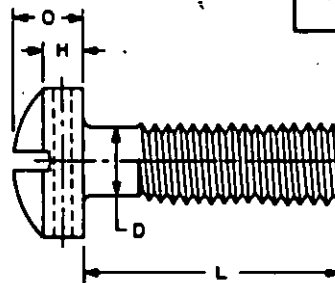
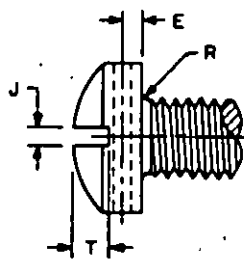
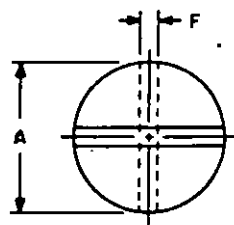


REVIEWER: AV, EL, IS
 USER: AS, AT, MC, ME, MU, OS, SH, WV, YD



FED. SUP CLASS
 5305

TABLE I

NOMINAL SIZE		.086	.112	.138	.164	.190	.250	.3125	.375
THREADS PER INCH, UNF-2A		64	48	40	36	32	28	24	24
D BODY DIAMETER	MAX MIN	.0860 .0733	.1120 .0954	.1380 .1184	.1640 .1424	.1900 .1658	.2500 .2225	.3125 .2806	.3750 .3430
A HEAD DIAMETER	MAX MIN	.140 .124	.183 .166	.226 .208	.270 .250	.313 .292	.414 .389	.518 .490	.622 .590
H HEAD SIDE HEIGHT	MAX MIN	.062 .055	.079 .072	.096 .089	.113 .106	.130 .123	.170 .161	.211 .201	.253 .242
O TOTAL HEAD HEIGHT	MAX MIN	.083 .070	.107 .094	.132 .118	.156 .141	.180 .165	.237 .219	.295 .276	.355 .333
J SLOT WIDTH	MAX MIN	.031 .023	.039 .031	.048 .039	.054 .045	.060 .050	.075 .064	.084 .072	.094 .081
T SLOT DEPTH	MAX MIN	.030 .022	.038 .030	.045 .035	.065 .054	.075 .064	.102 .087	.130 .110	.154 .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)		230	390	600	880	1,200	2,180	3,480	5,250
L LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
.12		1	11	24	39				
.19		2	12	25	40	58			
.25		3	13	26	41	59			
.31		4	14	27	42	60	76		
.38	+.00 -.03	5	15	28	43	61	77	92	
.44		6	16	29	44	62	78	93	
.50		7	17	30	45	63	79	94	107
.62		8	18	31	46	64	80	95	108
.75		9	19	32	47	65	81	96	109
.88		10	20	33	48	66	82	97	110
1.00			21	34	49	67	83	98	111
1.25			22	35	50	68	84	99	112
1.50	+.00 -.06		23	36	51	69	85	100	113
1.75				37	52	70	86	101	114
2.00				38	53	71	87	102	115
2.25					54	72	88	103	116
2.50	+.00 -.09				55	73	89	104	117
2.75					56	74	90	105	118
3.00					57	75	91	106	119

(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. VC Other Case 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, UNF-2A	MILITARY STANDARD MS35266
PROCUREMENT SPECIFICATION FF-5-92	SUPERSEDES: See note 10	SHEET 1 OF 3

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 9 FEB 1954 REVISED (A) 15 JUN 1962 (B) 12 NOV 1964 (C) 6 MAR 1974

REVISED: AV, EL, IS
USED: AS, AT, MC, ME, MU, OS, SH, VV, YD

PRO. SUP CLASS
5305

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 3.
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: MS35266-1.
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. MS35264, MS35268, MS35270, BCCX1.2, BCCX1.3, BCCX1.5, BCCX1.9, BCCX2 and in part AN501, MS35361, MS35366, BCFX3, BCFX7 and BCMX2.

