

# TORQUE CONVERTER DETAILS SECTION

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Bearing and Race Details - Standard Applications								
Application	Description	O.D.		I.D.		Thickness		Part Number
		inches	mm	inches	mm	inches	mm	
Allison 540, Stator	Bearing, Partially Enclosed	3.085	78.36	1.765	44.83	0.394	10.00	GM-N-13H
Allison 540, Stator	Race	3.011	76.48	1.786	45.36	0.094	2.39	GM-N-13R
Chrysler 10, Rear of Stator	Bearing, Enclosed	2.835	72.00	1.890	48.00	0.185	4.70	CH-N-1
Chrysler 10, 41TE & 42LE	Bearing, Enclosed	2.913	74.00	2.077	52.75	0.181	4.60	CH-N-2
Chrysler 10-3/4 LU, Front Cover	Bearing, Enclosed	2.638	67.00	1.391	35.33	0.138	3.50	CH-N-8
Chrysler 68RFE	Ball Bearing	2.047	52.00	1.575	40.00	0.276	7.00	CH-N-10
Chrysler 9-1/2 & 10 LU, Front Cover	Bearing, Enclosed	2.362	60.00	1.075	27.30	0.138	3.50	CH-N-9
Chrysler 10-3/4" LU, '78-'79	Hard anodized washer replaces bearing	2.500	63.50	1.452	36.88	0.143	3.63	CH-WA-1
ZF4HP18, 22 & 24	Race w/I.D. Tang	2.362	60.00	1.575	40.00	0.039	1.00	FS-N-1
ZF4HP18, 22 & 24	Race w/O.D. Tang	2.433	61.80	1.654	42.00	0.079	2.00	FS-N-2
ZF4HP18	Bearing	2.362	60.00	1.575	40.00	0.079	2.00	FS-N-3
ZF5HP19	Bearing, Enclosed	2.440	62.00	1.496	38.00	0.181	4.60	FS-N-4
Ford A4LD	Race, I.D. Lip	2.362	60.00	1.575	40.00	0.039	1.00	FD-N-1
Ford A4LD	Race, O.D. Tang	2.480	63.00	1.693	43.00	0.039	1.00	FD-N-2
Ford A4LD	Race, O.D. Tang	2.480	63.00	1.693	43.00	0.079	2.00	FD-N-3
Ford A4LD, ZF, Toyota, Mercedes, Jatco: FNT-4060	Bearing/Torrington	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3
Ford A4LD, ZF, Toyota, Mercedes, Jatco: FNT-4060	Bearing/Ina	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3A
Associated Bearing Race, Mercedes: FTRA-4060	Race	2.362	60.00	1.575	40.00	0.039	1.00	MB-WS-4060
Associated Bearing Race, Mercedes: FTRA-4060 (thinner)	Race	2.362	60.00	1.575	40.00	0.030	0.76	MB-WS-4060T
Ford 4R100	Bearing, Enclosed	2.350	59.68	1.661	42.20	0.151	3.83	FD-N-5
Ford 4R100	Bearing, Enclosed	2.283	58.00	1.540	39.12	0.141	3.57	FD-N-6
Ford 5R55N/S/W, 2 I.D. Tangs	Bearing, Enclosed	2.880	73.15	1.992	50.60	0.197	5.00	FD-N-7
Ford CD4E 9-1/4 (A Pilot Stamp) & CD4E 10-1/4 (C Pilot Stamp)	Bearing, Enclosed	2.784	70.71	1.840	46.74	0.157	4.00	FD-N-8
Ford 5R110W / 4R100 / E40D	Bearing, Enclosed	3.120	79.25	1.875	47.63	0.208	5.28	FD-N-9
Ford 5R110W	Bearing, Partially Enclosed	3.126	79.40	1.929	49.00	0.179	4.54	FD-N-10
Ford 5R110W	Bearing, Partially Enclosed	2.839	72.10	1.939	49.26	0.107	2.71	FD-N-11
FNT5070	Thrust Bearing	2.756	70.00	1.968	50.00	0.118	3.00	AXK5070
GM 245mm LU & 265mm, Stator	Bearing, Enclosed	3.391	86.13	2.500	63.50	0.140	3.55	GM-N-11
GM 298mm LU, Stator	Bearing, Partially Enclosed	2.844	72.24	1.435	36.45	0.148	3.76	GM-N-8H
GM 298mm LU, Stator	Race	3.000	76.20	1.756	44.60	0.039	1.00	GM-N-9H
GM 298mm LU, Stator	Race	3.000	76.20	1.758	44.65	0.061	1.55	GM-N-10H
GM 298mm LU & 400, Stator, Late	Bearing, Enclosed	3.281	83.34	2.388	60.65	0.272	6.90	GM-N-8HLT
GM (Chevy & Buick 350), Stator	Race, Cupped	2.250	57.15	1.453	36.91	0.031	0.79	GM-N-4H
GM (Chevy & Buick 350), Stator	Race w/I.D. Lip	2.078	52.78	1.476	37.50	0.031	0.79	GM-N-6H
GM (Chevy & Buick 350)	Bearing	2.171	55.14	1.506	38.25	0.125	3.18	GM-N-1H
GM (Chevy & Buick 350)	Bearing	2.188	55.58	1.500	38.10	0.078	1.98	GM-N-1L
GM (Chevy & Buick 350)	Bearing	2.175	55.25	1.506	38.25	0.156	3.96	GM-N-2H
GM 350	Race	2.167	55.04	1.507	38.28	0.031	0.79	GM-WS-30S
GM 350	Race	2.167	55.04	1.507	38.28	0.062	1.57	GM-WS-60
GM 350	Race	2.187	55.55	1.500	38.10	0.093	2.36	GM-WS-90
GM 4L80-E, Stator	Bearing, Enclosed	3.858	98.00	2.728	69.30	0.188	4.78	GM-N-17
GM 6L80E, Impeller side	Bearing, Enclosed	3.661	93.00	2.598	66.00	0.179	4.55	GM-N-20
GM 300mm/Late 4L80-E, Single Stator	Bearing, Enclosed	3.661	93.00	2.593	65.86	0.150	3.80	GM-N-18
Honda, Stator	Bearing	2.543	64.60	1.780	45.20	0.158	4.00	HO-N-1
Honda, Front Cover	Race, Cupped	1.457	37.00	0.827	21.00	0.039	1.00	HO-N-2
Honda, MPYA	Bearing	2.835	72.00	1.969	50.00	0.177	4.50	HO-N-4
Honda B7TA/B7VA/B7YA & Accord	Bearing	2.953	75.00	2.165	55.00	0.118	3.00	HO-N-6

