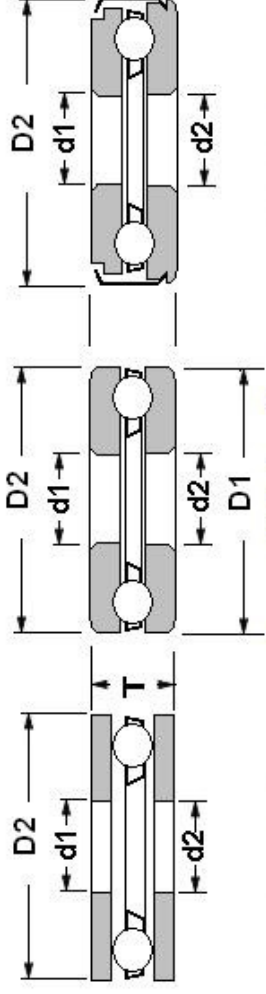




Bearings - Thrust - Ball

3 Piece Thrust Bearings, Shielded and Unshielded



Flat Washer Type

Grooved Washer Type

Shielded Type

Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) mm	Undersized OD if Applic. (D2) mm	Cage Type
T-0206-F-BR	2.000	6.000	3.000	SAE 52100 Chrome Steel		Flat Washers	-		Brass
# ST-02.381-06.350-G	2.381	6.350	2.381	AISI 440C Stainless Steel		Grooved Washers	2.431	6.299	Stamped Stainless Steel
# T-02.507-F	2.500	7.000	3.500	SAE 52100 Chrome Steel		Flat Washers	-		Brass
# T-0308N-F	3.000 (+/- 0.1)	8.000 (+/- 0.1)	2.780 (+/- 0.1)	High Carbon Chrome Tool Steel	7	Flat Washers	-		SAE 52100 Chrome Steel
# T-0308-F-ST	3.000	8.000	3.500	SAE 52100 Chrome Steel		Flat Washers	-		SAE 52100 Chrome Steel
T-0308-G-BR	3.000	8.000	3.500	SAE 52100 Chrome Steel	141	Grooved Washers	3.200		Brass
# ST-03.175-07.938-G	3.175	7.938	3.175	AISI 440C Stainless Steel		Grooved Washers	3.226	7.887	Stamped Stainless Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2)	Undersized OD if Applic. (D2) mm	Cage Type
# ST-03.175-07.938-GM	3.175	7.938	3.175	AISI 440C Stainless Steel		Grooved Washers	3.226	7.887	Machined Stainless Steel
# ST-03.175-11.113N-G	3.175	11.113	3.810	AISI 440C Stainless Steel		Grooved Washers	3.226	11.062	Stamped Stainless Steel
# ST-03.175-11.113-GM	3.175	11.113	4.763	AISI 440C Stainless Steel		Grooved Washers	3.226	11.062	Machined Stainless Steel
T-03.175-12.000-F	3.175	12.000	6.000	SAE 52100 Chrome Steel	21	Flat Washers			Brass
# ST-03.208-F	3.200 (+/- 0.1)	8.000 (+/- 0.1)	2.780 (+/- 0.1)	AISI 440C Stainless Steel	7	Flat Washers	-		Brass
# T-03.175-11.125-F	3.251 - 3.378	10.922 - 11.100	4.826 - 4.978	High Carbon Steel Rockwell C 60 Min	21	Flat Washers			Moulded Nylon
ST-03.175-11.125-F	3.251 - 3.378	10.922 - 11.100	4.826 - 4.978	400 Series Stainless Steel Rockwell 42-45C	15	Flat Washers			Moulded Nylon
# T-0406.3-GZ	4.000	6.300	5.000	SAE 52100 Chrome Steel	40	Shielded, Grooved	4.100		SAE 52100 Chrome Steel
# T-0409N-F	4.000 (+/- 0.1)	9.000 (+/- 0.1)	2.780 (+/- 0.1)	High Carbon Chrome Tool Steel	7.8	Flat Washers	-		SAE 52100 Chrome Steel
T-0409-G-ST	4.000	9.000	4.000	SAE 52100 Chrome Steel	147	Grooved Washers	4.200		SAE 52100 Chrome Steel
T-0409-G-BR	4.000	9.000	4.000	SAE 52100 Chrome Steel	147	Grooved Washers	4.200		Brass
# T-0409-F-ST	4.000	9.000	4.000	SAE 52100 Chrome Steel		Flat Washers	-		SAE 52100 Chrome Steel
# T-0410-F-BR	4.000	10.000	4.000	SAE 52100 Chrome Steel		Flat Washers	-		Brass
T-0410-G-BR	4.000	10.000	4.000	SAE 52100 Chrome Steel	147	Grooved Washers	4.200		Brass
# ST-04.763-09.525-G	4.763	9.525	3.810	AISI 440C Stainless Steel		Grooved Washers	4.813	9.474	Stamped Stainless Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2)	Undersized OD mm	Cage Type
# ST-04.763-09.525-GM	4.763	9.525	3.810	AISI 440C Stainless Steel		Grooved Washers	5.042	9.474	Machined Stainless Steel
# ST-04.775-12.700-F	4.851 - 4.953	12.497 - 12.675	4.826 - 4.978	400 Series Stainless Steel Rockwell 42-45C	17	Flat Washers			Moulded Nylon
T-04.775-12.700-F	4.851 - 4.953	12.497 - 12.675	4.826 - 4.978	High Carbon Steel Rockwell C 60 Min	25	Flat Washers			Moulded Nylon
T-0510-G-ST-OU	5.000	10.000	4.000	SAE 52100 Chrome Steel	92	Grooved Washers	5.200	9.900	SAE 52100 Chrome Steel
T-0510-G-ST	5.000	10.000	4.000	SAE 52100 Chrome Steel	92	Grooved Washers	5.200		SAE 52100 Chrome Steel
T-0511-F-BR	5.000	11.000	4.500	SAE 52100 Chrome Steel		Flat Washers	-		Brass
T-0512-G-BR	5.000	12.000	4.000	SAE 52100 Chrome Steel	142	Grooved Washers	5.200		Brass
ST-05.080-11.960-F	5.080 - 5.210	11.780 - 11.960	4.820 - 5.020	400 Series Stainless Steel Rockwell 42-45C	17	Flat Washers			Moulded Nylon
# T-05.080-11.960-F	5.080 - 5.210	11.780 - 11.960	4.820 - 5.020	Ground Steel 59-61C	24	Flat Washers			Moulded Nylon
# T-0609.8-GZ	6.000	9.800	5.000	SAE 52100 Chrome Steel	85	Shielded, Grooved	6.100		SAE 52100 Chrome Steel
T-0612-F-BR	6.000	12.000	4.500	SAE 52100 Chrome Steel		Flat Washers	-		Brass
T-0612-G-ST	6.000	12.000	4.500	SAE 52100 Chrome Steel	142	Grooved Washers	6.200		SAE 52100 Chrome Steel
T-0614-G-BR	6.000	14.000	5.000	SAE 52100 Chrome Steel	142	Grooved Washers	6.200		Brass
T-0614-G-ST	6.000	14.000	5.000	SAE 52100 Chrome Steel	142	Grooved Washers	6.200		SAE 52100 Chrome Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Undersized OD if Applic. (D2) mm	Cage Type
ST-06.070-13.970-F	6.070 - 6.200	13.790 - 13.970	4.820 - 5.020	400 Series Stainless Steel Rockwell 42-45C	19	Flat Washers			Moulded Nylon
