI-F-3060K N/A
T2144K2	11.581	10.000	0.045	Green	N/A	N/A	MX-23-1	MI-F-3060K N/A
T2147K2	11.581	10.000	0.070	Green	N/A	N/A	MX-23-1	MI-F-3060K N/A
T2144TN	11.581	10.000	0.045	Tan	N/A	N/A	MX-23-1	MI-F-3060K N/A

GM 310mm, 4L80E

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2174G3	11.563	10.313	0.045	Brown	N/A	N/A	SX-23-25	GM-F-7
T2174K2	11.563	10.313	0.045	Green	N/A	N/A	SX-23-25	GM-F-7
T2177K2	11.563	10.313	0.070	Green	N/A	N/A	SX-23-25	GM-F-7
T2174TN	11.563	10.313	0.045	Tan	N/A	N/A	SX-23-25	GM-F-7

E4OD, 1st Type

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2184G3	11.188	10.375	0.045	Brown	N/A	N/A	FX-23-23	N/A
T2184K2	11.188	10.375	0.045	Green	N/A	N/A	FX-23-23	N/A
T2187K2	11.188	10.375	0.070	Green	N/A	N/A	FX-23-23	N/A
T2184TN	11.188	10.375	0.045	Tan	N/A	N/A	FX-23-23	N/A

4L80E, HD, B500

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2194G3	11.625	10.375	0.045	Brown	R445084	B45084	SX-23-47	N/A
T2194K2	11.625	10.375	0.045	Green	R445084	B45084	SX-23-47	N/A
T2197K2	11.625	10.375	0.070	Green	R445084	B45084	SX-23-47	N/A
T2194TN	11.625	10.375	0.045	Tan	R445084	B45084	SX-23-47	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2234G3	9.875	7.125	0.045	Brown	N/A	N/A	N/A	N/A
T2234K2	9.875	7.125	0.045	Green	N/A	N/A	N/A	N/A
T2237K2	9.875	7.125	0.070	Green	N/A	N/A	N/A	N/A
T2234TN	9.875	7.125	0.045	Tan	N/A	N/A	N/A	N/A

ZF6HP26 Multi-Clutch

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2244G3	7.300	6.300	0.045	Brown	N/A	N/A	N/A	N/A
T2244K2	7.300	6.300	0.045	Green	N/A	N/A	N/A	N/A
T2247K2	7.300	6.300	0.070	Green	N/A	N/A	N/A	N/A
T2244TN	7.300	6.300	0.045	Tan	N/A	N/A	N/A	N/A

Various (fx)

Torque Converter Rings

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2274G3	10.500	7.500	0.045	Brown	N/A	N/A	N/A	N/A
T2274K2	10.500	7.500	0.045	Green	N/A	N/A	N/A	N/A
T2277K2	10.500	7.500	0.070	Green	N/A	N/A	N/A	N/A
T2274TN	10.500	7.500	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2294G3	10.100	7.150	0.045	Brown	N/A	N/A	N/A	N/A
T2294K2	10.100	7.150	0.045	Green	N/A	N/A	N/A	N/A
T2297K2	10.100	7.150	0.070	Green	N/A	N/A	N/A	N/A
T2294TN	10.100	7.150	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2304G3	10.600	7.150	0.045	Brown	N/A	N/A	N/A	N/A
T2304K2	10.600	7.150	0.045	Green	N/A	N/A	N/A	N/A
T2307K2	10.600	7.150	0.070	Green	N/A	N/A	N/A	N/A
T2304TN	10.600	7.150	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2344G3	10.100	8.660	0.045	Brown	N/A	N/A	N/A	N/A
T2344K2	10.100	8.660	0.045	Green	N/A	N/A	N/A	N/A
T2347K2	10.100	8.660	0.070	Green	N/A	N/A	N/A	N/A
T2344TN	10.100	8.660	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2354G3	10.600	7.750	0.045	Brown	N/A	N/A	N/A	N/A
T2354K2	10.600	7.750	0.045	Green	N/A	N/A	N/A	N/A
T2357K2	10.600	7.750	0.070	Green	N/A	N/A	N/A	N/A
T2354TN	10.600	7.750	0.045	Tan	N/A	N/A	N/A	N/A