Honda, Front Cover	Bearing	1.378	35.00	0.787	20.00	0.079	2.00	<b>MI-N-1</b>
Honda, Front Cover	Race	1.378	35.00	0.787	20.00	0.039	1.00	<b>MI-N-2</b>
Jatco RE4R03A, 280mm	Starburst Bearing, 6 Tangs	2.588	65.74	1.612	40.94	0.316	8.03	<b>JA-N-8</b>
Jatco	Starburst Bearing, 6 Tangs	2.614	66.40	1.644	41.75	0.220	5.60	<b>JA-N-9</b>
Jatco, RE4R01A, RWD	Bearing, Enclosed	3.031	77.00	2.047	52.00	0.236	6.00	<b>JA-N-3</b>
Jatco RE4R01A, RE4R03A	Starburst Bearing, 7 Tangs	2.717	69.00	1.654	42.00	0.276	7.00	<b>JA-N-6</b>
Jatco RE4R03A, 250mm(Nissan 300ZX), & Jatco RE4R01A (Nissan Pathfinder)	Starburst Bearing, 14 Tangs	2.717	69.00	1.654	42.00	0.276	7.00	<b>JA-N-4</b>
Jatco RE5R05A	Bearing, Enclosed	3.228	82.00	2.213	56.20	0.236	6.00	<b>JA-N-13</b>
Jatco RE5R05A	Bearing, Eclosed, 12 Tangs	3.228	82.00	2.213	56.20	0.236	6.00	<b>JA-N-15</b>
Jatco RL4R03A, F&S ZF5HP30	Bearing, Enclosed	2.431	61.75	1.506	38.25	0.179	4.55	<b>JA-N-7</b>
Jatco RL4F02A	Bearing, Enclosed	2.638	67.00	1.654	42.00	0.236	6.00	<b>JA-N-5</b>
Jatco Stator	Race, Flat	2.358	59.89	1.654	42.00	0.079	2.00	<b>JA-N-2</b>
Jatco Stator	Bearing Adapter (CH-N-1)	3.370	85.60	1.730	43.94	0.080	2.03	<b>JA-WS-2</b>
Mazda FWD	Bearing, Partially Enclosed	1.368	34.75	0.787	20.00	0.078	1.98	<b>MZ-N-1</b>
Mazda	Race, 4 I.D. Tangs	3.016	76.60	2.536	64.41	0.079	2.00	<b>MZ-N-2</b>
Mazda	Bearing, Partially Enclosed	2.260	57.40	0.819	20.80	0.110	2.80	<b>MZ-N-4</b>
Mazda	Race	2.087	53.00	1.390	35.30	0.079	2.00	<b>MZ-N-5</b>
Mazda 4EAT-F	Bearing and Spacer Kit	2.290	58.17	1.300	33.02	0.226	5.74	<b>MZ-N-10K</b>
Mercedes 722.6	Bearing, Enclosed	2.589	65.75	1.713	43.50	0.197	5.00	<b>MB-N-1</b>
Mercedes 722.6	Bearing, Enclosed	2.983	75.77	2.167	55.03	0.197	5.00	<b>MB-N-2</b>
Mercedes 722.6	Bearing, Enclosed	2.033	51.63	1.299	33.00	0.160	4.07	<b>MB-N-3</b>
Renault DPO & Peugeot A4L	Bearing, Enclosed, OEM, 3 I.D. Tangs	2.992	76.00	2.047	52.00	0.142	3.60	<b>RE-N-2</b>
Renault DPO & Peugeot A4L	Bearing and Spacer Kit	2.969	75.41	2.138	54.30	0.151	3.84	<b>RE-N-1K</b>
Renault 3- & 4-Speed	Bearing, Enclosed	2.087	53.00	1.408	35.80	0.156	3.96	<b>RE-N-3</b>
Toyota	Bearing Race, Cupped	2.441	62.00	1.654	42.00	0.031	0.79	<b>TO-N-1</b>
Toyota	Bearing Race, 1 I.D. Tang	2.362	60.00	1.575	40.00	0.079	2.00	<b>TO-N-5</b>
Toyota A-340H	Bearing, Partially Enclosed	2.690	68.33	1.740	44.20	0.150	3.81	<b>TO-N-6</b>
Toyota A-340H	Race, 4 I.D. Tangs	2.570	65.28	1.840	46.74	0.078	1.98	<b>TO-N-7</b>
AW 55-50SN	Bearing Race	2.350	59.71	1.582	40.18	0.099	2.52	<b>TO-N-8</b>
Toyota A340H, A140, A540E; AW 55-50SN	Bearing, Partially Enclosed	2.047	52.00	1.112	28.25	0.110	2.80	<b>TO-N-10</b>
Toyota A340H, A140, A540E; AW 55-50SN	Race	2.126	54.00	1.260	32.00	0.075	1.90	<b>TO-N-14</b>
Toyota A442F	Race, 4 I.D. Tangs	2.726	69.25	1.841	46.75	0.096	2.45	<b>TO-N-12</b>
Toyota Applications (many)	Bearing, Partially Enclosed	2.436	61.88	1.496	38.00	0.150	3.81	<b>TO-N-13</b>
Toyota U140E & A442F	Bearing, Partially Enclosed	2.854	72.48	1.732	44.00	0.150	3.81	<b>TO-N-11</b>
Toyota U140E & A442F	Bearing, Partially Enclosed	3.488	88.60	2.315	58.80	0.170	4.31	<b>TO-N-15</b>
Toyota U140E & A442F	Race, 4 I.D. Tangs	3.341	84.85	2.421	61.50	0.138	3.50	<b>TO-N-16</b>
Toyota U140E & A442F	Race, 4 I.D. Tangs	2.703	68.65	1.839	46.70	0.118	3.00	<b>TO-N-17</b>

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<b>Bearing and Race Details - Performance Applications</b>								
<b>Application</b>	<b>Description</b>	<b>O.D.</b>		<b>I.D.</b>		<b>Thickness</b>		<b>Part Number</b>
		<b>inches</b>	<b>mm</b>	<b>inches</b>	<b>mm</b>	<b>inches</b>	<b>mm</b>	
NTA-2031	Bearing	1.937	49.20	1.250	31.75	0.078	1.98	<b>MI-N-4</b>
TRA-2031	Race	1.938	49.23	1.250	31.75	0.031	0.79	<b>MI-N-5</b>
TRB-2031	Race	1.929	49.00	1.260	32.00	0.062	1.57	<b>MI-N-12</b>
NTA-2233	Bearing	2.062	52.37	1.375	34.93	0.078	1.98	<b>MI-N-15</b>
TRA-2233	Race	2.062	52.37	1.375	34.93	0.031	0.79	<b>MI-N-16</b>
TRB-2233	Race	2.062	52.37	1.375	34.93	0.062	1.57	<b>MI-N-20</b>
TRC-2233	Race	2.062	52.37	1.375	34.93	0.094	2.39	<b>MI-N-22</b>
NTA-2840	Bearing	2.500	63.50	1.750	44.45	0.078	1.98	<b>MI-N-6</b>
TRA-2840	Race	2.500	63.50	1.750	44.45	0.031	0.79	<b>MI-N-7</b>
TRB-2840	Race	2.500	63.50	1.750	44.45	0.062	1.57	<b>MI-N-18</b>
NTA-3244	Bearing	2.750	69.85	2.000	50.80	0.078	1.98	<b>MI-N-8</b>
TRA-3244	Race	2.750	69.85	2.000	50.80	0.031	0.79	<b>MI-N-9</b>
TRB-3244	Race	2.750	69.85	2.000	50.80	0.060	1.52	<b>MI-N-17</b>
TRC-3244	Race	2.750	69.85	2.000	50.80	0.094	2.39	<b>MI-N-23</b>
NTA-3446	Bearing	2.874	73.00	2.126	54.00	0.079	2.00	<b>MI-N-10</b>
TRA-3446	Race	2.874	73.00	2.126	54.00	0.031	0.80	<b>MI-N-11</b>
GM 350 Transmission	Bearing, Enclosed	2.890	73.40	2.138	54.30	0.141	3.58	<b>GM-N-14H</b>
Chrysler Racekit	Bearing, Enclosed	2.255	57.28	1.436	36.47	0.134	3.42	<b>MI-N-24</b>
High Performance	Bearing, Enclosed	3.228	82.00	2.185	55.50	0.188	4.78	<b>MI-N-28</b>
High Performance	Bearing Retainer (CH-N-1)	3.250	82.55	2.835	72.01	0.150	3.81	<b>MI-WS-01</b>

