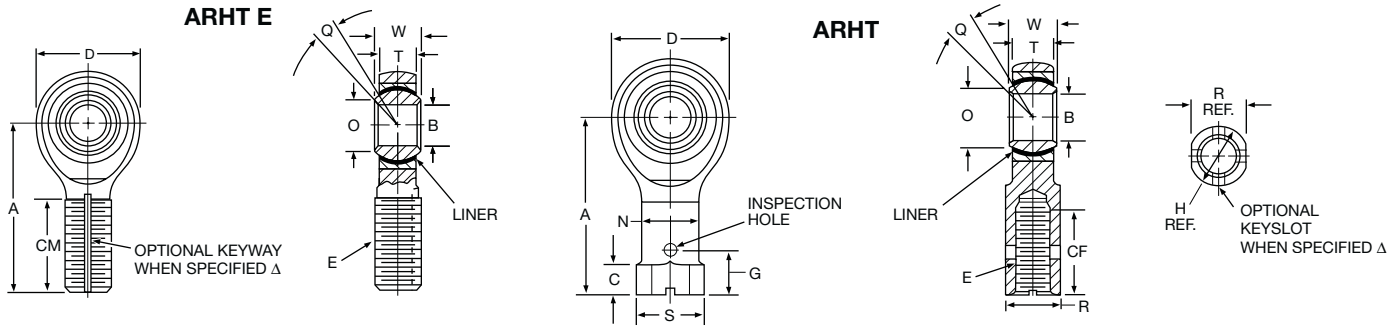


ROD END BEARINGS – Self-Lubricating

3-Piece Heavy Duty – Male & Female Threads



Δ For keyway and keyslot details, refer to the engineering section, pages 68-69.

Part Number	(B) Bore Diameter	(D) Head Diameter	(W) Ball Width	(T) Body Width	(O) Ball Diameter	(A) Flat Diameter	(E) Ball C/L to End	(Q) Thread Size	(CM) Mis-alignment	(CF) Thread Length	(G) Thread Depth	(N) Inspection Hole Dimension	(S) Shank Diameter	(C) Flange Diameter	(R) Flange Thickness	(R) Wrench Flat	No Load Rotational Breakaway Torque	Limit Static Radial Load	Axial Static Proof Load	Weight
	Inch +.0000 -.0005	Inch +.010 -.010	Inch +.000 -.002	Inch +.005 -.005	Inch Ref.	Inch Ref.	Inch +.010 -.010	UNF - 3A* UNF - 3B*	Ref.	Inch +.031 -.031	Inch Min.	Inch Ref.	Inch +.010 -.010	Inch Ref.	Inch +.062 -.010	Inch +.002 -.010	Inch - lbs.	lbs.	lbs.	lbs. Ref.
ARHT4E ARHT4	.2500	.806	.375	.337	.531	.375	1.562	5/16 - 24	5°	.968	.750	.375	.485	.562	.188	.500	.5 - 6	6060	1000	.067 .084
ARHT5E ARHT5	.3125	.900	.437	.327	.593	.401	1.875	3/8 - 24	14°	1.187	.875	.437	.547	.625	.250	.562	1 - 10	7290	1100	.095 .102
ARHT6E ARHT6	.3750	1.025	.500	.416	.687	.471	1.938	7/16 - 20	9°	1.187	1.000	.500	.610	.687	.250	.625	1 - 10	8870	1660	.140 .160
ARHT7E ARHT7	.4375	1.150	.562	.452	.781	.542	2.125	1/2 - 20	10°	1.281	1.125	.562	.735	.875	.250	.750	1 - 10	9560	1850	.210 .230
ARHT8E ARHT8	.5000	1.337	.625	.515	.875	.612	2.438	5/8 - 18	9°	1.468	1.250	.687	.860	1.000	.250	.875	1 - 10	18560	2040	.330 .340
ARHT10E ARHT10	.6250	1.525	.750	.577	1.062	.752	2.625	3/4 - 16	12°	1.562	1.375	.812	.985	1.125	.375	1.000	1 - 10	20610	2430	.480 .490
ARHT12E ARHT12	.7500	1.775	.875	.640	1.250	.892	2.875	7/8 - 14	13°	1.687	1.625	.937	1.110	1.250	.375	1.125	1 - 10	27640	2810	.730 .740

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

Notes:

- †Plating: When specified in materials block, body cadmium plated all surfaces per AMS-QQ-P-416.
- Dimensions: Dimensions apply after plating.
- Temperature: Operating temperature range -65° to 350°F (ADY only).
- Qualifications: Liner is approved to MIL-B-8942 Rev. A (ARHT series only).
- Options:
 - For left hand threads, add "L" to prefix. (Examples: ARHTL4E or ARHTL4)
 - For Keyway or keyslot options add suffix "W" to part number.
 - For "J" form threads per AS8879, add suffix "J" to part number. (Examples: ARHT10EJW or ARHT10JW)

Materials (ARHT)

Designation	Ball	Race	Liner	Body
Basic† Part No.	CRES 440C AMS 5630 Rc55-62	Stainless Steel, H.T.††	TEFLON® Fabric Bonded to Race I.D.	C.M. Steel H.T., Cadmium Plated
No. + CR	CRES 440C AMS 5630	Stainless Steel, H.T.†† Rc55-62	TEFLON® Fabric Bonded to Race I.D.	CRES 17-4PH AMS 5643 H.T

† Stainless Steel Series may be ordered to NHBB Part Number as indicated.

†† Part No. designation as shown furnished with CRES 410 race material. To specify CRES 17-4PH race material, add suffix "H" to designation. Examples: ARHT8ECRH or ARHT8CRH. TEFLON® is a Du Pont registered trademark