Various

Alto #	OD - (in)	ID - (in)	OAT	Material	Ray	BW	Tri	Sonnax
T2364G3	10.889	9.967	0.045	Brown	N/A	N/A	N/A	N/A
T2364K2	10.889	9.967	0.045	Green	N/A	N/A	N/A	N/A
T2367K2	10.889	9.967	0.070	Green	N/A	N/A	N/A	N/A
T2364TN	10.889	9.967	0.045	Tan	N/A	N/A	N/A	N/A



TORQUE CONVERTER

ALTO#	REF 1	REF 2	DESCRIPTION	OAT	QTY	NOTES
GENERAL MOTORS						
6T40/6T45						
129320	BW-SP-5	NA	SPRAG, TORQUE CONVERTER 236mm 04+		1	22 ELEMENT
6L45E						
201714	GM-CP-5	NA	FR GM 6L45E TORO CONV 210MM	.138/3.51	1	Heg - 24T - ID: 8.700"
CHRYSLER						
AS68RC						
202759	N/A	YX-26-5K	FR/ST PACK AS68RC 3500 TRUCK 07+ Includes Friction, Steel, PP		1	
202714	AS-CP-1FK	YX-26-1	FR AS68RC 3500 TRUCK 07+	.100/2.54	3	Red - 36T - OD: 7.438" - SPR
202715	AS-CP-2SK (3pcs)	YX-26-4	ST AS68RC 3500 TRUCK 07+	.071/1.80	3	16T - ID: 6.254"
202760	NA	YX-26-4	ST AS68RC 3500 TRUCK 07+	.249/6.32	1	16T - ID: 6.254"
AS69RC						
202716	NA	NA	FR AS69RC 14+	.100/2.54	3	Heg - 42T - OD: 8.550" - SPR
202717	AS-CP-4S	NA	ST AS69RC 14+	0.071/1.80	3	16T - ID: 7.340"
AISIN						
A581						
168712-315	NA	NA	FR A581 TORO CONV 01+	0.124/3.14	1	Heg - 50T - OD: 9.800"
AW 55-50SN						
159320	BW-SP-3	NA	SPRAG TORQUE CONVERTER 23 ELEMENT		1	
AW TF-60SN						
129320	BW-SP-5	NA	SPRAG, TORQUE SONVERTER 236mm 04+		1	22 ELEMENT
A40045TCU25	VW-O-3	VO-25-3	SEALING RING TORO CONV AW TF-60SN 1.561 X 1.373 X .090"	.090/2.30	1	TEFLON, SCARF CUT
TF-80SC						
197320	BW-SP-2	YC-6-3	SPRAG, TORQUE CONVERTER 05+		1	24 ELEMENT
TF-80SD						
197320	BW-SP-2	YC-6-3	SPRAG, TORQUE CONVERTER 05+		1	24 ELEMENT
AW 450-43LE						
153320	NA	NA	SPRAG, TORQUE CONVERTER 98+		1	
ALLISON						
MT640, 643, 644, 650, 653, 654						
055055	23016564	NA	Lathe Cut, MT543, 640 SEAL 72+		1	
056301	6770845	NA	Piston, Lockup clutch TORQUE CONV 72+		1	
056835	NA	NA	SEAL KIT MT643 TORQUE CONV 72+		1	contains 5 seals
FORD						
6R80						
183718A	FD-CP-18	FX-26-2	FR 6R80 TORQUE CONVERTER EXT 07+	.167/4.24	1	G3C- 40T - ID: 8.706"
6R140						
206715	NA	NA	ST 6R140 TORQUE CONVERTER	.100/2.54	1	21T - ID: 10.275"