### Bearing and Race Details - All Applications (in O.D. size order)

Application	Description	O.D.		I.D.		Thickness		Part Number
		inches	mm	inches	mm	inches	mm	
Mazda FWD	Bearing, Partially Enclosed	1.368	34.75	0.787	20.00	0.078	1.98	MZ-N-1
Honda, Front Cover	Bearing	1.378	35.00	0.787	20.00	0.079	2.00	MI-N-1
Honda, Front Cover	Race	1.378	35.00	0.787	20.00	0.039	1.00	MI-N-2
Honda, Front Cover	Race, Cupped	1.457	37.00	0.827	21.00	0.039	1.00	HO-N-2
TRB-2031	Race	1.929	49.00	1.260	32.00	0.062	1.57	MI-N-12
NTA-2031	Bearing	1.937	49.20	1.250	31.75	0.078	1.98	MI-N-4
TRA-2031	Race	1.938	49.23	1.250	31.75	0.031	0.79	MI-N-5
Mercedes 722.6	Bearing, Enclosed	2.033	51.63	1.299	33.00	0.160	4.07	MB-N-3
Toyota A340H, A140, A540E; AW 55-50SN	Bearing, Partially Enclosed	2.047	52.00	1.112	28.25	0.110	2.80	TO-N-10
NTA-2233	Bearing	2.062	52.37	1.375	34.93	0.078	1.98	MI-N-15
TRA-2233	Race	2.062	52.37	1.375	34.93	0.031	0.79	MI-N-16
TRB-2233	Race	2.062	52.37	1.375	34.93	0.062	1.57	MI-N-20
TRC-2233	Race	2.062	52.37	1.375	34.93	0.094	2.39	MI-N-22
GM (Chevy & Buick 350), Stator	Race w/I.D. Lip	2.078	52.78	1.476	37.50	0.031	0.79	GM-N-6H
Mazda	Race	2.087	53.00	1.390	35.30	0.079	2.00	MZ-N-5
Renault 3- & 4-Speed	Bearing, Enclosed	2.087	53.00	1.408	35.80	0.156	3.96	RE-N-3
Toyota A340H, A140, A540E; AW 55-50SN	Race	2.126	54.00	1.260	32.00	0.075	1.90	TO-N-14
GM 350	Race	2.167	55.04	1.507	38.28	0.031	0.79	GM-WS-30S
GM 350	Race	2.167	55.04	1.507	38.28	0.062	1.57	GM-WS-60
GM (Chevy & Buick 350)	Bearing	2.171	55.14	1.506	38.25	0.125	3.18	GM-N-1H
GM (Chevy & Buick 350)	Bearing	2.175	55.25	1.506	38.25	0.156	3.96	GM-N-2H
GM 350	Race	2.187	55.55	1.500	38.10	0.093	2.36	GM-WS-90
GM (Chevy & Buick 350)	Bearing	2.188	55.58	1.500	38.10	0.078	1.98	GM-N-1L
GM (Chevy & Buick 350), Stator	Race, Cupped	2.250	57.15	1.453	36.91	0.031	0.79	GM-N-4H
Chrysler Racekit	Bearing, Enclosed	2.255	57.28	1.436	36.47	0.134	3.42	MI-N-24
Mazda	Bearing, Partially Enclosed	2.260	57.40	0.819	20.80	0.110	2.80	MZ-N-4
Ford 4R100	Bearing, Enclosed	2.283	58.00	1.540	39.12	0.141	3.57	FD-N-6
Mazda 4EAT-F	Bearing and Spacer Kit	2.290	58.17	1.300	33.02	0.226	5.74	MZ-N-10K
Ford 4R100	Bearing, Enclosed	2.350	59.68	1.661	42.20	0.151	3.83	FD-N-5
AW 55-50SN	Bearing Race	2.350	59.71	1.582	40.18	0.099	2.52	TO-N-8
Jatco Stator	Race, Flat	2.358	59.89	1.654	42.00	0.079	2.00	JA-N-2
ZF4HP18, 22 & 24	Race w/I.D. Tang	2.362	60.00	1.575	40.00	0.039	1.00	FS-N-1
ZF4HP18	Bearing	2.362	60.00	1.575	40.00	0.079	2.00	FS-N-3
Ford A4LD, ZF, Toyota, Mercedes, Jatco: FNT-4060	Bearing/Torrington	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3
Ford A4LD, ZF, Toyota, Mercedes, Jatco: FNT-4060	Bearing/Ina	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3A
Associated Bearing Race, Mercedes: FTRA-4060	Race	2.362	60.00	1.575	40.00	0.039	1.00	MB-WS-4060
Associated Bearing Race, Mercedes: FTRA-4060 (thinner)	Race	2.362	60.00	1.575	40.00	0.030	0.76	MB-WS-4060T
Toyota	Bearing Race, 1 I.D. Tang	2.362	60.00	1.575	40.00	0.079	2.00	TO-N-5
Chrysler 9-1/2 & 10 LU, Front Cover	Bearing, Enclosed	2.362	60.00	1.075	27.30	0.138	3.50	CH-N-9

