



Bearing & Rod Ends



High Precision Parts

For your Racing & Performance Excellence

Catalogue 2024

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• Spherical Plain Bearings

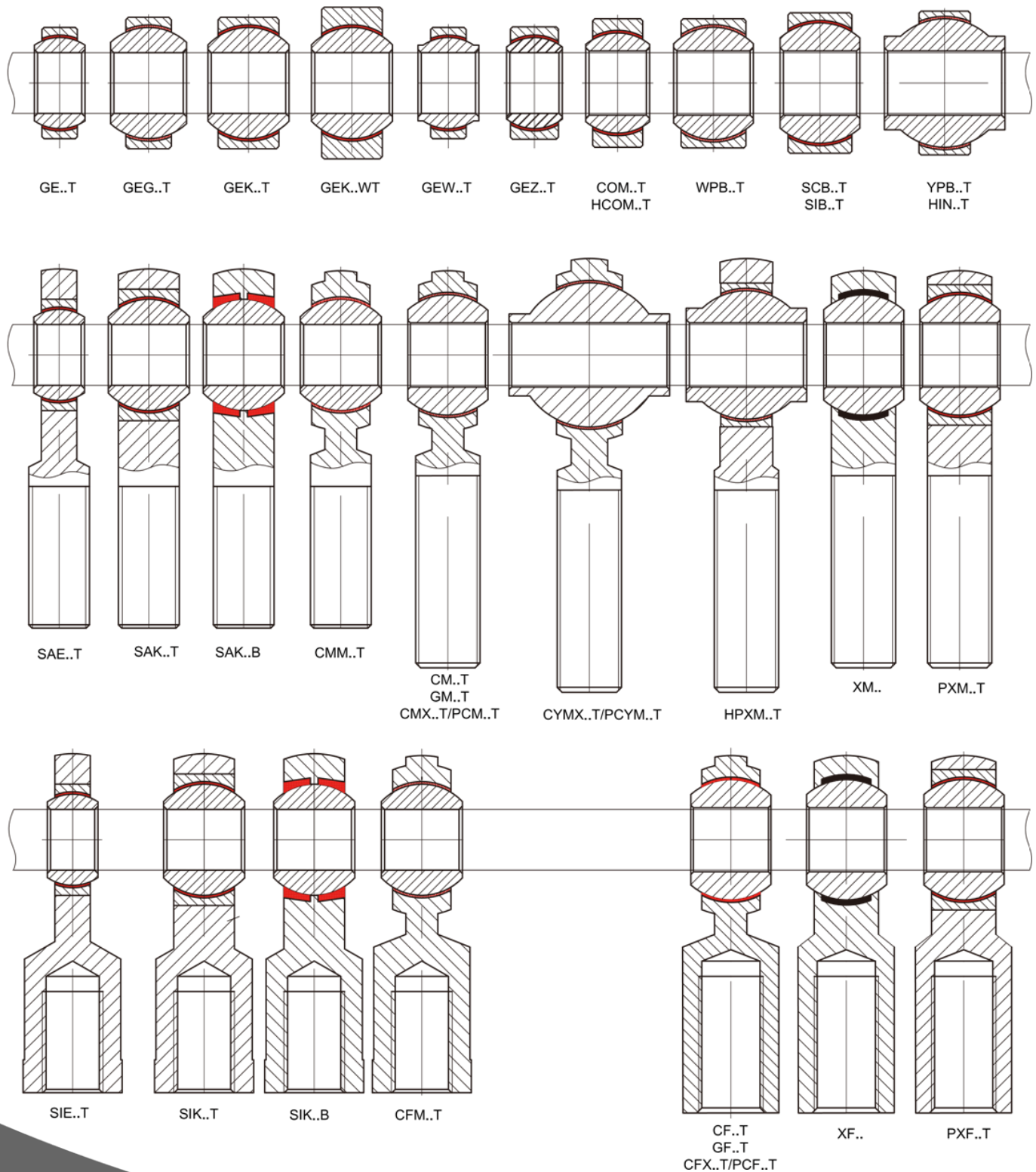
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• Rod ends

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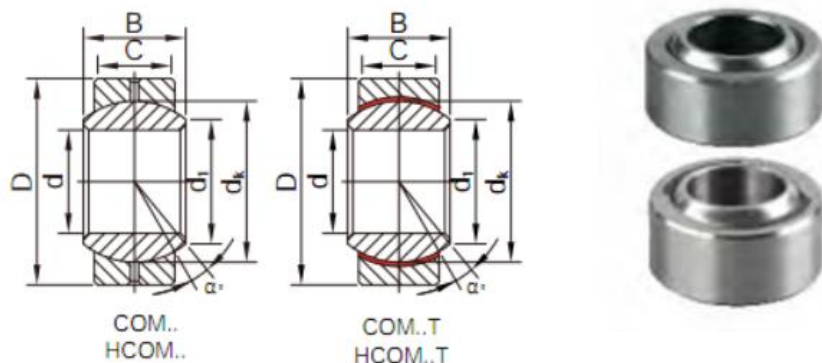
High Precision Bearing & Rod Ends

