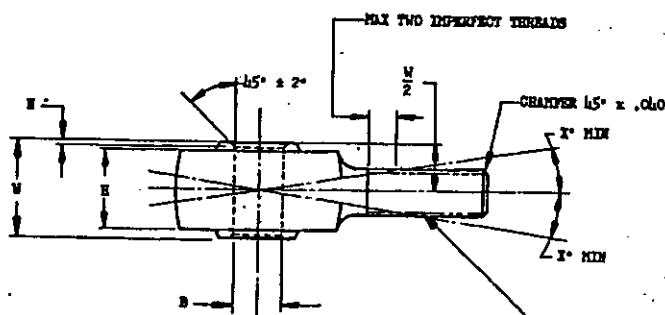
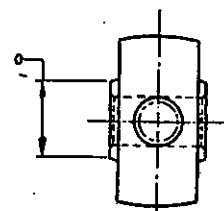
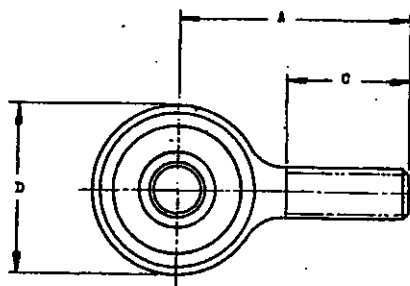


(PROJECT NO. 5120-0349)

FED SUP CLASS
3120



- THREAD 1 THREADS SHALL BE RIGHT HAND AND SHALL BE CONCENTRIC WITH AXIS OF THE SHANK WITHIN .005 (.010 FULL INDICATOR READING)



AN PART NO.	BORE SIZE NOM.	A + .001 - .000	B + .0020 - .0000 DIA	C + .002 - .001	D MAX DIA	B MAX	(A) W + .005 - .000	O MIN DIA	THREAD T HF-3	W + .000 - .005	I* MIN
AN947-3	NO. 10	1.375	.1895	.750	.781	.328	.010	.312	1/4 -28	.437	9° 15'
AN947-4	3/4	1.375	.2895	.750	.938	.468	.022	.375	5/16 -24	.625	10° 30'
AN947-5	5/16	1.625	.3120	.812	1.250	.656	.022	.469	5/16 -24	.612	11° 30'
AN947-6	3/8	2.000	.3745	1.062	1.500	.750	.022	.562	3/8 -24	.937	10° 15'
AN947-8	1/2	2.375	.4995	1.250	1.750	.812	.032	.750	1/2 -20	1.000	9° 0'
AN947-10	5/8	2.750	.6245	1.500	2.000	.937	.044	.938	5/8 -18	1.125	10° 30'

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

ENGINEERING DATA				
AN PART NO.	RADIAL TEST LOADS		AXIAL TEST LOADS	
	(b) NONDEFORMATION LOAD POUNDS	ULTIMATE POUNDS	(b) NONDEFORMATION LOAD POUNDS	ULTIMATE POUNDS
AN947-3	650	1 300	460	920
AN947-4	1100	2 200	760	1520
AN947-5	2100	4 200	1480	2960
AN947-6	3200	6 400	2240	4480
AN947-8	4500	9 000	3160	6320
AN947-10	5700	11 400	4 000	8000

① INACTIVE FOR DESIGN AFTER 14 MAY 73 NO SUPERSEDING STD.

(D) 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 BURS AND SHARP EDGES.

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

PROCUREMENT SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

BEARING - ROD END, EXTERNAL THREAD,
SELF-ALIGNING, PLAIN, AIRFRAME

AN947

NOTICE: When Government Securities, stockpiles, or other data are used for any purpose other than in connection with a publicly related Government program, the United States Government thereby loses its responsibility for any religious viewpoint; and the fact that the Government has been represented, provided, or in any way supplied the said findings, stockpiles, or other data is not to be regarded by implication or otherwise as an endorsement of the views or conclusions of any other person or corporation, or as carrying any right or permission to manufacture, sell, or use any product or information that may in any way be related thereto.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force Navy standard for this period. The drawing represents all standard standard drawings for the same period and shall be used for the procurement of replacement supplies, or for use in new design, not later than 6 months after the latest date of approval shown.

APPROVED 28 FEB 50 REVISED (A) 14 MAY 71