TRB-2840	Race	2.500	63.50	1.750	44.45	0.062	1.57	<b>MI-N-18</b>
Honda, Stator	Bearing	2.543	64.60	1.780	45.20	0.158	4.00	<b>HO-N-1</b>
Toyota A-340H	Race, 4 I.D. Tangs	2.570	65.28	1.840	46.74	0.078	1.98	<b>TO-N-7</b>
Jatco RE4R03A, 280mm	Starburst Bearing, 6 Tangs	2.588	65.74	1.612	40.94	0.316	8.03	<b>JA-N-8</b>
Mercedes 722.6	Bearing, Enclosed	2.589	65.75	1.713	43.50	0.197	5.00	<b>MB-N-1</b>
Jatco	Starburst Bearing, 6 Tangs	2.614	66.40	1.644	41.75	0.220	5.60	<b>JA-N-9</b>
Chrysler 10-3/4 LU, Front Cover	Bearing, Enclosed	2.638	67.00	1.391	35.33	0.138	3.50	<b>CH-N-8</b>
Jatco RL4F02A	Bearing, Enclosed	2.638	67.00	1.654	42.00	0.236	6.00	<b>JA-N-5</b>
Toyota A-340H	Bearing, Partially Enclosed	2.690	68.33	1.740	44.20	0.150	3.81	<b>TO-N-6</b>
Toyota U140E & A442F	Race, 4 I.D. Tangs	2.703	68.65	1.839	46.70	0.118	3.00	<b>TO-N-17</b>
Jatco RE4R01A, RE4R03A	Starburst Bearing, 7 Tangs	2.717	69.00	1.654	42.00	0.276	7.00	<b>JA-N-6</b>
Jatco RE4R03A, 250mm(Nissan	Starburst Bearing, 14 Tangs	2.717	69.00	1.654	42.00	0.276	7.00	<b>JA-N-4</b>
Toyota A442F	Race, 4 I.D. Tangs	2.726	69.25	1.841	46.75	0.096	2.45	<b>TO-N-12</b>
NTA-3244	Bearing	2.750	69.85	2.000	50.80	0.078	1.98	<b>MI-N-8</b>
TRA-3244	Race	2.750	69.85	2.000	50.80	0.031	0.79	<b>MI-N-9</b>
TRB-3244	Race	2.750	69.85	2.000	50.80	0.060	1.52	<b>MI-N-17</b>
TRC-3244	Race	2.750	69.85	2.000	50.80	0.094	2.39	<b>MI-N-23</b>
FNT5070	Thrust Bearing	2.756	70.00	1.968	50.00	0.118	3.00	<b>AXK5070</b>
Ford CD4E 9-1/4 (A Pilot Stamp) &	Bearing, Enclosed	2.784	70.71	1.840	46.74	0.157	4.00	<b>FD-N-8</b>
Chrysler 10, Rear of Stator	Bearing, Enclosed	2.835	72.00	1.890	48.00	0.185	4.70	<b>CH-N-1</b>
Honda, MPYA	Bearing	2.835	72.00	1.969	50.00	0.177	4.50	<b>HO-N-4</b>
Ford 5R110W	Bearing, Partially Enclosed	2.839	72.10	1.939	49.26	0.107	2.71	<b>FD-N-11</b>
GM 298mm LU, Stator	Bearing, Partially Enclosed	2.844	72.24	1.435	36.45	0.148	3.76	<b>GM-N-8H</b>
Toyota U140E & A442F	Bearing, Partially Enclosed	2.854	72.48	1.732	44.00	0.150	3.81	<b>TO-N-11</b>
NTA-3446	Bearing	2.874	73.00	2.126	54.00	0.079	2.00	<b>MI-N-10</b>
TRA-3446	Race	2.874	73.00	2.126	54.00	0.031	0.80	<b>MI-N-11</b>
Ford 5R55N/S/W, 2 I.D. Tangs	Bearing, Enclosed	2.880	73.15	1.992	50.60	0.197	5.00	<b>FD-N-7</b>
Buick 350 Transmission	Bearing, Enclosed	2.890	73.40	2.138	54.30	0.141	3.58	<b>GM-N-14H</b>
Chrysler 10, 41TE & 42LE	Bearing, Enclosed	2.913	74.00	2.077	52.75	0.181	4.60	<b>CH-N-2</b>
Honda B7TA/B7VA/B7YA & Accord	Bearing	2.953	75.00	2.165	55.00	0.118	3.00	<b>HO-N-6</b>
Renault DPO & Peugeot A4L	Bearing and Spacer Kit	2.969	75.41	2.138	54.30	0.151	3.84	<b>RE-N-1K</b>
Mercedes 722.6	Bearing, Enclosed	2.983	75.77	2.167	55.03	0.197	5.00	<b>MB-N-2</b>
Renault DPO & Peugeot A4L	Bearing, Enclosed, OEM, 3	2.992	76.00	2.047	52.00	0.142	3.60	<b>RE-N-2</b>
GM 298mm LU, Stator	Race	3.000	76.20	1.756	44.60	0.039	1.00	<b>GM-N-9H</b>
GM 298mm LU, Stator	Race	3.000	76.20	1.758	44.65	0.061	1.55	<b>GM-N-10H</b>
Allison 540, Stator	Race	3.011	76.48	1.786	45.36	0.094	2.39	<b>GM-N-13R</b>
Mazda	Race, 4 I.D. Tangs	3.016	76.60	2.536	64.41	0.079	2.00	<b>MZ-N-2</b>
Jatco, RE4R01A, RWD	Bearing, Enclosed	3.031	77.00	2.047	52.00	0.236	6.00	<b>JA-N-3</b>
Allison 540, Stator	Bearing, Partially Enclosed	3.085	78.36	1.765	44.83	0.394	10.00	<b>GM-N-13H</b>
Ford 5R110W / 4R100 / E40D	Bearing, Enclosed	3.120	79.25	1.875	47.63	0.208	5.28	<b>FD-N-9</b>
Ford 5R110W	Bearing, Partially Enclosed	3.126	79.40	1.929	49.00	0.179	4.54	<b>FD-N-10</b>
Jatco RE5R05A	Bearing, Enclosed	3.228	82.00	2.213	56.20	0.236	6.00	<b>JA-N-13</b>
Jatco RE5R05A	Bearing, Eclosed, 12 Tangs	3.228	82.00	2.213	56.20	0.236	6.00	<b>JA-N-15</b>
High Performance	Bearing, Enclosed	3.228	82.00	2.185	55.50	0.188	4.78	<b>MI-N-28</b>
High Performance	Bearing Retainer (CH-N-1)	3.250	82.55	2.835	72.01	0.150	3.81	<b>MI-WS-01</b>
GM 298mm LU & 400, Stator, Late	Bearing, Enclosed	3.281	83.34	2.388	60.65	0.272	6.90	<b>GM-N-8HLT</b>
Toyota U140E & A442F	Race, 4 I.D. Tangs	3.341	84.85	2.421	61.50	0.138	3.50	<b>TO-N-16</b>
Jatco Stator	Bearing Adapter (CH-N-1)	3.370	85.60	1.730	43.94	0.080	2.03	<b>JA-WS-2</b>
GM 245mm LU & 265mm, Stator	Bearing, Enclosed	3.391	86.13	2.500	63.50	0.140	3.55	<b>GM-N-11</b>
Toyota U140E & A442F	Bearing, Partially Enclosed	3.488	88.60	2.315	58.80	0.170	4.31	<b>TO-N-15</b>
GM 6L80E, Impeller side	Bearing, Enclosed	3.661	93.00	2.598	66.00	0.179	4.55	<b>GM-N-20</b>
GM 300mm/Late 4L80-E, Single Stator	Bearing, Enclosed	3.661	93.00	2.593	65.86	0.150	3.80	<b>GM-N-18</b>
GM 4L80-E, Stator	Bearing, Enclosed	3.858	98.00	2.728	69.30	0.188	4.78	<b>GM-N-17</b>

## Sonnax Friction Rings by Raybestos®

### Tan, Kevlar, High Carbon and PowerTorque Friction Rings

O.D. x I.D. x Thickness in Inches	Part Number				
	Tan	Kevlar	High Carbon	PowerTorque	Carbon/Kevlar
6.815" x 6.438" x .045"	445170T				
6.815" x 6.438" x .075"	475170T				
7.500" x 6.685" x .045"	445420T				
7.930" x 7.100" x .040"					440620CK
8.070" x 7.280" x .045"	445640T				
8.250" x 7.125" x .045"	445160T	445160K			
8.250" x 7.125" x .066"				466160PT	
8.250" x 7.125" x .075"	475160T	475160K			
8.500" x 7.250" x .045"	445360T	445360K			
8.500" x 7.250" x .066"				466360PT	
8.500" x 7.250" x .075"	475360T	475360K			
8.750" x 7.750" x .045"	445150T	445150K	445150HC		
8.750" x 7.750" x .066"				466150PT	
8.750" x 7.750" x .075"	475150T	475150K			
8.843" x 8.062" x .045"	445140T				
8.843" x 8.062" x .066"				466140PT	
8.843" x 8.062" x .075"	475140T	475140K			
8.875" x 8.000" x .045"	445130T	445130K			
8.875" x 8.000" x .066"				466130PT	
8.875" x 8.000" x .075"	475130T	475130K			
9.000" x 7.500" x .066"				466570PT	
9.000" x 7.750" x .045"	445320T	445320K	445320HC		
9.000" x 7.750" x .066"				466320PT	
9.000" x 7.750" x .075"	475320T	475320K	475320HC		
9.000" x 8.000" x .045"	445390T	445390K			
9.000" x 8.000" x .066"				466390PT	
9.000" x 8.000" x .075"	475390T	475390K			
9.000" x 8.250" x .045"	445310T	445310K			
9.000" x 8.250" x .066"				466310PT	
9.000" x 8.250" x .075"	475310T	475310K			
9.125" x 7.745" x .045"	445220T	445220K			
9.125" x 7.745" x .066"				466220PT	
9.125" x 7.745" x .075"	475220T	475220K			
9.125" x 7.945" x .045"	445225T	445225K			
9.125" x 7.945" x .075"	475225T	475225K			
9.125" x 8.125" x .045"	445540T		445540HC		
9.250" x 8.125" x .045"	445120T	445120K	445120HC		
9.250" x 8.125" x .066"				466120PT	
9.250" x 8.125" x .075"	475120T	475120K	475120HC		
9.250" x 8.312" x .045"	445110T	445110K			
9.250" x 8.312" x .066"				466110PT	
9.250" x 8.312" x .075"	475110T	475110K			
9.312" x 7.875" x .045"	445520T	445520K			
9.312" x 7.875" x .075"	475520T	475520K			
9.375" x 8.125" x .045"	445100T	445100K			
9.440" x 8.380" x .045"			445690HC		
9.500" x 8.250" x .045"	445300T	445300K	445300HC		
9.500" x 8.250" x .066"				466300PT	
9.500" x 8.250" x .075"	475300T	475300K	475300HC		
9.500" x 8.500" x .045"	445090T	445090K			
9.500" x 8.500" x .066"				466090PT	
9.500" x 8.500" x .075"	475090T	475090K			
9.563" x 8.500" x .045"			445044HC		
9.625" x 7.625" x .045"	445210T	445210K			
9.625" x 7.625" x .066"				466210PT	

