



OVERSIZE IDENTIFICATION			STANDARD	+.003	+.006	+.009	+.012	STANDARD
			(1)	(2)	(3)	(4)	(5)	
MAJOR DIAMETER			.495-.500	.495-.500	.495-.500	.504-.509	.504-.509	APPROXIMATE WEIGHT LBS/100
PD BEFORE PLATING			.4548-.4552	.4570-.4580	.4609-.4619	.4638-.4648	.4668-.4670	
PD AFTER PLATING			.4553-.4563	.4593-.4598	.4613-.4623	.4643-.4653	.4673-.4683	
PD LEAD THREAD			.4660-.4500	.4510-.4530	.4540-.4560	.4570-.4590	.4600-.4620	
MINOR DIA			.4118-.4119	.4140-.4209	.4178-.4230	.4266-.4280	.4298-.4299	
L	A	U	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	
1.750	.750	.025	MS9036-011	MS9036-012	MS9036-013	MS9036-014	MS9036-015	7.28
1.812	.012	.069	MS9036-016	MS9036-017	MS9036-018	MS9036-019	MS9036-020	7.30
1.875	.075	.750	MS9036-021	MS9036-022	MS9036-023	MS9036-024	MS9036-025	7.73
1.938	.938	.750	MS9036-026	MS9036-027	MS9036-028	MS9036-029	MS9036-030	7.96
2.000	1.000	.750	MS9036-031	MS9036-032	MS9036-033	MS9036-034	MS9036-035	8.19
2.062	1.062	.750	MS9036-036	MS9036-037	MS9036-038	MS9036-039	MS9036-040	8.47
2.125	1.125	.750	MS9036-041	MS9036-042	MS9036-043	MS9036-044	MS9036-045	8.69
2.188	1.188	.750	MS9036-046	MS9036-047	MS9036-048	MS9036-049	MS9036-050	8.99
2.250	1.250	.750	MS9036-051	MS9036-052	MS9036-053	MS9036-054	MS9036-055	9.10
2.312	1.312	.750	MS9036-056	MS9036-057	MS9036-058	MS9036-059	MS9036-060	9.33
2.375	1.375	.750	MS9036-061	MS9036-062	MS9036-063	MS9036-064	MS9036-065	9.58
2.438	1.438	.750	MS9036-066	MS9036-067	MS9036-068	MS9036-069	MS9036-070	9.79
2.500	1.500	.750	MS9036-071	MS9036-072	MS9036-073	MS9036-074	MS9036-075	10.02
2.562	1.562	.750	MS9036-076	MS9036-077	MS9036-078	MS9036-079	MS9036-080	10.24
2.625	1.625	.750	MS9036-081	MS9036-082	MS9036-083	MS9036-084	MS9036-085	10.47
2.688	1.688	.750	MS9036-086	MS9036-087	MS9036-088	MS9036-089	MS9036-090	10.70
2.750	1.750	.750	MS9036-091	MS9036-092	MS9036-093	MS9036-094	MS9036-095	10.93
2.812	1.812	.750	MS9036-096	MS9036-097	MS9036-098	MS9036-099	MS9036-100	11.38
3.000	2.000	.750	MS9036-101	MS9036-102	MS9036-103	MS9036-104	MS9036-105	11.84
3.125	2.125	.750	MS9036-106	MS9036-107	MS9036-108	MS9036-109	MS9036-110	12.30
3.250	2.250	.750	MS9036-111	MS9036-112	MS9036-113	MS9036-114	MS9036-115	12.75
3.375	2.375	.750	MS9036-116	MS9036-117	MS9036-118	MS9036-119	MS9036-120	13.21
3.500	2.500	.750	MS9036-121	MS9036-122	MS9036-123	MS9036-124	MS9036-125	13.67
3.625	2.625	.750	MS9036-126	MS9036-127	MS9036-128	MS9036-129	MS9036-130	14.12
3.750	2.750	.750	MS9036-131	MS9036-132	MS9036-133	MS9036-134	MS9036-135	14.58
3.875	2.875	.750	MS9036-136	MS9036-137	MS9036-138	MS9036-139	MS9036-140	15.04
4.000	3.000	.750	MS9036-141	MS9036-142	MS9036-143	MS9036-144	MS9036-145	15.49
4.125	3.125	.750	MS9036-146	MS9036-147	MS9036-148	MS9036-149	MS9036-150	15.95
4.250	3.250	.750	MS9036-151	MS9036-152	MS9036-153	MS9036-154	MS9036-155	16.40
4.375	3.375	.750	MS9036-156	MS9036-157	MS9036-158	MS9036-159	MS9036-160	16.86
4.500	3.500	.750	MS9036-161	MS9036-162	MS9036-163	MS9036-164	MS9036-165	17.32
4.625	3.625	.750	MS9036-166	MS9036-167	MS9036-168	MS9036-169	MS9036-170	17.85
4.750	3.750	.750	MS9036-171	MS9036-172	MS9036-173	MS9036-174	MS9036-175	18.23
4.875	3.875	.750	MS9036-176	MS9036-177	MS9036-178	MS9036-179	MS9036-180	18.69
5.000	4.000	.750	MS9036-181	MS9036-182	MS9036-183	MS9036-184	MS9036-185	19.14
5.125	4.125	.750	MS9036-186	MS9036-187	MS9036-188	MS9036-189	MS9036-190	19.60
5.250	4.250	.750	MS9036-191	MS9036-192	MS9036-193	MS9036-194	MS9036-195	20.06
5.375	4.375	.750	MS9036-196	MS9036-197	MS9036-198	MS9036-199	MS9036-200	20.51
5.500	4.500	.750	MS9036-201	MS9036-202	MS9036-203	MS9036-204	MS9036-205	20.97

1. MATERIAL: STEEL, AMS 6320, AMS 6322 OR AMS 6327
2. HARDNESS: ROCKWELL C28-32.
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 TOLERANCES: ANSI Y14.5-1980.
6. MANUFACTURING SPECIFICATION: AMS 7450 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.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AIRSPACE PART STANDARDS DIV.

P.A. Air Fwcoo - II Other Cost Navy - AS	TITLE STUD-STEPPED, DRILLED, 2 DIA ENGAGEMENT, STEEL .500-13 UNJS H .4375-20 UNJS	MILITARY STANDARD MS 9838
PROCUREMENT SPECIFICATION AMS748G	SUPERSEDES:	DATE: 1 5 1

DD FORM 672-1 (Limited circulation)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

☆ U. S. GOVERNMENT PRINTING OFFICE: 1971-714-159/2843

This standard has been ordered by the Dept. of the Air Force and the Department of the Navy and is mandatory for use by their liability. All other military services are required to employ this standard where suitable.

Review activities:
Air Force - 62

APPROVED 27 AUG 71 0845MRS