TORQUE CONVERTER

ALTO#	REF 1	REF 2	DESCRIPTION	OAT	QTY	NOTES
HONDA						
MT4A						
129320	BW-SP-5	NA	SPRAG, TORQUE SONVERTER 236mm 04+		1	22 ELEMENT
172715	HO-CP-2	NA	ST HONDA MT4A TORQUE CONVERTER	.047/1.19	1	36T - ID: 7.173"
HYUNDAI/KIA						
A5HF1						
197320	BW-SP-2	YC-6-3	SPRAG, TORQUE CONVERTER 05+		1	24 ELEMENT
MERCEDES						
722.6/ 722.9 Early Generation						
141714	MB-CP-7BW	HX-23-4 (less grooves)	FR 722.6 TORQUE CONVERTER SEL. 96+	.107/2.70	1-2	Red - 34T - OD: 6.929" - SB
141714X	MB-CP-7BW	HX-23-8 (more grooves)	FR 722.6 TORQUE CONVERTER 96+	.107/2.70	1-2	Red - 34T - OD: 6.929" - SB
141714X232	MB-CP-5	HX-23-9 (more grooves)	FR 722.6 TORQUE CONVERTER SEL. 96+	.091/2.32	AR	Red - 34T - OD: 6.929" - SB
141714-200	NA	NA	FR 722.6 TORQ CONV PPK 96+	.078/1.98	1-2	Red - 34T - OD: 6.929" - SB
141715-177	MB-CP-3KR	HX-23-1	ST 722.6 TORQUE CONVERTER 96+	.069/1.75	AR	20T - ID: 5.629"
141715AK177	NA	NA	ST 722.6 TORQUE CONVERTER PPK 96+	.069/1.75	3	20T - ID: 5.629"
141715-390	MB-CP-4K	HX-23-2	ST 722.6 TORQUE CONVERTER 96+	.155/3.95	AR	20T - ID: 5.629"
141715-497	NA	HX-23-3	ST 722.6 TORQUE CONVERTER 96+	.196/4.97	AR	20T - ID: 5.629"
141758	MB-CP-272KBW	HX-23-11K	KIT 722.6 TORQ CONV 272MM Includes 2 Frictions, 3 Steels, and Ring/Seal Kit 96+		1	
141758A	NA	HX-23-12K	KIT 722.6 TORQ CONV 290MM Includes 2 Frictions, 3 Steels, and Ring/Seal Kit 96+		1	
141759	NA	NA	KIT 722.6 TORQ CONV PPK Includes 3 Frictions, 4 Steels, Snapping, and Ring/Seal Kit 96+		1	
722.7						
147714	NA	HX-23-7	FR 722.7 TORQUE CONV 30 SQUARE TOOTH 98+	.106/2.69	AR	Heg - 30T - ID: 6.930" - SB
147714A	NA	NA	FR 722.7 TORQUE CONV SQUARE TOOTH 2.79MM	.110/2.79	AR	Heg - 30T - ID: 6.930" - SB
722.9 Late Generation						
141718A	MB-CP-8BW	NA	FR 722.9 TORQUE CONVERTER	.109/2.77	2	Heg - 40T - ID: 6.104" - SB
141719A	MB-CP-15S	NA	ST 722.9 TORQUE CONVERTER	.078/1.98	3	36T - OD: 7.400"
141719A180	MB-CP-14S	NA	ST 722.9 TORQUE CONVERTER	.071/1.80	3	36T - OD: 7.400"
RENAULT						
DPO/AL4						
155325	RE-SP-1	F-240-16K	SPRAG, TORQUE CONVERTER 97+		1	
155714	NA	RX-26-1	FR DPO/AL-4 TORQUE CONVERTER 97+	.139/3.53	AR	Red - 24T - ID: 6.64" - SM
155716	RE-CP-2	RX-26-2	FR DPO/AL-4 TORQUE CONVERTER 05+	.159/4.04	AR	Red - 24T - OD: 8.750"
155718	NA	NA	FR DPO/AL-4 TORQUE CONVERTER 05+	.106/2.69	1	Red - 40T - ID: 7.361" - CUP
NISSAN						
RE5R05A						
174759	N/A	N/A	RE5R05A TORQ CONV REPAIR KIT Includes Friction, Steel, PP and Ring/Seal Kit 02+			
174712-188	JA-CP-1	JX-23-34	FR RE5R05A TORQUE CONV 02+	.074/1.88	3	Heg - 40T - OD: 6.474" - SB



