



REVIEWER: AV, IS, MI, NSA, 85, OS, SH
USER: AS, AT, GL, MC, ME, OS, SH

NOMINAL SIZE		2(.086)	4(.112)	6(.138)	8(.164)	10(.190)	1/4(.250)
THREADS PER INCH		32	24	20	18	16	14
A HEAD DIA	MAX MIN	.167 .155	.219 .205	.270 .256	.322 .306	.373 .357	.492 .473
H HEAD HEIGHT	MAX MIN	.062 .053	.080 .070	.097 .087	.115 .105	.133 .122	.175 .162
P POINT DIA	MAX MIN	.058 .054	.079 .074	.095 .089	.112 .106	.130 .123	.179 .171
L LENGTH	TOL.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
.125	+0 -.031	1	7	14	27	66	
.188		2		15		41	
.250		3		16			
.312		4					
.375	+0 -.047	5	10	17	29	42	54
.500			11	18	30	43	55
.625				19	31	44	56
.750				20	32	45	57
.875					21	33	46
1.000	+0 -.062			22	34	47	59
1.250				23	35	48	60
1.500				24	36	49	61
1.750					37	50	62
2.000				38	51	63	
2.250				39	52	64	
2.500				40	53	65	

NOTES:

- MATERIAL:** Steel, corrosion-resisting, in accordance with procurement specification.
- PROTECTIVE COATING:** Passivated in accordance with procurement specification.
- THREADS:** The threads shall be in accordance with the applicable requirements of the procurement specification.
- RECESS:** The recess shall be in accordance with MS9006.
- HOLE SIZES:** For approximate hole sizes see MS24632.
- DIMENSIONS:** All dimensions are in inches, unless otherwise specified.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.
Example: MS24622-1.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, the standard takes precedence over procurement documents referenced herein.
- For aeronautical applications, these screws are subject to AND10087 limitations and installation requirements.

**CANCELLED AFTER 15 MAY 1975
SUPERSEDED BY MS51861**

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For changes see sheet 1.

P.A. WC Other Cust 82	TITLE	SCREW, TAPPING - THREAD FORMING, TYPE B, PAN HEAD, CROSS-RECESSED, CORROSION-RESISTING STEEL	
		MILITARY STANDARD MS24622	
PROCUREMENT SPECIFICATION FF-S-107	SUPERSEDES:	MS24642, AN530 in part and BCXX5.3 in part	SHEET 1 OF 2

This military standard is mandatory 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 5 OCT 1959 REVISED (A) 7 JUN 1961 (B) 15 AUG 1963 (C) 27 AUG 1969 (D) 15 MAY 1975

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INTERCHANGEABILITY TABLE

The screws covered by the following dash numbers of MS24642 and AN530 are cancelled after the dates indicated on the documents. The cancelled screws cannot always replace the superseding screws and should be used until existing stocks are depleted. Use only the superseding screws for design and engineering. Replacement shall be in accordance with this table.

DASH NUMBERS							
CANCELLED			SUPERSEDING	CANCELLED			SUPERSEDING
MS24642	AN530		MS24622	MS24642	AN530		MS24622
1	--	--	1	--	C8-28	C8R28	37
2	C2-3	C2R3	2	--	C8-32	C8R32	38
3	C2-4	C2R4	3	--	C8-36	C8R36	39
4	--	--	4	--	C8-40	C8R40	40
5	--	--	5	46	--	--	66
10	--	--	7	47	--	--	41
11	C4-4	C4R4	8	48	C10-6	C10R6	42
12	--	--	9	49	C10-8	C10R8	43
13	C4-6	C4R6	10	50	C10-10	C10R10	44
14	C4-8	C4R8	11	51	C10-12	C10R12	45
21	--	--	14	52	C10-14	C10R14	46
22	C6-4	C6R4	15	53	C10-16	C10R16	47
23	--	--	16	54	C10-20	C10R20	48
24	C6-6	C6R6	17	55	C10-24	C10R24	49
25	C6-8	C6R8	18	56	C10-28	C10R28	50
26	C6-10	C6R10	19	57	C10-32	C10R32	51
27	C6-12	C6R12	20	--	C10-36	C10R36	52
--	C6-14	C6R14	21	--	C10-40	C10R40	53
--	C6-16	C6R16	22	60	--	--	54
--	C6-20	C6R20	23	61	--	--	55
--	C6-24	C6R24	24	62	C14-10	C14R10	56
34	--	--	27	63	C14-12	C14R12	57
35	--	--	28	64	C14-14	C14R14	58
36	C8-6	C8R6	29	65	C14-16	C14R16	59
37	C8-8	C8R8	30	66	C14-20	C14R20	60
38	C8-10	C8R10	31	67	C14-24	C14R24	61
39	C8-12	C8R12	32	68	C14-28	C14R28	62
40	C8-14	C8R14	33	69	C14-32	C14R32	63
41	C8-16	C8R16	34	--	C14-36	C14R36	64
42	C8-20	C8R20	35	--	C14-40	C14R40	65
--	C8-24	C8R24	36	--	--	--	--

ⓐ CANCELLED SEE SHEET I

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P.A. WC Other Cust 82	TITLE SCREW, TAPPING-THREAD FORMING, TYPE B, PAN HEAD, CROSS-RECESSED, CORROSION-RESISTING STEEL	MILITARY STANDARD MS 24622
PROCUREMENT SPECIFICATION FF-S-107	SUPERSEDES: MS24642, AN530 in part and BCXX5.3 in part	SHEET 2 OF