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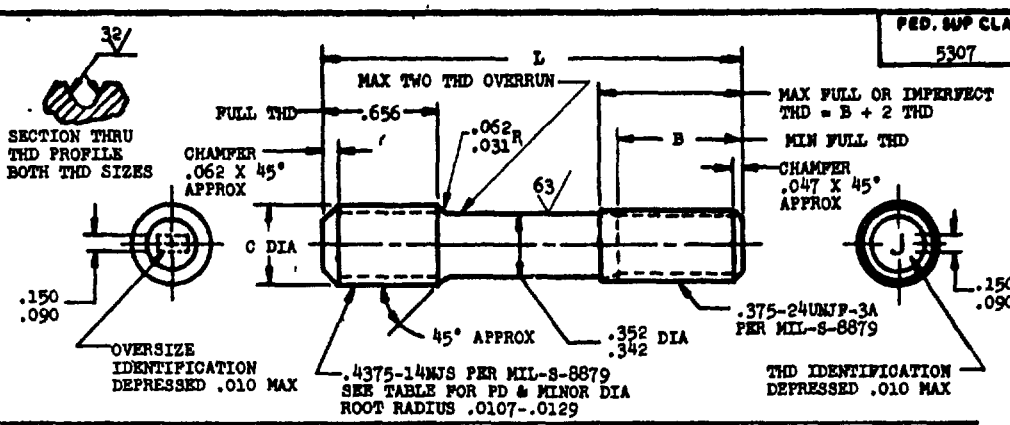

OVERSIZE IDENTIFICATION		STANDARD (·)	+.003 (3)	+.006 (6)	+.009 (9)	+.012 (12)
C		.433 -.438	.433 -.438	.433 -.438	.442 -.447	.442 -.447
PD BEFORE PLATING		.3957-.3967	.3987-.3997	.4017-.4027	.4047-.4057	.4077-.4087
PD AFTER PLATING		.3962-.3977	.3992-.4007	.4022-.4037	.4052-.4067	.4082-.4097
PD LEAD THREAD		.3891-.3911	.3921-.3941	.3951-.3971	.3981-.4001	.4011-.4031
MINOR DIA		.3558-.3616	.3588-.3646	.3618-.3676	.3648-.3706	.3678-.3736
L	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
1.344	.562	MS17296-011	MS17296-012	MS17296-013	MS17296-014	MS17296-015
1.406	.625	MS17296-016	MS17296-017	MS17296-018	MS17296-019	MS17296-020
1.469	.688	MS17296-021	MS17296-022	MS17296-023	MS17296-024	MS17296-025
1.531	.688	MS17296-026	MS17296-027	MS17296-028	MS17296-029	MS17296-030
1.594	.688	MS17296-031	MS17296-032	MS17296-033	MS17296-034	MS17296-035
1.656	.688	MS17296-036	MS17296-037	MS17296-038	MS17296-039	MS17296-040
1.719	.688	MS17296-041	MS17296-042	MS17296-043	MS17296-044	MS17296-045
1.750	.938	MS17296-046	MS17296-047	MS17296-048	MS17296-049	MS17296-050
1.781	.688	MS17296-051	MS17296-052	MS17296-053	MS17296-054	MS17296-055
1.844	.938	MS17296-056	MS17296-057	MS17296-058	MS17296-059	MS17296-060
1.906	.688	MS17296-061	MS17296-062	MS17296-063	MS17296-064	MS17296-065
2.031	.688	MS17296-066	MS17296-067	MS17296-068	MS17296-069	MS17296-070
2.094	.688	MS17296-071	MS17296-072	MS17296-073	MS17296-074	MS17296-075
2.156	.688	MS17296-076	MS17296-077	MS17296-078	MS17296-079	MS17296-080
2.219	.688	MS17296-081	MS17296-082	MS17296-083	MS17296-084	MS17296-085
2.281	.688	MS17296-086	MS17296-087	MS17296-088	MS17296-089	MS17296-090
2.344	.688	MS17296-091	MS17296-092	MS17296-093	MS17296-094	MS17296-095
2.406	.688	MS17296-096	MS17296-097	MS17296-098	MS17296-099	MS17296-100
2.531	.688	MS17296-101	MS17296-102	MS17296-103	MS17296-104	MS17296-105
2.656	.688	MS17296-106	MS17296-107	MS17296-108	MS17296-109	MS17296-110
2.781	.688	MS17296-111	MS17296-112	MS17296-113	MS17296-114	MS17296-115
2.906	.688	MS17296-116	MS17296-117	MS17296-118	MS17296-119	MS17296-120
3.031	.688	MS17296-121	MS17296-122	MS17296-123	MS17296-124	MS17296-125
3.156	.688	MS17296-126	MS17296-127	MS17296-128	MS17296-129	MS17296-130
3.281	.688	MS17296-131	MS17296-132	MS17296-133	MS17296-134	MS17296-135
3.406	.688	MS17296-136	MS17296-137	MS17296-138	MS17296-139	MS17296-140
3.531	.688	MS17296-141	MS17296-142	MS17296-143	MS17296-144	MS17296-145
3.656	.688	MS17296-146	MS17296-147	MS17296-148	MS17296-149	MS17296-150
3.781	.688	MS17296-151	MS17296-152	MS17296-153	MS17296-154	MS17296-155
3.906	.688	MS17296-156	MS17296-157	MS17296-158	MS17296-159	MS17296-160
4.031	.688	MS17296-161	MS17296-162	MS17296-163	MS17296-164	MS17296-165
4.156	.688	MS17296-166	MS17296-167	MS17296-168	MS17296-169	MS17296-170
4.281	.688	MS17296-171	MS17296-172	MS17296-173	MS17296-174	MS17296-175
4.406	.688	MS17296-176	MS17296-177	MS17296-178	MS17296-179	MS17296-180
4.531	.688	MS17296-181	MS17296-182	MS17296-183	MS17296-184	MS17296-185
4.656	.688	MS17296-186	MS17296-187	MS17296-188	MS17296-189	MS17296-190

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 ±.010.

DO NOT USE UNASSIGNED PART NUMBERS.

APPROVED 7 September 1961 REVISED

P.A.	WEP	TITLE	MILITARY STANDARD
Other Cust	NONE	STUD-STEPPED, 1.5 DIA ENGAGEMENT, .4375-14 X .375-24 (MIL-S-8879 THREAD)	MS17296(WEP)
PROCUREMENT SPECIFICATION	NONE	SUPERSEDES	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

This standard has been approved by the BUREAU OF NAVAL WEAPONS Department of the NAVY and is mandatory for use by the NAVY. All other military services may adopt it for use by them as applicable. Recommendations for changes to this standard should be submitted to activity listed above.