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AR BEARINGS AND TRANSMISSIONS

**BEARINGS
POWER TRANSMISSION PRODUCTS
SEALS AND O RINGS**

Bushes Glacier Style





LRQ 0960929

Wrapped Metric Plain Bearings. PTFE U Type

Reference	I.D.	O.D.	Recommended Tolerances						Bearing Size when fitted		Standard Length Options (L)					
	(mm)		Housing			Shaft			Bore (mm)		Tolerance +/- 0.25 mm					
			H6	0	+0.006	h6	0	-0.008			3	4	5	6		
TFP03 x L	3	4.5	H6	0	+0.006	h6	0	-0.008	3.000	3.048	3	4	5	6		
TFP04 x L	4	5.5	H6	0	+0.008	h6	0	-0.008	4.000	4.048	3	4	6	10		
TFP05 x L	5	7	H7	0	+0.015	f7	-0.010	-0.022	4.990	5.055	5	8	10			
TFP06 x L	6	8	H7	0	+0.015	f7	-0.010	-0.022	5.990	6.055	6	8	10			
TFP07 x L	7	9	H7	0	+0.015	f7	-0.013	-0.028	6.990	7.055	10					
TFP08 x L	8	10	H7	0	+0.015	f7	-0.013	-0.028	7.990	8.055	8	12				
TFP10 x L	10	12	H7	0	+0.018	f7	-0.013	-0.028	9.990	10.058	8	10	12	15	20	
TFP12 x L	12	14	H7	0	+0.018	f7	-0.016	-0.034	11.990	12.058	12	15	20	25		
TFP13 x L	13	15	H7	0	+0.018	f7	-0.016	-0.034	12.990	13.058	10	20				
TFP14 x L	14	16	H7	0	+0.018	f7	-0.016	-0.034	13.990	14.058	10	12	15	20	25	
TFP15 x L	15	17	H7	0	+0.018	f7	-0.016	-0.034	14.990	15.058	10	12	15	20	20	25
TFP16 x L	16	18	H7	0	+0.018	f7	-0.016	-0.034	15.990	16.058	10	12	15	20	25	
TFP17 x L	17	19	H7	0	+0.018	f7	-0.016	-0.034	16.990	17.061	15	20				
TFP18 x L	18	20	H7	0	+0.018	f7	-0.016	-0.034	17.990	18.061	15	20	25			
TFP20 x L	20	22	H7	0	+0.021	f7	-0.025	-0.046	19.990	20.061	10					
TFP20 x L	20	23	H7	0	+0.021	f7	-0.025	-0.046	19.990	20.071	10	15	20	25	30	
TFP22 x L	22	25	H7	0	+0.021	f7	-0.025	-0.046	21.990	22.071	15	20	25	30		
TFP24 x L	24	27	H7	0	+0.021	f7	-0.025	-0.046	23.990	24.071	20	25	30			
TFP25 x L	25	28	H7	0	+0.021	f7	-0.025	-0.046	24.990	25.071	12	15	20	25	30	50
TFP28 x L	28	32	H7	0	+0.025	f7	-0.025	-0.050	27.990	28.085	20	25	30			
TFP30 x L	30	34	H7	0	+0.025	f7	-0.025	-0.050	29.990	30.085	15	20	25	30	40	
TFP32 x L	32	36	H7	0	+0.025	f7	-0.025	-0.050	31.990	32.085	20	30	40			
TFP35 x L	35	39	H7	0	+0.025	f7	-0.025	-0.050	34.990	35.085	20	30	35	40	50	
TFP40 x L	40	44	H7	0	+0.025	f7	-0.025	-0.050	39.990	40.085	20	30	40	50		
TFP45 x L	45	50	H7	0	+0.025	f7	-0.025	-0.050	44.990	45.105	20	30	40	45	50	
TFP50 x L	50	55	H7	0	+0.030	f7	-0.025	-0.050	49.990	50.110	20	30	40	50	60	
TFP55 x L	55	60	H7	0	+0.030	f7	-0.030	-0.060	54.990	55.110	20	25	30	40	50	60
TFP60 x L	60	65	H7	0	+0.030	f7	-0.030	-0.060	59.990	60.110	20	30	40	60	70	
TFP65 x L	65	70	H7	0	+0.030	f7	-0.030	-0.060	64.990	65.110	30	50	60	70		
TFP70 x L	70	75	H7	0	+0.030	f7	-0.030	-0.060	69.990	70.110	70					
TFP75 x L	75	80	H7	0	+0.030	f7	-0.030	-0.060	74.990	75.110	40	50	60	80		
TFP80 x L	80	85	H7	0	+0.035	h8	-0.030	-0.060	80.020	80.155	60	100				
TFP85 x L	85	90	H7	0	+0.035	h8	-0.036	-0.071	85.020	85.155	60	100				
TFP90 x L	90	95	H7	0	+0.035	h8	-0.036	-0.071	90.020	90.155	60	100				
TFP95 x L	95	100	H7	0	+0.035	h8	-0.036	-0.071	95.020	95.155	60	100				
TFP100 x L	100	105	H7	0	+0.035	h8	-0.036	-0.071	100.020	100.155	60	70	80	115		
TFP105 x L	105	110	H7	0	+0.035	h8	-0.036	-0.071	105.020	105.155	60	115				
TFP110 x L	110	115	H7	0	+0.035	h8	-0.036	-0.071	110.020	110.155	60	115				
TFP115 x L	115	120	H7	0	+0.035	h8	-0.036	-0.071	115.020	115.155	50	60	70			
TFP120 x L	120	125	H7	0	+0.040	h8	-0.036	-0.071	120.070	120.210	60	100				
TFP125 x L	125	130	H7	0	+0.040	h8	-0.043	-0.083	125.070	125.210	60	100				
TFP130 x L	130	135	H7	0	+0.040	h8	-0.043	-0.083	130.070	130.210	60	100				
TFP135 x L	135	140	H7	0	+0.040	h8	-0.043	-0.083	135.070	135.210	60	100				
TFP140 x L	140	145	H7	0	+0.040	h8	-0.043	-0.083	140.070	140.210	60	100				
TFP145 x L	145	150	H7	0	+0.040	h8	-0.043	-0.083	145.070	145.210	60	100				
TFP150 x L	150	155	H7	0	+0.040	h8	-0.043	-0.083	150.070	150.210	100					
TFP155 x L	155	160	H7	0	+0.040	h8	-0.043	-0.083	155.070	155.210	60	100				
TFP160 x L	160	165	H7	0	+0.040	h8	-0.043	-0.083	160.070	160.210	60	100				
TFP165 x L	165	170	H7	0	+0.040	h8	-0.043	-0.083	165.070	165.210	60	100				
TFP170 x L	170	175	H7	0	+0.040	h8	-0.043	-0.083	170.070	170.210	60	100				
TFP175 x L	175	180	H7	0	+0.040	h8	-0.043	-0.083	175.070	175.210	60	100				
TFP180 x L	180	185	H7	0	+0.046	h8	-0.043	-0.083	180.070	180.216	60	100				
TFP200 x L	200	205	H7	0	+0.046	h8	-0.050	-0.096	200.070	200.216	100					
TFP220 x L	220	225	H7	0	+0.046	h8	-0.050	-0.096	220.070	220.216	60	100				
TFP250 x L	250	255	H7	0	+0.052	h8	-0.050	-0.096	250.070	250.222	60	100				
TFP280 x L	280	285	H7	0	+0.052	h8	-0.056	-0.108	280.070	280.222	60	100				
TFP300 x L	300	305	H7	0	+0.052	h8	-0.056	-0.108	300.070	300.222	60	100				