TORQUE CONVERTER

ALTO#	REF 1	REF 2	DESCRIPTION	OAT	QTY	NOTES
NISSAN continued						
174713-178	JA-CP-2	JX-23-35	ST RE5R05A TORQUE CONV 02+	.070/1.78	4	36T - ID: 5.610"
174762	NA	NA	ST RE5R05A TORQUE CONV PP 02+	.258/6.55	1	35T - ID: 5.607"
174835	N/A	N/A	RE5R05A RING AND SEAL KIT			
RE7R01A						
174759A	N/A	N/A	RE7R01A TORQ CONV REPAIR KIT Includes Friction, Steel, and PP 09+		1	
174722-180	JA-CP-4	JX-23-38	FR RE7R01A TC 09+	.071/1.80	3	Heg - 24T - OD: 6.825"
174723-180	JA-CP-5S	JX-23-40	ST RE7R01A TC 09+	.071/1.80	3	30T - ID: 5.607"
174762A	JA-CP-6P	JX-23-39	ST RE7R01A TC PP 09+		1	30T - ID: 5.609"
TOYOTA						
AB60E/F						
A40045TCU25	VW-O-3	VO-25-3	SEALING RING TORQ CONV TOY AB60E/F 1.561 X 1.373 X .090"	.090/2.30	1	TEFLON, SCARF CUT
VOLKSWAGEN						
TR60-SN						
185714-262	NA	VX-23-4	FR TR60-SN TORQ CONV 04+	.103/2.62	1	TAN- 30T - OD: 7.033"
185715-235	NA	VX-23-5	ST TR60-SN TORQ CONV 04+	.092/2.34	1	48T - ID: 5.862"
185716	AW-CP-6F	YX-26-3	FR TR60-SN TORQ CONV 04+	.147/3.73	2	
185717-320	AW-CP-4S	VX-23-2	ST TR60-SN TC .126" 04+	.126/3.20	1	20T - ID: 8.760"
TR60-SN						
185717-500	AW-CP-5P	VX-23-3	ST TR60-SN TC .197" 04+	.197/5.00	1	20T - ID: 8.760"
185765-380	AW-CP-8P	VX-23-6	ST TR60-SN TORQ CONV PP 04+	.150/3.81	1	48T - ID: 5.862"
TR80-SD						
222714-361	AW-CP-7F	DW-OC8-D-G	FR TR80-SD TORQ CONV - GZ TYPE	.142/3.61	1	HEG- 30T - ID: 4.325"
222716-365	AW-CP-6F	DW-OC8-D-Z	FR TR80-SD TORQ CONV - DZ TYPE	.144/3.65	1	HEG - 36T - OD: 10.212"
222715-203	NA	DW-OC8-D-G	ST TR80-SD TORQ CONV - GZ TYPE	.080/2.03	1	24T - OD: 6.014"
222717-325	#N/A	DW-OC8-D-Z	ST TR80-SD TORQ CONV - DZ TYPE	.127/3.25	1	20T - ID: 8.762"
222717-500	#N/A	DW-OC8-D-Z	ST TR80-SD TORQ CONV - DZ TYPE	.197/5.00	1	20T - ID: 8.762"
ZF						
4HP24						
183320	BW-SP-4	NA	Sprag, Torque Converter 83+ Captive Clutch, Single Friction		1	18 ELEMENT
5HP19						
139714	FS-CP-2	NA	FR ZF5HP19 TORQUE CONVERTER 95+	.122/3.10	AR	Red - 24T - ID: 8.153" - grooved
139714A	NA	NA	FR ZF5HP19 TORQUE CONVERTER 95+	.122/3.1	AR	HEG- 24T - ID: 8.379"
139714A350	FS-CP-2TKR	PX-26-7	FR ZF5HP19 TORQUE CONVERTER 95+	.138/3.5	AR	HEG- 24T - ID: 8.379"
183320	BW-SP-4	NA	Sprag, Torque Converter		1	18 ELEMENT
5HP24						
132714	FS-CP-3	PX-26-6	FR ZF5HP24 TORQUE CONVERTER 95+	.120/3.04	AR	Tan - 24T - ID: 8.379" - SM
132714A	FS-CP-3	PX-26-6	FR ZF5HP24 TORQUE CONVERTER 95+	.120/3.04	AR	Red - 24T - ID: 8.379" - SM
132714-386	NA	NA	FR ZF5HP24 TORQUE CONVERTER 95+	.120/3.86	AR	Tan - 24T - ID: 8.379" - SM
5HP30						
113714	FS-CP-1	PX-26-3	FR ZF5HP30 TORQUE CONVERTER 93+	.118/3.00	AR	Red - 24T - OD: 9.354" - SM
113714-450	NA	NA	FR ZF5HP30 TORQUE CONVERTER 93+	.177/4.50	AR	Red - 24T - OD: 9.354" - SM
113714C300	NA	PX-26-3	FR ZF5HP30 TORQUE CONVERTER 93+	.118/3.00	AR	Carbon - 24T - OD: 9.354" - SM







