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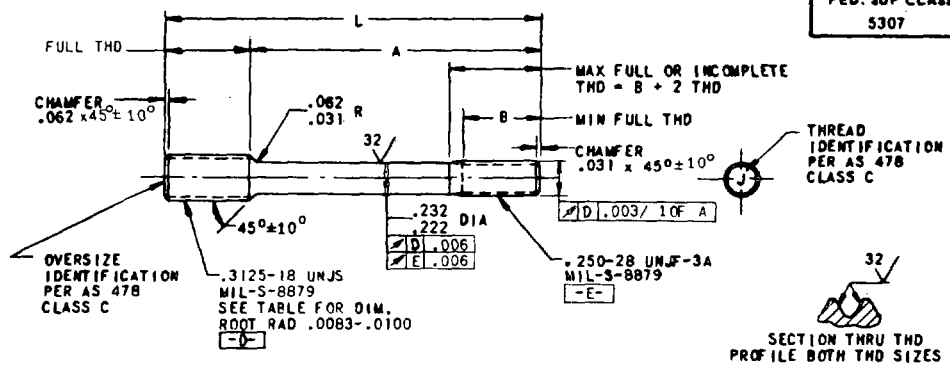
MS9828

FED. SUP CLASS 5307



OVERSIZE IDENTIFICATION			STANDARD	+.003 (3)	+.006 (6)	+.009 (9)	+.012 (12)	STANDARD
MAJOR DIAMETER			.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	APPROX WEIGHT LBS/100
L	A	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	
1.188	.562	.438	MS9828-011	MS9828-012	MS9828-013	MS9828-014	MS9828-015	1.75
1.250	.625	.500	MS9828-016	MS9828-017	MS9828-018	MS9828-019	MS9828-020	1.82
1.312	.688	.562	MS9828-021	MS9828-022	MS9828-023	MS9828-024	MS9828-025	1.90
1.375	.750	.562	MS9828-026	MS9828-027	MS9828-028	MS9828-029	MS9828-030	1.97
1.438	.812	.656	MS9828-031	MS9828-032	MS9828-033	MS9828-034	MS9828-035	2.04
1.500	.875	.562	MS9828-036	MS9828-037	MS9828-038	MS9828-039	MS9828-040	2.11
1.562	.938	.688	MS9828-041	MS9828-042	MS9828-043	MS9828-044	MS9828-045	2.18
1.625	1.000	.562	MS9828-046	MS9828-047	MS9828-048	MS9828-049	MS9828-050	2.23
1.688	1.062	.562	MS9828-051	MS9828-052	MS9828-053	MS9828-054	MS9828-055	2.32
1.750	1.125	.562	MS9828-056	MS9828-057	MS9828-058	MS9828-059	MS9828-060	2.40
1.812	1.188	.562	MS9828-061	MS9828-062	MS9828-063	MS9828-064	MS9828-065	2.47
1.875	1.250	.562	MS9828-066	MS9828-067	MS9828-068	MS9828-069	MS9828-070	2.54
1.938	1.312	.562	MS9828-071	MS9828-072	MS9828-073	MS9828-074	MS9828-075	2.61
2.000	1.375	.562	MS9828-076	MS9828-077	MS9828-078	MS9828-079	MS9828-080	2.68
2.062	1.438	.562	MS9828-081	MS9828-082	MS9828-083	MS9828-084	MS9828-085	2.76
2.125	1.500	.562	MS9828-086	MS9828-087	MS9828-088	MS9828-089	MS9828-090	2.83
2.188	1.562	.562	MS9828-091	MS9828-092	MS9828-093	MS9828-094	MS9828-095	2.90
2.250	1.625	.562	MS9828-096	MS9828-097	MS9828-098	MS9828-099	MS9828-100	2.97
2.312	1.688	.562	MS9828-101	MS9828-102	MS9828-103	MS9828-104	MS9828-105	3.04
2.375	1.750	.562	MS9828-106	MS9828-107	MS9828-108	MS9828-109	MS9828-110	3.11
2.438	1.812	.562	MS9828-111	MS9828-112	MS9828-113	MS9828-114	MS9828-115	3.19
2.500	1.875	.562	MS9828-116	MS9828-117	MS9828-118	MS9828-119	MS9828-120	3.26
2.562	1.938	.562	MS9828-121	MS9828-122	MS9828-123	MS9828-124	MS9828-125	3.33
2.625	2.000	.562	MS9828-126	MS9828-127	MS9828-128	MS9828-129	MS9828-130	3.40
2.688	2.062	.562	MS9828-131	MS9828-132	MS9828-133	MS9828-134	MS9828-135	3.47
2.750	2.125	.562	MS9828-136	MS9828-137	MS9828-138	MS9828-139	MS9828-140	3.54
2.812	2.188	.562	MS9828-141	MS9828-142	MS9828-143	MS9828-144	MS9828-145	3.62
2.875	2.250	.562	MS9828-146	MS9828-147	MS9828-148	MS9828-149	MS9828-150	3.69
2.938	2.312	.562	MS9828-151	MS9828-152	MS9828-153	MS9828-154	MS9828-155	3.76
3.000	2.375	.562	MS9828-156	MS9828-157	MS9828-158	MS9828-159	MS9828-160	3.83
3.125	2.500	.562	MS9828-161	MS9828-162	MS9828-163	MS9828-164	MS9828-165	3.97
3.250	2.625	.562	MS9828-166	MS9828-167	MS9828-168	MS9828-169	MS9828-170	4.12
3.375	2.750	.562	MS9828-171	MS9828-172	MS9828-173	MS9828-174	MS9828-175	4.26
3.500	2.875	.562	MS9828-176	MS9828-177	MS9828-178	MS9828-179	MS9828-180	4.40
3.625	3.000	.562	MS9828-181	MS9828-182	MS9828-183	MS9828-184	MS9828-185	4.55

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.

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

APPROVED 27 Aug 71 REVISED

Revise activities: Air Force - 82

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

P.A. Air Force-11	TITLE	MILITARY STANDARD
Other Cust: Navy-AS	STUD-STEPPED, 2 DIA ENGAGEMENT, STEEL .3125-18 UNJS x .250-28 UNJF	MS9828
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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