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LRQ 0960929

Wrapped Metric Flanged Bearings. PTFE U Type

Reference	I.D.	O.D.	Recommended Tolerances			Bearing Size when fitted		Flange		Standard Length Options (L)				
			Housing		Shaft	Bore		Diameter		Tolerance +/- 0.25mm				
	(mm)					(mm)		(mm)		(mm)				
TFF06 x L	6	8	0	+0.015	-0.010	-0.022	5.990	6.055	11.5	12.5	4	7	8	
TFF08 x L	8	10	0	+0.015	-0.013	-0.028	7.990	8.055	14.5	15.5	5.5	7.5	9.5	
TFF10 x L	10	12	0	+0.018	-0.013	-0.028	9.990	10.058	17.5	18.5	7	9	12	17
TFF12 x L	12	14	0	+0.018	-0.016	-0.034	11.990	12.058	19.5	20.5	7	9	12	17
TFF14 x L	14	16	0	+0.018	-0.016	-0.034	13.990	14.058	21.5	22.5	12	17		
TFF15 x L	15	17	0	+0.018	-0.016	-0.034	14.990	15.058	22.5	23.5	9	12	17	
TFF16 x L	16	18	0	+0.018	-0.016	-0.034	15.990	16.058	23.5	24.5	12	17		
TFF18 x L	18	20	0	+0.021	-0.016	-0.034	17.990	18.061	25.5	26.5	12	17	22	
TFF20 x L	20	23	0	+0.021	-0.020	-0.041	19.990	20.071	29.5	30.5	11.5	16.5	21.5	
TFF25 x L	25	28	0	+0.021	-0.020	-0.041	24.990	25.071	34.5	35.5	11.5	16.5	21.5	
TFF30 x L	30	34	0	+0.025	-0.020	-0.041	29.990	30.085	41.5	42.5	16	26		
TFF35 x L	35	39	0	+0.025	-0.025	-0.050	34.990	35.085	46.5	47.5	16	26		
TFF40 x L	40	44	0	+0.025	-0.025	-0.050	39.990	40.085	52.5	53.5	16	26		
TFF45 x L	45	50	0	+0.025	-0.025	-0.050	44.990	45.105	57.5	58.5	16	26		

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Strip. PTFE U Type

Reference	Strip Sizes		
	Length	Width	Thickness
	(mm)		
TFS07150	500	150	0.704 0.744
TFS10200	500	215	0.950 0.990
TFS15240	500	245	1.470 1.510
TFS20240	500	245	1.960 2.000
TFS25240	500	245	2.460 2.500
TFS30240	500	245	3.020 3.060



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Reference	I.D.	O.D.	Washer Sizes					Dowell hole		Dowell hole		
			Bore		O.D.	Thickness	Diameter		PCD			
	(mm)				(mm)		(mm)		(mm)			
TFW10	10	20	10.00	10.25	19.75	20.00	1.45	1.50	no hole	17.88	18.12	
TFW12	12	24	12.00	12.25	23.75	24.00	1.45	1.50	1.625	1.875	17.88	18.12
TFW14	14	26	14.00	14.25	25.75	26.00	1.45	1.50	2.125	2.375	19.88	20.12
TFW16	16	30	16.00	16.25	29.75	30.00	1.45	1.50	2.125	2.375	21.88	22.12
TFW18	18	32	18.00	18.25	31.75	32.00	1.45	1.50	2.125	2.375	24.88	25.12
TFW20	20	36	20.00	20.25	35.75	36.00	1.45	1.50	3.125	3.375	27.88	28.12
TFW22	22	38	22.00	22.25	37.75	38.00	1.45	1.50	3.125	3.375	29.88	30.12
TFW24	24	42	24.00	24.25	41.75	42.00	1.45	1.50	3.125	3.375	32.88	33.12
TFW26	26	44	26.00	26.25	43.75	44.00	1.45	1.50	3.125	3.375	34.88	35.12
TFW28	28	48	28.00	28.25	47.75	48.00	1.45	1.50	4.125	4.375	37.88	38.12
TFW32	32	54	32.00	32.25	53.75	54.00	1.45	1.50	4.125	4.375	42.88	43.12
TFW38	38	62	38.00	38.25	61.75	62.00	1.45	1.50	4.125	4.375	49.88	50.12
TFW42	42	66	42.00	42.25	65.75	66.00	1.45	1.50	4.125	4.375	53.88	54.12
TFW48	48	74	48.00	48.25	73.75	74.00	1.95	2.00	4.125	4.375	60.88	61.12
TFW52	52	78	52.00	52.25	77.75	78.00	1.95	2.00	4.125	4.375	64.88	65.12
TFW62	62	90	62.00	62.25	90.75	90.00	1.95	2.00	4.125	4.375	64.88	65.12

