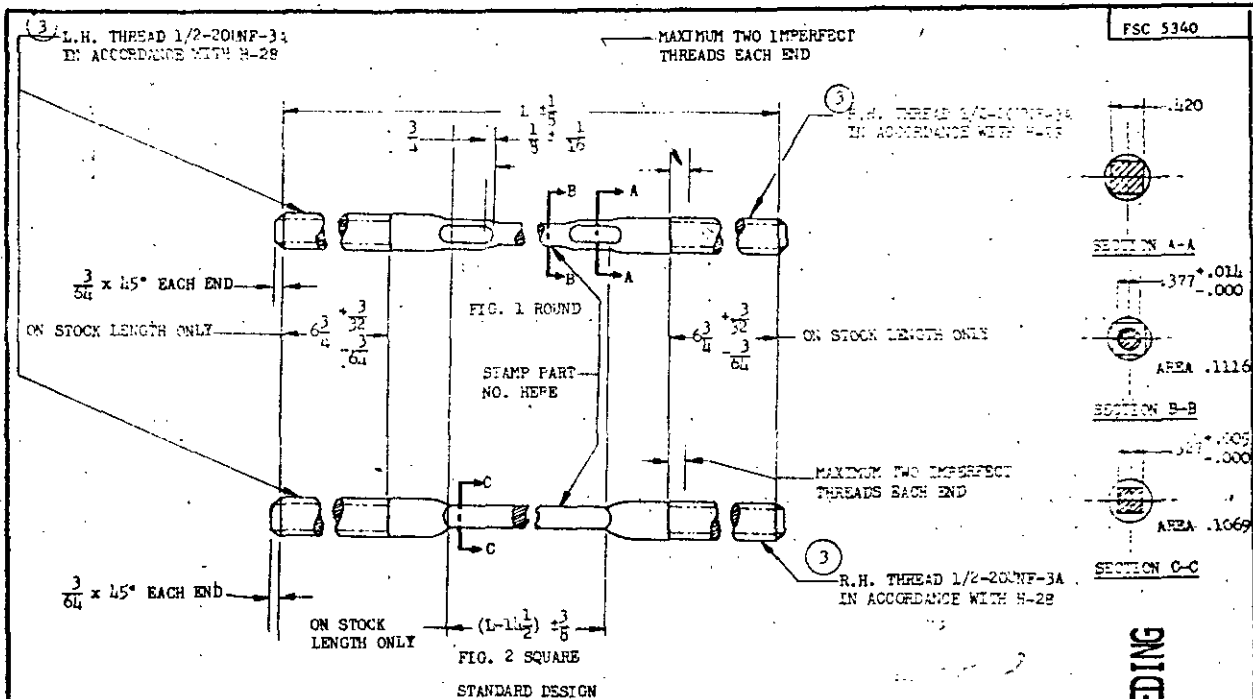
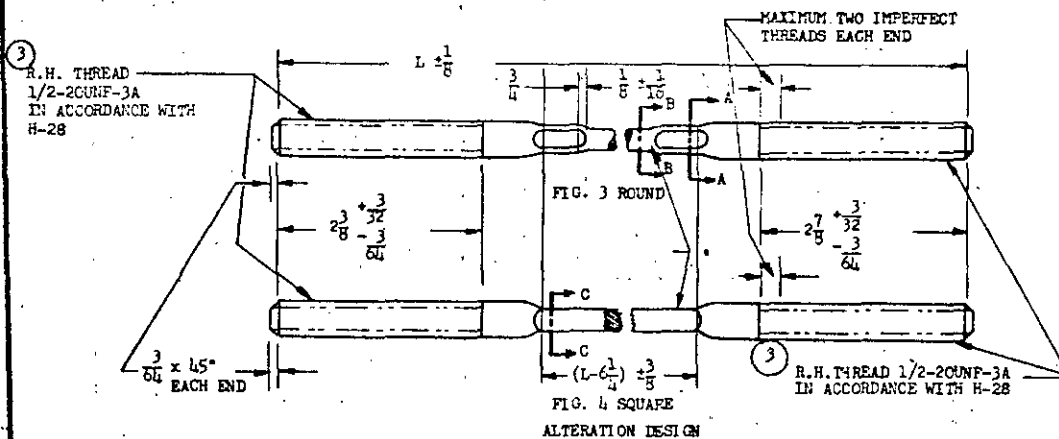


NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner endorsing the holder or any other person or corporation, or conveying any right or privilege in manufacture, use, or sale of any product or process that may in any way be related thereto.