9.625" x 7.625" x .075"	475210T	475210K	
9.625" x 8.375" x .045"	445290T	445290K	
9.625" x 8.375" x .066"			466290PT
9.625" x 8.375" x .075"	475290T	475290K	
9.688" x 8.250" x .045"	445380T		
9.725" x 8.250" x .045"	445070T	445070K	445070HC
9.725" x 8.250" x .066"			466070PT
9.725" x 8.250" x .075"	475070T	475070K	
9.750" x 8.125" x .045"	445080T	445080K	
9.750" x 8.125" x .066"			466080PT
9.750" x 8.125" x .075"	475080T	475080K	
9.750" x 9.000" x .045"	445060T		
9.750" x 9.000" x .066"			466060PT
9.750" x 9.000" x .075"	475060T	475060K	
9.813" x 8.562" x .045"			445680HC
9.813" x 8.562" x .075"			475680HC
9.813" x 9.060" x .045"	445340T		
9.875" x 8.750" x .045"	445050T	445050K	445050HC
9.875" x 8.750" x .066"			466050PT
9.875" x 8.750" x .075"	475050T	475050K	475050HC
9.921" x 7.921" x .045"	445205T	445205K	
9.921" x 7.921" x .066"			466205PT
9.921" x 7.921" x .075"	475205T	475205K	
9.938" x 8.938" x .045"			445064HC
9.938" x 8.875" x .045"	445450T	445450K	
9.938" x 8.875" x .066"			466450PT
9.938" x 8.875" x .075"	475450T	475450K	
10.000" x 8.250" x .045"	445040T	445040K	
10.000" x 8.250" x .066"			466040PT
10.000" x 8.250" x .075"	475040T	475040K	
10.000" x 8.750" x .045"	445200T	445200K	445200HC
10.000" x 8.750" x .066"			466200PT
10.000" x 8.750" x .075"	475200T	475200K	475200HC
10.000" x 9.000" x .045"	445370T	445370K	
10.000" x 9.000" x .066"			466370PT
10.000" x 9.000" x .075"	475370T	475370K	
10.100" x 7.500" x .045"			445670HC
10.135" x 9.350" x .045"	445330T	445330K	
10.135" x 9.350" x .066"			466330PT
10.135" x 9.350" x .075"	475330T	475330K	
10.250" x 8.625" x .045"	445280T	445280K	445280HC
10.250" x 8.625" x .066"			466280PT
10.250" x 8.625" x .075"	475280T	475280K	475280HC
10.375" x 9.375" x .045"	445270T	445270K	445270HC
10.375" x 9.375" x .066"			466270PT
10.375" x 9.375" x .075"	475270T	475270K	475270HC
10.500" x 8.625" x .045"	445030T	445030K	
10.500" x 8.625" x .066"			466030PT
10.500" x 9.000" x .045"	445260T	445260K	
10.500" x 9.000" x .066"			466260PT
10.500" x 9.000" x .075"	475260T	475260K	
10.500" x 9.188" x .075"			475500HC
10.563" x 9.250" x .045"	445190T	445190K	
10.563" x 9.250" x .066"			466190PT
10.563" x 9.250" x .075"	475190T	475190K	
10.750" x 9.125" x .045"	445180T	445180K	
10.750" x 9.125" x .066"			466180PT
10.750" x 9.125" x .075"	475180T	475180K	
10.750" x 9.500" x .045"	445020T	445020K	
10.750" x 9.500" x .066"			466020PT
10.750" x 9.500" x .075"	475020T	475020K	



11.000" x 9.560" x .045"	445440K			
11.000" x 9.560" x .066"				466440PT
11.125" x 10.000" x .045"	445250T	445250K	445250HC	
11.125" x 10.000" x .066"				466250PT
11.125" x 10.000" x .075"	475250T	475250K	475250HC	
11.250" x 9.700" x .045"	445410T			
11.250" x 10.000" x .045"	445551T	445551K		
11.250" x 10.000" x .066"				466551PT
11.250" x 10.000" x .075"	475551T	475551K		
11.500" x 10.000" x .045"	445010T	445010K	445010HC	
11.500" x 10.000" x .066"				466010PT
11.500" x 10.000" x .075"	475010T	475010K	475010HC	
11.500" x 10.250" x .045"	445240T	445240K	445240HC	
11.500" x 10.250" x .066"				466240PT
11.500" x 10.250" x .075"	475240T	475240K	475240HC	
11.570" x 10.000" x .045"		445400K*	445400HC*	* with holes -
11.570" x 10.000" x .066"				Allison World
11.570" x 10.000" x .075"	475400T*	475400K*		Series
11.625" x 10.375" x .045"			445084HC	
11.625" x 10.375" x .075"			475084HC	
11.800" x 10.200" x .045"	445510T	445510K		
11.800" x 10.200" x .075"	475510T	475510K		
12.340" x 10.250" x .045"		445350K	445350HC	
12.340" x 10.250" x .066"				466350PT
12.340" x 10.250" x .075"		475350K	475350HC	
12.500" x 10.750" x .045"		445230K	445230HC	
12.500" x 10.750" x .066"				466230PT
12.500" x 10.750" x .075"		475230K	475230HC	
13.625" x 11.500" x .045"			445601HC*	* with holes -
13.625" x 11.500" x .066"				Allison World
13.625" x 11.500" x .075"			475601HC*	Series

Tan, Kevlar, High Carbon and PowerTorque Master Rings				
O.D. x I.D. x Thickness in Inches	Part Number			
	Tan	Kevlar	High Carbon	PowerTorque
12.000" x 6.000" x .045"	RMR1245			
12.000" x 6.000" x .075"	RMR1275			
13.000" x 7.000" x .045"		RMR1345	RMR1344HC	
13.000" x 7.000" x .066"				RMR1366
13.000" x 7.000" x .075"		RMR1375	RMR1374HC	

Spun Woven Carbon Rings	
O.D. x I.D. x Thickness in Inches	Part Number
8.854" x 7.591" x .045"	445650C
9.000" x 7.750" x .045"	445320C
9.625" x 8.375" x .045"	445430C
11.120" x 10.000" x .045"	445250C

Chrysler Floating Rings	
O.D. x I.D. x Thickness in Inches	Part Number
9.640" x 7.950" x .065"	455000
10.300" x 8.800" x .065"	460000
10.780" x 9.180" x .065"	450000

last update: 3/31/2010 ©Sonnax 2010

## Sonnax Friction Rings by Raybestos®

### Tan, Kevlar, High Carbon and PowerTorque Friction Rings

O.D. x I.D. x Thickness (Metric)	Part Number				
	Tan	Kevlar	High Carbon	PowerTorque	Carbon/Kevlar
173.10mm x 163.53mm x 1.14mm	445170T				
173.10mm x 163.53mm x 1.91mm	475170T				
190.50mm x 169.80mm x 1.14mm	445420T				
201.42mm x 180.34mm x 1.02mm					440620CK
204.98mm x 184.91mm x 1.14mm	445640T				
209.55mm x 180.98mm x 1.14mm	445160T	445160K			
209.55mm x 180.98mm x 1.68mm				466160PT	
209.55mm x 180.98mm x 1.91mm	475160T	475160K			
215.90mm x 184.15mm x 1.14mm	445360T	445360K			
215.90mm x 184.15mm x 1.68mm				466360PT	
215.90mm x 184.15mm x 1.91mm	475360T	475360K			
222.25mm x 196.85mm x 1.14mm	445150T	445150K	445150HC		
222.25mm x 196.85mm x 1.68mm				466150PT	
222.25mm x 196.85mm x 1.91mm	475150T	475150K			
224.61mm x 204.77mm x 1.14mm	445140T				
224.61mm x 204.77mm x 1.68mm				466140PT	
224.61mm x 204.77mm x 1.91mm	475140T	475140K			
225.43mm x 203.20mm x 1.14mm	445130T	445130K			
225.43mm x 203.20mm x 1.68mm				466130PT	
225.43mm x 203.20mm x 1.91mm	475130T	475130K			
228.60mm x 190.50mm x 1.68mm				466570PT	
228.60mm x 196.85mm x 1.14mm	445320T	445320K	445320HC		
228.60mm x 196.85mm x 1.68mm				466320PT	
228.60mm x 196.85mm x 1.91mm	475320T	475320K	475320HC		
228.60mm x 203.20mm x 1.14mm	445390T	445390K			
228.60mm x 203.20mm x 1.68mm				466390PT	
228.60mm x 203.20mm x 1.91mm	475390T	475390K			
228.60mm x 209.55mm x 1.14mm	445310T	445310K			
228.60mm x 209.55mm x 1.68mm				466310PT	
228.60mm x 209.55mm x 1.91mm	475310T	475310K			
231.78mm x 196.72mm x 1.14mm	445220T	445220K			
231.78mm x 196.72mm x 1.68mm				466220PT	
231.78mm x 196.72mm x 1.91mm	475220T	475220K			
231.78mm x 201.80mm x 1.14mm	445225T	445225K			
231.78mm x 201.80mm x 1.91mm	475225T	475225K			
231.78mm x 206.38mm x 1.14mm	445540T		445540HC		
234.95mm x 206.38mm x 1.14mm	445120T	445120K	445120HC		
234.95mm x 206.38mm x 1.68mm				466120PT	
234.95mm x 206.38mm x 1.91mm	475120T	475120K	475120HC		
234.95mm x 211.12mm x 1.14mm	445110T	445110K			
234.95mm x 211.12mm x 1.68mm				466110PT	
234.95mm x 211.12mm x 1.91mm	475110T	475110K			
236.52mm x 200.03mm x 1.14mm	445520T	445520K			
236.52mm x 200.03mm x 1.91mm	475520T	475520K			
238.13mm x 206.38mm x 1.14mm	445100T	445100K			
239.78mm x 212.85mm x 1.14mm			445690HC		
241.30mm x 209.55mm x 1.14mm	445300T	445300K	445300HC		
241.30mm x 209.55mm x 1.68mm				466300PT	
241.30mm x 209.55mm x 1.91mm	475300T	475300K	475300HC		
241.30mm x 215.90mm x 1.14mm	445090T	445090K			
241.30mm x 215.90mm x 1.68mm				466090PT	
241.30mm x 215.90mm x 1.91mm	475090T	475090K			
242.90mm x 215.90mm x 1.14mm			445044HC		
244.48mm x 193.68mm x 1.14mm	445210T	445210K			
244.48mm x 193.68mm x 1.68mm				466210PT	

