


The Timken Company

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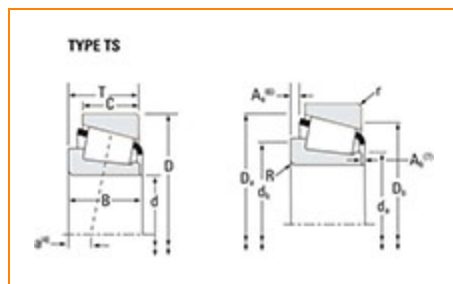
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Tapered Roller Bearings - TS (Tapered Single) Imperial

This is the most basic and most widely used type of tapered roller bearing. It consists of two main separable parts: the cone (inner ring) assembly and the cup (outer ring). It is typically mounted in opposing pairs on a shaft.



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<u>Part Number</u>	<u>Series</u>	<u>d - Bore</u>	<u>D - Cup Outer Diameter</u>	<u>B - Cone Width</u>	<u>C - Cup Width</u>	<u>T - Bearing Width</u>	<u>C1 - Dynamic Radial Rating (1 million revolutions)</u>	<u>C0 - Static Radial Rating</u>	<u>CAD</u>
<u>A2031 - A2126</u>	A2000	0.3125 in 7.938 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3125 in 7.938 mm	0.3940 in 10.008 mm	2430 lbf 10800 N	2070 lbf 9230 N	
<u>A2031 - A2127</u>	A2000	0.3125 in 7.938 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3755 in 9.538 mm	0.4161 in 10.569 mm	2430 lbf 10800 N	2070 lbf 9230 N	

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<u>A2037 - A2126</u>	A2000	0.3750 in 9.525 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3125 in 7.938 mm	0.3940 in 10.008 mm	2430 lbf 10800 N	2070 lbf 9230 N	
<u>A2037 - A2127</u>	A2000	0.3750 in 9.525 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3755 in 9.538 mm	0.4161 in 10.569 mm	2430 lbf 10800 N	2070 lbf 9230 N	
<u>A4044 - A4138</u>	A4000	0.4375 in 11.113 mm	1.3775 in 34.989 mm	0.4326 in 10.988 mm	0.3437 in 8.730 mm	0.4330 in 10.998 mm	2960 lbf 13200 N	2580 lbf 11500 N	
<u>A2047 - A2126</u>	A2000	0.4719 in 11.986 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3125 in 7.938 mm	0.3940 in 10.008 mm	2430 lbf 10800 N	2070 lbf 9230 N	
<u>A2047 - A2127</u>	A2000	0.4719 in 11.986 mm	1.2595 in 31.991 mm	0.4246 in 10.785 mm	0.3755 in 9.538 mm	0.4161 in 10.569 mm	2430 lbf 10800 N	2070 lbf 9230 N	
<u>A4049 - A4138</u>	A4000	0.4992 in 12.680 mm	1.3775 in 34.989 mm	0.4326 in 10.988 mm	0.3437 in 8.730 mm	0.4330 in 10.998 mm	2960 lbf 13200 N	2580 lbf 11500 N	
<u>00050 - 00150</u>	00000	1/2 in 12.7 mm	1.5 in 38.1 mm	0.5540 in 14.072 mm	0.4375 in 11.113 mm	0.5313 in 13.495 mm	4690 lbf 20900 N	3840 lbf 17100 N	
<u>00050 - 00152</u>	00000	1/2 in 12.7 mm	1.5 in 38.1 mm	0.5540 in 14.072 mm	0.5337 in 13.556 mm	0.5408 in 13.736 mm	4690 lbf 20900 N	3840 lbf 17100 N	