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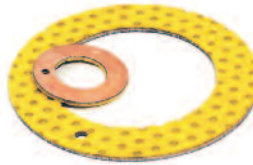


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Wrapped Metric Plain Bearings. Acetal X Type

Reference	I.D.	O.D.	Recommended Tolerances				Bearing Size when fitted		Oil hole	Standard Length Options (L)					
			Housing		Shaft		Bore		Diameter	Tolerance +/- 0.25mm					
	(mm)	(mm)	(mm)						(mm)	(mm)					
TPX08 x L	8	10	0	+0.015	0	-0.022	8.040	8.107	no hole	8	10	12			
TPX10 x L	10	12	0	+0.018	0	-0.022	10.040	10.110	4	10	12	15	20		
TPX12 x L	12	14	0	+0.018	0	-0.027	12.040	12.110	4	10	12	15	20	25	
TPX14 x L	14	16	0	+0.018	0	-0.027	14.040	14.011	4	15	20	25			
TPX15 x L	15	17	0	+0.018	0	-0.027	15.040	15.108	4	10	12	15	25		
TPX16 x L	16	18	0	+0.018	0	-0.027	16.040	16.110	4	15	20	25			
TPX18 x L	18	20	0	+0.021	0	-0.027	18.040	18.111	4	15	20	25			
TPX20 x L	20	23	0	+0.021	0	-0.033	20.050	20.131	4	10	15	20	25	30	
TPX22 x L	22	25	0	+0.021	0	-0.033	22.050	22.131	6	15	20	25	30		
TPX24 x L	24	27	0	+0.021	0	-0.033	24.050	24.131	6	15	20	25	30		
TPX25 x L	25	28	0	+0.021	0	-0.033	25.050	25.131	6	15	20	25	30		
TPX28 x L	28	32	0	+0.025	0	-0.033	28.060	28.155	6	20	25	30			
TPX30 x L	30	34	0	+0.025	0	-0.033	30.060	30.155	6	20	30	40			
TPX32 x L	32	36	0	+0.025	0	-0.039	32.060	32.155	6	20	30	35	40		
TPX35 x L	35	39	0	+0.025	0	-0.039	35.060	35.155	6	20	30	35	50		
TPX40 x L	40	44	0	+0.025	0	-0.039	40.060	40.155	8	20	30	40	50		
TPX45 x L	45	50	0	+0.025	0	-0.039	45.080	45.195	8	20	30	40	45	50	
TPX50 x L	50	55	0	+0.030	0	-0.039	50.080	50.200	8	40	50	60			
TPX55 x L	55	60	0	+0.030	0	-0.046	55.080	55.200	8	20	25	30	40	50	60
TPX60 x L	60	65	0	+0.030	0	-0.046	60.080	60.200	8	30	40	60	70		
TPX65 x L	65	70	0	+0.030	0	-0.046	65.100	65.262	8	40	50	60	70		
TPX70 x L	70	75	0	+0.030	0	-0.046	70.100	70.262	8	25	40	50	65	70	80
TPX75 x L	75	80	0	+0.030	0	-0.046	75.100	75.262	9.5	40	60	80			
TPX80 x L	80	85	0	+0.035	0	-0.046	80.100	80.267	9.5	40	60	80	100		
TPX85 x L	85	90	0	+0.035	0	-0.054	85.100	85.267	9.5	30	40	60	80	100	
TPX90 x L	90	95	0	+0.035	0	-0.054	90.100	90.267	9.5	25	40	60	80	90	100
TPX95 x L	95	100	0	+0.035	0	-0.054	95.100	95.267	9.5	60	100				
TPX100 x L	100	105	0	+0.035	0	-0.054	100.100	100.267	9.5	50	60	80	95	115	
TPX105 x L	105	110	0	+0.035	0	-0.054	105.100	105.267	9.5	60	115				
TPX110 x L	110	115	0	+0.035	0	-0.054	110.100	110.267	9.5	60	110	115			
TPX115 x L	115	120	0	+0.035	0	-0.054	115.100	115.267	9.5	50	70				
TPX120 x L	120	125	0	+0.040	0	-0.054	120.100	120.272	9.5	60	100	110			
TPX125 x L	125	130	0	+0.040	0	-0.063	125.100	125.272	9.5	60	100	110			
TPX130 x L	130	135	0	+0.040	0	-0.063	130.130	130.280	no hole	50	60	80	100		
TPX135 x L	135	140	0	+0.040	0	-0.063	135.130	135.280	no hole	60	80				
TPX140 x L	140	145	0	+0.040	0	-0.063	140.130	140.280	no hole	50	60	80	100		
TPX145 x L	145	150	0	+0.040	0	-0.063	145.130	145.280	no hole	100					
TPX150 x L	150	155	0	+0.040	0	-0.063	150.130	150.280	no hole	50	60	80	100		
TPX160 x L	160	165	0	+0.040	0	-0.063	160.130	160.280	no hole	50	60	80	100		
TPX170 x L	170	175	0	+0.040	0	-0.063	170.130	170.280	no hole	50	60	80	100		
TPX180 x L	180	185	0	+0.046	0	-0.063	180.130	180.286	no hole	50	60	80	100		
TPX190 x L	190	195	0	+0.046	0	-0.072	190.130	190.286	no hole	50	60	80	100	120	
TPX200 x L	200	205	0	+0.046	0	-0.072	200.130	200.286	no hole	50	60	80	100	120	
TPX220 x L	220	225	0	+0.046	0	-0.072	220.130	220.286	no hole	50	60	80	100	120	
TPX240 x L	240	245	0	+0.046	0	-0.072	240.130	240.286	no hole	50	60	80	100	120	
TPX250 x L	250	255	0	+0.052	0	-0.072	250.130	250.292	no hole	50	60	80	100	120	
TPX260 x L	260	265	0	+0.052	0	-0.081	260.130	260.292	no hole	50	60	80	100	120	
TPX280 x L	280	285	0	+0.052	0	-0.081	280.130	280.292	no hole	50	60	80	100	120	
TPX300 x L	300	305	0	+0.052	0	-0.081	300.130	300.292	no hole	60	80	100	120		

