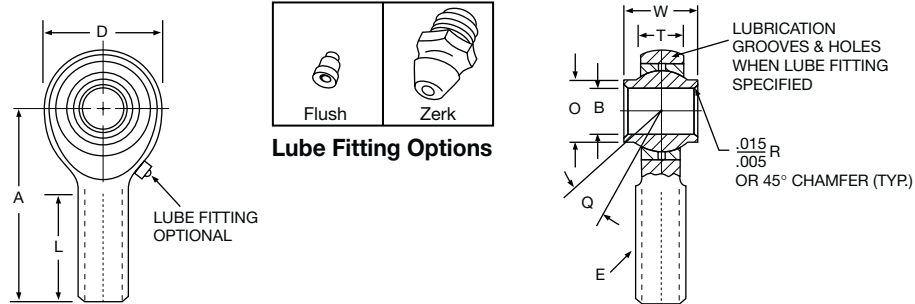


ROD END BEARINGS – Metal-to-Metal

3-Piece High Misalignment – Male 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	Limit Static Radial Load**	Weight
	Inch +.0000 -.0005	Inch Max.	Inch +.000	Inch +.005 -.005	Inch Ref. -.005	Inch Ref.	Inch +.06 -.06	UNF - 3A* UNF - 3B*	Inch +.06 -.06	Ref.	lbs.	lbs. Ref.
ARY3	.1900	.781	.560	.337	.301	.531	1.562	5/16 - 24	1.000	16°	4060 \diamond	.07
ARY3-101	.1900	.750	.500	.220	.319	.437	1.500	5/16 - 24	1.000	15°	4060 \diamond	.07
ARY4	.2500	1.000	.593	.265	.390	.593	1.938	3/8 - 24	1.250	23°	7040 \diamond	.11
ARY5	.3125	1.125	.813	.355	.512	.781	2.125	7/16 - 20	1.375	23°	8260	.16
ARY5-101	.3125	.875	.625	.265	.418	.593	1.875	5/16 - 24	1.062	16°	5290	.09
ARY 6	.3750	1.125	.813	.355	.512	.781	2.125	7/16 - 20	1.375	23°	8260	.15
ARY7	.4375	1.312	.875	.355	.618	.875	2.437	1/2 - 20	1.500	22°	12420	.25
ARY8	.5000	1.500	.937	.411	.730	1.000	2.625	5/8 - 18	1.625	20°	17430	.39
ARY10	.6250	1.750	1.200	.577	.856	1.250	2.875	3/4 - 16	1.750	20°	23620	.62
ARY12	.7500	2.000	1.280	.630	.970	1.375	3.375	7/8 - 14	1.875	18°	30550	.90
ARY14	.8750	2.200	1.400	.635	1.140	1.531	3.750	7/8 - 14	2.000	18° 30'	31970	1.08
ARY16	1.0000	2.750	1.875	.845	1.278	1.875	4.125	1 1/4 - 12	2.125	21°	59510	2.20
ARY20	1.2500	3.125	1.875	1.015	1.523	2.250	5.000	1 1/4 - 12	2.875	21°	70060	3.10

* UNF-3A = Male Thread, per MIL-S-7742 Rev. D.

** Load ratings are for rod ends without lubrication fittings.

\diamond Based on pin limitation.

Notes:

- Radial Clearance: .002 max.
- † Plating: When specified in materials block, ball spherical diameter and ends are hard chrome plated per AMS-QQ-C-320, CL. 2 (.0002 to .0005 thickness). All external surfaces of race and/or body are cadmium plated per AMS-QQ-P-416.
- Dimensions: All dimensions apply after plating.
- Options: Radial clearance, lubrication holes and groove in ball, lubrication fittings, dry film lubrication, keyways, left hand or AS8879 threads see page 43.

Materials

Part No.	Ball	Race	Body
Catalog No.†	52100 Alloy Steel, H.T., Chrome Plated Rc59-63	Aluminum Bronze, (AMPCO® 15), Cadmium Plated	4130 Alloy Steel, H.T., Cadmium Plated
Catalog No. + S†	"	4130 Alloy Steel, H.T., Cadmium Plated	"
Catalog No. + SS†	"	CRES 17-4PH AMS5643	CRES 17-4PH AMS5643
Catalog No. + CR†	CRES 440C AMS5630	"	"
Catalog No. + CRP†	CRES 440C, AMS5630 Chrome Plated	"	"

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