244.48mm x 193.68mm x 1.91mm	475210T	475210K	
244.48mm x 212.73mm x 1.14mm	445290T	445290K	
244.48mm x 212.73mm x 1.68mm			466290PT
244.48mm x 212.73mm x 1.91mm	475290T	475290K	
246.08mm x 209.55mm x 1.14mm	445380T		
247.02mm x 209.55mm x 1.14mm	445070T	445070K	445070HC
247.02mm x 209.55mm x 1.68mm			466070PT
247.02mm x 209.55mm x 1.91mm	475070T	475070K	
247.65mm x 206.38mm x 1.14mm	445080T	445080K	
247.65mm x 206.38mm x 1.68mm			466080PT
247.65mm x 206.38mm x 1.91mm	475080T	475080K	
247.65mm x 228.60mm x 1.14mm	445060T		
247.65mm x 228.60mm x 1.68mm			466060PT
247.65mm x 228.60mm x 1.91mm	475060T	475060K	
249.25mm x 217.47mm x 1.14mm			445680HC
249.25mm x 217.47mm x 1.91mm			475680HC
249.25mm x 230.12mm x 1.14mm	445340T		
250.83mm x 222.25mm x 1.14mm	445050T	445050K	445050HC
250.83mm x 222.25mm x 1.68mm			466050PT
250.83mm x 222.25mm x 1.91mm	475050T	475050K	475050HC
251.99mm x 201.19mm x 1.14mm	445205T	445205K	
251.99mm x 201.19mm x 1.68mm			466205PT
251.99mm x 201.19mm x 1.91mm	475205T	475205K	
252.43mm x 227.03mm x 1.14mm			445064HC
252.43mm x 225.43mm x 1.14mm	445450T	445450K	
252.43mm x 225.43mm x 1.68mm			466450PT
252.43mm x 225.43mm x 1.91mm	475450T	475450K	
254.00mm x 209.55mm x 1.14mm	445040T	445040K	
254.00mm x 209.55mm x 1.68mm			466040PT
254.00mm x 209.55mm x 1.91mm	475040T	475040K	
254.00mm x 222.25mm x 1.14mm	445200T	445200K	445200HC
254.00mm x 222.25mm x 1.68mm			466200PT
254.00mm x 222.25mm x 1.91mm	475200T	475200K	475200HC
254.00mm x 228.60mm x 1.14mm	445370T	445370K	
254.00mm x 228.60mm x 1.68mm			466370PT
254.00mm x 228.60mm x 1.91mm	475370T	475370K	
256.54mm x 190.50mm x 1.14mm			445670HC
257.43mm x 237.49mm x 1.14mm	445330T	445330K	
257.43mm x 237.49mm x 1.68mm			466330PT
257.43mm x 237.49mm x 1.91mm	475330T	475330K	
260.35mm x 219.08mm x 1.14mm	445280T	445280K	445280HC
260.35mm x 219.08mm x 1.68mm			466280PT
260.35mm x 219.08mm x 1.91mm	475280T	475280K	475280HC
263.53mm x 238.13mm x 1.14mm	445270T	445270K	445270HC
263.53mm x 238.13mm x 1.68mm			466270PT
263.53mm x 238.13mm x 1.91mm	475270T	475270K	475270HC
266.70mm x 219.08mm x 1.14mm	445030T	445030K	
266.70mm x 219.08mm x 1.68mm			466030PT
266.70mm x 228.60mm x 1.14mm	445260T	445260K	
266.70mm x 228.60mm x 1.68mm			466260PT
266.70mm x 228.60mm x 1.91mm	475260T	475260K	
266.70mm x 233.38mm x 1.91mm			475500HC
268.30mm x 234.95mm x 1.14mm	445190T	445190K	
268.30mm x 234.95mm x 1.68mm			466190PT
268.30mm x 234.95mm x 1.91mm	475190T	475190K	
273.05mm x 231.78mm x 1.14mm	445180T	445180K	
273.05mm x 231.78mm x 1.68mm			466180PT
273.05mm x 231.78mm x 1.91mm	475180T	475180K	
273.05mm x 241.30mm x 1.14mm	445020T	445020K	
273.05mm x 241.30mm x 1.68mm			466020PT
273.05mm x 241.30mm x 1.91mm	475020T	475020K	

279.40mm x 242.82mm x 1.14mm		445440K		
279.40mm x 242.82mm x 1.68mm				466440PT
282.58mm x 254.00mm x 1.14mm	445250T	445250K	445250HC	
282.58mm x 254.00mm x 1.68mm				466250PT
282.58mm x 254.00mm x 1.91mm	475250T	475250K	475250HC	
285.75mm x 246.38mm x 1.14mm	445410T			
285.75mm x 254.00mm x 1.14mm	445551T	445551K		
285.75mm x 254.00mm x 1.68mm				466551PT
285.75mm x 254.00mm x 1.91mm	475551T	475551K		
292.10mm x 254.00mm x 1.14mm	445010T	445010K	445010HC	
292.10mm x 254.00mm x 1.68mm				466010PT
292.10mm x 254.00mm x 1.91mm	475010T	475010K	475010HC	
292.10mm x 260.35mm x 1.14mm	445240T	445240K	445240HC	
292.10mm x 260.35mm x 1.68mm				466240PT
292.10mm x 260.35mm x 1.91mm	475240T	475240K	475240HC	
293.88mm x 254.00mm x 1.14mm		445400K*	445400HC*	* with holes -
293.88mm x 254.00mm x 1.68mm				466400PT*
293.88mm x 254.00mm x 1.91mm	475400T*	475400K*		Allison World Series
295.28mm x 263.53mm x 1.14mm			445084HC	
295.28mm x 263.53mm x 1.91mm			475084HC	
299.72mm x 259.08mm x 1.14mm	445510T	445510K		
299.72mm x 259.08mm x 1.91mm	475510T	475510K		
313.44mm x 260.35mm x 1.14mm		445350K	445350HC	
313.44mm x 260.35mm x 1.68mm				466350PT
313.44mm x 260.35mm x 1.91mm		475350K	475350HC	
317.50mm x 273.05mm x 1.14mm		445230K	445230HC	
317.50mm x 273.05mm x 1.68mm				466230PT
317.50mm x 273.05mm x 1.91mm		475230K	475230HC	
346.08mm x 292.10mm x 1.14mm			445601HC*	* with holes -
346.08mm x 292.10mm x 1.68mm				466601HC*
346.08mm x 292.10mm x 1.91mm			475601HC*	Allison World Series