# T-06.070-13.970-F	6.070 - 6.200	13.790 - 13.970	4.820 - 5.020	Ground Steel 59-61C	28	Flat Washers			Moulded Nylon
ST-06.411-F	6.400 (+/- 0.1)	11.000 (+/- 0.1)	3.200 (+/- 0.1)	AISI 440C Stainless Steel	9	Flat Washers	-		Brass
# T-06.426-14.097-F	6.426 - 6.553	14.097 - 14.275	4.826 - 4.978	High Carbon Steel Rockwell C 60 Min	28	Flat Washers			Moulded Nylon
ST-06.426-14.097-F	6.426 - 6.553	14.097 - 14.275	4.826 - 4.978	400 Series Stainless Steel Rockwell 42-45C	20	Flat Washers			Moulded Nylon
# T-0711.8-GZ	7.000	11.800	5.000	SAE 52100 Chrome Steel	140	Shielded, Grooved	7.100		SAE 52100 Chrome Steel
# T-0713-G-ST	7.000	13.000	4.500	SAE 52100 Chrome Steel	180	Grooved Washers	7.200		SAE 52100 Chrome Steel
T-0713-G-BR	7.000	13.000	4.500	SAE 52100 Chrome Steel	180	Grooved Washers	7.200		Brass
T-0715-F-BR	7.000	15.000	5.000	SAE 52100 Chrome Steel		Flat Washers	-		Brass
# T-0715-G-ST	7.000	15.000	5.500	SAE 52100 Chrome Steel	310	Grooved Washers	7.200		SAE 52100 Chrome Steel
T-0717-G-ST	7.000	17.000	6.000	SAE 52100 Chrome Steel	310	Grooved Washers	7.200		SAE 52100 Chrome Steel
# T-07.060-16.970-F	7.060 - 7.180	16.790 - 16.970	4.820 - 5.020	Ground Steel 59-61C	31	Flat Washers			Moulded Nylon
# ST-07.060-16.970-F	7.060 - 7.180	16.790 - 16.970	4.820 - 5.020	400 Series Stainless Steel Rockwell 42-45C	22	Flat Washers			Moulded Nylon
T-0816-G-BR	8.000	16.000	5.000	SAE 52100 Chrome Steel / Brass Cage	305	Grooved Washers	8.200		SAE 52100 Chrome Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Undersized OD if Applic. (D2) mm	Cage Type
ST-0816-G-ST	8.000	16.00	5.00	AISI 440C Stainless Steel	270	Grooved Washers	8.200		AISI 440C Stainless Steel
T-0816-G-BR-OU	8.000	16.000	5.000	SAE 52100 Chrome Steel	305	Grooved Washers	8.200	15.800	SAE 52100 Chrome Steel
T-0816-F-BR	8.000	16.000	5.000	SAE 52100 Chrome Steel		Flat Washers	-		Brass
T-0819-G-ST	8.000	19.000	7.000	SAE 52100 Chrome Steel	305	Grooved Washers	8.200		SAE 52100 Chrome Steel
# T-07.950-15.875-F	8.026 - 8.153	15.672 - 15.850	4.826 - 4.978	High Carbon Steel Rockwell C 60 Min	32	Flat Washers			Moulded Nylon
# ST-07.950-15.875-F	8.026 - 8.153	15.672 - 15.850	4.826 - 4.978	400 Series Stainless Steel Rockwell 42-45C	22	Flat Washers			Moulded Nylon
# T-08.080-15.960-F	8.080 - 8.200	15.800 - 15.960	4.820 - 5.020	Ground Steel 59-61C	31	Flat Washers			Moulded Nylon
ST-08.080-15.960-F	8.080 - 8.200	15.800 - 15.960	4.820 - 5.020	400 Series Stainless Steel Rockwell 42-45C	22	Flat Washers			Moulded Nylon
# T-0913.8N-GZ	9.000	13.800	5.000	SAE 52100 Chrome Steel	146	Shielded, Grooved	9.100		SAE 52100 Chrome Steel
# T-0913.8-GZ	9.000	13.800	6.500	SAE 52100 Chrome Steel	146	Shielded, Grooved	9.100		SAE 52100 Chrome Steel
# T-0917-G-ST	9.000	17.000	5.000	SAE 52100 Chrome Steel	298	Grooved Washers	9.200		SAE 52100 Chrome Steel
T-0917-F-BR	9.000	17.000	5.000	SAE 52100 Chrome Steel		Flat Washers	-		Brass
# T-0919-G-ST	9.000	19.000	6.500	SAE 52100 Chrome Steel	434	Grooved Washers	9.200		SAE 52100 Chrome Steel
T-0920-G-ST	9.000	20.000	7.000	SAE 52100 Chrome Steel	434	Grooved Washers	9.200		SAE 52100 Chrome Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Cage Type
ST-09.525-20.650-F	9.601 - 9.728	20.447 - 20.625	6.223 - 6.426	400 Series Stainless Steel Rockwell 42-45C	25	Flat Washers		Moulded Nylon
T-09.525-20.650-F	9.601 - 9.728	20.447 - 20.625	6.223 - 6.426	High Carbon Steel Rockwell C 60 Min	35	Flat Washers		Moulded Nylon
# T-1015.3-GZ	10.000	15.300	6.500	SAE 52100 Chrome Steel	208	Shielded, Grooved	10.100	SAE 52100 Chrome Steel
# T-1018N-F	10.000 (+/- 0.1)	18.000 (+/- 0.1)	4.780 (+/- 0.1)	High Carbon Chrome Tool Steel	19	Flat Washers	-	SAE 52100 Chrome Steel
T-1018-G-BR	10.000	18.000	5.500	SAE 52100 Chrome Steel	193	Grooved Washers	10.200	Brass
# T-1018-G-ST	10.000	18.000	5.500	SAE 52100 Chrome Steel	193	Grooved Washers	10.200	Steel
# T-1018-F-ST	10.000	18.000	5.500	SAE 52100 Chrome Steel		Flat Washers	-	SAE 52100 Chrome Steel
# T-1020-G	10.000	20.000	6.500	SAE 52100 Chrome Steel	424	Grooved Washers	10.200	SAE 52100 Chrome Steel
T-10.060-20.960-F	10.060 - 10.190	20.780 - 20.960	6.220 - 6.440	Ground Steel 59-61C	35	Flat Washers		Moulded Nylon
# ST-10.060-20.960-F	10.060 - 10.190	20.780 - 20.960	6.220 - 6.440	400 Series Stainless Steel Rockwell 42-45C	24	Flat Washers		Moulded Nylon
# T-11.125-22.225-F	11.201 - 11.328	22.022 - 22.200	6.223 - 6.426	High Carbon Steel Rockwell C 60 Min	41	Flat Washers		Moulded Nylon
# ST-11.125-22.225-F	11.201 - 11.328	22.022 - 22.200	6.223 - 6.426	400 Series Stainless Steel Rockwell 42-45C	29	Flat Washers		Moulded Nylon
# T-1223-G	12.000	23.000	7.500	SAE 52100 Chrome Steel	566	Grooved Washers	12.200	SAE 52100 Chrome Steel

