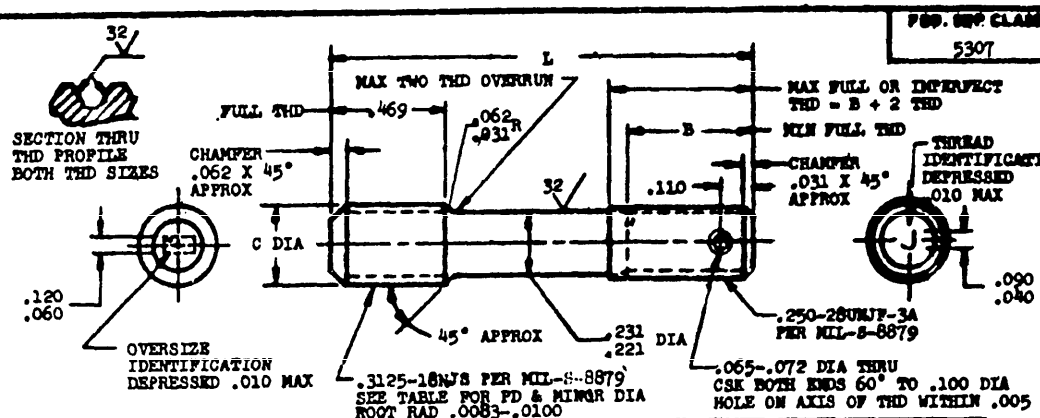
Downloaded from http://www.everyspec.com

FSG. GRP. CLASS 5307



OVERSIZE IDENTIFICATION		STANDARD	+.003 (3)	+.006 (6)	+.009 (9)	+.012 (12)
C		.307 -.312	.307 -.312	.307 -.312	.316 -.321	.316 -.321
PD BEFORE PLATING		.2805-.2815	.2835-.2845	.2865-.2875	.2895-.2905	.2925-.2935
PD AFTER PLATING		.2810-.2825	.2840-.2855	.2870-.2885	.2900-.2915	.2930-.2945
PD LEAD THREAD		.2744-.2764	.2774-.2794	.2804-.2824	.2834-.2854	.2864-.2884
MINOR DIA		.2496-.2544	.2526-.2574	.2556-.2604	.2586-.2634	.2616-.2664
L	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
1.031	.438	MS17297-011	MS17297-012	MS17297-013	MS17297-014	MS17297-015
1.094	.500	MS17297-016	MS17297-017	MS17297-018	MS17297-019	MS17297-020
1.156	.562	MS17297-021	MS17297-022	MS17297-023	MS17297-024	MS17297-025
1.219	.562	MS17297-026	MS17297-027	MS17297-028	MS17297-029	MS17297-030
1.281	.562	MS17297-031	MS17297-032	MS17297-033	MS17297-034	MS17297-035
1.344	.562	MS17297-036	MS17297-037	MS17297-038	MS17297-039	MS17297-040
1.406	.562	MS17297-041	MS17297-042	MS17297-043	MS17297-044	MS17297-045
1.469	.562	MS17297-046	MS17297-047	MS17297-048	MS17297-049	MS17297-050
1.531	.562	MS17297-051	MS17297-052	MS17297-053	MS17297-054	MS17297-055
1.594	.562	MS17297-056	MS17297-057	MS17297-058	MS17297-059	MS17297-060
1.656	.562	MS17297-061	MS17297-062	MS17297-063	MS17297-064	MS17297-065
1.719	.562	MS17297-066	MS17297-067	MS17297-068	MS17297-069	MS17297-070
1.781	.562	MS17297-071	MS17297-072	MS17297-073	MS17297-074	MS17297-075
1.844	.562	MS17297-076	MS17297-077	MS17297-078	MS17297-079	MS17297-080
1.906	.562	MS17297-081	MS17297-082	MS17297-083	MS17297-084	MS17297-085
1.969	.562	MS17297-086	MS17297-087	MS17297-088	MS17297-089	MS17297-090
2.031	.562	MS17297-091	MS17297-092	MS17297-093	MS17297-094	MS17297-095
2.094	.562	MS17297-096	MS17297-097	MS17297-098	MS17297-099	MS17297-100
2.156	.562	MS17297-101	MS17297-102	MS17297-103	MS17297-104	MS17297-105
2.219	.562	MS17297-106	MS17297-107	MS17297-108	MS17297-109	MS17297-110
2.344	.562	MS17297-111	MS17297-112	MS17297-113	MS17297-114	MS17297-115
2.469	.562	MS17297-116	MS17297-117	MS17297-118	MS17297-119	MS17297-120
2.594	.562	MS17297-121	MS17297-122	MS17297-123	MS17297-124	MS17297-125
2.719	.562	MS17297-126	MS17297-127	MS17297-128	MS17297-129	MS17297-130
2.844	.562	MS17297-131	MS17297-132	MS17297-133	MS17297-134	MS17297-135
2.969	.562	MS17297-136	MS17297-137	MS17297-138	MS17297-139	MS17297-140
3.094	.562	MS17297-141	MS17297-142	MS17297-143	MS17297-144	MS17297-145
3.219	.562	MS17297-146	MS17297-147	MS17297-148	MS17297-149	MS17297-150
3.344	.562	MS17297-151	MS17297-152	MS17297-153	MS17297-154	MS17297-155
3.469	.562	MS17297-156	MS17297-157	MS17297-158	MS17297-159	MS17297-160

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, ANGULAR DIMENSIONS ± 5°.

DO NOT USE UNASSIGNED PART NUMBERS.

APPROVED 7 September 1961 REVISED

P.A. WEP Other Cost NONE	TITLE: STUD-STEPPED, DRILLED, 1.5 DIA ENGAGEMENT, .3125-18 X .250-28 (MIL-S-8879 THREAD)	MILITARY STANDARD MS17297(WEP)	
PROCUREMENT SPECIFICATION: NONE	SUPERSEDES:	SHEET 1 OF 1	

This standard has been approved by the BUREAU OF NAVAL WEAPONS Department of the NAVY and is mandatory for use by the activity. All other military activities are required to employ this standard where suitable.

MISUSE: 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 thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, 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 licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.