TORQUE CONVERTER

ALTO#	REF 1	REF 2	DESCRIPTION	OAT	QTY	NOTES
ZF continued						
6HP19						
183320	BW-SP-4	NA	Sprag, Torque Converter 83+ (245mm and 255mm)		1	18 ELEMENT
183715	ZF-CP-7	PX-26-13	ST Z6HP19 TORQUE CONVERTER 02+	.108/2.74	1	24T - OD: 7.570" - grooved
143714	FS-CP-7BW	PX-26-11	FR ZF6HP19 TORO CONV 245MM 04+	.157/3.99	1	Heg - 24T - ID: 7.874" with cutouts
143716	NA	NA	FR ZF6HP19 TORO CONV 245MM	.140/3.56	1	Heg - 24T - ID: 8.350" - spiral
6HP26						
183320	BW-SP-4	NA	Sprag, Torque Converter 83+ (280mm)		1	18 ELEMENT
183714	FS-CP-56BW	PX-26-10	FR ZF6HP26 TORQ CONV 260MM 02+	.160/4.06	1	Aramid - 24T - ID: 8.200" with cutouts
183714A	ZF-CP-6	PX-26-9	FR ZF6HP26 TORQ CONV 280MM 02+	.160/4.06	1	Aramid - 24T - ID: 8.725" with cutouts
183715	ZF-CP-7	PX-26-13	ST ZF6HP19/26 TORQ CONV 255MM 02+	.108/2.74	1	24T - OD: 7.570" - grooved
183716	ZF-CP-4	PX-26-12	FR ZF6HP19/26 TORQ CONV 255MM 02+	.140/3.56	2	Heg - 24T - ID: 6.300" with cutouts
183720	ZF-CP-5	PX-26-15	ZF6HP26 TORQ CONV 275MM 02+	.106/2.69	1	Heg - 20T - ID: 7.283" with cutouts
183722	NA	NA	ZF6HP26/28 TORQ CONV 280MM 02+	.160/4.06	1	Heg - 24T - ID: 8.782" with bent tooth
6HP28						
183320	BW-SP-4	NA	Sprag, Torque Converter 83+		1	18 ELEMENT
183722	NA	NA	ZF6HP26/28 TORQ CONV 280MM	.160/4.06	1	Heg - 24T - ID: 8.782" with bent tooth
8HP45						
215614	NA	NA	SEAL KIT ZF8HP45 TORQUE CONVERTER INNER/OUTER		1	(Contains 1-A50030 Small, 1-A20027B Large)
A20027B	NA	NA	ZF8HP45 MOLDED RUBBER OUTER TORQ CONV SEAL "D" RING - Large		1	188.42 X 197.3 X 1.83
A50030	NA	NA	ZF8HP45 MOLDED RUBBER INNER TORQ CONV SEAL Small		1	102mm ID
215714	ZF-CP-8F	PX-26-14	ZF8HP45 TORQUE CONVERTER 11+ SEG	0.096/2.44	1	GRY- 80T - OD: 7.766 SEG
215715-175	NA	NA	ZF8HP45 TORQUE CONVERTER 11+	.069/1.75	1	30T - ID: 6.498"
215715-277	ZF-CP-10S	PX-26-18	ZF8HP45 TORQUE CONVERTER 11+	.109/2.77	1	30T - ID: 6.498"
215765	ZF-CP-11P	PX-26-17	ZF8HP45 TORQUE CONVERTER PP 11+	.168/4.27	1	30T - ID: 6.498"
MISC.						
183726	CP-3BR1556 50201B	NA	TORQUE CONVERTER D98 ,B98 ,S126 ,T126 ,Q126 ,Z97		1	Not Mfg at this time
ECOMAT						
121705A200	4139-373-029	NA	ST ZF5HP500 F PACK WIDER TOOTH NO HOLES 90+	.079 / 2.00	AR	24T - ID: 9.320"
121706	4166-238-037	NA	FR TORQUE CONV HEG SB Except 6HP600, 5HP590 90+	.118 / 3.00	2	Grn - 18T - OD: 12.930" - SM
121706A320	NA	NA	FR TORQUE CONV HEG 90+ (6HP600)	.124 / 3.15	2	Heg - 36T - OD: 15.398" - PL
121706C310	4166-236-134	NA	FR W360 TORQUE CONV	.122 / 3.10	AR	Heg - 59T - OD: 12.96"
121706D310	0501-212-249	NA	FR TORQUE CONV 90+	.123 / 3.12	1	66T - OD: 15.009"
121707	4139-334-004	NA	ST TORQUE CONV 90+ Except 6HP600	.079 / 2.00	AR	12T - ID: 11.887"
121707-300	NA	NA	ST TORQUE CONV 90+ Except 6HP600	.118 / 3.00	AR	12T - ID: 11.887"
121707-350	4139-334-006	NA	ST TORQUE CONV 90+ Except 6HP600	.138 / 3.50	AR	12T - ID: 11.887"
121707-400	4139-334-005	NA	ST W360 TORQUE CONV 90+	.157 / 3.99	AR	12T - ID: 11.887"
121707A250	NA	NA	ST TORQUE CONV 90+ 6HP600	.098 / 2.50	2	36T - ID: 14.313"
121707A300	4166-338-202	NA	ST TORQUE CONV 90+ 6HP600	.118 / 3.00	1	36T - ID: 14.313"
121707B400	0501-320-306	NA	ST TORQUE CONV 12 TEETH 90+	.157 / 4.00	AR	12T - ID: 11.800"
121707D405	0501-318-589	NA	ST TORQUE CONV 90+	.159 / 4.04	1	8T - ID: 13.224"
121716-305	0501-213-150	NA	FR 5HP590 TORQ CONV 59T 90+	.079 / 2.00	6-8	Heg - 59T - OD: 13.365" - PLNI
VOITH						
125714	58.2250.13 58.2250.12	NA	FR TORQUE CONVERTER	.138/3.50	3	Brz - 63T - OD: 12.51" - Splr
125715	50.9743.13	NA	ST TORQUE CONVERTER	.098/2.50	4	12T - ID: 10.429"