Tan, Kevlar, High Carbon and PowerTorque Master Rings				
O.D. x I.D. x Thickness (Metric)	Part Number			
	Tan	Kevlar	High Carbon	PowerTorque
304.80mm x 152.40mm x 1.14mm	RMR1245			
304.80mm x 152.40mm x 1.91mm	RMR1275			
330.20mm x 177.80mm x 1.14mm		RMR1345	RMR1344HC	
330.20mm x 177.80mm x 1.68mm				RMR1366
330.20mm x 177.80mm x 1.91mm		RMR1375	RMR1374HC	

Spun Woven Carbon Rings	
O.D. x I.D. x Thickness (Metric)	Part Number
224.89mm x 192.81mm x 1.14mm	445650C
228.60mm x 196.85mm x 1.14mm	445320C
244.48mm x 212.73mm x 1.14mm	445430C
282.45mm x 254.00mm x 1.14mm	445250C

Chrysler Floating Rings	
O.D. x I.D. x Thickness (Metric)	Part Number
244.86mm x 201.93mm x 1.65mm	455000
261.62mm x 223.52mm x 1.65mm	460000
273.81mm x 233.17mm x 1.65mm	450000

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O-Rings							
Application	I.D.		Cross Section		Material	Color/Shape	Part Number
	inches	mm	inches	mm			
BW/Chrysler 618 310mm LU	2.050	52.07	0.103	2.62	Fluorocarbon	Black	GM-O-8V
BW/Chrysler 618 310mm LU, Oversized	2.050	52.07	0.108	2.74	Fluorocarbon	Blue	GM-O-12V
Chrysler 9-1/2" & 10" LU, Oversized	4.134	105.00	0.110	2.80	Fluorocarbon	Black	CH-O-5V
Chrysler 9-1/2" LU, 10" L/U	4.158	105.61	0.103	2.62	Fluorocarbon	Black	CH-O-6V
Chrysler 10-3/4" LU	4.237	107.62	0.103	2.62	Fluorocarbon	White Mark	CH-O-3V
Chrysler 45RFE, Impeller Hub	1.612	40.94	0.103	2.62	Fluorocarbon	Black	CH-O-8V
Chrysler 45RFE	0.676	17.17	0.070	1.78	Fluorocarbon	Black	CH-O-10V
Chrysler 45RFE	2.573	65.35	0.103	2.62	Fluorocarbon	Black	CH-O-11V
Chrysler 6:8RFE	3.150	80.00	0.098	2.50	Fluorocarbon	Black	CH-O-14V
Chrysler 10", 41TE & 42LE	2.239	56.87	0.070	1.78	Fluorocarbon	Black	CH-O-12V
Fichtel & Sachs OEM Version	1.937	49.20	0.096	2.44	Fluorocarbon	N/A	FS-O-1V
Fichtel&Sachs ZF5HP19,ZF5HP24,ZF6HP26	2.737	69.52	0.103	2.62	Fluorocarbon	Green	FS-O-2V
Fichtel & Sachs ZF5HP19	2.945	74.80	0.103	2.62	Fluorocarbon	Black	FS-O-3V
Ford AODE, E4OD, 4R70W	2.156	54.75	0.128	3.24	Fluorocarbon	Black	FD-O-4V
Ford AODE, E4OD, 4R70W	2.156	54.75	0.134	3.40	Fluorocarbon	Blue	FD-O-18V
Ford AXOD	1.171	29.74	0.139	3.53	Fluorocarbon	Orange	FD-O-3V
Ford AXODE	1.237	31.42	0.103	2.62	Fluorocarbon	Black	FD-O-6V
Ford AXODE	1.237	31.42	0.105	2.67	Fluorocarbon	Black	FD-O-13V
Ford CD4E	1.575	40.00	0.104	2.65	Fluorocarbon	Black	FD-O-8V
Ford CD4E, Oversized	1.575	40.00	0.109	2.78	Fluorocarbon	Blue	FD-O-17V
GM 245mm LU	1.239	31.47	0.070	1.78	Fluorocarbon	Orange	GM-O-21V
GM 245mm LU, Oversized	1.260	32.00	0.079	2.00	Fluorocarbon	Blue	GM-O-4V
GM 258mm LU & Saturn Impeller Hubs	1.364	34.65	0.070	1.78	Fluorocarbon	Black	GM-O-6V
GM 265mm LU	1.378	35.00	0.098	2.50	Fluorocarbon	Blue	GM-O-5V
GM 298mm LU, Standard Size	2.114	53.70	0.070	1.78	Fluorocarbon	Orange	GM-O-1V
GM 298mm LU, Oversized	2.047	52.00	0.079	2.00	Fluorocarbon	Blue	GM-O-3V
GM 300mmLU & 265mmLU, Viscous Damper	1.466	37.24	0.075	1.90	Fluorocarbon	Black	GM-O-9V
GM 4L80-E	1.864	47.35	0.070	1.78	Fluorocarbon	Orange	GM-O-2V
GM 4L80-E, Oversized	1.864	47.35	0.077	1.96	Fluorocarbon	Blue	GM-O-10V
GM 6L80-E	2.300	58.42	0.103	2.62	Fluorocarbon	Black	GM-O-11V
Honda Impeller Hub	1.301	33.05	0.070	1.78	Fluorocarbon	Black	HO-O-1V
Honda Impeller Hub	1.398	35.50	0.075	1.90	Fluorocarbon	Green	HO-O-2V
Jatco JF404E	1.850	47.00	0.100	2.54	Fluorocarbon	Black	JA-O-10V
Jatco JF506E	1.516	38.50	0.079	2.00	Fluorocarbon	Black	JA-O-6V
Jatco L3N71B, JF403, RL3F01A	1.339	34.00	0.079	2.00	Fluorocarbon	Black	JA-O-1V
Jatco L3N71B, JF403, RL3F01A, Oversized	1.327	33.71	0.088	2.23	Fluorocarbon	Black	JA-O-5V

Jatco L4N71B RWD, N4A-EL, RE4R03A, RE4R01A RWD,	1.496	38.00	0.079	2.00	Fluorocarbon	Orange	<b>JA-O-2V</b>
Jatco L4N71B RWD, N4A-EL, RE4R03A, RE4R01A RWD,	1.496	38.00	0.088	2.23	Fluorocarbon	Blue	<b>JA-O-3V</b>
Mazda 4EAT, Late '96 & Up	2.205	56.00	0.080	2.03	Fluorocarbon	Black	<b>MZ-O-1V</b>
Mazda 4EAT-F (DA-50) Escort '96-Up	3.247	82.47	0.098	2.49	Fluorocarbon	Black	<b>MZ-O-2V</b>
Mitsubishi, '99 Galant, Ink Code "2C"	3.237	82.22	1.030	2.62	Fluorocarbon	Black	<b>MT-O-7V</b>
Mitsubishi KM 175/176	2.987	75.87	0.103	2.62	Fluorocarbon	Orange	<b>MT-O-4V</b>
Mitsubishi F4/R4A51, F5/R5A51	2.087	53.00	0.097	2.45	Fluorocarbon	Black	<b>MT-O-8V</b>
Mitsubishi F4/R4A51, F5/R5A51	2.087	53.00	0.103	2.62	Fluorocarbon	Blue	<b>MT-O-10V</b>
Saturn	1.102	28.00	0.098	2.50	Fluorocarbon	Blue	<b>GM-O-7V</b>
Volkswagen 096/01M, 098/01P; Audi 097/01N	3.307	84.00	0.097	2.46	Fluorocarbon	Black	<b>VW-O-1V</b>

