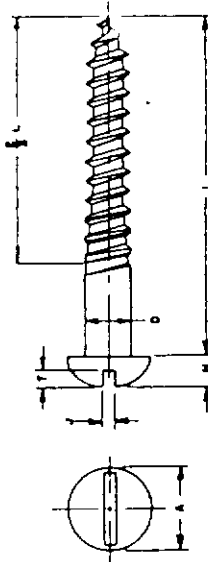


This standard has been approved by the Naval Ship Engineering Center, Department of the Navy, and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.



PROJBT 5305-NO235b

SIZE NO.	4		5		6		7		8		10		12		14		16		18		20	
	23	20	0.129	0.142	0.155	0.168	0.181	0.194	0.207	0.220	0.233	0.246	0.259	0.272	0.285	0.298	0.311	0.324	0.337	0.350	0.363	0.376
THREADS PER INCH																						
DIAMETER	MAX.	0.116	0.129	0.142	0.155	0.168	0.181	0.194	0.207	0.220	0.233	0.246	0.259	0.272	0.285	0.298	0.311	0.324	0.337	0.350	0.363	0.376
	MIN.	0.106	0.118	0.131	0.144	0.157	0.170	0.183	0.196	0.209	0.222	0.235	0.248	0.261	0.274	0.287	0.300	0.313	0.326	0.339	0.352	0.365
(A) HEAD DIAMETER	MAX.	0.211	0.236	0.260	0.285	0.309	0.334	0.358	0.383	0.407	0.431	0.455	0.479	0.503	0.527	0.551	0.575	0.599	0.623	0.647	0.671	0.695
	MIN.	0.193	0.217	0.240	0.264	0.287	0.311	0.334	0.358	0.381	0.405	0.429	0.453	0.476	0.500	0.524	0.548	0.572	0.596	0.620	0.644	0.668
(H) HEIGHT OF HEAD	MAX.	0.046	0.095	0.103	0.111	0.119	0.127	0.135	0.143	0.151	0.159	0.167	0.175	0.183	0.191	0.199	0.207	0.215	0.223	0.231	0.239	0.247
	MIN.	0.075	0.063	0.061	0.059	0.057	0.055	0.053	0.051	0.049	0.047	0.045	0.043	0.041	0.039	0.037	0.035	0.033	0.031	0.029	0.027	0.025
(J) WIDTH OF SLOT	MAX.	0.039	0.043	0.046	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048
	MIN.	0.031	0.036	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
(T) DEPTH OF SLOT	MAX.	0.058	0.063	0.068	0.072	0.077	0.081	0.085	0.089	0.093	0.097	0.101	0.105	0.109	0.113	0.117	0.121	0.125	0.129	0.133	0.137	0.141
	MIN.	0.044	0.047	0.051	0.055	0.058	0.062	0.065	0.068	0.072	0.075	0.078	0.081	0.084	0.087	0.090	0.093	0.096	0.099	0.102	0.105	0.108
LENGTH TOLERANCE		0.00	0.10	0.10	0.11	0.12	0.13	0.13	0.13	0.15	0.16	0.16	0.18	0.18	0.20	0.20	0.22	0.22	0.24	0.24	0.26	0.26
LENGTH	DASH NO.	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
	DASH NO.	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
1/2																						
5/8																						
3/4																						
7/8																						
1																						
1-1/4																						
1-1/2																						
1-3/4																						
2																						
2-1/4																						
2-1/2																						
2-3/4																						
3																						
3-1/2																						
4																						

1. MATERIAL: COPPER-SILICON ALLOY SHALL BE IN ACCORDANCE WITH QQ-C-891, COPPER ALLOY NO. 651.
2. TENSILE STRENGTH: MINIMUM TENSILE STRENGTH SHALL BE 90,000 P.S.I.
3. LENGTH TOLERANCE: PLUS TOLERANCE = 0.
4. DIMENSIONS: ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.
6. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

APPROVED 8 MAY 1957 REVISED 8 MARCH 1963 RETIRED 8 MARCH 1967

DD FORM 672-1 N

LIMITED COORDINATION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

P.A. SHIPS Other Cust	TITLE	MILITARY STANDARD
	SCREWS, WOOD, SLOTTED ROUND HEAD, COPPER-SILICON ALLOY, NONMAGNETIC	MS16216(SHIPS)
PROCUREMENT SPECIFICATION 77-S-111	SUPERSEDES:	SHEET 1 OF 1