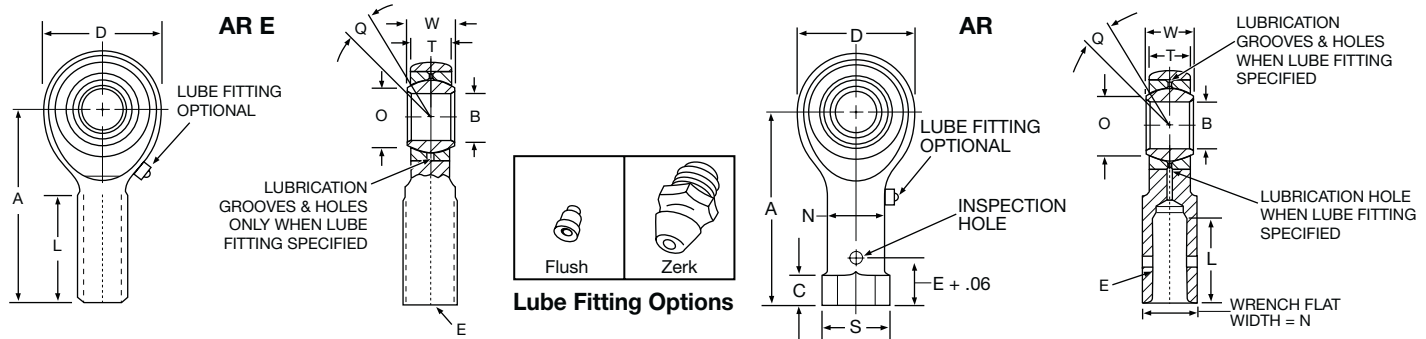




3-Piece Standard – Male & Female Threads



Part Number	(B)	(D)	(W)	(T)	(O)	Ball Diameter	(A)	(E)	(L)	(Q)	(N)	(S)	(C)	Static Radial Limit Load**		Weight
	Bore Diameter	Head Diameter	Ball Width	Body Width	Shoulder Diameter		Ball C/L to End	Thread Size	Thread Length	Misalignment	Shank Diameter	Flange Diameter	Flange Thickness	Steel Race	Bronze Race	
	Inch +.0015 -.0005	Inch +.010 -.010	Inch +.000 -.005	Inch +.005 -.005	Inch Ref.	Inch Ref.	Inch +.010 -.010	UNF - 3A* UNF - 3B*	Inch +.062 -.031		Inch + .010 -.010	Inch +.010 -.010	Inch +.010 -.062	lbs.	lbs.	lbs.
AR3E AR3	.1900	.806	.437	.337	.301	.531	1.562 1.375	5/16 - 24	.968 .750	16°	.422	.500	.188	4060 [◇]	4060 [◇]	.07 .08
AR4E AR4	.2500	.806	.437	.337	.301	.531	1.562 1.469	5/16 - 24	.968 .750	16°	.422	.500	.188	6060	6060	.07 .08
AR5E AR5	.3125	.900	.437	.327	.401	.593	1.875 1.625	5/16 - 24	1.187 .875	14°	.485	.580	.250	7290	7290	.08 .10
AR6E AR6	.3750	1.025	.500	.416	.471	.687	1.938 1.812	3/8 - 24	1.187 1.000	9°	.547	.660	.250	8860	8860	.13 .16
AR7E AR7	.4375	1.150	.562	.452	.542	.781	2.125 2.000	7/16 - 20	1.281 1.125	11°	.610	.720	.250	9560	9560	.18 .21
AR8E AR8	.5000	1.337	.625	.515	.612	.875	2.438 2.250	1/2 - 20	1.468 1.250	9°	.735	.880	.250	18560	18560	.27 .32
AR10E AR10	.6250	1.525	.750	.577	.752	1.062	2.625 2.500	5/8 - 18	1.562 1.375	12°	.860	1.020	.375	20610	20610	.42 .48
AR12E AR12	.7500	1.775	.875	.640	.892	1.250	2.875 2.875	3/4 - 16	1.687 1.625	14°	.985	1.160	.375	27640	27640	.63 .87
AR14E AR14	.8750	2.025	.875	.765	1.061	1.375	3.375 3.375	7/8 - 14	2.000 1.875	6°	1.110	1.300	.500	32140	32140	.96 .95
AR16E AR16	1.0000	2.775	1.375	1.015	1.275	1.875	4.125 4.125	1 1/4 - 12	2.343 2.125	14°	1.688	2.020	.563	72270	72270	2.54

* UNF-3A = Male Thread, UNF-3B = Female Thread, per MIL-S-7742 Rev. D.
 ** Load ratings are based on male rod ends without lubrication fitting.
 For rod end load ratings with lubrication fittings please contact NHBB engineering department.
 ◇ Load based on pin limitation.

NHBB P/N

