

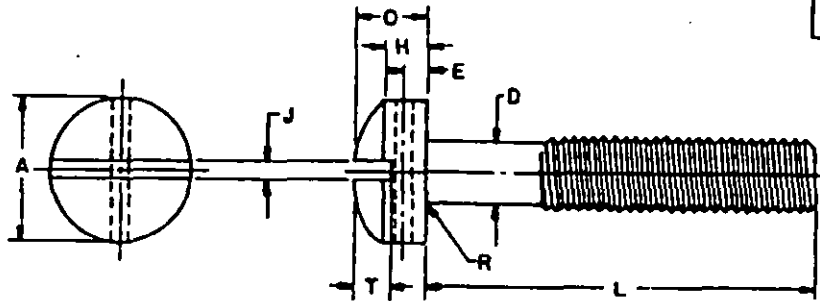
FED. SUP CLASS  
5305

TABLE I

NOMINAL SIZE	(#2)	(#4)	(#6)	(#8)	(#10)	(1/4)	(5/16)	(3/8)
THREADS PER INCH, UNC-2A	56	40	32	32	24	20	18	16
D BODY DIAMETER	MAX MIN	.0860 .0717	.1120 .0925	.1380 .1141	.1640 .1399	.1900 .1586	.2500 .2127	.3135 .2712
A HEAD DIAMETER	MAX MIN	.140 .124	.183 .166	.226 .208	.270 .250	.313 .292	.414 .389	.518 .490
H HEAD SIDE HEIGHT	MAX MIN	.062 .055	.079 .072	.096 .089	.113 .106	.130 .123	.170 .161	.211 .201
O TOTAL HEAD HEIGHT	MAX MIN	.083 .070	.107 .094	.132 .118	.156 .141	.180 .165	.237 .219	.295 .276
J SLOT WIDTH	MAX MIN	.031 .023	.039 .031	.048 .039	.054 .045	.060 .050	.075 .064	.084 .072
T SLOT DEPTH	MAX MIN	.030 .022	.038 .030	.045 .035	.065 .054	.075 .064	.102 .087	.130 .110
E DRILL LOCATION	NOM	.026	.035	.043	.043	.043	.062	.078
DRILLED HOLE SIZE	NOM	.031	.037	.046	.046	.046	.062	.070
R RADIUS	MAX	.013	.017	.021	.025	.029	.038	.047
TENSILE STRENGTH, LB-MIN		210	340	520	800	1000	1610	2950
L LENGTH	TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
.125		1	11	24	39			
.188		2	12	25	40			
.250		3	13	26	41	58		
.312		4	14	27	42	59		
						60	76	
.375		5	15	28	43	61	77	92
.438	+0	6	16	29	44	62	78	93
.500	-.031	7	17	30	45	63	79	94
.625		8	18	31	46	64	80	95
								107
.750		9	19	32	47	65	81	96
.875		10	20	33	48	66	82	97
1.000			21	34	49	67	83	98
1.250			22	35	50	68	84	99
								109
1.500			23	36	51	69	85	100
1.750	+0			37	52	70	86	101
2.000	-.062			38	53	71	87	102
2.250					54	72	88	103
								113
2.500					55	73	89	104
2.750	+0				56	74	90	105
3.000	-.094				57	75	91	106

(C) ENTIRE STANDARD REVISED

P.A. VC Other Case 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, BRASS, BLACK CHEMICAL FINISH, UNC-2A	MILITARY STANDARD MS35273
PROCUREMENT SPECIFICATION FF-S-92	SUPERSEDES: BMS271, BCP23, BCP24, BCP25 AND IN PART AMS30, BMS281, BMS282, AND BMS283.	SHEET 1 OF 4

APPROVED 8 FEB 1964. REVISED (A) 18 JUN 1962 (B) 29 JUL 1968 (C) 14 JUN 1979

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

REVIEW: EL, ME, EA, IR, AN, ME, AT  
USE: BY, CL, ML, VC, PA, BT, MC

FED. SUP CLASS  
5305

## NOTES:

1. **MATERIAL:** Brass, in accordance with QQ-B-626 or QQ-W-321 having minimum ultimate tensile strength of 57,000 PSI.
2. **PROTECTIVE COATING:** Black Chemical Finish in accordance with MIL-F-493.
3. **THREADS:** The threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H-28.
4. **THREAD LENGTHS:** Screws 2.00 inches long and shorter shall have complete threads extending to within two threads of the head, or closer if practicable. Longer screws shall have a minimum thread length of 1.50 inches.
5. **DIMENSIONS:** All dimensions are in inches unless otherwise specified.
6. **PART NUMBER:** The MS part number consists of the MS number, plus the dash number.  
Example: MS35273-1
7. Drilled hole is to be approximately at right angles to the slot and may be permitted to break through the bottom of the slot. All sharp edges shall be removed.
8. Referenced documents shall be of the issue in effect on date of invitation for bid.
9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

APPROVED 9 FEB 1954 REVISED (A) 18 JUN 1962 (B) 29 JUL 1965 (C) FOR CHANGES SEE SHEET 1.

P.A. WC Other Code 82	TITLE SCREW, MACHINE-DRILLED FILLISTER HEAD, SLOTTED, BRASS, BLACK CHEMICAL FINISH, UNC-2A	MILITARY STANDARD MS35273
PROCUREMENT SPECIFICATION FF-S-92	SUPERSEDES: BMS3527, BOPKS, BOPKS-1, BOPPM, AND CO IN PART, BMS3527, BMS3528 AND BOPM	SHEET 2 OF 4

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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, not previous.

REVIEW: EL, ME, EA, RA, PA, MM, AT  
UNCLASSIFIED, EXCEPT WHERE SHOWN OTHERWISE



