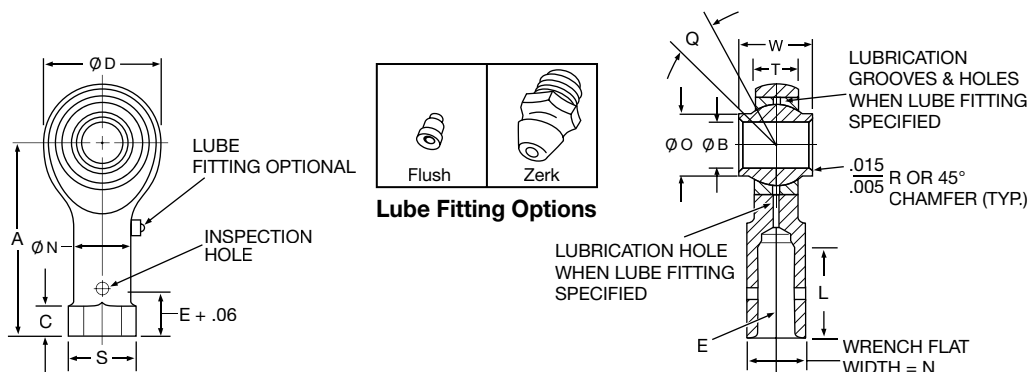


3-Piece High Misalignment – Female Thread



Part Number	(B) Bore Diameter	(D) Head Diameter	(W) Ball Width	(T) Body Width	(O) Shoulder Diameter	Ball Diameter	(A) Ball C/L to End	(E) Thread Size	(L) Thread Length	(Q) Misalignment	(N) Shank Diameter	(S) Flange Diameter	(C) Flange Thickness	Limit Static Radial Load**	Weight
	Inch +.0000 -.0005	Inch Max.	Inch +.000 -.005	Inch +.005 -.005	Inch Ref.	Inch Ref.	Inch +.06 -.06	UNF - 3B*	Inch +.06 -.06	Ref.	Inch +.010 -.010	Inch Ref.	Inch Ref.	lbs. Ref.	lbs. Ref.
ARYF3	.1900	.781	.560	.337	.301	.531	1.625	5/16 - 24	.750	16°	.500	.562	.250	4060 ◇	.08
ARYF3-101	.1900	.750	.500	.220	.319	.437	1.375	5/16 - 24	.750	15°	.437	.500	.250	4060 ◇	.06
ARYF4	.2500	1.000	.593	.265	.390	.593	1.625	3/8 - 24	.937	23°	.562	.625	.250	7040 ◇	.11
ARYF5	.3125	1.125	.813	.355	.512	.781	1.812	7/16 - 20	1.062	23°	.625	.688	.250	8260	.18
ARYF5-101	.3125	.875	.625	.265	.418	.593	1.375	5/16 - 24	.750	16°	.437	.500	.250	5290	.10
ARYF6	.3750	1.125	.813	.355	.512	.781	1.812	7/16 - 20	1.062	23°	.625	.688	.250	8260	.17
ARYF7	.4375	1.312	.875	.355	.618	.875	2.125	1/2 - 20	1.125	22°	.750	.812	.250	12420	.26
ARYF8	.5000	1.500	.937	.411	.730	1.000	2.625	5/8 - 18	1.500	20°	.875	.938	.375	17430	.40
ARYF10	.6250	1.750	1.200	.577	.856	1.250	2.875	3/4 - 16	1.750	20°	1.000	1.125	.375	23620	.63
ARYF12	.7500	2.000	1.280	.630	.970	1.375	3.375	7/8 - 14	1.875	18°	1.125	1.250	.500	30550	.87
ARYF14	.8750	2.200	1.400	.635	1.140	1.531	3.750	7/8 - 14	2.000	18.5°	1.125	1.250	.500	31970	1.01
ARYF16	1.0000	2.750	1.875	.845	1.278	1.875	4.125	1 1/4 - 12	2.125	21°	1.688	1.813	.562	59510	2.31
ARYF20	1.2500	3.125	1.875	1.015	1.523	2.250	5.000	1 1/4 - 12	3.125	21°	1.688	1.813	.562	70060	3.15

* UNF-3B = Female Thread per MIL-S-7742 Rev. D.
 ** Load ratings are for rod ends without lubrication fittings.
 ◇ Based on pin limitation.

NHBB P/N