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Washers. Metric. Acetal X Type

Reference	I.D.	O.D.	Washer Sizes						Dowell hole		Dowell hole	
	(mm)		Bore		O.D.		Thickness		Diameter		PCD	
			(mm)						(mm)			
TXW12	12	24	12.00	12.25	23.75	24.00	1.487	1.577	1.625	1.875	17.88	18.12
TXW14	14	26	14.00	14.25	25.75	26.00	1.487	1.577	2.125	2.375	19.88	20.12
TXW16	16	30	16.00	16.25	29.75	30.00	1.487	1.577	2.125	2.375	21.88	22.12
TXW18	18	32	18.00	18.25	31.75	32.00	1.487	1.577	2.125	2.375	24.88	25.12
TXW20	20	36	20.00	20.25	35.75	36.00	1.487	1.577	3.125	3.375	27.88	28.12
TXW22	22	38	22.00	22.25	37.75	38.00	1.487	1.577	3.125	3.375	29.88	30.12
TXW24	24	42	24.00	24.25	41.75	42.00	1.487	1.577	3.125	3.375	32.88	33.12
TXW26	26	44	26.00	26.25	43.75	44.00	1.487	1.577	3.125	3.375	34.88	35.12
TXW28	28	48	28.00	28.25	47.75	48.00	1.487	1.577	4.125	4.375	37.88	38.12
TXW32	32	54	32.00	32.25	53.75	54.00	1.487	1.577	4.125	4.375	42.88	43.12
TXW38	38	62	38.00	38.25	61.75	62.00	1.487	1.577	4.125	4.375	49.88	50.12
TXW42	42	66	42.00	42.25	65.75	66.00	1.487	1.577	4.125	4.375	53.88	54.12
TXW48	48	74	48.00	48.25	73.75	74.00	2.510	2.600	4.125	4.375	60.88	61.12
TXW52	52	78	52.00	52.25	77.75	78.00	2.510	2.600	4.125	4.375	64.88	65.12

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Strip. Acetal X Type

Reference	Strip Sizes			
	Length	Width	Thickness	
	(mm)			
TXS10070	460	70	1.03	1.07
TXS15100	460	100	1.52	1.56
TXS20100	460	100	2.01	2.05
TXS25100	460	100	2.52	2.57



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Wrapped Imperial Plain Bearings. PTFE U Type

Reference	Bore		Recommended Tolerances				Bearing Size when fitted		Standard Length Options (L)			
	(inch)		Housing		Shaft		Bore		Tolerance +/- 0.010"			
			(inch)				(inch)		(inch)			
TFPI03TH x L	3/16	1/4	0.2497	0.2503	0.1858	0.1865	0.1867	0.1893	3/16	1/4	3/8	
TFPI04TH x L	1/4	5/16	0.3122	0.3128	0.2481	0.2490	0.2492	0.2518	1/4	3/8		
TFPI05TH x L	5/16	3/8	0.3747	0.3753	0.3106	0.3115	0.3117	0.3143	3/8	1/2		
TFPI06TH x L	3/8	15/32	0.4684	0.4691	0.3731	0.3740	0.3742	0.3769	3/8	1/2	5/8	3/4
TFPI07TH x L	7/16	17/32	0.5309	0.5316	0.4355	0.4365	0.4367	0.4394	1/2	3/4		
TFPI08TH x L	1/2	19/32	0.5934	0.5941	0.4980	0.4990	0.4992	0.5019	3/8	1/2	5/8	7/8
TFPI09TH x L	9/16	21/32	0.6559	0.6566	0.5605	0.5615	0.5617	0.5644	1/2	3/4		
TFPI10TH x L	5/8	23/32	0.7184	0.7192	0.6230	0.6240	0.6242	0.6270	1/2	5/8	3/4	7/8
TFPI11TH x L	11/16	25/32	0.7809	0.7817	0.6855	0.6865	0.6867	0.6895	7/8			
TFPI12TH x L	3/4	7/8	0.8747	0.8755	0.7479	0.7491	0.7493	0.7525	1/2	3/4	1	
TFPI14TH x L	7/8	1	0.9997	1.0005	0.8729	0.8741	0.8743	0.8775	3/4	7/8	1	
TFPI16TH x L	1	1 1/8	1.1246	1.1256	0.9979	0.9991	0.9992	1.0026	3/4	1	1 1/4	1 1/2
TFPI18TH x L	1 1/8	1 9/32	1.2808	1.2818	1.1226	1.2380	1.1240	1.1278	3/4	1		
TFPI20TH x L	1 1/4	1 13/32	1.4058	1.4068	1.2472	1.2488	1.2490	1.2528	3/4	1	1 1/4	1 3/4
TFPI22TH x L	1 3/8	1 17/32	1.5308	1.5318	1.3722	1.3738	1.3740	1.3778	1	1 3/8	1 3/4	
TFPI24TH x L	1 1/2	1 21/32	1.6558	1.6568	1.4972	1.4988	1.4990	1.5028	1	1 1/4	1 1/2	2
TFPI26TH x L	1 5/8	1 25/32	1.7808	1.7818	1.6222	1.6238	1.6240	1.6278	1	1 1/2		
TFPI28TH x L	1 3/4	1 15/16	1.9371	1.9381	1.7471	1.7487	1.7489	1.7535	1	1 1/2	1 3/4	2
TFPI30TH x L	1 7/8	2 1/16	2.0621	2.0633	1.8721	1.8737	1.8739	1.8787	1	1 7/8	2 1/4	
TFPI32TH x L	2	2 3/16	2.1871	2.1883	1.9969	1.9987	1.9989	2.0037	1	1 1/2	2	2 1/2
TFPI36TH x L	2 1/4	2 7/16	2.4365	2.4377	2.2489	2.5070	2.2509	2.2573	2	2 1/4	2 1/2	3
TFPI40TH x L	2 1/2	2 11/16	2.6869	2.6881	2.4993	2.5011	2.5013	2.5077	2	2 1/2	3	3 1/2
TFPI44TH x L	2 3/4	2 15/16	2.9358	2.9370	2.7482	2.7500	2.7502	2.7566	2	2 1/2	3	3 1/2
TFPI48TH x L	3	3 3/16	3.1858	3.1872	2.9982	3.0000	3.0002	3.0068	2	3	3 1/4	
TFPI56TH x L	3 1/2	3 11/16	3.6858	3.6872	3.4978	3.5000	3.5002	3.5068	2 1/2	3	3 3/4	
TFPI64TH x L	4	4 3/16	4.1858	4.1872	3.9978	4.0000	4.0002	4.0068	3	3 3/4	4 3/4	
TFPI80TH x L	5	5 3/16	5.1844	5.1860	4.9961	4.9986	4.9988	5.0056	3	3 3/4		
TFPI96TH x L	6	6 3/16	6.1858	6.1874	5.9975	6.0000	6.0002	6.0070	3	3 3/4		
TFPI112TH x L	7	7 3/16	7.1812	7.1830	6.9929	6.9954	6.9956	7.0026	3 3/4			

