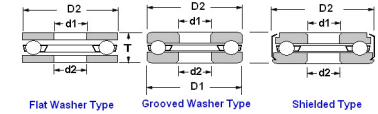




# MBA

## Bearings - Thrust - Ball



3 Piece Thrust Bearings, Shielded and Unshielded.

<http://www.minibearings.com.au//categories/thrust+bearing/all/pics/>

<http://www.minibearings.com.au//categories/shafting/all/pics/>

### 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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
T-0206-F-BR	2.000	6.000	3.000	SAE 52100 Chrome Steel	12	Flat Washers	-		Brass
	<i>0.079</i>	<i>0.236</i>	<i>0.118</i>						
# T-02.507-F	2.500	7.000	3.500	SAE 52100 Chrome Steel	16	Flat Washers	-		Brass
	<i>0.098</i>	<i>0.276</i>	<i>0.138</i>						
# 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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# T-0308-F-ST	3.000 <i>0.118</i>	8.000 <i>0.315</i>	3.500 <i>0.138</i>	SAE 52100 Chrome Steel	61	Flat Washers	-		SAE 52100 Chrome Steel
T-0308-G-BR	3.000 <i>0.118</i>	8.000 <i>0.315</i>	3.500 <i>0.138</i>	SAE 52100 Chrome Steel	87	Grooved Washers	3.200		Brass
T-03.175-12.000-F	3.175 <i>0.125</i>	12.000 <i>0.472</i>	6.000 <i>0.236</i>	SAE 52100 Chrome Steel	21	Flat Washers			Brass
# ST-03.208-F	3.200 (+/- 0.1)	8.000 (+/- 0.1)	2.780 (+/- 0.1)	AIS I 440C Stainless Steel	7	Flat Washers	-		Brass
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-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
# T-0406.3-GZ	4.000 <i>0.157</i>	6.300 <i>0.248</i>	5.000 <i>0.197</i>	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-F-ST	4.000 <i>0.157</i>	9.000 <i>0.354</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	17	Flat Washers	-		SAE 52100 Chrome Steel

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## Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm <i>inches</i>	OD (D1) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2)	Undersized OD if Applic. (D2) mm <i>inches</i>	Cage Type
T-0409-G-BR	4.000 <i>0.157</i>	9.000 <i>0.354</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	83	Grooved Washers	4.200		Brass
T-0409-G-ST	4.000 <i>0.157</i>	9.000 <i>0.354</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	83	Grooved Washers	4.200		SAE 52100 Chrome Steel
# T-0410-F-BR	4.000 <i>0.157</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	28	Flat Washers	-		Brass
T-0410-G-BR	4.000 <i>0.157</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	81	Grooved Washers	4.200		Brass
# 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	5.000 <i>0.197</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	92	Grooved Washers	5.200		SAE 52100 Chrome Steel
T-0510-G-ST-OU	5.000 <i>0.197</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	92	Grooved Washers	5.200	9.900 <i>0.390</i>	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)	Undersized OD if Applic. (D2) mm	Cage Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
T-0511-F-BR	5.000 <i>0.197</i>	11.000 <i>0.433</i>	4.500 <i>0.177</i>	SAE 52100 Chrome Steel	29	Flat Washers	-		Brass
# T-0512-G-ST	5.000 <i>0.197</i>	12.000 <i>0.472</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	92	Grooved Washers			SAE 52100 Chrome Steel
T-0512-G-BR	5.000 <i>0.197</i>	12.000 <i>0.472</i>	4.000 <i>0.157</i>	SAE 52100 Chrome Steel	92	Grooved Washers	5.200		Brass
# 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
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-0609.8-GZ	6.000 <i>0.236</i>	9.800 <i>0.386</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	85	Shielded, Grooved	6.100		SAE 52100 Chrome Steel
T-0612-G-ST	6.000 <i>0.236</i>	12.000 <i>0.472</i>	4.500 <i>0.177</i>	SAE 52100 Chrome Steel	160	Grooved Washers	6.200		SAE 52100 Chrome Steel
T-0612-F-BR	6.000 <i>0.236</i>	12.000 <i>0.472</i>	4.500 <i>0.177</i>	SAE 52100 Chrome Steel	28	Flat Washers	-		Brass