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Undersized OD if Applic. (D2) mm	Cage Type
# T-1224N-F	12.000 (+/- 0.1)	24.000 (+/- 0.1)	5.600 (+/- 0.1)	High Carbon Chrome Tool Steel	28	Flat Washers	-		SAE 52100 Chrome Steel
# T-12.060-23.960-F	12.060 - 12.190	23.800 - 23.980	6.220 - 6.440	Ground Steel 59-61C	47	Flat Washers			Moulded Nylon
ST-12.060-23.960-F	12.060 - 12.190	23.800 - 23.980	6.220 - 6.440	400 Series Stainless Steel Rockwell 42-45C	32	Flat Washers			Moulded Nylon
# T-12.700-23.825-F	12.776 - 12.903	23.622 - 23.800	6.223 - 6.426	High Carbon Steel Rockwell C 60 Min	47	Flat Washers			Moulded Nylon
# ST-12.700-23.825-F	12.776 - 12.903	23.622 - 23.800	6.223 - 6.426	400 Series Stainless Steel Rockwell 42-45C	33	Flat Washers			Moulded Nylon
# T-1319.3-GZ	13.000	19.300	7.000	SAE 52100 Chrome Steel	298	Shielded, Grooved	13.100		SAE 52100 Chrome Steel
# ST-14.300-25.400-F	14.376 - 14.503	25.197 - 25.375	6.223 - 6.426	400 Series Stainless Steel Rockwell 42-45C	37	Flat Washers			Moulded Nylon
# T-14.300-25.400-F	14.376 - 14.503	25.197 - 25.375	6.223 - 6.426	High Carbon Steel Rockwell C 60 Min	53	Flat Washers			Moulded Nylon
# T-1523.3-GZ	15.000	23.300	7.500	SAE 52100 Chrome Steel	468	Shielded, Grooved	15.100		SAE 52100 Chrome Steel
# T-15.875-28.575-F	15.951 - 16.129	28.321 - 28.550	8.534 - 8.839	High Carbon Steel Rockwell C 60 Min	58	Flat Washers			Moulded Nylon
# ST-15.875-28.575-F	15.951 - 16.129	28.321 - 28.550	8.534 - 8.839	400 Series Stainless Steel Rockwell 42-45C	40	Flat Washers			Moulded Nylon
T-16.070-27.970-F	16.070 - 16.260	27.740 - 27.970	8.560 - 8.880	Ground Steel 59-61C	57	Flat Washers			Moulded Nylon
ST-16.070-27.970-F	16.070 - 16.260	27.740 - 27.970	8.560 - 8.880	400 Series Stainless Steel Rockwell 42-45C	40	Flat Washers			Moulded Nylon