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Washers. Imperial. PTFE U Type

Reference	I.D.	O.D.	Washer Sizes					Dowell hole		Dowell hole		
	(inch)		Bore		O.D.		Thickness		Diameter		PCD	
					(inch)				(inch)		(inch)	
TFWTH06	0.500	0.875	0.500	0.510	0.865	0.875	0.061	0.063	0.067	0.077	0.682	0.692
TFWTH07	0.562	1.000	0.562	0.572	0.990	1.000	0.061	0.063	0.067	0.077	0.776	0.786
TFWTH08	0.625	1.125	0.625	0.635	1.115	1.125	0.061	0.063	0.099	0.109	0.870	0.880
TFWTH09	0.687	1.187	0.687	0.697	1.177	1.187	0.061	0.063	0.099	0.109	0.932	0.942
TFWTH10	0.750	1.250	0.750	0.760	1.240	1.250	0.061	0.063	0.099	0.109	0.995	1.005
TFWTH11	0.812	1.375	0.812	0.822	1.365	1.375	0.061	0.063	0.099	0.109	1.089	1.099
TFWTH12	0.875	1.500	0.875	0.885	1.490	1.500	0.061	0.063	0.130	0.140	1.182	1.192
TFWTH14	1.000	1.750	1.000	1.010	1.740	1.750	0.061	0.063	0.130	0.140	1.370	1.380
TFWTH16	1.125	2.000	1.125	1.135	1.990	2.000	0.061	0.063	0.161	0.171	1.557	1.567
TFWTH18	1.250	2.125	1.250	1.260	2.115	2.125	0.061	0.063	0.161	0.171	1.682	1.692
TFWTH20	1.375	2.250	1.375	1.385	2.240	2.250	0.061	0.063	0.161	0.171	1.807	1.817
TFWTH22	1.500	2.500	1.500	1.510	2.490	2.500	0.061	0.063	0.192	0.202	1.995	2.005
TFWTH24	1.625	2.625	1.625	1.635	2.615	2.625	0.061	0.063	0.192	0.202	2.120	2.130
TFWTH26	1.750	2.750	1.750	1.760	2.740	2.750	0.061	0.063	0.192	0.202	2.245	2.255
TFWTH28	2.000	3.000	2.000	2.010	2.990	3.000	0.091	0.093	0.192	0.202	2.495	2.505
TFWTH30	2.125	3.125	2.125	2.135	3.115	3.125	0.091	0.093	0.192	0.202	2.620	2.630
TFWTH32	2.250	3.250	2.250	2.260	3.240	3.250	0.091	0.093	0.192	0.202	2.745	2.755

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Wrapped Imperial Plain. Acetal X Type