(C) TABLE II
METRIC TRANSLATION OF TABLE I

NOMINAL SIZE		2.18	2.54	3.51	4.17	4.83	6.35	7.94	9.52
THREAD PITCH		.40	.53	.64	.71	.79	.91	1.06	1.06
D BODY DIAMETER	MAX MIN	2.18 1.86	2.54 2.42	3.51 3.01	4.17 3.62	4.83 4.21	6.35 5.63	7.94 7.13	9.52 8.71
A HEAD DIAMETER	MAX MIN	3.56 3.15	4.65 4.22	5.74 5.28	6.86 6.35	7.95 7.42	10.52 9.88	13.16 12.45	15.80 14.99
H HEAD SIDE HEIGHT	MAX MIN	1.57 1.40	2.01 1.83	2.44 2.26	2.87 2.69	3.30 3.12	4.32 4.09	5.36 5.11	6.43 6.15
O TOTAL HEAD HEIGHT	MAX MIN	2.11 1.78	2.72 2.39	3.35 3.00	3.96 3.58	4.57 4.19	6.02 5.56	7.49 7.01	9.02 8.46
J SLOT WIDTH	MAX MIN	.79 .58	.99 .79	1.22 .99	1.37 1.14	1.52 1.27	1.90 1.63	2.13 1.83	2.39 2.06
T SLOT DEPTH	MAX MIN	.76 .56	.97 .76	1.14 .99	1.63 1.37	1.90 1.63	2.59 2.21	3.30 2.79	3.91 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	.43	.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 4.83 6.35 7.87	+.00 -.76	1 2 3 4	11 12 13 14	24 25 26 27	39 40 41 42	58 59 60	76		
9.65 11.18 12.70 15.75		5 6 7 8	15 16 17 18	28 29 30 31	43 44 45 46	61 62 63 64	77 78 79 80	92 93 94 95	107 108
19.05 22.35 25.40		9 10	19 20 21	32 33 34	47 48 49	65 66 67	81 82 83	96 97 98	109 110 111
31.75 38.10 44.45 50.80		+.00 -1.52		22 23	35 36 37 38	50 51 52 53	68 69 70 71	84 85 86 87	99 100 101 102
57.15 63.50 69.85 76.20	+.00 -2.29					54 55 56 57	72 73 74 75	88 89 90 91	103 104 105 106

APPROVED 9 FEB 1954 REVISED 15 JUN 1962 (B) 12 NOV 1984 (C) FOR CHANGES SEE SHEET 1 AND 2.

P.A. VC Other Case 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, CARBON STEEL, UNF-2A	MILITARY STANDARD MS35266
PROCUREMENT SPECIFICATION FF-S-92	SUPERSIDES: See note 10	SHEET 2 OF 3

DD FORM 672-1 (Continued)

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.

FED. SUP CLASS
5305

INTERCHANGEABILITY

Screws covered by dash numbers given in MS35264, MS35268, MS35270 and in part AN501 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
MS35264 MS35268 MS35270	MS35266	MS35264 MS35268 MS35270	AN501	MS35266	MS35264 MS35268 MS35270	AN501 MS35266
1	1	44		44		NR
2	2	45		45	84	84
3	3	46		46		NR
4	4	47		47	85	85
5	5	48		48	86	86
6	6	49		49	87	87
7	7	50		50	88	88
8	8	51		51	89	89
9	9	52		52	90	90
10	10	53		53	91	91
11	11	54		54	92	92
12	12	55		55	93	93
13	13	56		56	94	94
14	14	57		57	95	95
15	15	58		58	96	96
16	16	59	A10-4	59	97	97
17	17	60	A10-5	60	98	98
18	18	61	A10-6	61	99	99
19	19	62	A10-7	62		NR
20	20	63	A10-8	63		NR
21	21	64	A10-10	64	100	100
22	22	65	A10-12	65	101	101
23	23	66	A10-14	66	102	102
24	24	67	A10-16	67	103	103
25	25		A10-18	NR	104	104
26	26	68	A10-20	68	105	105
27	27		A10-22	NR	106	106
28	28	69	A10-24	69	107	107
29	29	70	A10-28	70	108	108
30	30	71	A10-32	71	109	109
31	31	72		72	110	110
32	32	73	A10-40	73	111	111
33	33	74		74		NR
34	34	75	A10-48	75	112	112
35	35	76	A416-5	76		NR
36	36	77	A416-6	77	113	113
37	37	78	A416-7	78	114	114
38	38	79	A416-8	79	115	115
39	39	80	A416-10	80	116	116
40	40	81	A416-12	81	117	117
41	41	82	A416-14	82	118	118
42	42	83	A416-16	83	119	119
43	43					

NR - No Replacement

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, VV, YD

P.A. VC
Other Code 92

TITLE

SCREW, MACHINE-DRILLED FILLISTER HEAD,
SLOTTED, CARBON STEEL, UNF-2A

MILITARY STANDARD

MS 35266

PROCUREMENT SPECIFICATION
FF-S-92

SUPERSEDES: See Note 10

SHEET 3 OF 3

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

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<p>DOCUMENT IDENTIFIER AND TITLE MS35266 Rev C, Screw, Machine-Drilled Fillister Head, Slotted, Carbon Steel, UNF-2A</p>			
<p>NAME OF ORGANIZATION AND ADDRESS</p>		<p>CONTRACT NUMBER</p>	
		<p>MATERIAL PROCURED UNDER A</p> <p><input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT</p>	
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