

Bearing & Seal Details

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Bearing & Race Details

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O-Ring Details

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Bearing & Race Details Standard Applications

	O.D. I.D. Thickness								
	5					· ·	kness	D (N)	
Application	Description	inches		inches		inches	10.00	Part Number	
Allison 540, Stator	Bearing, Partially Enclosed	3.085	78.36				10.00	GM-N-13H	
Allison 540, Stator	Race	3.011	76.48				2.39	GM-N-13R	
Chrysler 10, Rear of Stator	Bearing, Enclosed	2.835		1.890		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		7.00	CH-N-10	
Chrysler 9-1/2 & 10 LU, Front Cover	Bearing, Enclosed	2.362	60.00	1.075	27.30		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		1.693			1.00	FD-N-2	
Ford A4LD	Race, O.D. Tang	2.480			43.00		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		1.929	49.00	0.179	4.54	FD-N-10	
Ford 5R110W	Bearing, Partially Enclosed	2.839		1.939			2.71	FD-N-11	
FNT5070	Thrust Bearing	2.756		1.968	50.00		3.00	AXK5070	
GM 245mm LU & 265mm, Stator	Bearing, Enclosed	3.391	86.13	2.500		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			6.90	GM-N-8HLT	
GM (Chevy & Buick 350), Stator	Race, Cupped	2.250					0.79	GM-N-4H	
GM (Chevy & Buick 350), Stator	Race w/I.D. Lip	2.078	52.78				0.79	GM-N-6H	
GM (Chevy & Buick 350)	Bearing	2.171	55.14				3.18	GM-N-1H	
GM (Chevy & Buick 350)	Bearing	2.188	55.58	1.500			1.98	GM-N-1L	
GM (Chevy & Buick 350)	Bearing	2.175	55.25	1.506		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		1.57	GM-WS-60	
GM 350	Race	2.187	55.55	1.500	38.10		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		4.55	GM-N-20	
GM 300mm/Late 4L80-E, Single Stato	· · · · · · · · · · · · · · · · · · ·	3.661	93.00	2.593	65.86		3.80	GM-N-18	
Honda, Stator	Bearing	2.543	64.60	1.780			4.00	HO-N-1	
Honda, Front Cover	Race, Cupped	1.457		0.827	21.00		1.00	HO-N-2	
Honda, MPYA	Bearing	2.835		1.969		0.177	4.50	HO-N-4	
Honda B7TA/B7VA/B7YA & Accord	Bearing	2.953		2.165			3.00	HO-N-6	



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

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		0.	D.	I.]	D.	Thicl	kness	
Application	Description	inches	mm	inches	mm	inches	mm	Part Number
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
TRB-2031	Race	1.929	49.00	1.260	32.00	0.062	1.57	MI-N-12
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
NTA-2840	Bearing	2.500	63.50	1.750	44.45	0.078	1.98	MI-N-6
TRA-2840	Race	2.500	63.50	1.750	44.45	0.031	0.79	MI-N-7
TRB-2840	Race	2.500	63.50	1.750	44.45	0.062	1.57	MI-N-18
NTA-3244	Bearing	2.750	69.85	2.000	50.80	0.078	1.98	MI-N-8
TRA-3244	Race	2.750	69.85	2.000	50.80	0.031	0.79	MI-N-9
TRB-3244	Race	2.750	69.85	2.000	50.80	0.060	1.52	MI-N-17
TRC-3244	Race	2.750	69.85	2.000	50.80	0.094	2.39	MI-N-23
NTA-3446	Bearing	2.874	73.00	2.126	54.00	0.079	2.00	MI-N-10
TRA-3446	Race	2.874	73.00	2.126	54.00	0.031	0.80	MI-N-11
GM 350 Transmission	Bearing, Enclosed	2.890	73.40	2.138	54.30	0.141	3.58	GM-N-14H
Chrysler Racekit	Bearing, Enclosed	2.255	57.28	1.436	36.47	0.134	3.42	MI-N-24
High Performance	Bearing, Enclosed	3.228	82.00	2.185	55.50	0.188	4.78	MI-N-28
High Performance	Bearing Retainer (CH-N-1)	3.250	82.55	2.835	72.01	0.150	3.81	MI-WS-01



Bearing & Race Details All Applications

(in O.D. Size Order)

		0.	D.	I.I	D.	Thicl	kness	
Application	Description	inches	mm	inches	mm	inches	mm	Part Number
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				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		28.25	0.110		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			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		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		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		36.47	0.134	3.42	MI-N-24
Mazda	Bearing, Partially Enclosed	2.260	57.40					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		1.300				MZ-N-10K
Ford 4R100	Bearing, Enclosed	2.350	59.68	1.661	42.20		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		40.00		1.00	FS-N-1
ZF4HP18	Bearing	2.362	60.00	1.575	40.00		2.00	FS-N-3
Ford A4LD, ZF, Toyota, Mercedes,	Bearing/Torrington	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3
Jatco: FNT-4060								
Ford A4LD, ZF, Toyota, Mercedes,	Bearing/Ina	2.362	60.00	1.575	40.00	0.118	3.00	MI-N-3A
Jatco: FNT-4060								
Associated Bearing Race, Mercedes:	Race	2.362	60.00	1.575	40.00	0.039	1.00	MB-WS-4060
FTRA-4060								
Associated Bearing Race, Mercedes:	Race	2.362	60.00	1.575	40.00	0.030	0.76	MB-WS-4060T
FTRA-4060 (thinner)								
Toyota	Bearing Race, 1 I.D. Tang	2.362	60.00		40.00			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



