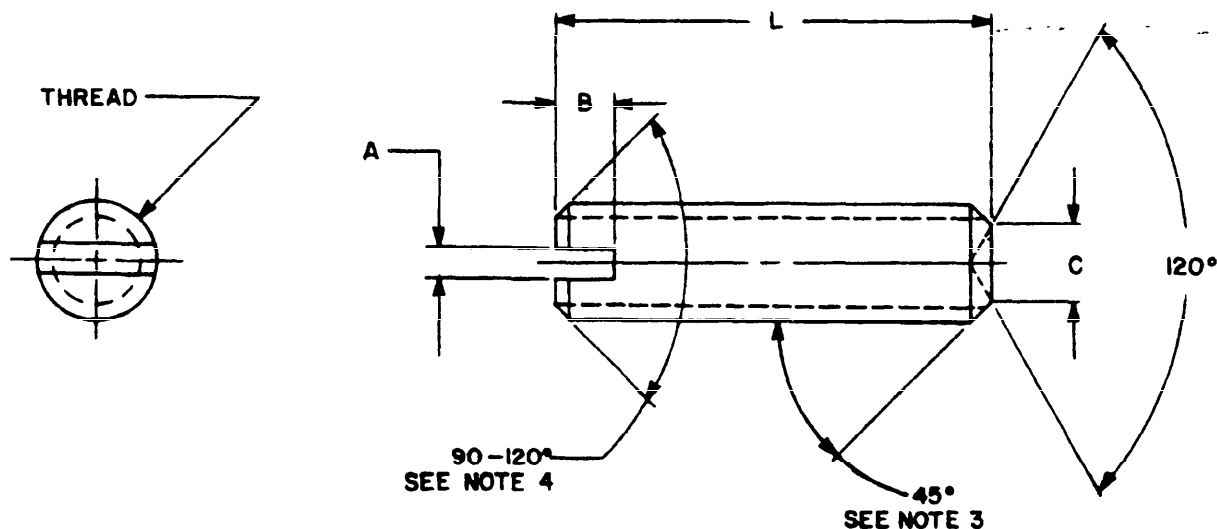


FED SUP CLASS
5305

User acf

ARMY - CE, ER, ME
NAVY - MC, OS, SH

Review activities:

ARMY - AV, MI
DLA - IS
NSA - NS

REQUIREMENTS.

1. MATERIAL. STEEL, LOW OR MEDIUM CARBON IN ACCORDANCE WITH FF-S-210.
2. FINISH. CADMIUM PLATE IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 3 (5.1 μ m THICK).
3. THREADS. IN ACCORDANCE WITH FED-STD-H28/21, TOLERANCE CLASS - 6g, BEFORE PLATING
4. HARDNESS. 30-37HRC OR SURFACE HARDENED TO 64HR30N, MINIMUM.
5. PART NUMBER. THE PART NUMBER CONSISTS OF THE DS NUMBER PLUS THE DASH NUMBER. EXAMPLE: DS51410-1

NOTES:

1. DIMENSIONS. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (mm).
2. TOLERANCES. ANGLES $\pm 5^\circ$ UNLESS OTHERWISE SPECIFIED
3. THE 45° ANGLE APPLIES ONLY TO THE PORTION OF THE POINT BELOW THE ROOT DIAMETER OF THE THREAD.
4. CHAMFER ON FACE SHALL EXTEND SLIGHTLY BELOW THE THREAD ROOT. THE EDGE BETWEEN THE FACE AND CHAMFER MAY BE SLIGHTLY ROUNDED.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED
6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document, when applicable.

P. A.	AR	International interest	TITLE	MILITARY STANDARD
Other Code	99		SETScrew, SLOTTED HEADLESS, CUP POINT, CARBON STEEL, CADMIUM PLATED, METRIC	DS51410
PROCUREMENT SPECIFICATION			SUPERSEDES:	PAGE 1 OF 2
FF-S-210				

DD FORM 672-1 (Continued)
1 MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5305-1425

METRIC

APPROVED 28 APRIL 1982 REVISED

FED. SUP. CLASS
5305

User activities:

ARMY - CE, ER, ME
NAVY - MC, OS, SH

Review activities:

ARMY - AV, MI
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NSA - NS

Thread designation			M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1	M8x1.25	M10x1.5
C	max...		0.80	1.00	1.20	1.40	2.00	2.50	3.00	5.00	6.00
	min...		0.55	0.75	0.95	1.15	1.75	2.25	2.75	4.70	5.70
A	min..		0.31	0.31	0.45	0.45	0.65	0.85	1.05	1.25	1.65
	max..		0.45	0.45	0.60	0.60	0.80	1.00	1.20	1.51	1.91
B	min...		0.88	1.00	1.10	1.25	1.75	2.00	2.50	3.10	3.75
	max...		1.05	1.20	1.33	1.50	2.05	2.35	2.90	3.60	4.25
L			Dash numbers								
nom	min	max									
2.0	1.7	2.3	-1	-8							
2.5	2.2	2.8	-2	-9	-16						
3.0	2.7	3.3	-3	-10	-17	-24					
4.0	3.7	4.3	-4	-11	-18	-25	-33				
5.0	4.7	5.3	-5	-12	-19	-26	-34	-42			
6.0	5.7	6.3	-6	-13	-20	-27	-35	-43	-51		
8.0	7.7	8.3	-7	-14	-21	-28	-36	-44	-52	-60	
10.0	9.7	10.3		-15	-22	-29	-37	-45	-53	-61	-70
12.0	11.7	12.3			-23	-30	-38	-46	-54	-62	-71
14.0	13.5	14.5				-31	-39	-47	-55	-63	-72
16.0	15.5	16.5				-32	-40	-48	-56	-64	-73
20.0	19.5	20.5					-41	-49	-57	-65	-74
25.0	24.5	25.5						-50	-58	-66	-75
30.0	29.5	30.5							-59	-67	-76
35.0	34.5	35.5								-68	-77
40.0	39.5	40.5								-69	-78
45.0	44.5	45.5									-79
50.0	49.5	50.5									-80

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 this document, when applicable.

P. A. - AR	International Intersect	TITLE	MILITARY STANDAR
Other Spec. 99		SETScrew, SLOTTED HEADLESS, CUP POINT, CARBON STEEL, CADMIUM PLATED, METRIC	DS51410
PROCUREMENT SPECIFICATION	SUPERSEDES		PAGE 2 OF 2
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DD FORM 672-1 (Coordinated)
1 MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

METRIC

APPROVED 26 APRIL 1982 REVISED