Reference	I.D.	O.D.	Recommended Tolerances				Bearing Size when fitted		Oil hole	Standard Length Options (L)				
	Nominal		Housing		Shaft	Bore		Diameter	Tolerance +/- 0.010"					
	(inch)		(inch)				(inch)		(inch)	(inch)				
TFPI06TX x L	$\frac{3}{8}$	$\frac{15}{32}$	0.4694	0.4687	0.3648	0.3639	0.3694	0.3667	$\frac{5}{32}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$		
TFPI07TX x L	$\frac{7}{16}$	$\frac{17}{32}$	0.5319	0.5312	0.4273	0.4263	0.4319	0.4292	$\frac{5}{32}$	$\frac{1}{2}$	$\frac{3}{4}$			
TFPI08TX x L	$\frac{1}{2}$	$\frac{19}{32}$	0.5944	0.5937	0.4897	0.4887	0.4944	0.4917	$\frac{5}{32}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{7}{8}$	
TFPI09TX x L	$\frac{9}{16}$	$\frac{21}{32}$	0.6569	0.6562	0.5522	0.5512	0.5569	0.5542	$\frac{5}{32}$	$\frac{1}{2}$	$\frac{3}{4}$			
TFPI10TX x L	$\frac{5}{8}$	$\frac{23}{32}$	0.7195	0.7187	0.6146	0.6136	0.6195	0.6167	$\frac{5}{32}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	
TFPI11TX x L	$\frac{11}{16}$	$\frac{25}{32}$	0.7820	0.7812	0.6770	0.6760	0.6820	0.6792	$\frac{5}{32}$	$\frac{7}{8}$				
TFPI12TX x L	$\frac{3}{4}$	$\frac{7}{8}$	0.8758	0.8750	0.7390	0.7378	0.7444	0.7412	$\frac{5}{32}$	$\frac{1}{2}$	$\frac{3}{4}$	1		
TFPI14TX x L	$\frac{7}{8}$	1	1.0008	1.0000	0.8639	0.8627	0.8694	0.8662	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	1		
TFPI16TX x L	1	$1\frac{1}{8}$	1.1258	1.1250	0.9888	0.9876	0.9944	0.9912	$\frac{1}{4}$	$\frac{3}{4}$	1	$1\frac{1}{2}$		
TFPI18TX x L	$1\frac{1}{8}$	$1\frac{9}{32}$	1.2822	1.2812	1.1138	1.1126	1.1202	1.1164	$\frac{1}{4}$	$\frac{3}{4}$	1			
TFPI20TX x L	$1\frac{1}{4}$	$1\frac{13}{32}$	1.4072	1.4062	1.2387	1.2371	1.2452	1.2414	$\frac{1}{4}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{3}{4}$	
TFPI22TX x L	$1\frac{3}{8}$	$1\frac{17}{32}$	1.5322	1.5312	1.3635	1.3619	1.3702	1.3664	$\frac{1}{4}$	1	$1\frac{3}{8}$	$1\frac{3}{4}$		
TFPI24TX x L	$1\frac{1}{2}$	$1\frac{21}{32}$	1.6572	1.6562	1.4884	1.4868	1.4952	1.4914	$\frac{5}{16}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	
TFPI26TX x L	$1\frac{5}{8}$	$1\frac{25}{32}$	1.7822	1.7812	1.6133	1.6117	1.6202	1.6164	$\frac{5}{16}$	1	$1\frac{1}{2}$			
TFPI28TX x L	$1\frac{3}{4}$	$1\frac{15}{16}$	1.9385	1.9375	1.7393	1.7367	1.7461	1.7415	$\frac{5}{16}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
TFPI30TX x L	$1\frac{7}{8}$	$2\frac{1}{16}$	2.0637	2.0625	1.8632	1.8616	1.8713	1.8665	$\frac{5}{16}$	1	$1\frac{7}{8}$	$2\frac{1}{4}$		
TFPI32TX x L	2	$2\frac{3}{16}$	2.1887	2.1875	1.9881	1.9863	1.9963	1.9915	$\frac{5}{16}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	
TFPI36TX x L	$2\frac{1}{4}$	$2\frac{7}{16}$	2.4387	2.4375	2.2378	2.2360	2.2463	2.2415	$\frac{5}{16}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$		
TFPI40TX x L	$2\frac{1}{2}$	$2\frac{11}{16}$	2.6887	2.6875	2.4875	2.4857	2.4963	2.4915	$\frac{5}{16}$	2	$2\frac{1}{2}$			
TFPI44TX x L	$2\frac{3}{4}$	$2\frac{15}{16}$	2.9387	2.9395	2.7351	2.7333	2.7457	2.7393	$\frac{5}{16}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	
TFPI48TX x L	3	$3\frac{3}{16}$	3.1889	3.1875	3.9849	3.9831	2.9959	2.9893	$\frac{3}{8}$	2	3	$3\frac{3}{4}$		
TFPI56TX x L	$3\frac{1}{2}$	$3\frac{11}{16}$	3.6889	3.6875	3.4844	3.4822	3.4959	3.4893	$\frac{3}{8}$	$2\frac{1}{2}$	3	$3\frac{3}{4}$		
TFPI64TX x L	4	$4\frac{3}{16}$	4.1889	4.1872	4.9839	4.9817	3.9959	3.9893	$\frac{3}{8}$	3	$3\frac{3}{4}$	$4\frac{3}{4}$		

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Metric Plain Standard Wrapped Bearings