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
T-0614-G-BR	6.000 <i>0.236</i>	14.000 <i>0.551</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	192	Grooved Washers	6.200		Brass
T-0614-G-ST	6.000 <i>0.236</i>	14.000 <i>0.551</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	192	Grooved Washers	6.200		SAE 52100 Chrome Steel
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)	AIS I 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 <i>0.276</i>	11.800 <i>0.465</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	140	Shielded, Grooved	7.100		SAE 52100 Chrome Steel
T-0713-G-ST	7.000 <i>0.276</i>	13.000 <i>0.512</i>	4.500 <i>0.177</i>	SAE 52100 Chrome Steel	156	Grooved Washers	7.200		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)	Undersized OD if Applic. (D2) mm	Cage Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
T-0713-G-BR	7.000 <i>0.276</i>	13.000 <i>0.512</i>	4.500 <i>0.177</i>	SAE 52100 Chrome Steel	156	Grooved Washers	7.200		Brass
T-0715-F-ST	7.000 <i>0.276</i>	15.000 <i>0.591</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	57	Flat Washers			Steel
# T-0715-G-ST	7.000 <i>0.276</i>	15.000 <i>0.591</i>	5.500 <i>0.217</i>	SAE 52100 Chrome Steel	224	Grooved Washers	7.200		SAE 52100 Chrome Steel
T-0717-G-ST	7.000 <i>0.276</i>	17.000 <i>0.669</i>	6.000 <i>0.236</i>	SAE 52100 Chrome Steel	270	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 <i>0.315</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel / Brass Cage	391	Grooved Washers	8.200		Brass
T-0816-F-BR	8.000 <i>0.315</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	61	Flat Washers	-		Brass

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
T-0816-G-ST	8.000 <i>0.315</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	391	Grooved Washers	8.200		Steel
T-0816-G-BR-OU	8.000 <i>0.315</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	391	Grooved Washers	8.200	15.800 <i>0.622</i>	Brass
ST-0816-G-ST	8.000 <i>0.315</i>	16.00 <i>0.630</i>	5.00 <i>0.197</i>	AIS I 440C Stainless Steel	391	Grooved Washers	8.200		AIS I 440C Stainless Steel
T-0819-G-ST	8.000 <i>0.315</i>	19.000 <i>0.748</i>	7.000 <i>0.276</i>	SAE 52100 Chrome Steel	347	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 <i>0.354</i>	13.800 <i>0.543</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	146	Shielded, Grooved	9.100		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)	Undersized OD if Applic. (D2) mm	Cage Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# T-0913.8-GZ	9.000 <i>0.354</i>	13.800 <i>0.543</i>	6.500 <i>0.256</i>	SAE 52100 Chrome Steel	146	Shielded, Grooved	9.100		SAE 52100 Chrome Steel
# T-0917-G-ST	9.000 <i>0.354</i>	17.000 <i>0.669</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	298	Grooved Washers	9.200		SAE 52100 Chrome Steel
T-0917-F-BR	9.000 <i>0.354</i>	17.000 <i>0.669</i>	5.000 <i>0.197</i>	SAE 52100 Chrome Steel	59	Flat Washers	-		Brass
# T-0919-G-ST	9.000 <i>0.354</i>	19.000 <i>0.748</i>	6.500 <i>0.256</i>	SAE 52100 Chrome Steel	343	Grooved Washers	9.200		SAE 52100 Chrome Steel
T-0920-G-BR	9.000 <i>0.354</i>	20.000 <i>0.787</i>	7.000 <i>0.276</i>	SAE 52100 Chrome Steel	339	Grooved Washers	9.200		Brass
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 <i>0.394</i>	15.300 <i>0.602</i>	6.500 <i>0.256</i>	SAE 52100 Chrome Steel	208	Shielded, Grooved	10.100		SAE 52100 Chrome Steel

