Rod End Bearings

SEALMASTER®



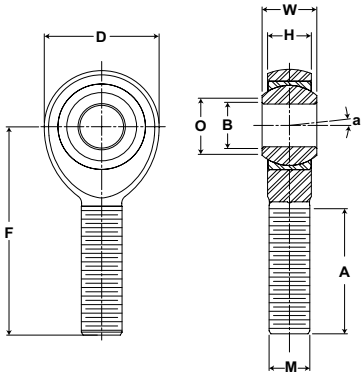
Basic Construction Type: Male 3 pc. General Purpose, Commercial

Outer Member Material: Carbon Steel with Protective Plating for Corrosion Resistance

Race Material: Delrin*

Ball Material: Alloy Steel, Heat Treated, Chrome Plated

Feature: Self-Lubricating



CTMD Series Male Rod Ends

Part No.	Dimensions inch / mm									Max Static Radial Load lb/N	Misalignment Angle a	Unit Wt. lb/kg
	B	W	H	D	F	A	M	Ball Diam.	O			
	+.0025 -.0005	+.005 -.005	+.010 -.010	+.031 -.031	+.015 -.015	Min.	Class UNF-3A	Ref.	Ref.		Deg. +/-	
CTMD-3	.1900 4.826	.312 7.92	.250 6.35	.625 15.88	1.250 31.75	.719 18.26	#10-32	.437 11.10	.306 7.77	800 3559	6 1/2	.030 .014
CTMD-4	.2500 6.350	.375 9.53	.281 7.14	.750 19.05	1.562 39.67	.969 24.61	1/4-28	.500 12.70	.331 8.41	1060 4715	8	.050 .023
CTMD-5	.3125 7.938	.437 11.10	.344 8.74	.875 22.23	1.875 47.63	1.219 30.96	5/16-24	.625 15.88	.447 11.35	1570 6984	7	.080 .036
CTMD-6	.3750 9.525	.500 12.70	.406 10.31	1.000 25.40	1.938 49.23	1.219 30.96	3/8-24	.718 18.24	.517 13.13	2150 9564	6	.120 .054
CTMD-7	.4375 11.113	.562 14.27	.437 11.10	1.125 28.58	2.125 53.98	1.344 34.14	7/16-20	.812 20.62	.586 14.88	2600 11565	7	.170 .077
CTMD-8	.5000 12.700	.625 15.88	.500 12.70	1.312 33.32	2.438 61.93	1.469 37.31	1/2-20	.937 23.80	.698 17.73	3420 15213	6	.260 .118
CTMD-10	.6250 15.875	.750 19.05	.562 14.27	1.500 38.10	2.625 66.68	1.594 40.49	5/8-18	1.125 28.58	.839 21.31	4620 20551	8	.410 .186
CTMD-12	.7500 19.050	.875 22.23	.687 17.45	1.750 44.45	2.875 73.03	1.719 43.66	3/4-16	1.312 33.32	.978 24.84	6600 29358	7	.640 .290

NOTES

1. To order left hand threaded units add letter “L” to part number prefix; Example: CTMDL-8.
2. Add letter “Y” to the part number suffix to indicate stud; Example: CTMD-8Y.
3. For design modifications, see page J-13.
4. Caution: Prolonged exposure to ultraviolet light can cause loss of mechanical properties in DELRIN® material. Consult Application Engineering for application assistance.

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