

PFD SUP CLASS  
5305

TYPE TT

TYPE SW

TYPE SF

NOMINAL SIZE	2 ( 063 )	4 ( 112 )	6 ( 138 )	8 ( 164 )	10 ( 190 )	1/4 ( 250 )	
THREADS PER INCH	56	40	32	32	24	20	
A HEAD DIA	MAX MIN	.167 .155	.219 .205	.270 .256	.322 .306	.373 .357	.492 .473
C DIA OF CIRCLE	MAX MIN	.0875 .0835	.1145 .1105	.1410 .1350	.1670 .1610	.1940 .1880	.2550 .2490
D DIA OF CIRCLE	MAX	.070	.090	.111	.137	.153	.206
D ACROSS CENTER	MAX MIN	.0840 .0800	.1095 .1055	.1350 .1290	.1610 .1550	.1850 .1790	.2460 .2400
H HEAD HEIGHT	MAX MIN	.062 .053	.080 .070	.097 .087	.115 .105	.133 .122	.174 .162
P POINT DIA	MAX MIN	.067 .061	.086 .077	.106 .095	.132 .121	.147 .133	.196 .181

L LENGTH	TOL	DASH NUMBERS											
		CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL	CARBON STEEL	CRES STEEL
250	+0 - .034	1	1C	11	11C	21	21C	31	31C	41	41C	51	51C
375		2	2C	12	12C	22	22C	32	32C	42	42C	52	52C
500		3	3C	13	13C	23	23C	33	33C	43	43C	53	53C
625		4	4C	14	14C	24	24C	34	34C	44	44C	54	54C
750				15	15C	25	25C	35	35C	45	45C	55	55C
875	+0 - .047			16	16C	26	26C	36	36C	46	46C	56	56C
1 000					27	27C	37	37C	47	47C	57	57C	
1 250							38	38C	48	48C	58	58C	
1 500							39	39C	49	49C	59	59C	
1 750	+0 - .062								50	50C	60	60C	
2 000										61	61C	61C	
2 250										62	62C	62C	

**NOTES**

- MATERIAL** Carbon steel and corrosion-resisting steel in accordance with the procurement specification
- PROTECTIVE COATING** Carbon steel shall be cadmium plated and corrosion-resisting steel shall be passivated in accordance with the 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
- DIMENSIONS** All dimensions are in inches
- PART NUMBER** The MS part number consists of the MS number, plus the dash number  
Example: MS51863-1.
- Referenced documents shall be of the issue in effect on date of invitations for bid
- For design feature purposes, this standard takes precedence over procurement documents referenced herein
- Type TT tri-lobular section is maintained throughout the full length of the screw.

P.A. VC	TITLE	MILITARY STANDARD
Other Cont SH 11	SCREW, TAPPING-HIGH PERFORMANCE, THREAD ROLLING, TYPES SF, SW AND TT, PAN HEAD, CROSS RECESSED	MS51863
PROCUREMENT SPECIFICATION PF-S-107	SUPERSEDES BCX11 1, BCX13 4, BCX15 4 and BQX13	SHEET 1 OF 1

DD FORM 672-1 (Continued)

FORMER EDITIONS OF THIS PDS ARE OBSOLETE

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APPROVED 31 AUG 1970 REVISED

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.

REVISIONS: 02  
USER: AN, IS, MC, ME, MU