



# ARHT-E, ARHT

Rod End Bearings - Self-Lubricating  
3 Piece, Heavy Duty, Male & Female

Plating: When specified in materials block, body Cadmium plated all surfaces per AMS-QQ-P-416, Type I, Class 2.

Dimensions: Dimensions apply after plating.

Option: 1. For left hand threads add "L" to prefix. Examples: ARHTL4E or ARHTL4.

2. For keyway or keyslot options, add suffix "W" to part number.

3. For "J" from threads per AS8879, add suffix "J" to part number. Examples: ARHT10EJW or ARHT10JW.

4. To specify CRES 17-4PH race material, add suffix "H" to designation.

Examples: ARHT8ECRH or ARHT8CRH.

Notes: UNF-3A = Male, UNF-3B = Female

## MATERIALS

Part No.	Ball	Race	Liner	Body
Basic No.	CRES 440C, 55-62 HRC	CRES 410 Heat Treated	*Teflon/Fabric Permanently Bonded to race I.D.	C.M. STL, Heat Treated Cad. Plated
No. + CR	CRES 440C 55-62 HRC	CRES 410 Heat Treated	*Teflon/Fabric Permanently Bonded to race I.D.	CRES 17-4PH, Heat Treated

NMB Part Number	(B) Bore Diameter		(D) Head Diameter		(W) Ball Width		(H) Body Width		(O) Ball Diameter		(O) Shoulder Diameter		(F) Ball C/L to End		(E) Thread Size	(Q) Misalign-ment
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm		
	+0.000	+0.000	+0.010	+0.25	+0.000	+0.00	+0.005	+0.13	Ref.	Ref.	Ref.	Ref.	+0.010	-0.25	UNF-3A	
ARHT4E ARHT4	.2500	6.350	.806	20.47	.375	9.52	.337	8.56	.531	13.49	.375	9.52	1.562	39.67	5/16-24	5°
ARHT5E ARHT5	.3125	7.938	.900	22.86	.437	11.10	.327	8.31	.593	15.06	.401	10.18	1.875	47.62	3/8-24	14°
ARHT6E ARHT6	.3750	9.525	1.025	26.04	.500	12.70	.416	10.57	.687	17.45	.471	11.96	1.938	49.23	7/16-20	9°
ARHT7E ARHT7	.4375	11.112	1.150	29.21	.562	14.27	.452	11.48	.781	19.84	.542	13.77	2.125	53.98	1/2-20	10°
ARHT8E ARHT8	.5000	12.700	1.337	33.96	.625	15.88	.515	13.08	.875	22.22	.612	15.54	2.438	61.93	5/8-18	9°
ARHT10E ARHT10	.6250	15.875	1.525	38.74	.750	19.05	.577	14.66	1.062	26.97	.752	19.10	2.625	66.68	3/4-16	12°
ARHT12E ARHT12	.7500	19.050	1.775	45.08	.875	22.22	.640	16.26	1.250	31.75	.892	22.66	2.875	73.02	7/8-14	13°

\* A trade name of E.I. duPont de Nemours & Co., Inc.