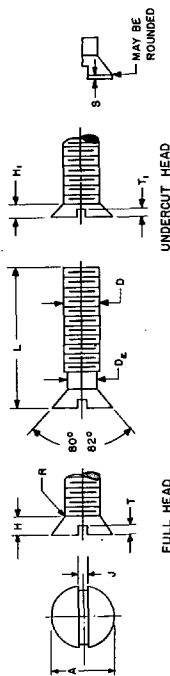


FED. SUP CLASS.
5305

This standard has been approved by the Naval Ship Engineering Center, Department of the Navy, and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.



PROJECT 5305-N024Sh

P.A. SHIPS Other Cust	TITLE SCREWS, MACHINE, FLAT COUNTERSUNK HEAD, SLOTTED, COPPER-SILICON ALLOY, UNC-2A, NONMAGNETIC	MILITARY STANDARD	
		MS16218(SHIPS)	
PROCUREMENT SPECIFICATION (B) FF-S-92	SUPERSEDES:	SHEET	OF
		1	2

NOMINAL SIZE NO. OR INCH	2 (0.086)	4 (0.112)	6 (0.138)	8 (0.164)	10 (0.190)	1/4
THREAD PER INCH	56NC	40NC	32NC	32NC	24NC	20UNC
BODY DIAMETER (De)	MAX. 0.0860 MIN. 0.0717	0.1120 0.0925	0.1380 0.1141	0.1640 0.1399	0.1900 0.1586	0.2500 0.2127
HEAD DIAMETER (A)	MAX. SHARP MIN. SHARP ABS. MIN.	.172 .207 .200	.279 .257 .249	.332 .308 .300	.385 .359 .348	.507 .477 .462
SLOT WIDTH (J)	MAX. MIN.	.031 .023	.039 .031	.048 .045	.060 .050	.075 .064
FLAT (S)	MAX.	.003	.004	.006	.007	.009
RADIUS (R)	MAX.	.036	.050	.063	.083	.100
FULL HEAD	HEAD HEIGHT (H) MIN.	.051 .040	.067 .055	.083 .069	.100 .084	.133 .131
	SLOT DEPTH (T) MIN.	.023 .015	.030 .020	.038 .024	.045 .034	.070 .046
UNDERCUT HEAD	HEAD HEIGHT (H1) MIN.	.037 .026	.048 .036	.060 .046	.071 .055	.108 .086
	SLOT DEPTH (T1) MIN.	.019 .015	.025 .020	.032 .024	.044 .034	.058 .046
LENGTH (L)	LENGTH TOLERANCE	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
1/8		8	18	31	46	--
3/16		9	19	32	47	--
1/4		10	20	33	48	--
5/16		11	21	34	49	83
3/8		12	22	35	50	84
7/16	+0 -1/32	13	23	36	51	85
1/2		14	24	37	52	86
5/8		15	25	38	53	87
3/4		16	26	39	54	88
7/8		17	27	40	55	89
1		--	28	41	56	90
1-1/4	+0 -1/16	--	29	42	57	91
1-1/2		--	30	43	58	92
1-3/4		--	--	44	59	93
2		--	--	45	60	94
2-1/4		--	--	--	61	95
2-1/2	+0 -3/32	--	--	--	62	96
2-3/4		--	--	--	63	97
3		--	--	--	64	98
4		--	--	--	--	179
5		--	--	--	--	192

1/ HAVE UNDERCUT HEAD.

APPROVED 8 MAY 1957 REVISED (A) 8 ARCH 1963 REVISED (B) 8 MARCH 1967

This standard has been approved by the Naval Ship Engineering Center, Department of the Navy and is mandatory for use by that activity. All other activities are required to employ this standard where suitable.

P.A. SHIPS Other Cust		TITLE SCREWS, MACHINE, FLAT COUNTERSUNK HEAD, SLOTTED, COPPER-SILICON ALLOY, UNC-2A, NONMAGNETIC		MILITARY STANDARD MS16218(SHIPS)	
PROCUREMENT SPECIFICATION FT-S-92		SUPERSEDES:		SHEET 2	
NOMINAL SIZE (NO. OR INCH) THREADS PER INCH BODY DIAMETER (D _B)		5/16 18UNC 0.3125 0.3750 0.5000 0.6250 0.7500 0.8750 1.0000 1.1250 1.2500 1.3750 1.5000 1.6250 1.7500 1.8750 2.0000 2.1250 2.2500 2.3750 2.5000 2.6250 2.7500 2.8750 3.0000 3.1250 3.2500 3.3750 3.5000 3.6250 3.7500 3.8750 4.0000 4.1250 4.2500 4.3750 4.5000 4.6250 4.7500 4.8750 5.0000 5.1250 5.2500 5.3750 5.5000 5.6250 5.7500 5.8750 6.0000 6.1250 6.2500 6.3750 6.5000 6.6250 6.7500 6.8750 7.0000 7.1250 7.2500 7.3750 7.5000 7.6250 7.7500 7.8750 8.0000 8.1250 8.2500 8.3750 8.5000 8.6250 8.7500 8.8750 9.0000 9.1250 9.2500 9.3750 9.5000 9.6250 9.7500 9.8750 10.0000 10.1250 10.2500 10.3750 10.5000 10.6250 10.7500 10.8750 11.0000 11.1250 11.2500 11.3750 11.5000 11.6250 11.7500 11.8750 12.0000 12.1250 12.2500 12.3750 12.5000 12.6250 12.7500 12.8750 13.0000 13.1250 13.2500 13.3750 13.5000 13.6250 13.7500 13.8750 14.0000 14.1250 14.2500 14.3750 14.5000 14.6250 14.7500 14.8750 15.0000 15.1250 15.2500 15.3750 15.5000 15.6250 15.7500 15.8750 16.0000 16.1250 16.2500 16.3750 16.5000 16.6250 16.7500 16.8750 17.0000 17.1250 17.2500 17.3750 17.5000 17.6250 17.7500 17.8750 18.0000 18.1250 18.2500 18.3750 18.5000 18.6250 18.7500 18.8750 19.0000 19.1250 19.2500 19.3750 19.5000 19.6250 19.7500 19.8750 20.0000 20.1250 20.2500 20.3750 20.5000 20.6250 20.7500 20.8750 21.0000 21.1250 21.2500 21.3750 21.5000 21.6250 21.7500 21.8750 22.0000 22.1250 22.2500 22.3750 22.5000 22.6250 22.7500 22.8750 23.0000 23.1250 23.2500 23.3750 23.5000 23.6250 23.7500 23.8750 24.0000 24.1250 24.2500 24.3750 24.5000 24.6250 24.7500 24.8750 25.0000 25.1250 25.2500 25.3750 25.5000 25.6250 25.7500 25.8750 26.0000 26.1250 26.2500 26.3750 26.5000 26.6250 26.7500 26.8750 27.0000 27.1250 27.2500 27.3750 27.5000 27.6250 27.7500 27.8750 28.0000 28.1250 28.2500 28.3750 28.5000 28.6250 28.7500 28.8750 29.0000 29.1250 29.2500 29.3750 29.5000 29.6250 29.7500 29.8750 30.0000 30.1250 30.2500 30.3750 30.5000 30.6250 30.7500 30.8750 31.0000 31.1250 31.2500 31.3750 31.5000 31.6250 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