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Cage Type
# ST-17.475-30.175-F	17.551 - 17.729	29.921 - 30.150	8.534 - 8.839	400 Series Stainless Steel Rockwell 42-45C	47	Flat Washers		Moulded Nylon
# T-17.475-30.175-F	17.551 - 17.729	29.921 - 30.150	8.534 - 8.839	High Carbon Steel Rockwell C 60 Min	67	Flat Washers		Moulded Nylon
T-19.080-31.980-F	19.080 - 19.250	31.750 - 31.980	8.560 - 8.880	Ground Steel 59-61C	76	Flat Washers		Moulded Nylon
ST-19.080-31.980-F	19.080 - 19.250	31.750 - 31.980	8.560 - 8.880	400 Series Stainless Steel Rockwell 42-45C	40	Flat Washers		Moulded Nylon
# T-19.050-31.750-F	19.126 - 19.304	31.496 - 31.725	8.534 - 8.839	High Carbon Steel Rockwell C 60 Min	77	Flat Washers		Moulded Nylon
# ST-19.050-31.750-F	19.126 - 19.304	31.496 - 31.725	8.534 - 8.839	400 Series Stainless Steel Rockwell 42-45C	54	Flat Washers		Moulded Nylon
T-20.650-33.350-F	20.726 - 20.904	33.096 - 33.325	8.534 - 8.839	High Carbon Steel Rockwell C 60 Min	86	Flat Washers		Moulded Nylon
ST-20.650-33.350-F	20.726 - 20.904	33.096 - 33.325	8.534 - 8.839	400 Series Stainless Steel Rockwell 42-45C	60	Flat Washers		Moulded Nylon
# ST-22.225-34.925-F	22.301 - 22.479	34.671 - 34.900	8.534 - 8.839	400 Series Stainless Steel Rockwell 42-45C	67	Flat Washers		Moulded Nylon
# T-22.225-34.925-F	22.301 - 22.479	34.671 - 34.900	8.534 - 8.839	High Carbon Steel Rockwell C 60 Min	96	Flat Washers		Moulded Nylon
# ST-23.825-39.700-F	23.901 - 24.130	39.395 - 39.675	10.846 - 11.354	400 Series Stainless Steel Rockwell 42-45C	75	Flat Washers		Moulded Nylon
# T-23.825-39.700-F	23.901 - 24.130	39.395 - 39.675	10.846 - 11.354	High Carbon Steel Rockwell C 60 Min	106	Flat Washers		Moulded Nylon