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<u>00050 - 00152X</u>	00000	1/2 in 12.7 mm	1.4375 in 36.513 mm	0.5540 in 14.072 mm	0.4375 in 11.113 mm	0.5313 in 13.495 mm	4690 lbf 20900 N	3840 lbf 17100 N	
<u>00050 - 00162X</u>	00000	1/2 in 12.7 mm	1.6260 in 41.300 mm	0.5540 in 14.072 mm	0.5625 in 14.288 mm	0.5501 in 13.973 mm	4690 lbf 20900 N	3840 lbf 17100 N	
<u>A4050 - A4138</u>	A4000	1/2 in 12.7 mm	1.3775 in 34.989 mm	0.4326 in 10.988 mm	0.3437 in 8.730 mm	0.4330 in 10.998 mm	2960 lbf 13200 N	2580 lbf 11500 N	
<u>A4059 - A4138</u>	A4000	0.5901 in 14.989 mm	1.3775 in 34.989 mm	0.4326 in 10.988 mm	0.3437 in 8.730 mm	0.4330 in 10.998 mm	2960 lbf 13200 N	2580 lbf 11500 N	
<u>03062 - 03157X</u>	03000	5/8 in 15.875 mm	1.5748 in 40 mm	0.5780 in 14.681 mm	0.4375 in 11.113 mm	0.5626 in 14.290 mm	5400 lbf 24000 N	4780 lbf 21300 N	
<u>03062 - 03162</u>	03000	5/8 in 15.875 mm	1.6250 in 41.275 mm	0.5780 in 14.681 mm	0.4375 in 11.113 mm	0.5625 in 14.288 mm	5400 lbf 24000 N	4780 lbf 21300 N	
<u>05062 - 05175</u>	05000	5/8 in 15.875 mm	1.7500 in 44.450 mm	0.5662 in 14.381 mm	0.4500 in 11.430 mm	0.6100 in 15.494 mm	6010 lbf 26700 N	5720 lbf 25400 N	
<u>05062 - 05185</u>	05000	5/8 in 15.875 mm	1.8504 in 47 mm	0.5662 in 14.381 mm	0.4375 in 11.113 mm	0.5662 in 14.381 mm	6010 lbf 26700 N	5720 lbf 25400 N	

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<u>05062 - 05185A</u>	05000	5/8 in 15.875 mm	1.8497 in 46.982 mm	0.5662 in 14.381 mm	0.4375 in 11.113 mm	0.5661 in 14.379 mm	6010 lbf 26700 N	5720 lbf 25400 N	
<u>05062 - 05186</u>	05000	5/8 in 15.875 mm	1.85 in 46.990 mm	0.5662 in 14.381 mm	0.4724 in 11.999 mm	0.6004 in 15.250 mm	6010 lbf 26700 N	5720 lbf 25400 N	
<u>09062 - 09194</u>	09000	5/8 in 15.875 mm	1.9380 in 49.225 mm	0.8480 in 21.539 mm	0.6875 in 17.463 mm	0.9063 in 23.020 mm	9630 lbf 42800 N	9100 lbf 40500 N	
<u>09062 - 09195</u>	09000	5/8 in 15.875 mm	1.9380 in 49.225 mm	0.8480 in 21.539 mm	0.5625 in 14.288 mm	0.7813 in 19.845 mm	9630 lbf 42800 N	9100 lbf 40500 N	
<u>09062 - 09196</u>	09000	5/8 in 15.875 mm	1.9380 in 49.225 mm	0.8480 in 21.539 mm	0.6875 in 17.463 mm	0.9063 in 23.020 mm	9630 lbf 42800 N	9100 lbf 40500 N	
<u>09062 - 09201</u>	09000	5/8 in 15.875 mm	2 in 50.8 mm	0.8480 in 21.539 mm	0.6875 in 17.463 mm	0.8126 in 20.640 mm	9630 lbf 42800 N	9100 lbf 40500 N	
<u>11590A - 11520</u>	11500	5/8 in 15.875 mm	1.6875 in 42.863 mm	0.5625 in 14.288 mm	0.3750 in 9.525 mm	0.5625 in 14.288 mm	3910 lbf 17400 N	3920 lbf 17400 N	