Bush Bore Diameter	General Outside diameter of Bush	Bore of Bush When in Housing H8	Journal Diameter e8	Bore of Bush When in Housing H8	Bush Length (+/- 0.13 mm)								Wall Thickness as supplied	Lining Thickness as supplied	
					10	15	20	25	30	40	50	60			
10	12	12 H8	10 e8	10 H8	TFPSWB 1010M	TFPSWB 1010M	TFPSWB 1010M							1.056 - 1.007	0.3 minimum
12	14	14 H8	12 e8	12 H8	TFPSWB 1210M	TFPSWB 1215M	TFPSWB 1220M							1.056 - 1.007	0.3 minimum
13	15	15 H8	13 e8	13 H8	TFPSWB 1310M	TFPSWB 1315M	TFPSWB 1320M	TFPSWB 1325M						1.056 - 1.007	0.3 minimum
14	16	16 H8	14 e8	14 H8	TFPSWB 1410M	TFPSWB 1415M	TFPSWB 1420M	TFPSWB 1425M						1.056 - 1.007	0.3 minimum
15	17	17 H8	15 e8	15 H8	TFPSWB 1510M	TFPSWB 1515M	TFPSWB 1520M	TFPSWB 1525M						1.056 - 1.007	0.3 minimum
16	18	18 H8	16 e8	16 H8		TFPSWB 1615M	TFPSWB 1620M	TFPSWB 1625M						1.056 - 1.007	0.3 minimum
18	20	20 H8	18 e8	18 H8		TFPSWB 1815M	TFPSWB 1820M	TFPSWB 1825M						1.056 - 1.007	0.3 minimum
19	22	22 H8	19 e8	19 H8		TFPSWB 1915M		TFPSWB 1925M	TFPSWB 1930M					1.559 - 1.507	0.3 minimum
20	23	23 H8	20 e8	20 H8		TFPSWB 2015M	TFPSWB 2020M	TFPSWB 2025M	TFPSWB 2030M					1.559 - 1.507	0.3 minimum
22	25	25 H8	22 e8	22 H8		TFPSWB 2215M	TFPSWB 2220M	TFPSWB 2225M	TFPSWB 2230M					1.559 - 1.507	0.3 minimum
24	27	27 H8	24 e8	24 H8		TFPSWB 2415M	TFPSWB 2420M	TFPSWB 2425M	TFPSWB 2430M					1.559 - 1.507	0.3 minimum
25	28	28 H8	25 e8	25 H8		TFPSWB 2515M	TFPSWB 2520M	TFPSWB 2525M	TFPSWB 2530M					1.559 - 1.507	0.3 minimum
26	30	30 H8	26 e8	26 H8			TFPSWB 2620M	TFPSWB 2625M	TFPSWB 2630M	TFPSWB 2640M				2.059 - 2.010	0.3 minimum
28	32	32 H8	28 e8	28 H8			TFPSWB 2820M	TFPSWB 2825M	TFPSWB 2830M	TFPSWB 2840M				2.059 - 2.010	0.3 minimum
30	34	34 H8	30 e8	30 H8			TFPSWB 3020M	TFPSWB 3025M	TFPSWB 3030M	TFPSWB 3040M				2.059 - 2.010	0.3 minimum
32	36	36 H8	32 e8	32 H8			TFPSWB 3220M	TFPSWB 3225M	TFPSWB 3230M	TFPSWB 3240M	TFPSWB 3250M			2.059 - 2.010	0.3 minimum
34	38	38 H8	34 e8	34 H8			TFPSWB 3420M	TFPSWB 3425M	TFPSWB 3430M	TFPSWB 3440M	TFPSWB 3450M			2.059 - 2.010	0.3 minimum
35	39	39 H8	35 e8	35 H8			TFPSWB 3520M	TFPSWB 3525M	TFPSWB 3530M	TFPSWB 3540M	TFPSWB 3550M			2.059 - 2.010	0.3 minimum
36	40	40 H8	36 e8	36 H8			TFPSWB 3620M	TFPSWB 3625M	TFPSWB 3630M	TFPSWB 3640M	TFPSWB 3650M			2.059 - 2.010	0.3 minimum
38	42	42 H8	38 e8	38 H8			TFPSWB 3820M	TFPSWB 3825M	TFPSWB 3830M	TFPSWB 3840M	TFPSWB 3850M			2.059 - 2.010	0.3 minimum
40	44	44 H8	40 e8	40 H8			TFPSWB 4020M	TFPSWB 4025M	TFPSWB 4030M	TFPSWB 4040M	TFPSWB 4050M			2.059 - 2.010	0.3 minimum
42	46	46 H8	42 e8	32 H8			TFPSWB 4220M	TFPSWB 4225M	TFPSWB 4230M	TFPSWB 4240M	TFPSWB 4250M			2.059 - 2.010	0.3 minimum
44	48	48 H8	44 e8	44 H8			TFPSWB 4420M	TFPSWB 4425M	TFPSWB 4430M	TFPSWB 4440M	TFPSWB 4450M			2.059 - 2.010	0.3 minimum
45	50	50 H8	45 e8	45 H8					TFPSWB 4530M	TFPSWB 4540M	TFPSWB 4550M	TFPSWB 4560M		2.562 - 2.513	0.3 minimum
46	51	51 H8	46 e8	46 H8					TFPSWB 4630M	TFPSWB 4640M	TFPSWB 4650M	TFPSWB 4660M		2.562 - 2.513	0.3 minimum
48	53	53 H8	48 e8	48 H8					TFPSWB 4830M	TFPSWB 4840M	TFPSWB 4850M	TFPSWB 4860M		2.562 - 2.513	0.3 minimum
50	55	55 H8	50 e8	50 H8					TFPSWB 5030M	TFPSWB 5040M	TFPSWB 5050M	TFPSWB 5060M		2.562 - 2.513	0.3 minimum
52	57	57 H8	52 e8	52 H8					TFPSWB 5230M	TFPSWB 5240M	TFPSWB 5250M	TFPSWB 5260M		2.562 - 2.513	0.3 minimum
55	60	60 H8	55 e8	55 H8					TFPSWB 5530M	TFPSWB 5540M	TFPSWB 5550M	TFPSWB 5560M		2.562 - 2.513	0.3 minimum
58	63	63 H8	58 e8	58 H8					TFPSWB 5830M	TFPSWB 5840M	TFPSWB 5850M	TFPSWB 5860M		2.562 - 2.513	0.3 minimum

No oil hole or oil groove is present in metric size



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Imperial Plain Standard Wrapped Bearings