Bearing & Race Details All Applications

(in O.D. Size Order)

		0.	D.	I.I).	Thicl	kness	
Application	Description	inches		inches		inches		Part Number
TRB-2840	Race	2.500				0.062		MI-N-18
Honda, Stator	Bearing	2.543	64.60		45.20	0.002		HO-N-1
Toyota A-340H	Race, 4 I.D. Tangs	2.570			46.74	0.138		TO-N-7
Jatco RE4R03A, 280mm	Starburst Bearing, 6 Tangs	2.588	65.74		40.94	0.316		JA-N-8
Mercedes 722.6	Bearing, Enclosed	2.589	65.75		43.50	0.197		MB-N-1
Jatco	Starburst Bearing, 6 Tangs	2.614	66.40		41.75	0.220		JA-N-9
Chrysler 10-3/4 LU, Front Cover	Bearing, Enclosed	2.638	67.00		35.33	0.138		CH-N-8
Jatco RL4F02A	Bearing, Enclosed	2.638	67.00		42.00	0.236		JA-N-5
Toyota A-340H	Bearing, Partially Enclosed	2.690			44.20	0.150		TO-N-6
Toyota U140E & A442F	Race, 4 I.D. Tangs	2.703	68.65	1.839	46.70	0.118		TO-N-17
Jatco RE4R01A, RE4R03A	Starburst Bearing, 7 Tangs	2.717	69.00		42.00	0.276		JA-N-6
Jatco RE4R03A, 250mm(Nissan	Starburst Bearing, 14 Tangs	2.717	69.00		42.00	0.276		JA-N-4
Toyota A442F	Race, 4 I.D. Tangs	2.726	69.25		46.75	0.276		TO-N-12
NTA-3244	Bearing	2.750			50.80	0.078		MI-N-8
TRA-3244	Race	2.750		2.000	50.80	0.031	0.79	MI-N-9
TRB-3244	Race	2.750	69.85	2.000	50.80	0.060		MI-N-17
TRC-3244	Race	2.750			50.80	0.094		MI-N-23
FNT5070	Thrust Bearing	2.756	70.00		50.00	0.118		AXK5070
Ford CD4E 9-1/4 (A Pilot Stamp) &	Bearing, Enclosed	2.784	70.71	1.840	46.74	0.157	4.00	FD-N-8
Chrysler 10, Rear of Stator	Bearing, Enclosed	2.835	72.00		48.00	0.137		CH-N-1
Honda, MPYA	Bearing Bearing	2.835	72.00		50.00	0.177	4.50	HO-N-4
Ford 5R110W	Bearing, Partially Enclosed	2.839	72.10		49.26	0.107	2.71	FD-N-11
GM 298mm LU, Stator	Bearing, Partially Enclosed	2.844	72.24		36.45	0.148		GM-N-8H
Toyota U140E & A442F	Bearing, Partially Enclosed	2.854	72.48		44.00	0.150		TO-N-11
NTA-3446	Bearing	2.874	73.00		54.00	0.079		MI-N-10
TRA-3446	Race	2.874	73.00		54.00	0.031	0.80	MI-N-11
Ford 5R55N/S/W, 2 I.D. Tangs	Bearing, Enclosed	2.880	73.15		50.60	0.197		FD-N-7
Buick 350 Transmission	Bearing, Enclosed	2.890			54.30	0.141	3.58	GM-N-14H
Chrysler 10, 41TE & 42LE	Bearing, Enclosed	2.913	74.00		52.75	0.181	4.60	CH-N-2
Honda B7TA/B7VA/B7YA & Accord	Bearing	2.953	75.00		55.00	0.118		HO-N-6
Renault DPO & Peugeot A4L	Bearing and Spacer Kit	2.969						RE-N-1K
Mercedes 722.6	Bearing, Enclosed	2.983	75.77	2.167	55.03	0.197	5.00	MB-N-2
Renault DPO & Peugeot A4L	Bearing, Enclosed, OEM, 3	2.992	76.00		52.00	0.142		RE-N-2
GM 298mm LU, Stator	Race	3.000			44.60	0.039		GM-N-9H
GM 298mm LU, Stator	Race	3.000	76.20		44.65	0.061	1.55	GM-N-10H
Allison 540, Stator	Race	3.011	76.48		45.36	0.094		GM-N-13R
Mazda	Race, 4 I.D. Tangs	3.016			64.41	0.079		MZ-N-2
Jatco, RE4R01A, RWD	Bearing, Enclosed	3.031	77.00		52.00	0.236		JA-N-3
Allison 540, Stator	Bearing, Partially Enclosed	3.085	78.36		44.83	0.394		GM-N-13H
Ford 5R110W / 4R100 / E40D	Bearing, Enclosed	3.120						FD-N-9
Ford 5R110W	Bearing, Partially Enclosed	3.126				0.179		FD-N-10
Jatco RE5R05A	Bearing, Enclosed	3.228			56.20	0.236		JA-N-13
Jatco RE5R05A	Bearing, Eclosed, 12 Tangs	3.228			56.20			JA-N-15
High Performance	Bearing, Enclosed	3.228			55.50			MI-N-28
High Performance	Bearing Retainer (CH-N-1)	3.250			72.01	0.150		MI-WS-01
GM 298mm LU & 400, Stator, Late	Bearing, Enclosed	3.281	83.34		60.65	0.272		GM-N-8HLT
Toyota U140E & A442F	Race, 4 I.D. Tangs	3.341	84.85		61.50	0.138		TO-N-16
Jatco Stator	Bearing Adapter (CH-N-1)	3.370				0.080		JA-WS-2
GM 245mm LU & 265mm, Stator	Bearing, Enclosed	3.391	86.13		63.50	0.140		GM-N-11
Toyota U140E & A442F	Bearing, Partially Enclosed	3.488			58.80	0.170		TO-N-15
GM 6L80E, Impeller side	Bearing, Enclosed	3.661	93.00		66.00	0.179		GM-N-20
GM 300mm/Late 4L80-E, Single Staton		3.661	93.00		65.86	0.150		GM-N-18
GM 4L80-E, Stator	Bearing, Enclosed	3.858	98.00		69.30	0.188		GM-N-17