Converter Thrust Bearings

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	026353	FW-2-8	FD-N-6	Ford 4R100, 5R110W 1.540"X2.282"X0.140"
	028320	TW-2-4	CH-N-1	Chrysler 45RFE, 545RFE, A604, A606, A500, A518, A727, A904, 40TE, 41TE, 41AE, 42LE, 40RH, 42RH, 40RE, 42RE, 44RE, 46RH, 46RE Toyota A340H VW 095, 096
	031320	SW-2-14	GM-N-13H	Allison AT540, AT500 GM TH400, 3L80
	031321	SW-2-18	GM-N-17	GM 4L80E
	032350	SW-2-8	GM-N-8H	GM 250C, 350C, 200-4R, 4L60/E (298mm LU) 1.440"X2.840"X0.150"
	032352	SW-2-1HD	GM-N-2H	GM TH200, TH350, TH400; Allison AT500 1.500"X2.185"X0.156"
	038320	SW-2-11	GM-N-11	GM 4T60E, 4T65E, 4T80E, 5L40E, TH125C, TH180C, TH200C, TH700-R4, 3T40, 3L30, 4L60
	041320	FW-2-9	FD-N-7	Ford 5R55S, 5R55N, 5R55W



Converter Thrust Bearings

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	041350	FW-2BKHD	(FD-N-1) + (MI-N-3) + (FD-N-2)	Ford A4LD, 4R55E (late), 5R55E 1.480"X2.489"X0.208"
	043320	SW-2-12	GM-N-8HLT	GM TH250C, 350C, TH400, 3L80, 4L60E, 4L60, TH200-4R, TH700-R4 Allison AT-540 Chrysler 68RFE, A618, 48RE, 47RH, 47RE
	044351	YW-2-16	TO-N-13	A130, A140, A43DE, DL, A440F, A44D, A540E, A760E, A960E/F (TB-65SN), F4A42, U250E 1.740"X2.690"X0.150"
	057321	SW-2-24	GM-N-18	GM 4L60E, 4L80E
	057323	SW-2-33	GM-N-20	GM 4L60E, 4L80E, 6L80, 6L90
	065350	NA	TO-N-11	A442F, A541E, A750E, 09D (Non-Captive Clutch), U140E 1.732"X2.854"X0.150"
	073350	YW-2-10	TO-N-6	A340H, A440L, A760E, A960E, A960F, (TB-65SN), U250E 1.740"X2.690"X0.150"
	128350	TW-2-22	CH-N-2	10", 41TE & 42LE, 45RFE, 545RFE, 62TE, RE7R01A (JR710E) 2.086"X2.892"X0.183"