Bush Bore Diameter	General Outside diameter of Bush	Bore of Bush When in Housing H8	Journal Diameter e8	Bore of Bush When in Housing H8	5/32 Oil Hole diameter								1/4 Oil Hole dia		1/4 or 5/16 Oil Hole			3/8 Oil Hole diameter					Wall Thickness as supplied	Lining Thickness as supplied						
					3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3												
3/8	15/32	0.4697-0.4687	0.3740-0.3731	0.3759-0.3750	TFPSWB 1203	TFPSWB 1204	TFPSWB 1205	TFPSWB 1206																0.049 - 0.047	0.012 minimum					
7/16	17/32	0.5322-0.5312	0.4363-0.4353	0.4385-0.4375	TFPSWB 1403	TFPSWB 1404		TFPSWB 1406																	0.049 - 0.047	0.012 minimum				
1/2	19/32	0.5947-0.5937	0.4988-0.4978	0.5010-0.5000	TFPSWB 1603	TFPSWB 1604	TFPSWB 1605	TFPSWB 1606	TFPSWB 1607																0.049 - 0.047	0.012 minimum				
9/16	21/32	0.6572-0.6562	0.5613-0.5603	0.5635-0.5625		TFPSWB 1804	TFPSWB 1805	TFPSWB 1806	TFPSWB 1807																	0.049 - 0.047	0.012 minimum			
5/8	23/32	0.7199-0.7187	0.6238-0.6228	0.6260-0.6250	TFPSWB 2003	TFPSWB 2004	TFPSWB 2005	TFPSWB 2006	TFPSWB 2007	TFPSWB 2008																0.049 - 0.047	0.012 minimum			
11/16	25/32	0.7824-0.7812	0.6863-0.6853	0.6885-0.6875			TFPSWB 2205	TFPSWB 2206	TFPSWB 2207																		0.049 - 0.047	0.012 minimum		
3/4	7/8	0.8762-0.8750	0.7484-0.7472	0.7512-0.7500		TFPSWB 2404	TFPSWB 2405	TFPSWB 2406		TFPSWB 2408	TFPSWB 2410																0.065 - 0.063	0.012 minimum		
13/16	15/16	0.9387-0.9375	0.8109-0.8097	0.8137-0.8125				TFPSWB 2606		TFPSWB 2608																		0.065 - 0.063	0.012 minimum	
7/8	1	1.0012-1.0000	0.8734-0.8097	0.8762-0.8750		TFPSWB 2804		TFPSWB 2806		TFPSWB 2808	TFPSWB 2810																	0.065 - 0.063	0.012 minimum	
15/16	1 1/16	1.0637-1.0625	0.8734-0.8722	0.9387-0.9375		TFPSWB 3004		TFPSWB 3006		TFPSWB 3008	TFPSWB 3010																	0.065 - 0.063	0.012 minimum	
1	1 1/8	1.1262-1.1250	0.9359-0.9347	1.0012-1.0000		TFPSWB 3204		TFPSWB 3206		TFPSWB 3208	TFPSWB 3210	TFPSWB 3212																0.065 - 0.063	0.012 minimum	
1 1/8	1 1/4	1.2828-1.2812	0.9984-0.9972	1.1262-1.1250				TFPSWB 3606		TFPSWB 3608	TFPSWB 3610	TFPSWB 3612																	0.080 - 0.078	0.012 minimum
1 1/4	1 3/8	1.4078-1.4062	1.1234-1.1222	1.2516-1.2500					TFPSWB 4006		TFPSWB 4008	TFPSWB 4010	TFPSWB 4012	TFPSWB 4014															0.080 - 0.078	0.012 minimum
1 3/8	1 7/8	1.5328-1.5312	1.2480-1.2464	1.3766-1.3750					TFPSWB 4406		TFPSWB 4408	TFPSWB 4410	TFPSWB 4412	TFPSWB 4414															0.080 - 0.078	0.012 minimum
1 1/2	1 5/8	1.6578-1.6562	1.3730-1.3714	1.5016-1.5000					TFPSWB 4806		TFPSWB 4808	TFPSWB 4810	TFPSWB 4812	TFPSWB 4814	TFPSWB 4816														0.080 - 0.078	0.012 minimum
1 5/8	1 3/4	1.7828-1.7812	1.4980-1.4964	1.6266-1.6250						TFPSWB 5206		TFPSWB 5208	TFPSWB 5210	TFPSWB 5212	TFPSWB 5214	TFPSWB 5216													0.080 - 0.078	0.012 minimum
1 3/4	1 7/8	1.9391-1.9375	1.7480-1.7464	1.7516-1.7500							TFPSWB 5608	TFPSWB 5610 *	TFPSWB 5612 *	TFPSWB 5614 *	TFPSWB 5616 *														0.096 - 0.094	0.012 minimum
1 7/8	2 1/16	2.0643-2.0625	1.8730-1.8714	1.8766-1.8750							TFPSWB 6008	TFPSWB 6010 *	TFPSWB 6012 *	TFPSWB 6014 *	TFPSWB 6016 *	TFPSWB 6018													0.096 - 0.094	0.012 minimum
2	2 3/16	2.1893-2.1875	1.9975-1.9957	2.0018-2.0000							TFPSWB 6408	TFPSWB 6410 *	TFPSWB 6412 *	TFPSWB 6414 *	TFPSWB 6416 *	TFPSWB 6418	TFPSWB 6420												0.096 - 0.094	0.012 minimum
2 1/4	2 1/8	2.4393-2.4375	2.2475-2.2457	1.8766-1.8750							TFPSWB 7208	TFPSWB 7210 *	TFPSWB 7212 *	TFPSWB 7214 *	TFPSWB 7216 *	TFPSWB 7218	TFPSWB 7220												0.096 - 0.094	0.012 minimum
2 1/2	2 1/4	2.6893-2.6875	2.4975-2.4957	2.5018-2.5000								TFPSWB 8010 *	TFPSWB 8012 *	TFPSWB 8014 *	TFPSWB 8016 *	TFPSWB 8018	TFPSWB 8020	TFPSWB 8022											0.096 - 0.094	0.012 minimum
2 3/4	2 5/8	2.9393-2.9375	2.7475-2.7457	2.7518-2.7500											TFPSWB 8816 *	TFPSWB 8818	TFPSWB 8820	TFPSWB 8822	TFPSWB 8824										0.096 - 0.094	0.012 minimum
3	3 1/8	3.1897-3.1875	2.9975-2.9957	3.0018-3.0000											TFPSWB 9616 *	TFPSWB 9618	TFPSWB 9620	TFPSWB 9622	TFPSWB 9624										0.096 - 0.094	0.012 minimum

* denotes larger of the 2 oil holes quoted is present in imperial sizes