- Profile comparison of metric and inch in close bore size



• Radial Spherical Plain Bearings

• Inch COM Series,



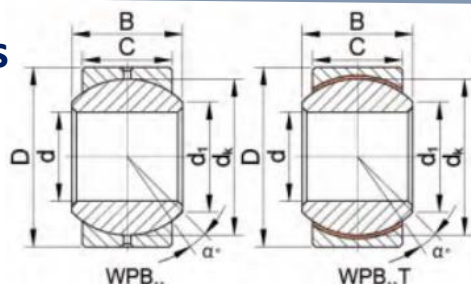
Part No.		Dimensions- Inch COM								
Steel to Steel	Steel to PTFE	d +.0015 -.0005	D +.0000 -.0005	B +.000 -.0005	C +.005 -.005	dk ≈	d1 ≈	α° ≈	Radial Static Load ≈(K Lbs)	Weight ≈ (Lbs)
COM3	COM3T	.1900	.5625	.281	.218	.406	.293	11	7.45	.013
COM4	COM4T	.2500	.6562	.343	.250	.500	.364	13	11.30	.020
COM5	COM5T	.3125	.7500	.375	.281	.562	.419	12	13.60	.030
COM6	COM6T	.3750	.8125	.406	.312	.656	.516	10	18.18	.037
COM7	COM7T	.4375	.9062	.437	.343	.687	.530	8	22.85	.047
COM8	COM8T	.5000	1.0000	.500	.390	.781	.600	9.5	30.70	.065
COM9	COM9T	.5625	1.0937	.562	.437	.875	.670	9.5	38.10	.085
COM10	COM10T	.6250	1.1875	.625	.500	.968	.739	8.5	49.82	.112
COM12	COM12T	.7500	1.4375	.750	.593	1.187	.920	9	72.35	.203
COM14	COM14T	.8750	1.5625	.875	.703	1.312	.980	9.5	97.8	.260
COM16	COM16T	1.0000	1.7500	1.000	.797	1.500	1.12	10	129.5	.385
HCOM16	HCOM16T	1.0000	2.0000	1.000	.781	1.687	1.36	9	158.0	.550
HCOM19	HCOM19T	1.1875	2.3750	1.187	.937	2.000	1.61	9	231.6	.890
HCOM20	HCOM20T	1.2500	2.3750	1.187	.937	2.000	1.61	9	231.6	.890
HCOM24	HCOM24T	1.5000	2.7500	1.375	1.094	2.312	1.86	8	312.6	1.360
HCOM28	HCOM28T	1.7500	3.1250	1.562	1.250	2.625	2.11	8	393.3	1.950
HCOM32	HCOM32T	2.0000	3.5000	1.750	1.375	2.937	2.36	8.5	477.5	2.650
Race (Out ring)		Ball (Inner ring)				Self-lubrication Material				
Carbon steel 1020 1045 Chrome molly 4135, heat treated Stainless steel 303/304, 316, 420, 17-4PH		Bearing steel 52100 Stainless steel 440/440C Harden and hard chrome plated				PTFE liner PTFE with Nylon reinforced composite				

Bearing & Rod Ends for Racing & Performance



• Radial Spherical Plain Bearings

• Inch – WPB Series



Part No.		Dimensions- inch WPB swaged									
Steel to Steel	Steel to PTFE	d		D +.0000 -.0005	B - .005	c 005 - .005	dk ≈	d1 ≈	α° ≈	Radial Static Load ≈ (K Lbs)	Weight ≈(Lbs)
		+.0015 - .0005	+.0000 - .0005								
WPB3	WPB3T	.1900		.6250	.437	.327	.531	.301	15	2.5	.03
WPB4	WPB4T	.2500		.6250	.437	.327	.531	.301	15	5.5	.032
WPB5	WPB5T	.3125		.6875	.437	.317	.593	.360	14	9.4	0.035
WPB6	WPB6T	.3750		.8125	.500	.406	.687	.466	8	13.7	0.060
WPB7	WPB7T	.4375		.9375	.562	.442	.781	.537	10	20.7	0.080
WPB8	WPB8T	.5000		1.000	.625	.505	.875	.607	9	21.5	.100
WPB9	WPB9T	.5625		1.1250	.687	.536	1.000	.721	10	26.6	.135
WPB10	WPB10T	.6250		1.1875	.750	.567	1.062	.751	12	29	.160
WPB12	WPB12T	.7500		1.3750	.875	.630	1.250	0.89	13	37	.240
WPB14	WPB14T	.8750		1.625	.875	.755	1.375	1.06	6	65	.350
WPB16	WPB16T	1.000		2.1250	1.375	1.005	1.875	1.27	12	104	.970
WPB20	WPB20T	1.1250		2.3750	1.500	1.125	2.0930	1.459	13	180	1.15
WPB24	WPB24T	1.5000		2.9170	1.962	1.500	2.750	1.926	11	281	2.25
WPB24	WPB24T	1.5000		2.6875	1.687	1.218	2.3784	1.676	14	220	1.50
WPB28	WPB28T	1.6250		3.0000	1.812	1.312	2.6718	1.963	13	270	1.930
WPB30	WPB30T	1.8750		3.1250	1.875	1.351	2.8118	2.095	13	293	2.10
WPB32	WPB32T	2.0000		3.2500	1.937	1.375	2.9374	2.208	13	315	2.26
Race (Out ring)				Ball (Inner ring)				Self-lubrication material			
Chrome molly 4135, heat treated Stainless steel 316, 420, 17-4PH				Bearing steel 52100 Stainless steel 440/440C Harden and hard chrome plated				PTFE liner PTFE with Nylon reinforced composite			

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