NOTE: This drawing was approved by Joint Chiefs of Staff and Navy Department as the Air Force-Navy standard for this product. The drawing represents an standard standard drawing for the same product and shall be used for the procurement of replacement supplies, or for use in new design, and have that a month after the latest date of approval shown.



DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L	DASH NO.	L
24	24	60	60	96	96	132	132	168	168	204	204	240	240	276	276	312	312	348	348
33	33	69	69	105	105	141	141	177	177	213	213	249	249	285	285	321	321	357	357
42	42	78	78	114	114	150	150	186	186	222	222	258	258	294	294	330	330	366	366
51	51	87	87	123	123	159	159	195	195	231	231	267	267	303	303	339	339	375	375



MATERIAL: CARBON STEEL. CORROSION RESISTING STEEL. SEE PROCUREMENT SPECIFICATION.

FINISH: CADMIUM PLATE, QQ-P-416, TYPE II, CLASS 3.

THREAD: MINIMUM THREAD FOR RIGID TERMINAL AND LOCK NUT 2-3/8.

AIRPLANE MANUFACTURERS ARE PERMITTED TO INSTALL RODS WITH MINIMUM LENGTH OF THREADS AS INITIATED IN ALTERNATE DESIGN, ON AIRPLANES SUPPLIED ON GOVERNMENT ORDERS.

LENGTH "L" SHALL BE THE NEAREST 25/100, AS 1825, 1850, 1875, 19, 1925 TO FIT, FIGURING 50% TAKE UP AND 50% LET OUT. TO FIND ROD LENGTH SUBTRACT 2-7/8 FROM LENGTH BETWEEN PIN CENTERS OF ASSEMBLY.

CUT OFF EQUAL AMOUNT FROM EACH END OF STANDARD DESIGN STOCK SIZES FOR INTERMEDIATE LENGTHS.

PART NO. SHALL INDICATE THE EXACT LENGTH OF ROD WITH LETTER "A" AFTER BASIC NO. FOR THE ALTERNATE DESIGN.

RODS OF THE STANDARD DESIGN, WHICH WILL BE USED FOR REPLACEMENT PURPOSES, WILL BEAR THE SAME NO. AS THOSE OF THE ALTERNATE DESIGN, WITHOUT THE LETTER "A".

FOR CORROSION RESISTING STEEL RODS INSERT "C" BEFORE DASH NO.

EXAMPLE OF PART NOS.: AN708A3050 = 1/2-20 ROD, 30-1/2 INCH LONG, ALTERNATE DESIGN, CARBON STEEL.

AN708-3050 = 1/2-20 ROD, 30-1/2 INCH LONG, STANDARD DESIGN, CARBON STEEL.

AN708C3050 = 1/2-20 ROD, 30-1/2 INCH LONG, STANDARD DESIGN, CORROSION RESISTING STEEL.

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ON FRACTIONS ±1/64, DECIMALS ±.010, ANGLES ±1/2°.

PROCUREMENT
SPECIFICATION
MIL-T-5684

AIR FORCE-NAVY AERONAUTICAL STANDARD

TIE ROD—INTERNAL 15,500 LB (1/2-20)

AN708

SUPERSEDES FORMER ARMY AND NAVY
STANDARD ISSUES OF AN708

CANCELED AFTER 6 AUG 82 NO SUPERSEDING
STANDARD.

6 AUG 82

15 JUN 66

8 MAY 51

21 JUN 43

3 SEP 12

REVISED

APPROVED