

FED. SUP CLASS
5305

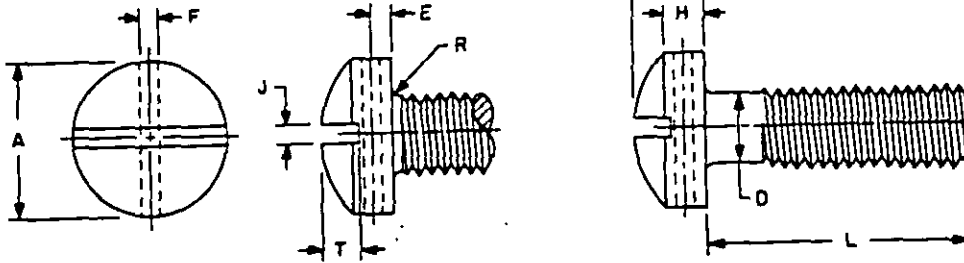


TABLE 1

NOMINAL SIZE		.086	.112	.138	.164	.190	.250	.3125	.375
THREADS PER INCH, UNC-2A		56	40	32	32	24	20	18	16
D BODY DIAMETER	MAX	.0860	.1120	.1380	.1640	.1900	.2500	.3125	.3750
	MIN	.0717	.0925	.1141	.1399	.1586	.2127	.2712	.3287
A HEAD DIAMETER	MAX	.140	.183	.226	.270	.313	.414	.518	.622
	MIN	.124	.166	.208	.250	.292	.389	.490	.590
H HEAD SIDE HEIGHT	MAX	.062	.079	.096	.113	.130	.170	.211	.253
	MIN	.055	.072	.089	.106	.123	.161	.201	.242
O TOTAL HEAD HEIGHT	MAX	.083	.107	.132	.156	.180	.237	.295	.355
	MIN	.070	.094	.118	.141	.165	.219	.276	.333
J SLOT WIDTH	MAX	.031	.039	.048	.054	.060	.075	.084	.094
	MIN	.023	.031	.039	.043	.050	.064	.072	.081
T SLOT DEPTH	MAX	.030	.038	.045	.065	.075	.102	.130	.154
	MIN	.022	.030	.035	.054	.064	.087	.110	.134
E DRILL LOCATION	NOM	.026	.035	.043	.043	.043	.062	.078	.094
F DRILLED HOLE DIA	NOM	.031	.037	.046	.046	.046	.062	.070	.070
R RADIUS	MAX	.013	.017	.021	.025	.028	.038	.047	.056
TENSILE STRENGTH, LBS-MIN (C)		220	360	540	840	1,050	1,900	3,140	4,650
L LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
.12	+.00	1	11	24	39	58	76	92	
.19		2	12	25	40				
.25		3	13	26	41				
.31		4	14	27	42				
.38	-.03	5	15	28	43	61	77	93	107
.44		6	16	29	44	62	78	94	
.50		7	17	30	45	63	79	95	
.62		8	18	31	46	64	80	96	
.75		9	19	32	47	65	81	97	109
.88		10	20	33	48	66	82	98	110
1.00			21	34	49	67	83	99	111
1.25		+.00	22	35	50	68	84	100	112
1.50			23	36	51	69	85	101	113
1.75	-.06			37	52	70	86	102	114
2.00				38	53	71	87	103	115
2.25	+.00			54	72	88	104	116	
2.50				55	73	89	105	117	
2.75		-.09			56	74	90	106	118
3.00					57	75	91	107	119

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.

REVIEWER: AV, EL, IS
USER: AS, AT, MC, ME, MU, OS, SH, WV, YD

(C) FOR CHANGES SEE SHEETS 1 AND 2.

P.A. WC Other Case 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, UNC-2A	MILITARY STANDARD MS 35265
PROCUREMENT SPECIFICATION FF-S-92	SUPERSEDES See note 10	SHEET 1 OF 3

APPROVED 9 FEB 1934 REVISED (A) 15 JUN 1962 (B) 12 NOV 1964 (C) 6 MAR 1974

NOTES:

