

# EXM & EXF Carbon Steel

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

Inch  
Endura  
Loader Slot  
Rod Ends



## EXM & EXF Features

### BALL

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

### RACE

- Reinforced Nylon 12 with PTFE

### BODY

- Carbon Steel (Alloy Steel - Mfr.'s Option)
- Protective Coated for Corrosion Resistance

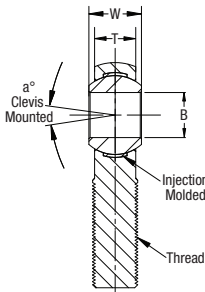
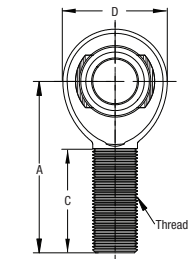
### EXCLUSIVE FEATURES

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

### PART NUMBER

### DIMENSIONS IN INCHES

## EXM Male



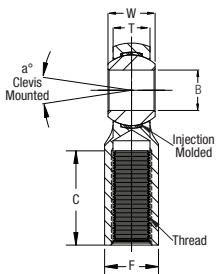
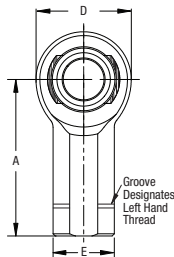
Right Hand	Left Hand	B + .0015 - .0005	W ± .005	T ± .005	A ± .015	D ± .010	Ball Dia. Ref.	C + .062 - .031	Thread UNF-3A	Misalign. Angle a°	Ult. Radial Static Load Lbs.	Approx. Brg. Wgt. Lbs.
EXMR3	EXML3	0.1900	0.312	0.250	1.250	0.625	0.437	0.750	10-32	13	1,169	0.03
EXMR4	EXML4	0.2500	0.375	0.281	1.562	0.750	0.500	1.000	1/4-28	16	2,158	0.04
EXMR4-5	EXML4-5	0.2500	0.375	0.281	1.875	0.875	0.500	1.250	5/16-24	13	3,467	0.07
EXMR5	EXML5	0.3125	0.437	0.344	1.875	0.875	0.625	1.250	5/16-24	14	2,784	0.07
EXMR5-6	EXML5-6	0.3125	0.437	0.344	1.938	1.000	0.625	1.250	3/8-24	12	5,323	0.11
EXMR6	EXML6	0.3750	0.500	0.406	1.938	1.000	0.719	1.250	3/8-24	12	3,915	0.11
EXMR6-7	EXML6-7	0.3750	0.500	0.406	2.125	1.125	0.719	1.375	7/16-20	10	7,180	0.15
EXMR7	EXML7	0.4375	0.562	0.437	2.125	1.125	0.812	1.375	7/16-20	14	4,218	0.15
EXMR7-8	EXML7-8	0.4375	0.562	0.437	2.438	1.312	0.812	1.500	1/2-20	12	9,620	0.24
EXMR8	EXML8	0.5000	0.625	0.500	2.438	1.312	0.937	1.500	1/2-20	12	10,001	0.24
EXMR8-10	EXML8-10	0.5000	0.625	0.500	2.625	1.500	0.937	1.625	5/8-18	10	12,807	0.36
EXMR10	EXML10	0.6250	0.750	0.562	2.625	1.500	1.125	1.625	5/8-18	16	11,226	0.36
EXMR10-12	EXML10-12	0.6250	0.750	0.562	2.875	1.750	1.125	1.750	3/4-16	13	18,000	0.57
EXMR12	EXML12	0.7500	0.875	0.687	2.875	1.750	1.312	1.750	3/4-16	14	16,565	0.57
EXMR12-14	EXML12-14	0.7500	0.875	0.687	3.375	2.000	1.312	1.875	7/8-14	12	22,843	0.88
EXMR14	EXML14	0.8750	0.875	0.765	3.375	2.000	1.375	2.000	7/8-14	7	22,843	0.88
EXMR16	EXML16	1.0000	1.375	1.000	4.125	2.750	1.875	2.125	1 1/4-12	17	43,541	2.41
EXMR16-1	EXML16-1	1.0000	1.375	1.000	4.125	2.750	1.875	2.125	1-14*	17	43,541	2.13
EXMR16-2	EXML16-2	1.0000	1.375	1.000	4.125	2.750	1.875	2.125	1-12	17	43,541	2.13

## SELF-LUBRICATING

### PART NUMBER

### DIMENSIONS IN INCHES

## EXF 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.
EXFR3	EXFL3	0.1900	0.312	0.250	1.062	0.625	0.406	0.312	0.437	0.562	10-32	13	1,531	0.04
EXFR4	EXFL4	0.2500	0.375	0.281	1.312	0.750	0.469	0.375	0.500	0.750	1/4-28	16	2,539	0.06
EXFR5	EXFL5	0.3125	0.437	0.344	1.375	0.875	0.500	0.437	0.625	0.750	5/16-24	14	3,133	0.09
EXFR6	EXFL6	0.3750	0.500	0.406	1.625	1.000	0.687	0.562	0.719	0.937	3/8-24	12	3,915	0.14
EXFR7	EXFL7	0.4375	0.562	0.437	1.812	1.125	0.750	0.625	0.812	1.062	7/16-20	14	4,218	0.19
EXFR8	EXFL8	0.5000	0.625	0.500	2.125	1.312	0.875	0.750	0.937	1.187	1/2-20	12	10,001	0.31
EXFR10	EXFL10	0.6250	0.750	0.562	2.500	1.500	1.000	0.875	1.125	1.500	5/8-18	16	11,226	0.45
EXFR12	EXFL12	0.7500	0.875	0.687	2.875	1.750	1.125	1.000	1.312	1.750	3/4-16	14	16,848	0.69
EXFR16	EXFL16	1.0000	1.375	1.000	4.125	2.750	1.625	1.500	1.875	2.125	1 1/4-12	17	43,541	2.28
EXFR16-1	EXFL16-1	1.0000	1.375	1.000	4.125	2.750	1.625	1.500	1.875	2.125	1-14*	17	43,541	2.58
EXFR16-2	EXFL16-2	1.0000	1.375	1.000	4.125	2.750	1.625	1.500	1.875	2.125	1-12	17	43,541	2.58

## SELF-LUBRICATING

This design results in metal-to-metal support for heavy shock loads and smooth operation for low loads. EX series rod ends are appropriate for many applications. When greater strength is required, refer to the X series rod ends on page 8. The EX Series rod ends are economically priced.