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## Bearings - Thrust - Ball

Part Number	Rotating Bore (d1) mm <i>inches</i>	OD (D1) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Material	Dynamic Load kgf	Type	Oversized Bore if Applic. (d2)	Undersized OD if Applic. (D2) mm <i>inches</i>	Cage Type
# 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
ST-1018-G-ST	10.000 <i>0.394</i>	18.000 <i>0.709</i>	5.500 <i>0.217</i>	AIS I 440C Stainless Steel	193	Grooved Washers	10.200		AIS I 440C Stainless Steel
# T-1018-G-ST	10.000 <i>0.394</i>	18.000 <i>0.709</i>	5.500 <i>0.217</i>	SAE 52100 Chrome Steel	193	Grooved Washers	10.200		Steel
# T-1018-F-ST	10.000 <i>0.394</i>	18.000 <i>0.709</i>	5.500 <i>0.217</i>	SAE 52100 Chrome Steel		Flat Washers	-		SAE 52100 Chrome Steel
T-1018-G-BR	10.000 <i>0.394</i>	18.000 <i>0.709</i>	5.500 <i>0.217</i>	SAE 52100 Chrome Steel	193	Grooved Washers	10.200		Brass
# T-1020-G	10.000 <i>0.394</i>	20.000 <i>0.787</i>	6.500 <i>0.256</i>	SAE 52100 Chrome Steel	424	Grooved Washers	10.200		SAE 52100 Chrome Steel
# 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-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
# 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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# 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-ST	12.000 <i>0.472</i>	23.000 <i>0.906</i>	7.500 <i>0.295</i>	SAE 52100 Chrome Steel	566	Grooved Washers	12.200		SAE 52100 Chrome Steel
# 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-1224-F-NY	12.000 <i>0.472</i>	24.000 (+/- 0.1)	6.350 <i>0.250</i>	Carbon Steel CR1075	48	Flat Washers			Nylon
# ST-1224-F-NY	12.000 <i>0.472</i>	24.000 (+/- 0.1)	6.350 <i>0.250</i>	StainlessSteel CR410	33	Flat Washers			Nylon
51101	12.000 <i>0.472</i>	26.000 <i>1.024</i>	9.000 <i>0.354</i>	SAE 52100 Chrome Steel	1570	Grooved Washers	13.000		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
# 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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# 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
# T-1319.3-GZ	13.000	19.300	7.000	SAE 52100 Chrome Steel	298	Shielded, Grooved	13.100		SAE 52100 Chrome Steel
	<i>0.512</i>	<i>0.760</i>	<i>0.276</i>						
# 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
# 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-1523.3-GZ	15.000	23.300	7.500	SAE 52100 Chrome Steel	468	Shielded, Grooved	15.100		SAE 52100 Chrome Steel
	<i>0.591</i>	<i>0.917</i>	<i>0.295</i>						
# 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-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-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
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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# 51103	17.000	30.000	9.000	SAE 52100 Chrome Steel	1990	Grooved Washers	18.000		SAE 52100 Chrome Steel
	<i>0.669</i>	<i>1.181</i>	<i>0.354</i>						
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
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-19.080-31.980-F	19.080 - 19.250	31.750 - 31.980	8.560 - 8.880	Ground Steel 59- 61C	76	Flat Washers			Moulded Nylon
# ST-19.050-31.750-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-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-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
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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# 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-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-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
# 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
# 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
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
# 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
# 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
# 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

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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
	<i>inches</i>	<i>inches</i>	<i>inches</i>					<i>inches</i>	
# 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-28.575-44.450-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
# 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
51106	30.000 <i>1.181</i>	47.000 <i>1.850</i>	11.000 <i>0.433</i>	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
51207	35.000 <i>1.378</i>	62.000 <i>2.441</i>	18.000 <i>0.709</i>	SAE 52100 Chrome Steel	7950	Grooved Washers	37.000		SAE 52100 Chrome Steel
# 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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