

AM & AF Aluminum

Self-Lubricating Race - Right & Left Hand Threads - Male & Female

Inch Rod Ends

AM & AF Features

BALL

- 52100 Bearing Steel
- Heat Treated
- Hard Chrome Plated
- Precision Ground

RACE

- Reinforced Nylon 12 with PTFE

BODY

- Aircraft Aluminum 7075-T6
- Color Anodized Red (Standard)

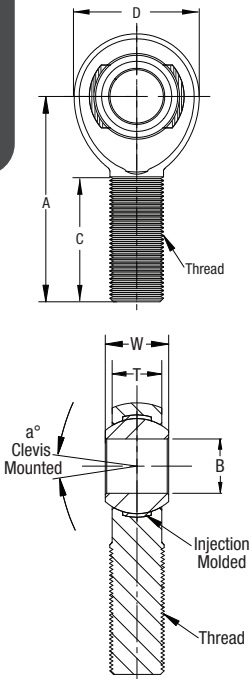
EXCLUSIVE FEATURES

- Metal-to-Metal Support for Heavy Shock Loads
- Increased Cross-Sectional Thickness for Greater Tensile Strength

PART NUMBER

DIMENSIONS IN INCHES

AM Male



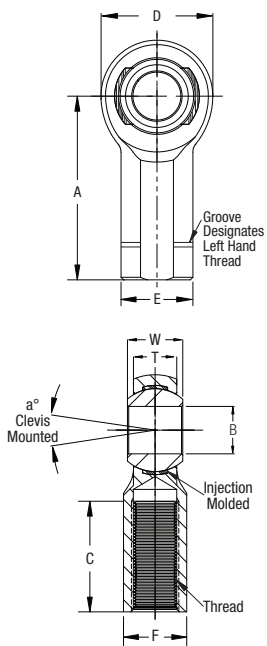
Right Hand	Left Hand	B + .0015 - .0005	W ± .005	T ± .005	A ± .015	D ± .010	Ball Dia. Ref.	C + .062 - .031	Thread UNF-3A	Misalign. Angle a°	Ult. Radial Static Load Lbs.	Approx. Brg. Wgt. Lbs.
AMR3	AML3	0.1900	0.312	0.250	1.250	0.625	0.437	0.750	10-32	13	788	0.02
AMR4	AML4	0.2500	0.375	0.281	1.562	0.750	0.500	1.000	1/4-28	16	1,433	0.03
AMR5	AML5	0.3125	0.437	0.344	1.875	0.875	0.625	1.250	5/16-24	14	2,284	0.05
AMR5-6	AML5-6	0.3125	0.437	0.344	1.938	1.000	0.625	1.250	3/8-24	12	3,457	0.05
AMR6	AML6	0.3750	0.500	0.406	1.938	1.000	0.719	1.250	3/8-24	12	3,457	0.05
AMR6-7	AML6-7	0.3750	0.500	0.406	2.125	1.125	0.719	1.375	7/16-20	10	7,800	0.09
AMR6-8	-	0.3750	0.500	0.406	2.125	1.125	0.719	1.375	1/2-20	10	7,800	0.09
AMR7	AML7	0.4375	0.562	0.437	2.125	1.125	0.812	1.375	7/16-20	14	4,800	0.09
AMR7-8	AML7-8	0.4375	0.562	0.437	2.438	1.312	0.812	1.500	1/2-20	12	11,100	0.12
AMR8	AML8	0.5000	0.625	0.500	2.438	1.312	0.937	1.500	1/2-20	12	7,700	0.12
AMR8-10*	AML8-10*	0.5000	0.625	0.500	2.625	1.500	0.937	1.625	5/8-18	10	15,000	0.18
AMR10	AML10	0.6250	0.750	0.562	2.625	1.500	1.125	1.625	5/8-18	16	8,600	0.18
AMR10H	AML10H	0.6250	0.750	0.562	2.625	1.750	1.125	1.625	5/8-18	13	19,300	0.26
AMR10-12	AML10-12	0.6250	0.750	0.562	2.875	1.750	1.125	1.750	3/4-16	13	19,300	0.30
AMR12	AML12	0.7500	0.875	0.687	2.875	1.750	1.312	1.750	3/4-16	14	13,400	0.29
AMR12-757	-	0.7570	0.875	0.687	2.875	1.750	1.312	1.750	3/4-16	14	13,400	0.29

SELF-LUBRICATING

PART NUMBER

DIMENSIONS IN INCHES

AF Female



Right Hand	Left Hand	B + .0015 - .0005	W ± .005	T ± .005	A ± .015	D ± .010	E ± .010	F ± .010	Ball Dia. Ref.	C + .062 - .031	Thread UNF-2B	Misalign. Angle a°	Ult. Radial Static Load Lbs.	Approx. Brg. Wgt. Lbs.
AFR3	-	0.1900	0.312	0.250	1.062	0.625	0.406	0.312	0.437	0.562	10-32	13	1,453	0.03
AFR4	AFL4	0.2500	0.375	0.281	1.312	0.750	0.469	0.375	0.500	0.750	1/4-28	16	2,363	0.04
AFR5	AFL5	0.3125	0.437	0.344	1.375	0.875	0.500	0.437	0.625	0.750	5/16-24	14	2,780	0.06
AFR5-6	-	0.3125	0.437	0.344	1.625	1.000	0.687	0.562	0.625	0.937	3/8-24	14	4,512	0.09
AFR6	AFL6	0.3750	0.500	0.406	1.625	1.000	0.687	0.562	0.719	0.937	3/8-24	12	3,682	0.11

SELF-LUBRICATING

This design results in metal-to-metal support for heavy shock loads, and smooth operation for low loads. A Series rod ends are often used in applications where weight is a consideration. The A Series rod ends are moderately priced.