O-Ring Details

SONNAX® TIME TESTED • INDUSTRY TRUSTED®

	I.D).	Cross Sect	tion			
Application	inches	mm	inches	mm	Material	Color/Shape	Part Number
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			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		2.62	Fluorocarbon	Black	FS-O-3V
Ford AODE, E4OD, 4R70W	2.156			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		Fluorocarbon	Orange	FD-O-3V
Ford AXODE	1.237	31.42	0.103		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			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		Fluorocarbon	Blue	GM-O-4V
GM 258mm LU & Saturn Impeller Hubs	1.364	34.65	0.070		Fluorocarbon	Black	GM-O-6V
GM 265mm LU	1.378	35.00		2.50	Fluorocarbon	Blue	GM-O-5V
GM 298mm LU, Standard Size	2.114	53.70			Fluorocarbon	Orange	GM-O-1V
GM 298mm LU, Oversized	2.047	52.00			Fluorocarbon	Blue	GM-O-3V
GM 300mmLU & 265mmLU, Viscous Damper	1.466	37.24			Fluorocarbon	Black	GM-O-9V
GM 4L80-E	1.864	47.35			Fluorocarbon	Orange	GM-O-2V
GM 4L80-E, Oversized	1.864	47.35	0.077		Fluorocarbon	Blue	GM-O-10V
GM 6L80-E	2.300	58.42	0.103		Fluorocarbon	Black	GM-O-11V
Honda Impeller Hub	1.301	33.05	0.070		Fluorocarbon	Black	HO-O-1V
Honda Impeller Hub	1.398	35.50	0.075		Fluorocarbon	Green	HO-O-2V
Jatco JF404E	1.850	47.00			Fluorocarbon	Black	JA-O-10V
Jatco JF506E	1.516	38.50			Fluorocarbon	Black	JA-O-6V
Jatco L3N71B, JF403, RL3F01A	1.339	34.00			Fluorocarbon	Black	JA-O-1V
Jatco L3N71B, JF403, RL3F01A, Oversized	1.327	33.71	0.088	2.23	Fluorocarbon	Black	JA-O-5V

O-Ring Details



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

Radial Lip Seal Details



	Shat	ft	Housin	gBore		
Application	Inches	mm	Inches	mm	Material	Part Number
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



Seal Ring Details Scarf, Solid, Square Cut & D-Shape

	0.	D.	Wid	th	Hei	ght			Color/S	
Application	Inches	mm	Inches	mm	Inches	mm	Description	Material	hape	Part Number
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		Seal, Solid	PTFE		FD-O-12
Ford CD4E, 9-1/4" 3.0L, AX4S/AX4N(4F50N), Scarf	1.673	42.50	0.130	3.30	0.096	2.44	Seal, Scarf Cut	PTFE		FD-O-16
Cut option										
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		Seal, Scarf Cut	PTFE		TO-O-68
ZF (Scarf cut with Expansion Ring)	2.358	59.90	0.095	2.43	0.205		Seal, Scarf Cut	PTFE		FS-O-60K