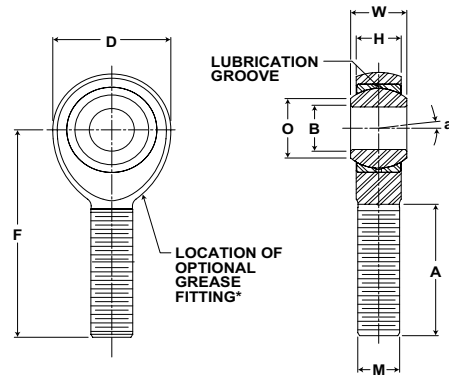




- Basic Construction Type:** Male 3 pc. General Purpose, Precision
- Outer Member Material:** Carbon Steel with Protective Plating for Corrosion Resistance
- Race Material:** Carbon Steel with Protective Plating for Corrosion Resistance
- Ball Material:** Alloy Steel, Heat Treated, Chrome Plated



TRE, TRE-N Series Female Rod Ends

PART No.	Dimensions inch / mm									MAX STATIC RADIAL LOAD lb/N	MISALIGNMENT ANGLE α	UNIT WT. lb/kg
	B	W	H	D	F	A	M	BALL DIAM.	O			
	+0.015 -0.005	+0.000 -0.005	+0.005 -0.005	+0.010 -0.010	+0.015 -0.015	MIN.	CLASS UNF-3A	REF.	REF.		DEG. +/-	
TRE-3	.1900	.312	.250	.625	1.250	.719	#10-32	.437	.306	900	6 1/2	.030
	4.826	7.92	6.35	15.88	31.75	18.26		11.10	7.77	4003		.014
TRE-4	.2500	.375	.281	.750	1.562	.969	1/4-28	.500	.331	1700	8	.050
	6.350	9.53	7.14	19.05	39.67	24.61		12.70	8.41	7562		.023
TRE-5	.3125	.437	.344	.875	1.875	1.219	5/16-24	.625	.447	2500	7	.080
	7.938	11.10	8.74	22.23	47.63	30.96		15.88	11.35	11121		.036
TRE-6	.3750	.500	.406	1.000	1.938	1.219	3/8-24	.718	.517	4000	6	.120
	9.525	12.70	10.31	25.40	49.23	30.96		18.24	13.13	17793		.054
TRE-7	.4375	.562	.437	1.125	2.125	1.344	7/16-20	.812	.586	5000	7	.170
	11.113	14.27	11.10	28.58	53.98	34.14		20.62	14.88	22241		.077
TRE-8	.5000	.625	.500	1.312	2.438	1.469	1/2-20	.937	.698	7000	6	.260
	12.700	15.88	12.70	33.32	61.93	37.31		23.80	17.73	31138		.118
TRE-10	.6250	.750	.562	1.500	2.625	1.594	5/8-18	1.125	.839	8050	8	.410
	15.875	19.05	14.27	38.10	66.68	40.49		28.58	21.31	35808		.186
TRE-12	.7500	.875	.687	1.750	2.875	1.719	3/4-16	1.312	.978	11300	7	.640
	19.050	22.23	17.45	44.45	73.03	43.66		33.32	24.84	50265		.290
** TRE-16	1.0000	1.375	1.000	2.750	4.125	2.094	1 1/4-12	1.875	1.269	21000	8 1/2	2.250
	25.400	34.93	25.40	69.85	104.78	53.19		47.63	32.23	93413		1.021

NOTES

- Rod ends with Zerk type grease fittings can be obtained by ordering the TRE-N series; Example: TRE-8N.
- Grease fittings are available on sizes 4 through 16 only.
- Load ratings apply to the TRE series only. For TRE-N load ratings contact Application Engineering.
- To order left hand threaded units add letter "L" to part number prefix; Example: TREL8.
- Add letter "Y" to the part number suffix to indicate stud; Example: TRE-8Y.
- For design modifications, see page J-13.
- ** 7.Tolerances for "D" Dimension is +.030, -.010. For "H" Dimension is +.030, -.010.