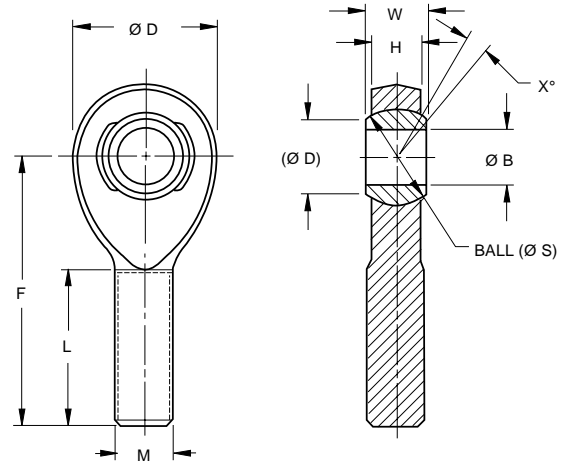


## MALE ROD END BEARINGS

- Male type, rod end
- High temperature -65°F to +600°F (-53.89°C to +315.56°C)
- Material  
Ball: Cobalt Alloy per AMS 5387, HRC 37 minimum  
Rod End Housing: CRES 15-5PH per AMS 5659  
Cond H-1025
- Surface treatment  
Ball O.D.: Solid film lubricant  
Rod end body I.D.: Nitrided



## SPECIFICATIONS AND ORDERING INFORMATION

### DIMENSIONS – TOLERANCES

MSSTMxxA	B		D		L		F		W		H		A		S		M	X°		
	Dash No.		+0.000, -0.005 +0.00, -0.13		+0.010, -0.010 +0.25, -.25		+0.030, -0.030 +0.76, -.76		+0.010, -0.010 +0.25, -.25		+0.000, -0.002 +0.00, -.05		+0.000, -0.020 +0.00, -.51		Ø Ref.	Ø Ref.	Ø Ball O.D. Ref.	Ø Ball O.D. Ref.	UNJF-3A	Min.
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
03	0.1900	4.826	0.850	21.59	0.968	24.59	1.656	42.06	0.343	8.71	0.260	6.60	0.405	10.29	0.5300	13.462	.3125-24	12		
04	0.2500	6.350	0.850	21.59	0.968	24.59	1.656	42.06	0.343	8.71	0.260	6.60	0.405	10.29	0.5300	13.462	.3125-24	12		
05	0.3125	7.938	0.900	22.86	1.187	30.15	1.906	48.41	0.375	9.53	0.290	7.37	0.420	10.67	0.5625	14.288	.3125-24	12		
06	0.3750	9.525	1.000	25.40	1.187	30.15	2.000	50.80	0.406	10.31	0.322	8.18	0.476	12.09	0.6250	15.875	.3750-24	11		
07	0.4375	11.113	1.095	27.81	1.280	32.51	2.125	53.98	0.437	11.10	0.353	8.97	0.530	13.46	0.6865	17.437	.4375-20	10		
08	0.5000	12.700	1.332	33.83	1.468	37.29	2.560	65.02	0.500	12.70	0.405	10.29	0.641	16.28	0.8125	20.638	.5000-20	9		
10	0.6250	15.875	1.535	38.99	1.560	39.62	2.780	70.61	0.625	15.88	0.515	13.08	0.740	18.80	0.9680	24.587	.6250-18	9		
12	0.7500	19.050	1.890	48.01	1.687	42.85	3.062	77.77	0.750	19.05	0.610	15.49	0.921	23.39	1.1870	30.150	.7500-18	9		
14	0.8750	22.225	2.210	56.13	2.000	50.80	3.560	90.42	0.875	22.23	0.718	18.24	0.978	24.84	1.3120	33.325	.8750-14	9		
16	1.0000	25.400	2.625	66.68	2.343	59.51	4.125	104.78	1.000	25.40	0.817	20.75	1.119	28.42	1.5000	38.100	1.2500-12	9		

.002 inch max internal clearance (contact RBC engineering for reduced clearance design)

### LOAD RATINGS

MSSTMxxA	Static Radial Load Limit		Weight Approx.	
	lb.	N	lbs.	kg
03			0.06	0.027
04			0.06	0.027
05			0.07	0.032
06			0.09	0.041
07			0.12	0.054
08			0.20	0.091
10			0.34	0.154
12			0.62	0.281
14			0.95	0.431
16			1.50	0.680

Please contact the RBC Engineering Support Team for specific load information or to customize a product for your particular needs.