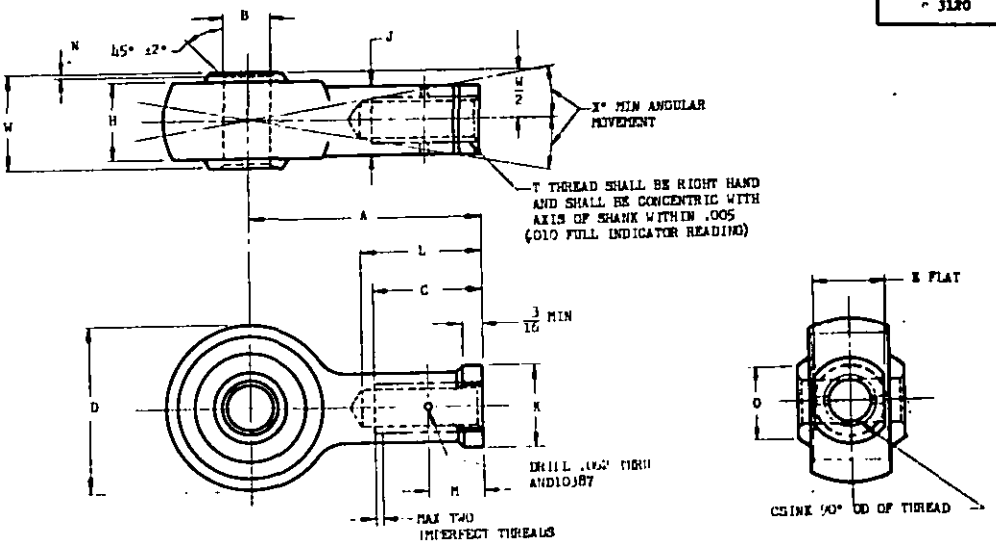
(PROJECT NO. 3120-0368)

3120



ENGINEERING DATA

AN PART NO.	RADIAL TEST LOADS LBS NON-DEFORMATION (b) LOAD	RADIAL TEST LOADS LBS ULTIMATE	AXIAL TEST LOADS LBS NON-DEFORMATION (b) LOAD	AXIAL TEST LOADS LBS ULTIMATE
AN943-3	660	1 300	460	920
AN943-4	1100	2 200	760	1520
AN943-5	2100	4 200	1480	2960
AN943-6	3200	6 400	2240	4430
AN943-8	4500	9 000	3160	6320
AN943-10	5700	11 400	4000	8000

AN PART NO.	BORE SIZE NOM.	A ±.031	B +.0000 -.0005 DIA	C +.062 -.031	D MAX DIA	E +.002 -.003	H MAX	J +.003 -.010 DIA	K +.000 -.005 DIA	L ±.010	M ±.031	(a) N +.015 -.000	O MIN DIA	T THREAD NF-3	W +.000 -.005	X° MIN
AN943-3	NO. 10	1.375	.1895	.688	.781	.375	.328	.370	.438	.813	.312	.010	.312	1/4 -28	.437	9°15'
AN943-4	1/4	1.375	.2495	.688	.938	.438	.468	.433	.500	.813	.312	.022	.375	5/16-24	.625	10°30'
AN943-5	5/16	1.625	.3120	.750	1.250	.438	.656	.433	.500	.875	.375	.022	.469	5/16-24	.812	11°30'
AN943-6	3/8	2.000	.3745	.938	1.500	.562	.750	.557	.656	1.063	.438	.022	.562	3/8 -24	.937	10°15'
AN943-8	1/2	2.375	.4995	1.125	1.750	.750	.812	.745	.875	1.250	.562	.032	.750	1/2 -20	1.000	9° 0'
AN943-10	5/8	2.750	.6245	1.375	2.000	.875	.937	.870	1.031	1.500	.688	.044	.938	5/8 -18	1.125	10°30'

(a) A RADIUS GIVING THE SAME FILLET CLEARANCE WILL BE ACCEPTABLE.

(b) APPLY LOAD FOR ONE MINUTE.

MATERIAL: STEEL; SEE PROCUREMENT SPECIFICATION.

FINISH: CADMIUM PLATE; SPECIFICATION QQ-P-416 OR ZINC PLATE SPECIFICATION AN-P-32. SEE PROCUREMENT SPECIFICATION.

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS ±.005.

Ⓐ INACTIVE FOR DESIGN AFTER 14 MAY 71 NO SUPERSEDING STD.
(SEE MIL-STD-32)

APPROVED 28 Feb 50 REVISED Ⓐ 14 MAY 71

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN943
MIL-B-5629	BEARING – ROD END, INTERNAL THREAD, SELF-ALIGNING, PLAIN, AIRFRAME	

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