



OVERSIZE IDENTIFICATION			STANDARD					STANDARD
			③	⑤	⑨	⑫		
MAJOR DIAMETER PD BEFORE PLATING PD AFTER PLATING PD LEAD THREAD MINOR DIA			.370-.375 .3387-.3397 .3392-.3407 .3324-.3344 .3036-.3091	.370-.375 .3417-.3427 .3422-.3437 .3354-.3374 .3068-.3121	.370-.375 .3447-.3457 .3452-.3467 .3384-.3404 .3098-.3151	.379-.384 .3477-.3487 .3482-.3497 .3414-.3434 .3128-.3181	.379-.384 .3507-.3517 .3512-.3527 .3444-.3464 .3158-.3211	APPROX WEIGHT LBS/100
L	A	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	
1.375	.625	.500	MS9836-011	MS9836-012	MS9836-013	MS9836-014	MS9836-015	3.03
1.438	.688	.562	MS9836-016	MS9836-017	MS9836-018	MS9836-019	MS9836-020	3.14
1.500	.750	.625	MS9836-021	MS9836-022	MS9836-023	MS9836-024	MS9836-025	3.26
1.562	.812	.625	MS9836-026	MS9836-027	MS9836-028	MS9836-029	MS9836-030	3.37
1.625	.875	.625	MS9836-031	MS9836-032	MS9836-033	MS9836-034	MS9836-035	3.48
1.688	.938	.625	MS9836-036	MS9836-037	MS9836-038	MS9836-039	MS9836-040	3.59
1.750	1.000	.625	MS9836-041	MS9836-042	MS9836-043	MS9836-044	MS9836-045	3.71
1.812	1.062	.625	MS9836-046	MS9836-047	MS9836-048	MS9836-049	MS9836-050	3.82
1.875	1.125	.625	MS9836-051	MS9836-052	MS9836-053	MS9836-054	MS9836-055	3.93
1.938	1.188	.625	MS9836-056	MS9836-057	MS9836-058	MS9836-059	MS9836-060	4.05
2.000	1.250	.625	MS9836-061	MS9836-062	MS9836-063	MS9836-064	MS9836-065	4.16
2.062	1.312	.625	MS9836-066	MS9836-067	MS9836-068	MS9836-069	MS9836-070	4.27
2.125	1.375	.625	MS9836-071	MS9836-072	MS9836-073	MS9836-074	MS9836-075	4.38
2.188	1.438	.625	MS9836-076	MS9836-077	MS9836-078	MS9836-079	MS9836-080	4.50
2.250	1.500	.625	MS9836-081	MS9836-082	MS9836-083	MS9836-084	MS9836-085	4.61
2.312	1.562	.625	MS9836-086	MS9836-087	MS9836-088	MS9836-089	MS9836-090	4.72
2.375	1.625	.625	MS9836-091	MS9836-092	MS9836-093	MS9836-094	MS9836-095	4.84
2.438	1.688	.625	MS9836-096	MS9836-097	MS9836-098	MS9836-099	MS9836-100	4.95
2.500	1.750	.625	MS9836-101	MS9836-102	MS9836-103	MS9836-104	MS9836-105	5.06
2.562	1.812	.625	MS9836-106	MS9836-107	MS9836-108	MS9836-109	MS9836-110	5.29
2.625	1.875	.625	MS9836-111	MS9836-112	MS9836-113	MS9836-114	MS9836-115	5.52
2.688	1.938	.625	MS9836-116	MS9836-117	MS9836-118	MS9836-119	MS9836-120	5.74
2.750	2.000	.625	MS9836-121	MS9836-122	MS9836-123	MS9836-124	MS9836-125	5.97
2.812	2.062	.625	MS9836-126	MS9836-127	MS9836-128	MS9836-129	MS9836-130	6.19
2.875	2.125	.625	MS9836-131	MS9836-132	MS9836-133	MS9836-134	MS9836-135	6.42
2.938	2.188	.625	MS9836-136	MS9836-137	MS9836-138	MS9836-139	MS9836-140	6.65
3.000	2.250	.625	MS9836-141	MS9836-142	MS9836-143	MS9836-144	MS9836-145	6.87
3.062	2.312	.625	MS9836-146	MS9836-147	MS9836-148	MS9836-149	MS9836-150	7.10
3.125	2.375	.625	MS9836-151	MS9836-152	MS9836-153	MS9836-154	MS9836-155	7.32
3.188	2.438	.625	MS9836-156	MS9836-157	MS9836-158	MS9836-159	MS9836-160	7.55
3.250	2.500	.625	MS9836-161	MS9836-162	MS9836-163	MS9836-164	MS9836-165	7.77
3.312	2.562	.625	MS9836-166	MS9836-167	MS9836-168	MS9836-169	MS9836-170	8.00
3.375	2.625	.625	MS9836-171	MS9836-172	MS9836-173	MS9836-174	MS9836-175	8.23

1. MATERIAL: STEEL, AMS 6320, AMS 6322 OR AMS 6327
2. HARDNESS: ROCKWELL C26-32.
3. FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS ARE AFTER PLATING EXCEPT WHERE SHOWN.
4. SURFACE TEXTURE: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRONS.
5. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1966.
6. MANUFACTURING SPECIFICATION: AMS 7456 EXCEPT THREAD FORM.
7. MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
8. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$.
10. MARK PART NUMBER AND MANUFACTURERS IDENTIFICATION ON CONTAINER.
11. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIV.

P.A. Air Force-11 Other Coast Navy - AS	TITLE STUD-STEPPED, DRILLED, 2 DIA ENGAGEMENT, STEEL .375-16 UNJS x .3125-24 UNJF	MILITARY STANDARD MS9836
PROCUREMENT SPECIFICATION AMS 7456	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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This standard has been approved by the Dept. of the Air Force and the Department of the Navy and is mandatory for use by all military activities. All other military activities are requested to comply with this standard where suitable.