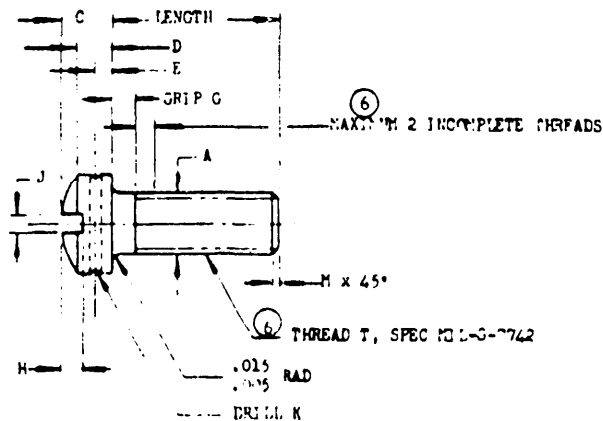


4. General
 (a) Government drawings, specifications, or other data are used for any purpose other than in connection with the procurement of supplies or services under a contract with the Department of Defense, and the Department of Defense is not to be held responsible for any such use.
 (b) The Department of Defense is not to be held responsible for any such use.
 (c) The Department of Defense is not to be held responsible for any such use.
 (d) The Department of Defense is not to be held responsible for any such use.

5. General
 (a) Government drawings, specifications, or other data are used for any purpose other than in connection with the procurement of supplies or services under a contract with the Department of Defense, and the Department of Defense is not to be held responsible for any such use.
 (b) The Department of Defense is not to be held responsible for any such use.
 (c) The Department of Defense is not to be held responsible for any such use.
 (d) The Department of Defense is not to be held responsible for any such use.

MARK WITH RAISED OR
 RECESSED X. ONLY ONE X
 NEED BE VISIBLE AFTER
 SLOTTING.
 POSITION OPTIONAL

SEE NOTE (a)



⑥		⑥										⑥		⑥		⑥		⑥		⑥	
THREAD T		A MAX DIA		B DIA		C		D		(c) E REF		GRIP G		H		J		K DRILL +.004 -.001		M MAX	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NO. 6-40 UNF-3A		.132	.126	.120	.112	.112	.111	.106	.103	.063	.031	.063	.031	.063	.031	.063	.031	.063	.031	.063	.031
NO. 8-36 UNF-3A		.164	.156	.148	.146	.146	.141	.113	.104	.063	.031	.063	.031	.063	.031	.063	.031	.063	.031	.063	.031
NO. 10-32 UNF-3A		.190	.183	.175	.180	.165	.164	.130	.123	.063	.031	.063	.031	.075	.064	.060	.050	.046	.031	.046	.031
1/4-28 UNF-3A		.250	.244	.239	.237	.219	.219	.170	.161	.062	.028	.062	.028	.102	.087	.075	.064	.062	.031	.062	.031
5/16-24 UNF-3A		.3125	.308	.299	.295	.276	.276	.211	.201	.078	.036	.078	.036	.130	.110	.084	.072	.070	.047	.070	.047

LENGTH		DASH NUMBERS				
		NO. 6-40	NO. 8-36	NO. 10-32	1/4-28	5/16-24
1/8	+0 -1/32	6-2	8-2			
1/4		6-4	8-4	1-4		
3/8	-1/32	6-6	8-6	1-6	416-6	
1/2		6-8	8-8	1-8	416-8	
5/8	-1/16		8-10	1-10	416-10	
3/4			8-12	1-12	416-12	516-12
7/8	-1/16		8-14	1-14	416-14	516-14
1			8-16	1-16	416-16	516-16
1-1/8	+0 -1/16			1-18	416-18	516-18
1-1/4				1-20	416-20	516-20
1-3/8	-1/16			1-22	416-22	516-22
1-1/2				1-24	416-24	516-24
1-5/8	-1/16			1-26	416-26	516-26
1-3/4					416-28	516-28
1-7/8	-1/16				416-30	516-30
2					416-32	516-32

- (a) DRILLED HOLE TO BE ON CENTER APPROXIMATELY AT RIGHT ANGLES TO THE SLOT BUT MUST NOT BREAK THROUGH THE BASE OR TOP (SPHERICAL PORTION) OF THE HEAD.

(b) SIZES NO. 6-40 AND NO. 8-36 INACTIVE FOR DESIGN AFTER 12 MAY 1950.

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337

(c) REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT AN INSPECTION REQUIREMENT.

MATERIAL: STEEL, SPEC AN-S-9, MIL-S-6050, OR OTHER STEEL MEETING THE SAME PHYSICAL REQUIREMENTS.

HEAT TREAT: 125,000 TO 145,000 PSI TENSILE STRENGTH, SPEC MIL-H-6875.

FINISH: CADMIUM PLATE, SPEC QQ-P-416, TYPE 1, CLASS C.

EXAMPLE OF PART NO.: AN502-10-10 = NO. 10-32 SCREW, 5/8 INCH LONG.

SCREWS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS OR SLIVERS WHICH MIGHT BECOME DILATED UNDER USAGE.

DIMENSIONS IN INCHES.

(6)

PROCUREMENT
 SPECIFICATION
 MIL-S-7839

AIR FORCE-NAVY AERONAUTICAL STANDARD

SCREW - MACHINE, DRILLED FILLISTER
 HEAD, FINE THREAD

AN502

APPROVED 15 May 51 REVISED 1 10 Aug 43 2 30 Jun 45 3 23 Jan 46 4 12 May 50 5 5 June 51 6 11 May 53