Converter Thrust Bearings

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	129356	NA	AW-N-3	Aisin TF-60SN; VW 09G 2.430"X3.440"X0.129"
	134350	NW-9K	HO-N-2K	Honda AS, B7TA, B7VA, B7YA, F4 0.800"X1.457"X0.158"
	141353	HW-2-3	MB-N-1	Mercedes 722.6, 722.9 1.730"X2.586"X0.195", 3 tabs
	141354	HW-2-2	MB-N-2	Mercedes 722.6, 722.9 2.165"X2.980"X0.195"
	141355	HW-2-1	MB-N-3	Mercedes 722.6, 722.9 1.300"X2.028"X0.160"
	143350	PW-2-10HD	FS-N-4	ZF4HP16, ZF5HP19, ZF5HP24, ZF6HP19, ZF6HP26, ZF8HP45, ZF8HP55, ZF8HP70 1.500"X2.508"X0.180"
	152350	SW-2-31	AL-N-1	Allison 1000, 2000, 2400 2.653"X3.955"X0.220"
	152351	SW-2-32	AL-N-2	Allison 1000, 2000, 2400 2.178"X3.375"X0.220"



Converter Thrust Bearings

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	155351	RW-2-1	RE-N-2	Renault DPO, Peugeot AL4 2.059"X2.972"X0.142"
	166350	FW-2-10	(FD-N-10) + (FD-WS-34) + (FD-WS-35)	Ford 5R110W 1,870"X3.112"X0.208"



Converter Sprags

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	028350	MC-4	MI-SP-4	Jatco RE4R03A (DA-30), Chrysler 727; Ford AOD,C4, C6; GM 4L60 22 Elements
	053320	FC-6-10	N/A	ZF 4HP22, 4HP24 24 Elements
	053350	FC-6-10	NA	ZF4HP22/90 Jaguar (BM-25), BMW (BM-27) 24 Elements
	079350	NA	NA	Ssang Yong 24 Elements
	105350	YC-6	NA	Nissan RL4A03A (DA-28), RE4F03A (DA-31), RE4F04A (DA-39) 22 Elements
	106350	MC-1	NA	Jatco RG4R01A; DACCO DA15 24 Elements
	109350	VC-6-1	NA	VW 095, 096, 097, 098; ZF 3/4HP22 (A999), 4HP16, 4HP18, 5HP24 22 Elements
	113350	FC-6-4	BW-SP-1	ZF5HP30; DACCO BM29, BW 11" Industrial 20 Elements






Converter Sprags

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	124352	NA	NA	Toyota U140E, Hyundai, Mitsubishi F4A51, R4A51, F5A51, R5A51 18 Elements
	129320	NA	BW-SP-5	Aisin TF-60SN VW 09G GM 6T40, 6T45 22 Elements
	133353	NA	NA	Mazda FN4A-EL, 323 BJ model 20 Element
	152320	SC-6	AL-SP-1	Allison 1000, 2000, 2400 Aisin A465, AS68RC 29 Elements
	153320	N/A	N/A	Aisin 450-43LE Jatco JR403E, RG4R01A 24 Elements
	155325	F-240-16K	RE-SP-1	Renault DPO, Peugeot AL4 16 Elements
	159320	N/A	BW-SP-3	Aisin AW 55-50SN 23 Elements
	183320	NA	BW-SP-4	Ford 5R55N, 5R55S, 5R55W ZF ZF4HP24, ZF5HP19 (Captive Clutch), ZF5HP19 (Single Friction), ZF6HP19, ZF6HP19X, ZF6HP26, ZF6HP26X, ZF6HP28 18 Elements



Converter Sprags

IMAGE	ALTO#	Tri Components #	Sonnax #	DESCRIPTION
	185350	YC-6-3	BW-SP-2	TR60SN (09D) 24 Elements
	197320	YC-6-3	BW-SP-2	Aisin TF-80SC, TR-80SD(0C8), AF40-6 Hyundai A6LF, A5HF1 24 Elements
	206350	FC-6-11	FD-SP-1	Ford 6R140 26 Elements