



**TP™ LEAD-FREE STEEL-BACKED PTFE LINED BEARINGS**

**TP™ SLEEVE BEARINGS (Inch Sizes)**

Nominal Bearing Bore I.D.	Recommended		Installed Bearing I.D.	Length ± .010"	Item Number	Part Number
	Shaft Dia.	Housing Bore				
1/4	.2490 .2481	.3128 .3122	.2518 .2492	3/8	505009	04TP06
5/16	.3115 .3106	.3753 .3747	.3143 .3117	1/2	505011	05TP08
3/8	.3740 .3731	.4691 .4684	.3769 .3742	3/4	505017	06TP12
1/2	.4990 .4980	.5941 .5934	.5019 .4992	1/2 3/4	505022 505024	08TP08 08TP12
9/16	.5615 .5605	.6566 .6559	.5644 .5617	3/4	505029	09TP12
5/8	.6240 .6230	.7192 .7184	.6270 .6242	1/2 3/4	505031 505033	10TP08 10TP12
3/4	.7491 .7479	.8755 .8747	.7525 .7493	1/2 3/4 1	505039 505041 505042	12TP08 12TP12 12TP16
7/8	.8741 .8729	1.0005 .9997	.8775 .8743	1	505049	14TP16
1	.9991 .9979	1.1255 1.1247	1.0025 .9993	1/2 3/4 1 1 1/4 1 1/2	505052 505053 505054 505055 505056	12TP08 12TP12 16TP16 16TP20 16TP24
1 1/4	1.2488 1.2472	1.4068 1.4058	1.2528 1.2490	3/4 1	505062 505064	20TP12 20TP16
1 1/2	1.4988 1.4972	1.6568 1.6558	1.5028 1.4990	1 1 1/2	505073 505076	24TU16 24TU24
1 3/4	1.7487 1.7471	1.9381 1.9371	1.7535 1.7489	2	505083	28TP32
2	1.9987 1.9969	2.1883 2.1871	2.0037 1.9989	1 1/2 2	505090 505092	32TP24 32TP32

**TP™ FLANGE BEARINGS (Inch Sizes)**

Nominal Bearing Bore I.D.	Recommended		Installed Bearing I.D.	Nominal Flange O.D. ±.020"	Flange Thick. ±.010"	Length ±.010"	Item Number	Part Number
	Shaft Diameter	Housing Bore						
3/8	.3740 .3731	.4691 .4684	.3764 .3742	11/16	.052 .044	3/8 1/2	506002 506003	06FTP06 06FTP08
1/2	.4990 .4980	.5941 .5934	.5019 .4992	13/16	.052 .044	3/4	506008	08FTP12
5/8	.6240 .6230	.7192 .7184	.6270 .6242	15/16	.052 .044	1/2	506010	10FTP08
3/4	.7491 .7479	.8755 .8747	.7525 .7493	1 1/8	.068 .060	1	506016	12FTP16
1 1/4	1.2488 1.2472	1.4068 1.4058	1.2528 1.2490	1 3/4	.083 .075	1	506025	20FTP16

**TP™ WASHERS (Inch Sizes)**

Inside Diameter +.010"	Outside Diameter -.010"	Dowel Hole		P.C. Diameter -.010"	Housing Recess Depth ±.010"	Item Number	Part Number
		Thickness +.002	Diameter +.010"				
9/16	1	.061	.067	.786	.040	506402	W07TP
1 1/2	2 1/2	.061	.192	2.005	.040	506413	W22TP

**TP™ SLEEVE BEARINGS (Metric Sizes)**

Nominal Bearing Bore I.D.	Recommended		Installed Bearing I.D.	Length ±.25mm	Item Number	Part Number
	Shaft Dia.	Housing Bore				
4	4.000 3.992	5.508 5.500	4.048 4.000	6	705009	M0406TP
6	5.990 5.978	8.015 8.000	6.055 5.990	10	705017	M0610TP
8	7.987 7.972	10.015 10.000	8.055 7.990	10	705021	M0810TP
10	9.987 9.972	12.018 12.000	10.058 9.990	12	705025	M1012TP
12	11.984 11.966	14.018 14.000	12.058 11.990	15	705031	M1215TP
14	13.984 13.966	16.018 16.000	14.058 13.990	12	705038	M1412TP
15	14.984 14.966	17.018 17.000	15.058 14.990	12	705043	M1512TP
16	15.984 15.966	18.018 18.000	16.058 15.990	25	705051	M1625TP
20	19.980 19.959	23.021 23.000	20.062 19.990	20	705062	M2820TP
25	24.980 24.959	28.021 28.000	25.071 24.990	15	705079	M2515TP
30	29.980 29.959	34.025 34.000	30.085 29.990	40	705093	M3040TP
50	49.975 49.950	55.530 55.000	50.110 49.990	50	705117	M5050TP

**TP™ FLANGE BEARINGS (Metric Sizes)**

Nominal Bearing Bore I.D.	Recommended		Installed Bearing I.D.	Nominal Flange O.D. ±.05mm	Flange Thick. ±.25mm	Length ±.25mm	Item Number	Part Number
	Shaft Diameter	Housing Bore						
6	5.990 5.978	8.015 8.000	6.055 5.990	12	1.00 .80	8	706003	FM0608TP
8	7.987 7.972	10.015 10.000	8.055 7.990	15	1.00 .80	9.5	706006	FM0809.5TP
12	11.984 11.966	14.018 14.000	12.058 11.990	20	1.00 .80	12	706013	FM1212TP
15	14.924 14.966	17.018 17.000	15.058 14.990	23	1.00 .80	12	706018	FM1512TP
16	15.984 15.966	18.018 18.000	16.058 15.990	24	1.00 .80	12	706020	FM1612TP

**TP™ WASHERS (Metric Sizes)**

Inside Diameter +.25mm	Outside Diameter -.25mm	Dowel Hole		P.C. Diameter +.24mm	Housing Recess Depth ±.25mm	Item Number	Part Number
		Thickness +.05mm	Diameter +.25mm				
10	20	1.45	N/A	N/A	N/A	706401	WM8TP
28	48	1.45	4.120	38	1.0	706410	WM25TP
52	78	1.95	4.120	65	1.5	706415	WM50TP

Chamfers: Standard flanged TP Bearings are supplied with 15°/20° chamfers.  
\*Other sizes available on special orders.

Note: The items on this page represent a portion of the TP™ products available at the time of printing. Visit our website ([www.Isostatic.com](http://www.Isostatic.com)) for a complete list of TP™ products or phone **Customer Service** at **800 621-5500** with any questions.