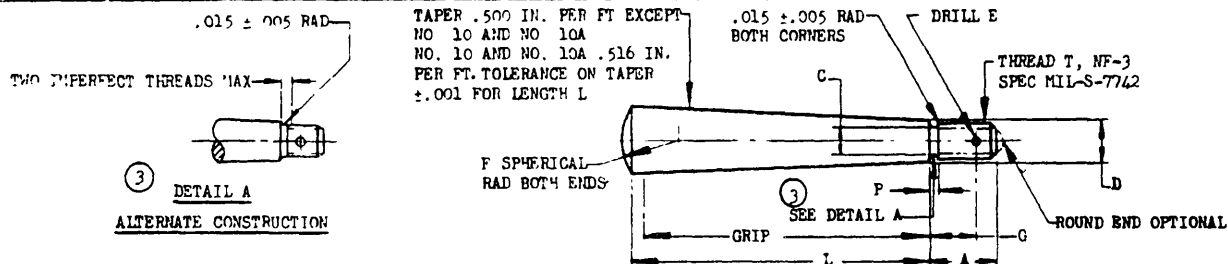


NAVAIR 1080A (Rev. 8-31)



FIRST DASH NO.	1	2	3	4	5	6	7	8	9	10	10A
THREAD T	10-32	10-32	1/4-28	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	7/8-14
A	7/16	7/16	29/64	33/64	35/64	35/64	19/32	21/32	47/64	51/64	51/64
C ±.005	.141	.141	.196	.250	.313	.360	.422	.482	.660	.773	.773
D ±.002	.205	.255	.317	.355	.455	.505	.605	.755	.905	1.050	1.153
E	NO. 50 (.070)	NO. 50 (.070)	NO. 48 (.076)	NO. 48 (.076)	NO. 36 (.106)	NO. 36 (.106)	NO. 36 (.106)	NO. 28 (.141)	NO. 28 (.141)	NO. 28 (.141)	NO. 28 (.141)
F	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1-1/4	1-1/4
G	5/16	5/16	21/64	21/64	23/64	23/64	13/32	15/32	35/64	39/64	39/64
P	3/64	3/64	3/64	1/16	1/16	1/16	1/16	5/64	3/32	3/32	3/32

ENGINEERING INFORMATION

NUT	AN320-3	AN320-3	AN320-4	AN320-5	AN320-6	AN320-7	AN320-8	AN320-9	AN320-12	AN320-14	AN320-14
(a) WASHER	AN975-3	AN975-3	AN975-4	AN975-5	AN975-6	AN975-7	AN975-8	AN975-9	AN975-12	AN975-14	AN975-14
COTTER	AN380-2-2	AN380-2-2	AN380-2-2	AN380-2-2	AN380-3-3	AN380-3-3	AN380-3-3	AN380-4-4	AN380-4-5	AN380-4-5	AN380-4-5
SELF	AN364	AN364	AN364	AN364	AN364	AN364	AN364	AN364	AN364	AN364	AN364
LOCK NUT	-1032	-1032	-428	-524	-624	-720	-820	-918	-1216	-1414	-1414

1 ST DASH NUMBER	2 ND DASH NUMBER	GRIP	1	2	3	4	5	6	7	8	9	10	10A
C.P. HOLE NO HOLE			L = GRIP +1/8			L = GRIP +3/16			L = GRIP +1/4				
6	6A	3/4											
7	7A	7/8											
8	8A	1											
9	9A	1-1/8											
10	10A	1-1/4											
11	11A	1-3/8											
12	12A	1-1/2											
13	13A	1-5/8											
14	14A	1-3/4											
15	15A	1-7/8											
16	16A	2											
17	17A	2-1/8											
18	18A	2-1/4											
19	19A	2-3/8											
20	20A	2-1/2											
21	21A	2-5/8											
22	22A	2-3/4											
23	23A	2-7/8											
24	24A	3											
25	25A	3-1/8											
26	26A	3-1/4											
27	27A	3-3/8											
28	28A	3-1/2											
29	29A	3-5/8											
30	30A	3-3/4											
31	31A	3-7/8											
32	32A	4											
34	34A	4-1/4											
36	36A	4-1/2											
38	38A	4-3/4											
40	40A	5											
42	42A	5-1/4											
44	44A	5-1/2											
46	46A	5-3/4											
48	48A	6											

DO NOT SPECIFY PINS LONGER THAN THOSE LISTED BETWEEN HEAVY LINES. LISTINGS COVER FULL RANGE OBTAINABLE FROM STANDARD B & S TAPER REAMERS THE NUMBERS OF WHICH ARE INDICATED BY THE FIRST DASH NUMBER. NO 10A REQUIRES NO 10 REAMER.

(a) WASHER USED WITH BOTH TYPES OF NUTS.

MATERIAL STEEL, SPEC AN-S-9, AN-QQ-S-689, MIL-S-6049, MIL-S-6050, MIL-S-6098, OR MIL-S-6758, TENSILE STRENGTH 125,000 TO 145,000 PSI.

FINISH CADMIUM PLATE, SPEC QQ-P-416, TYPE I, CLASS C.

EXAMPLE OF PART NUMBER AN386-1-8 = PIN NO. 1 TAPER 8/8 OR 1 IN. GRIP WITH COTTER PIN HOLE.

AN386-1-8A = PIN NO. 1 TAPER 8/8 OR 1 IN. GRIP WITHOUT COTTER PIN HOLE.

THE FOLLOWING INSTRUCTION SHALL BE PLACED ON DRAWINGS IMMEDIATELY FOLLOWING THE PIN NUMBER: "SMALL END OF TAPERED SHANK SHALL NOT EXTEND MORE THAN 1/16 IN. ABOVE SURFACE OF WORK."

TAPERED SURFACE SHALL BE SMOOTH AND FREE FROM TOOL MARKS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64.

PROCUREMENT
SPECIFICATION

NONE

AIR FORCE-NAVY AERONAUTICAL STANDARD

PIN - THREADED TAPER

AN386

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with the procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and it is not to be regarded by implication or otherwise as in any manner endorsing the product or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention 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 product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies or for use in new design, not later than 6 months after the latest date of approval shown.

APPROVED 1 Dec 43 REVISED 1 28 Mar 44 2 11 Jul 45 3 23 Feb 54

NOTICE
OF VALIDATION

INCH-POUND

AN386 Rev 3
NOTICE 1
10 June 1994

MILITARY SPECIFICATION

PIN & THREADED TAPER

AN386 Rev 3 dated 23-FEB-54 has been reviewed and determined to be valid for use in acquisition.

Custodians:

Air Force - 99
Army - AV
Navy - AS

Preparing activity:
DLA-IS

AMSC N/A

FSC 5315

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