- 1. MATERIAL: Carbon steel in accordance with Fed. Std. No. 66. The minimum ultimate tensile strength shall be 60,000 PSI.
- 2. PROTECTIVE COATING: Cadmium plated in accordance with QQ-P-416, Type II, Class J.
- 3. THREADS: The threads shall be in accordance with Screw-Thread Standards For Federal Services, Handbook H28.
- 4. DIMENSIONS: All dimensions in Table I are in inches. All dimensions in Table II are in millimetres.
- 5. PART NUMBER: The MS part number consists of the MS number, plus the dash number. Example: MS35265-1.
- 6. THREAD LENGTH: Full form threads shall extend to within 2 threads or less of head bearing surface for lengths thru 2.00 inches/50.80 millimetres. Longer lengths shall have a minimum full form thread length of 1.50 inches/38.10 millimetres.
- 7. The drilled hole shall be approximately at a right angle to the slot and may be permitted to break through the bottom of the slot. All burrs and sharp edges shall be removed.
- 8. Referenced documents shall be of the issue in effect on date of invitations for bid.
- 9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- 10. SUPERSEDES: MS35263, MS35267, MS35269, BCCX1, BCCX2, BCFX1, BCFX1.4, BCFX2, BCFX2.1, BCFX2.4, BCFX8 and in part AN500, MS35361, MS35366, BCFX5 and BCFX7.

REVISOR: AV, EL, IS
USER: AS, AT, MC, ME, MU, OS, SH, SW, YD

TABLE II
METRIC TRANSLATION OF TABLE I

NOMINAL SIZE		2.18	2.84	3.51	4.17	4.83	6.35	7.94	9.52
THREAD PITCH		.45	.64	.79	.79	1.06	1.27	1.41	1.59
D BODY DIAMETER	MAX	2.18	2.84	3.51	4.17	4.83	6.35	7.94	9.52
	MIN	1.32	2.35	2.90	3.55	4.03	5.40	6.89	8.35
A HEAD DIAMETER	MAX	3.56	4.65	5.74	6.86	7.95	10.52	13.16	15.80
	MIN	3.15	4.22	5.28	6.35	7.42	9.88	12.43	14.99
H HEAD SIDE HEIGHT	MAX	1.57	2.01	2.44	2.87	3.30	4.32	5.36	6.43
	MIN	1.40	1.83	2.26	2.69	3.12	4.09	5.11	6.15
O TOTAL HEAD HEIGHT	MAX	2.11	2.72	3.35	3.96	4.57	6.02	7.49	9.02
	MIN	1.78	2.39	3.00	3.58	4.19	5.56	7.01	8.46
J SLOT WIDTH	MAX	.79	.99	1.22	1.37	1.52	1.90	2.13	2.39
	MIN	.58	.79	.99	1.14	1.27	1.63	1.83	2.06
T SLOT DEPTH	MAX	.76	.97	1.14	1.65	1.90	2.59	3.30	3.91
	MIN	.56	.76	.89	1.37	1.63	2.21	2.79	3.40
E DRILL LOCATION	NOM	.66	.89	1.09	1.09	1.09	1.57	1.98	2.39
F DRILLED HOLE DIA	NOM	.79	.94	1.17	1.17	1.17	1.57	1.78	1.78
R RADIUS	MAX	.33	.43	.53	.64	.71	.97	1.19	1.42
L LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
3.05	+.00 -.76	1	11	24	39				
4.93		2	12	25	40	58			
6.35		3	13	26	41	59			
7.67		4	14	27	42	60	76		
9.65	+.00 -.76	5	15	28	43	61	77	92	
11.16		6	16	29	44	62	78	93	
12.70		7	17	30	45	63	79	94	107
15.75		8	18	31	46	64	80	95	108
19.05	+.00 -1.52	9	19	32	47	65	81	96	109
22.35		10	20	33	48	66	82	97	110
25.40			21	34	49	67	83	98	111
			22	35	50	68	84	99	112
31.75	+.00 -1.52		36	51	69	85	100	113	
38.10			37	52	70	86	101	114	
44.45			38	53	71	87	102	115	
50.80									
57.15	+.00 -2.29			54	72	88	103	116	
63.50				55	73	89	104	117	
69.85				56	74	90	105	118	
76.20				57	75	91	106	119	

APPROVED 9 FEB 1954 REVISED (A) 15 JUN 1962 (B) 12 NOV 1964 (C) FOR CHANGES SEE SHEETS 1 AND 2.

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.

P.A. 50	TITLE	MILITARY STANDARD
Other Cont 32	SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, UNC-2A	MS 35265
PROCUREMENT SPECIFICATION FF-S-92	SUPERSEDES See note 10	SHEET 2 OF 3

INTERCHANGEABILITY

Screws covered by dash numbers given in MS35263, MS35267, MS35269 and in part AN500 are canceled after 12 November 1964. The canceled screws cannot always replace the new screws and should be used until existing stocks are depleted. Use only the new screws for new design and replacement. Replacement shall be in accordance with Table III.