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Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm	OD (D1) mm	Thickness (T) mm	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2) if Applic. (D2) mm	Undersized OD if Applic. (D2) mm	Cage Type
# T-25.070-40.970-F	25.070 - 25.300	40.690 - 40.970	10.860 - 11.360	Ground Steel 59-61C	117	Flat Washers			Moulded Nylon
# ST-25.070-40.970-F	25.070 - 25.300	40.690 - 40.970	10.860 - 11.360	400 Series Stainless Steel Rockwell 42-45C	80	Flat Washers			Moulded Nylon
# ST-25.400-41.275-F	25.476 - 25.705	40.970 - 41.250	10.846 - 11.354	400 Series Stainless Steel Rockwell 42-45C	83	Flat Washers			Moulded Nylon
# T-25.400-41.275-F	25.476 - 25.705	40.970 - 41.250	10.846 - 11.354	High Carbon Steel Rockwell C 60 Min	118	Flat Washers			Moulded Nylon
# T-28.070-43.970-F	28.070 - 28.300	40.690 - 40.970	10.860 - 11.360	Ground Steel 59-61C	141	Flat Washers			Moulded Nylon
# ST-28.070-43.970-F	28.070 - 28.300	40.690 - 40.970	10.860 - 11.360	400 Series Stainless Steel Rockwell 42-45C	95	Flat Washers			Moulded Nylon
# T-28.575-44.450-F	28.651 - 28.880	44.145 - 44.425	10.846 - 11.354	High Carbon Steel Rockwell C 60 Min	142	Flat Washers			Moulded Nylon
# ST-28.575-44.450-F	28.651 - 28.880	44.145 - 44.425	10.846 - 11.354	400 Series Stainless Steel Rockwell 42-45C	99	Flat Washers			Moulded Nylon
51106	30.000	47.000	11.000	SAE 52100 Chrome Steel	430	Grooved Washers	32.000	-	Steel
# ST-31.750-47.625-F	31.826 - 32.055	47.320 - 47.600	10.846 - 11.354	400 Series Stainless Steel Rockwell 42-45C	116	Flat Washers			Moulded Nylon
# T-31.750-47.625-F	31.826 - 32.055	47.320 - 47.600	10.846 - 11.354	High Carbon Steel Rockwell C 60 Min	165	Flat Washers			Moulded Nylon
# ST-38.100-53.975-F	38.176 to 38.405	53.670 to 53.950	10.846 - 11.354	400 Series Stainless Steel Rockwell 42-45C	86	Flat Washers			Moulded Nylon
# T-38.100-53.975-F	38.176 to 38.405	53.670 to 53.950	10.846 to 11.354	Ground Steel 59-61C	123	Flat Washers			Moulded Nylon

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