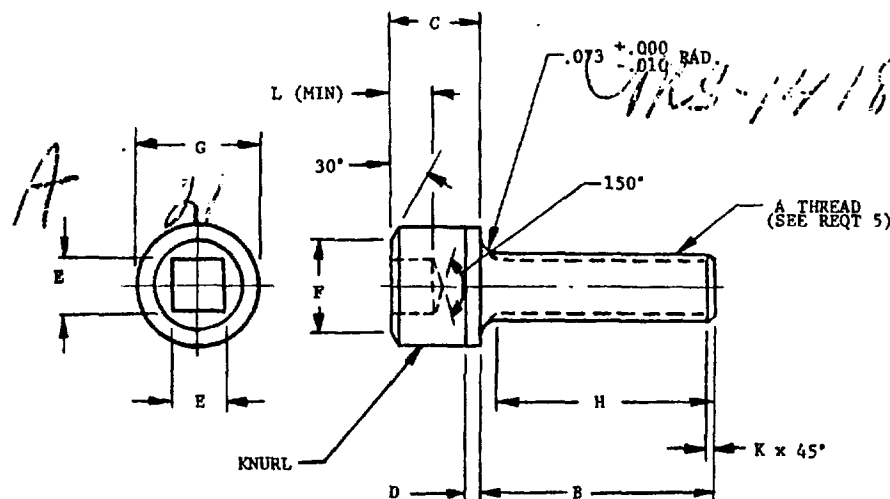


4/10/83

FED. SUP CLASS
5305

INCHES	mm
.010	0.25
.055	1.39
.073	1.85
.093	2.36
.187	4.74
.210	5.33
.333	8.45
.375	9.52
.500	12.70
.687	17.44
.750	19.05
.875	22.25
1.000	25.40
1.312	33.32
1.500	38.10
3.000	76.20

REQUIREMENTS:

1. MATERIAL: STEEL, CHROME-NICKEL-MOLYBDENUM (E4340) BAR AND FORGING STOCK IN ACCORDANCE WITH MIL-S-5000 OR MIL-S-6049.
2. HARDNESS: ROCKWELL C36-40
3. FINISH: NICKEL PLATING .0004 - .0006 IN ACCORDANCE WITH AMS 2424 AND TOP WITH CADMIUM PLATING .0004 - .0006 IN ACCORDANCE WITH QQ-P-416, TYPE II. TOTAL THICKNESS .0008 - .0012
4. MAGNETIC PARTICLE INSPECTION: THE WET OR DRY PROCESS WITH EITHER FLUORESCENT OR NON-FLUORESCENT PARTICLES SHALL BE USED. NO CRACKS WILL BE ALLOWED.
5. THREAD: UNJC-3A SHALL HAVE SINGLE ELEMENT GAUGING IN ACCORDANCE WITH MIL-S-8879, METHOD B. UNC-3A SHALL HAVE SINGLE ELEMENT GAUGING IN ACCORDANCE WITH MIL-S-7742, METHOD A.

DASH NO.	A THREAD	B	C	D	E		F DIA	G DIA	H	K	L MIN
					MAX	MIN					
1	.6250-11UNC-3A	.875	.500	.093	.505	.500	.875	1.000	.687	.055	.210
2	.500-13UNC-3A	1.000	.333	.093	.379	.375	.687	.750	.812	.055	.187
3	.500-13UNC-3A	1.000	.500	.093	.379	.375	.687	.750	.812	.055	.210
4	.6250-11UNC-3A	3.000	.500	.093	.505	.500	.875	1.000	1.500	.055	.210
5	.6250-11UNC-3A	1.500	.500	.093	.505	.500	.875	1.000	1.312	.055	.210

NOTES:

1. DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS $\pm .010$, ANGLE $\pm 1/2^\circ$
2. DIMENSIONS TO BE MET AFTER PLATING.
3. METRIC EQUIVALENT (TO NEAREST .01 mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.40 mm.
4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

This military standard is approved by NAVAL AIR SYSTEMS COMMAND, Department of the Navy and shall be used by that activity. All other military activities are required to comply with standard when applicable.

P.A. NAVY - AS Other Cust	TITLE SCREW, CAP, SOCKET HEAD, SQUARE 160 KSI, UTS	MILITARY STANDARD MS14188(AS)
PROCUREMENT SPECIFICATION MIL-B-8906	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT NO. 5305-N010

PLATE NO. 22071

APPROVED 18 AUGUST 1978/REVISED