



DIMENSIONS IN INCHES

ROD END NUMBER		DIMENSIONS IN INCHES								MAX. STATIC RADIAL LOAD IN POUNDS	APPROX. WEIGHT POUNDS	
		BORE	BALL WIDTH	HOUSING WIDTH	BALL FLAT DIAM.	HEAD DIAM.	LENGTH TO CENTER OF BALL	THREAD LENGTH	THREAD SIZE			BALL DIAM.
		B	W	H	O	D	MF	MA	M			
RL	MALE	+ .0015 - .0005	+ .000 - .005	+ .005 - .005	(+)	+ .010 - .010	+ .032 - .032	MIN	CLASS 3	(REF)	MALE	
RL	ARE-4	.2500	.375	.281	.355	.750	1.562	1.000	.2500 -28UNF	.515	4.480	.05
RL	ARE-5	.3125	.437	.344	.447	.875	1.875	1.250	.3125 -24UNF	.625	7.280	.08
RL	ARE-6	.3750	.500	.406	.517	1.000	1.938	1.250	.3750 -24UNF	.718	9.589	.12
RL	ARE-7	.4375	.562	.437	.586	1.125	2.125	1.375	.4375 -20UNF	.812	11.055	.17
RL	ARE-8	.5000	.625	.500	.698	1.312	2.438	1.500	.5000 -20UNF	.937	13.586	.26
RL	ARE-10	.6250	.750	.562	.839	1.500	2.625	1.625	.6250 -18UNF	1.125	17.315	.41
RL	ARE-12	.7500	.875	.687	.978	1.750	2.875	1.750	.7500 -16UNF	1.312	23.234	.64

Specifications

OUTER MEMBER: 4130 Chrome moly steel-heat treated, magnetic particle inspected, cadmium plated

BALL: Chrome steel-heat treated, chrome plated 52100

INSERTS: Aluminum bronze

R Designates units normally available from stock with right hand thread.

L Designates units normally available from stock with left hand thread
For delivery information on units not designated as normally available from stock, contact nearest Morse Service Center.

Notes

1. Add letter "L" to prefix to indicate left hand thread.
Example: AREL-4.
- *2. Optional lubricators as shown.
Flush type Lubricators available. See page 30 for ordering instructions.
3. For engineering data, see page 34 and 35.
4. For additional information, see pages 29 and 30. special sizes and materials can be provided upon request.