

NOTE: When Government drawings, specifications, or other data are used for any purpose other than a contract with a contractor, the contractor shall be responsible for any alterations, additions, deletions, or omissions to the original data. It is the contractor's responsibility to ensure that the data is correct and that it is used in accordance with the original data. It is the contractor's responsibility to ensure that the data is correct and that it is used in accordance with the original data.

This drawing has been approved by the BUREAU OF NAVAL WEAPONS
Department of the Navy, and is necessary for the use of
this activity. All other military activities are required
to employ this standard where applicable.

OVERSIZE IDENTIFICATION		STANDARD	+ .003	+ .006	+ .009	+ .012
		①	③	⑥	⑨	⑫
C	PD BEFORE PLATING	.370 - .375	.370 - .375	.370 - .375	.379 - .384	.379 - .384
	PD AFTER PLATING	.3387 - .3397	.3417 - .3427	.3447 - .3457	.3477 - .3487	.3507 - .3517
	PD LEAD THREAD	.3392 - .3407	.3422 - .3437	.3452 - .3467	.3482 - .3497	.3512 - .3527
	MINOR DIA	.3324 - .3344	.3354 - .3374	.3384 - .3404	.3414 - .3434	.3444 - .3464
		.3038 - .3091	.3068 - .3121	.3098 - .3151	.3128 - .3181	.3158 - .3211
L	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
1.188	.500	MS17298-011	MS17298-012	MS17298-013	MS17298-014	MS17298-015
1.250	.562	MS17298-016	MS17298-017	MS17298-018	MS17298-019	MS17298-020
1.312	.625	MS17298-021	MS17298-022	MS17298-023	MS17298-024	MS17298-025
1.375	.625	MS17298-026	MS17298-027	MS17298-028	MS17298-029	MS17298-030
1.438	.625	MS17298-031	MS17298-032	MS17298-033	MS17298-034	MS17298-035
1.500	.625	MS17298-036	MS17298-037	MS17298-038	MS17298-039	MS17298-040
1.562	.625	MS17298-041	MS17298-042	MS17298-043	MS17298-044	MS17298-045
1.625	.625	MS17298-046	MS17298-047	MS17298-048	MS17298-049	MS17298-050
1.688	.625	MS17298-051	MS17298-052	MS17298-053	MS17298-054	MS17298-055
1.750	.625	MS17298-056	MS17298-057	MS17298-058	MS17298-059	MS17298-060
1.812	.625	MS17298-061	MS17298-062	MS17298-063	MS17298-064	MS17298-065
1.875	.625	MS17298-066	MS17298-067	MS17298-068	MS17298-069	MS17298-070
1.938	.625	MS17298-071	MS17298-072	MS17298-073	MS17298-074	MS17298-075
2.000	.625	MS17298-076	MS17298-077	MS17298-078	MS17298-079	MS17298-080
2.062	.625	MS17298-081	MS17298-082	MS17298-083	MS17298-084	MS17298-085
2.125	.625	MS17298-086	MS17298-087	MS17298-088	MS17298-089	MS17298-090
2.188	.625	MS17298-091	MS17298-092	MS17298-093	MS17298-094	MS17298-095
2.250	.625	MS17298-096	MS17298-097	MS17298-098	MS17298-099	MS17298-100
2.312	.625	MS17298-101	MS17298-102	MS17298-103	MS17298-104	MS17298-105
2.375	.625	MS17298-106	MS17298-107	MS17298-108	MS17298-109	MS17298-110
2.438	.625	MS17298-111	MS17298-112	MS17298-113	MS17298-114	MS17298-115
2.500	.625	MS17298-116	MS17298-117	MS17298-118	MS17298-119	MS17298-120
2.562	.625	MS17298-121	MS17298-122	MS17298-123	MS17298-124	MS17298-125
2.625	.625	MS17298-126	MS17298-127	MS17298-128	MS17298-129	MS17298-130
2.688	.625	MS17298-131	MS17298-132	MS17298-133	MS17298-134	MS17298-135
2.750	.625	MS17298-136	MS17298-137	MS17298-138	MS17298-139	MS17298-140
2.812	.625	MS17298-141	MS17298-142	MS17298-143	MS17298-144	MS17298-145
2.875	.625	MS17298-146	MS17298-147	MS17298-148	MS17298-149	MS17298-150
2.938	.625	MS17298-151	MS17298-152	MS17298-153	MS17298-154	MS17298-155
3.000	.625	MS17298-156	MS17298-157	MS17298-158	MS17298-159	MS17298-160
3.062	.625	MS17298-161	MS17298-162	MS17298-163	MS17298-164	MS17298-165
3.125	.625	MS17298-166	MS17298-167	MS17298-168	MS17298-169	MS17298-170
3.188	.625	MS17298-171	MS17298-172	MS17298-173	MS17298-174	MS17298-175

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

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 SPECIFICATIONS: 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 $\pm .010$,
ANGULAR DIMENSIONS $\pm 5^\circ$.

DO NOT USE UNASSIGNED PART NUMBERS.

P.A.	WEP	TITLE	MILITARY STANDARD
Other Cost	NONE	STUD-STEPPED, DRILLED, 1.5 DIA ENGAGEMENT, .375-16 X .3125-24 (MIL-S-8879 THREAD)	MS17298(WEP)
PROCUREMENT SPECIFICATION	NONE	SUPERSEDES	SHEET 1 OF 1