TABLE III

PART NUMBER			PART NUMBER			PART NUMBER		
CANCELED		SUPERSEDED BY	CANCELED		SUPERSEDED BY	CANCELED		SUPERSEDED BY
MS35263 MS35267 MS35269	AN500	MS35265	MS35263 MS35267 MS35269	AN500	MS35265	MS35263 MS35267 MS35269	AN500	MS35265
1		1	40		40	82	A416-14	82
2	A2-3	2	41	AB-4	41	83	A416-16	83
3	A2-4	3	42	AB-5	42		A416-18	NR
4	A2-5	4	43	AB-6	43	84	A416-20	84
5	A2-6	5	44	AB-7	44		A416-22	NR
6	A2-7	6	45	AB-8	45	85	A416-24	85
7	A2-8	7	46	AB-10	46	86	A416-28	86
8	A2-10	8	47	AB-12	47	87	A416-32	87
9	A2-12	9	48	AB-14	48	88		88
10		10	49	AB-16	49	89	A416-40	89
	A3-3	NR		AB-18	NR	90		90
	THRU	NR	50	AB-20	50	91	A416-48	91
	A3-12	NR		AB-22	NR	92	A516-6	92
11		11	51	AB-24	51	93	A516-7	93
12	A4-3	12	52	AB-28	52	94	A516-8	94
13	A4-4	13	53	AB-32	53	95	A516-10	95
14	A4-5	14	54		54	96	A516-12	96
15	A4-6	15	55		55	97	A516-14	97
16	A4-7	16	56		56	98	A516-16	98
17	A4-8	17	57		57		A516-18	NR
18	A4-10	18	58		58	99	A516-20	99
19	A4-12	19	59	A10-4	59		A516-22	NR
20		20	60	A10-5	60	100	A516-24	100
21		21	61	A10-6	61	101	A516-28	101
22		22	62	A10-7	62	102	A516-32	102
23		23	63	A10-8	63	103		103
	A5-3	NR	64	A10-10	64	104	A516-40	104
	THRU	NR	65	A10-12	65	105		105
	A5-12	NR	66	A10-14	66	106	A516-48	106
24		24	67	A10-16	67		A516-6	NR
25	A6-3	25		A10-18	NR		A616-7	NR
26	A6-4	26	68	A10-20	68	107	A616-8	107
27	A6-5	27		A10-22	NR	108	A616-10	108
28	A6-6	28	69	A10-24	69	109	A616-12	109
29	A6-7	29	70	A10-28	70	110	A616-14	110
30	A6-8	30	71	A10-32	71	111	A616-16	111
31	A6-10	31	72		72		A616-18	NR
32	A6-12	32	73	A10-40	73	112	A616-20	112
33	A6-14	33	74		74		A616-22	NR
34	A6-16	34	75	A10-48	75	113	A616-24	113
35	A6-18	NR	76		76	114	A616-28	114
	A6-20	NR	77	A416-6	77	115	A616-32	115
	A6-22	NR	78	A416-7	78	116		116
36	A6-24	16	79	A416-8	79	117	A616-40	117
37	A6-28	37	80	A416-10	80	118		118
38	A6-32	38	81	A416-12	81	119	A616-48	119
39		39						

NR - No Replacement

REVIEWER: AV, EL, IS
USER: AS, AT, MC

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.

APPROVED 9 FEB 1954 REVISED (A) 15 JUN 1962 (B) 12 NOV 1964 (C) FOR CHANGES SEE SHEETS 1 AND 2.

P.A. WC Other Code 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, UNC-2A	MILITARY STANDARD MS 35265
PROCUREMENT SPECIFICATION PP-5-92	SUPERSEDES: See note 10	SHEET 3 OF 3

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

OMB Approval
No. 22-R255

INSTRUCTIONS: The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. *Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.*

DOCUMENT IDENTIFIER AND TITLE **MS35265 Rev C, Screw, Machine-Drilled Fillister Head, Slotted, Carbon Steel, UNC-2A**

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

DIRECT GOVERNMENT CONTRACT SUBCONTRACT

1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID

3. IS THE DOCUMENT RESTRICTIVE?

YES NO (If "Yes", in what way?)

4. REMARKS

SUBMITTED BY (Printed or typed name and address - Optional)

TELEPHONE NO.

DATE

DD FORM 1426
1 JAN 72

REPLACES EDITION OF 1 JAN 66 WHICH MAY BE USED