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Radial Lip Seal Details						
Application	Shaft		HousingBore		Material	Part Number
	Inches	mm	Inches	mm		
Chrysler 9-1/2" LU & 10" LU	0.481	12.21	0.963	24.50	Fluorocarbon	CH-O-9V
Chrysler 10-3/4" LU & A999	0.785	19.94	1.072	27.20	Fluorocarbon	CH-O-1V
Fichtel & Sachs ZF4HP22 & 5HP30	0.710	18.00	0.945	24.00	Fluorocarbon	FS-O-27V
Ford AODE	0.866	22.00	1.089	27.70	Fluorocarbon	FD-O-5V
Ford CD4E	0.768	19.50	1.030	26.20	Fluorocarbon	FD-O-7V
Ford 4F27E (Focus)	0.590	15.00	0.912	23.17	Fluorocarbon	FD-O-10V
GM 6T40-E (236mm)	0.531	13.50	0.858	21.78	Fluorocarbon	GM-O-14V
Mitsubishi F4A42	0.630	16.00	0.976	24.80	Fluorocarbon	MT-O-6V
Mitsubishi KM 175/176	0.670	17.00	0.984	25.00	Fluorocarbon	MT-O-5V
Toyota A131,A140,A540, A541, A340&AW4	0.590	15.00	0.925	23.50	Fluorocarbon	TO-O-1V
Toyota A43/140	0.610	15.50	0.925	23.50	Fluorocarbon	TO-O-2V
Toyota A440	0.590	15.00	0.984	25.00	Fluorocarbon	TO-O-3V
Aisin-Warner 450-43LE & Toyota A442F	0.610	15.50	0.984	25.00	Fluorocarbon	TO-O-5V
Aisin Warner 55-50SN	0.591	15.00	0.935	23.74	Fluorocarbon	TO-O-7V
Volkswagen 096/01M, 097/01N, 098/01P	1.040	26.50	1.270	32.14	Fluorocarbon	VW-O-2V

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Details for Seal Rings (Scarf, Solid, Square Cut, D-shape)										
Application	O.D.		Width		Height		Description	Material	Color/Shape	Part Number
	Inches	mm	Inches	mm	Inches	mm				
Aisin-Warner 450-43LE	2.383	60.53	0.091	2.32	0.095	2.41	Seal, Butt Cut	PTFE		TO-O-4
Aisin-Warner TF-60SN, VW 09G	1.562	39.67	0.090	2.30	0.093	2.35	Seal, Piston, Scarf Cut	PTFE		VW-O-3
Aisin Warner 80/81 - 40LE (Toyota U440E)	1.263	32.08	0.077	1.96	0.082	2.09	Seal, Scarf Cut	PTFE		TO-O-8
Allison 1000/2000/2400 Series, Early	2.380	60.45	0.090	2.29	0.096	2.44	Seal, Butt Cut	PTFE		AL-O-1
Allison 1000/2000/2400 Series, 2006-up	2.953	75.00	0.091	2.30	0.085	2.16	Seal, Scarf Cut	PTFE		AL-O-2
Borg Warner Bolted Aluminum	3.976	101.00	0.137	3.48	0.137	3.48	Seal, Square Cut	Fluorocarbon	Black	FD-O-1
Borg Warner Bolted Aluminum	12.250	311.15	0.125	3.18	0.125	3.18	Seal, Square Cut	Fluorocarbon	Black	FD-O-2
Chrysler 10-3/4" LU	4.518	114.76	0.033	0.84	0.090	2.29	Back-Up Ring	PTFE		CH-O-2
Chrysler 9-1/2" LU & 10" LU	4.344	110.35	0.033	0.84	0.092	2.34	Back-Up Ring	PTFE		CH-O-4
Ford 4R100 (Associated Item: FD-HT-31HS)	2.772	70.40	0.099	2.51	0.094	2.39	Seal, Piston, Scarf Cut	PTFE		FD-O-9
Ford 5R55N/S/W	1.723	43.76	0.100	2.54	0.111	2.82	Seal, Solid	PTFE		FD-O-14
Ford 5R55N/S/W, Scarf Cut option	1.710	43.43	0.100	2.54	0.111	2.82	Seal, Scarf Cut	PTFE		FD-O-15
Ford A4LD	2.043	51.89	0.091	2.32	0.101	2.57	Seal, Scarf Cut	PTFE		FD-O-52
Ford AODE, 4R70W	2.385	60.58	0.168	4.27	0.104	2.64	Seal, Piston, Solid	PTFE		FD-O-19
Ford AX4S/AX4N	1.559	39.60	0.092	2.33	0.100	2.54	Seal, Piston, Scarf Cut	PTFE		FD-O-40
Ford CD4E, 9-1/4" 3.0L, AX4S AX4N(4F50N)	1.673	42.50	0.130	3.30	0.096	2.44	Seal, Solid	PTFE		FD-O-12
Ford CD4E, 9-1/4" 3.0L, AX4S/AX4N(4F50N), Scarf Cut option	1.673	42.50	0.130	3.30	0.096	2.44	Seal, Scarf Cut	PTFE		FD-O-16
Ford Focus 4F27E (Assoc.item: FD-HT-5HS)	3.499	88.87	0.094	2.40	0.122	3.10	Seal, Square Cut	PTFE		FD-O-11
GM 300mm LU (4L60-E)	1.726	43.83	0.095	2.39	0.085	2.19	Seal, Solid	PTFE		GM-O-13
Honda MPYA	1.413	35.90	0.079	2.00	0.052	1.32	Seal, Scarf Cut	PTFE		HO-O-36
Jatco RL4F03A	1.571	39.90	0.092	2.33	0.092	2.34	Seal, Scarf Cut	PTFE		MZ-O-40
Jatco RL4F03A & RL4F04A/V	1.689	42.90	0.092	2.33	0.092	2.34	Seal, Scarf Cut	PTFE		JA-O-4
Jatco RE5R05A	1.699	43.15	0.089	2.26	0.090	2.28	Seal, Square Cut	PTFE		JA-O-7
Jatco RE5R05A	2.390	60.71	0.083	2.11	0.158	4.01	Seal, D-shape	Fluorocarbon	Black	JA-O-8V
Jatco RE5R05A	6.220	158.00	0.089	2.26	0.158	4.01	Seal, D-shape	Fluorocarbon	Black	JA-O-9V
Mazda 4EAT/G4A-EL (part of MZ-HT-10K)	2.358	59.90	0.096	2.43	0.102	2.59	Seal, Scarf Cut	PTFE		FD-O-60
Mercedes 722.6, '96-Up	6.740	171.19	0.083	2.10	0.115	2.92	Seal, Solid	Fluorocarbon	Black	MB-O-2V
Mercedes 722.6, '96-Up	2.242	56.95	0.086	2.18	0.112	2.85	Seal, Solid	Fluorocarbon	Black	MB-O-4V
Mercedes 722.6, '96-Up	0.834	21.18	0.082	2.08	0.112	2.85	Seal, Solid	PTFE	Orange	MB-O-5V
Mitsubishi F4A33, KM175/176 Late Model	2.283	58.00	0.079	2.00	0.118	3.00	Seal, D-shape	Fluorocarbon		MT-O-3V
Renault DPO, Peugeot AL4	2.130	54.10	0.074	1.88	0.079	2.01	Seal, Special Cut	PEEK®		RE-O-1V
Renault DPO and Peugeot AL4, 2005-up	2.153	54.68	0.094	2.38	0.092	2.34	Seal, Piston, Scarf Cut	PTFE		RE-O-2
Subaru RE4R01A	2.280	57.91	0.096	2.43	0.105	2.67	Seal, Scarf Cut	PTFE		SU-O-58
Toyota A131	4.020	102.11	0.091	2.31	0.091	2.31	Seal, Scarf Cut	PTFE		TO-O-102
Toyota A140E FWD	4.357	110.67	0.091	2.31	0.091	2.31	Seal, Scarf Cut	PTFE		TO-O-110
Toyota A43DE/DL	2.687	68.25	0.091	2.30	0.091	2.31	Seal, Scarf Cut	PTFE		TO-O-68
ZF (Scarf cut with Expansion Ring)	2.358	59.90	0.095	2.43	0.205	5.21	Seal, Scarf Cut	PTFE		FS-O-60K