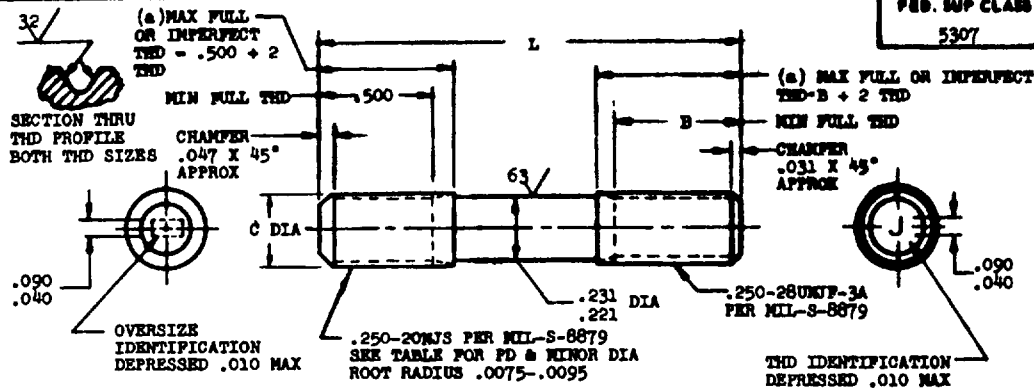


NOTE:—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government hereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner endorsing or recommending the use of such drawings, specifications, or other data in any way or for any purpose other than that for which they were originally intended.

This standard has been approved by the BUREAU OF NAVAL WEAPONS Department of the NAVY and is mandatory for use by that activity. All other military activities are required to comply with standards shown herein.



OVERSIZE IDENTIFICATION		STANDARD	+ .003	+ .006	+ .009	+ .012
		①	③	⑥	⑨	⑫
C		.245 -.250	.245 -.250	.245 -.250	.254 -.259	.254 -.259
PD BEFORE PLATING		.2213-.2223	.2243-.2253	.2273-.2283	.2303-.2313	.2333-.2343
PD AFTER PLATING		.2218-.2233	.2248-.2263	.2278-.2293	.2308-.2323	.2338-.2353
PD LEAD THREAD		.2155-.2175	.2185-.2205	.2215-.2235	.2245-.2265	.2275-.2295
MINOR DIA		.1935-.1980	.1965-.2010	.1995-.2040	.2025-.2070	.2055-.2100
L	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
1.000	.438	MS17300-011	MS17300-012	MS17300-013	MS17300-014	MS17300-015
1.062	.438	MS17300-016	MS17300-017	MS17300-018	MS17300-019	MS17300-020
1.125	.438	MS17300-021	MS17300-022	MS17300-023	MS17300-024	MS17300-025
1.188	.438	MS17300-026	MS17300-027	MS17300-028	MS17300-029	MS17300-030
1.250	.438	MS17300-031	MS17300-032	MS17300-033	MS17300-034	MS17300-035
1.250	.656	MS17300-036	MS17300-037	MS17300-038	MS17300-039	MS17300-040
1.312	.500	MS17300-041	MS17300-042	MS17300-043	MS17300-044	MS17300-045
1.375	.562	MS17300-046	MS17300-047	MS17300-048	MS17300-049	MS17300-050
1.375	.688	MS17300-051	MS17300-052	MS17300-053	MS17300-054	MS17300-055
1.438	.562	MS17300-056	MS17300-057	MS17300-058	MS17300-059	MS17300-060
1.500	.688	MS17300-061	MS17300-062	MS17300-063	MS17300-064	MS17300-065
1.562	.562	MS17300-066	MS17300-067	MS17300-068	MS17300-069	MS17300-070
1.625	.562	MS17300-071	MS17300-072	MS17300-073	MS17300-074	MS17300-075
1.688	.562	MS17300-076	MS17300-077	MS17300-078	MS17300-079	MS17300-080
1.750	.562	MS17300-081	MS17300-082	MS17300-083	MS17300-084	MS17300-085
1.812	.562	MS17300-086	MS17300-087	MS17300-088	MS17300-089	MS17300-090
1.875	.562	MS17300-091	MS17300-092	MS17300-093	MS17300-094	MS17300-095
1.938	.562	MS17300-096	MS17300-097	MS17300-098	MS17300-099	MS17300-100
2.000	.562	MS17300-101	MS17300-102	MS17300-103	MS17300-104	MS17300-105
2.062	.562	MS17300-106	MS17300-107	MS17300-108	MS17300-109	MS17300-110
2.125	.562	MS17300-111	MS17300-112	MS17300-113	MS17300-114	MS17300-115
2.188	.562	MS17300-116	MS17300-117	MS17300-118	MS17300-119	MS17300-120
2.250	.562	MS17300-121	MS17300-122	MS17300-123	MS17300-124	MS17300-125
2.375	.562	MS17300-126	MS17300-127	MS17300-128	MS17300-129	MS17300-130
2.500	.562	MS17300-131	MS17300-132	MS17300-133	MS17300-134	MS17300-135
2.625	.562	MS17300-136	MS17300-137	MS17300-138	MS17300-139	MS17300-140
2.750	.562	MS17300-141	MS17300-142	MS17300-143	MS17300-144	MS17300-145
2.875	.562	MS17300-146	MS17300-147	MS17300-148	MS17300-149	MS17300-150
3.000	.562	MS17300-151	MS17300-152	MS17300-153	MS17300-154	MS17300-155

(a) CROSS THREADING PERMISSIBLE AT THREAD RUNOUTS ON SHORT STUDS.

NOTE: PITCH DIAMETERS OF BOTH THREADED ENDS SHALL BE CONCENTRIC WITHIN .006 FIR.

MATERIAL: STEEL AMS 6322.

HARDNESS: ROCKWELL C26-32.

FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS ARE AFTER PLATING EXCEPT WHERE SHOWN.

SURFACE ROUGHNESS: MIL-STD-10. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.

MANUFACTURING SPECIFICATION: AMS 7456 EXCEPT THREADS AS NOTED ABOVE.

PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640.

BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS $\pm .010$.

DO NOT USE UNASSIGNED PART NUMBERS.

P.A.	WEP	TITLE	MILITARY STANDARD
Other Cost	NONE	STUD-STRAIGHT .250-20 X .250-28 (MIL-S-8879 THREAD)	MS17300(WEP)
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET 1 OF 1	
NONE			