

MS9827

FED. SUP CLASS
5307

OVERSIZE IDENTIFICATION			STANDARD	+ .003	+ .006	+ .009	+ .012	STANDARD
			①	③	⑥	⑨	⑫	
MAJOR DIAMETER			.245-.250	.245-.250	.245-.250	.254-.259	.254-.259	APPROX WEIGHT LBS/100
PD BEFORE PLATING			.2213-.2223	.2243-.2253	.2273-.2283	.2303-.2313	.2333-.2343	
PD AFTER PLATING			.2218-.2228	.2248-.2258	.2278-.2288	.2308-.2318	.2338-.2348	
PD LEAD THREAD			.2155-.2175	.2185-.2205	.2215-.2235	.2245-.2265	.2275-.2295	
MINOR DIA			.1935-.1980	.1965-.2010	.1995-.2040	.2025-.2070	.2055-.2100	
L	A	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	
1.000	.500	.375	MS9827-011	MS9827-012	MS9827-013	MS9827-014	MS9827-015	.87
1.062	.562	.438	MS9827-016	MS9827-017	MS9827-018	MS9827-019	MS9827-020	.91
1.125	.625	.500	MS9827-021	MS9827-022	MS9827-023	MS9827-024	MS9827-025	.95
1.188	.688	.500	MS9827-026	MS9827-027	MS9827-028	MS9827-029	MS9827-030	.99
1.250	.750	.500	MS9827-031	MS9827-032	MS9827-033	MS9827-034	MS9827-035	1.03
1.312	.812	.500	MS9827-036	MS9827-037	MS9827-038	MS9827-039	MS9827-040	1.07
1.375	.875	.500	MS9827-041	MS9827-042	MS9827-043	MS9827-044	MS9827-045	1.11
1.438	.938	.500	MS9827-046	MS9827-047	MS9827-048	MS9827-049	MS9827-050	1.15
1.500	1.000	.500	MS9827-051	MS9827-052	MS9827-053	MS9827-054	MS9827-055	1.19
1.562	1.062	.500	MS9827-056	MS9827-057	MS9827-058	MS9827-059	MS9827-060	1.23
1.625	1.125	.500	MS9827-061	MS9827-062	MS9827-063	MS9827-064	MS9827-065	1.27
1.688	1.188	.500	MS9827-066	MS9827-067	MS9827-068	MS9827-069	MS9827-070	1.31
1.750	1.250	.500	MS9827-071	MS9827-072	MS9827-073	MS9827-074	MS9827-075	1.35
1.812	1.312	.500	MS9827-076	MS9827-077	MS9827-078	MS9827-079	MS9827-080	1.39

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 MICROINCHES.

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 ± .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 AEROSPACE PART STANDARDS DIV.

P.A. Air Force - II Other Cast Navy - AS	TITLE STUD-STEPPED, 2 DIA ENGAGEMENT, STEEL .250-20 UNJS x .190-32 UNJF	MILITARY STANDARD MS9827
PROCUREMENT SPECIFICATION AMS 7456	SUPERSEDES:	SHEET 1 OF 1

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

Review activities:
Air Force - 82

APPROVED 27 Aug 71 REVISED

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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