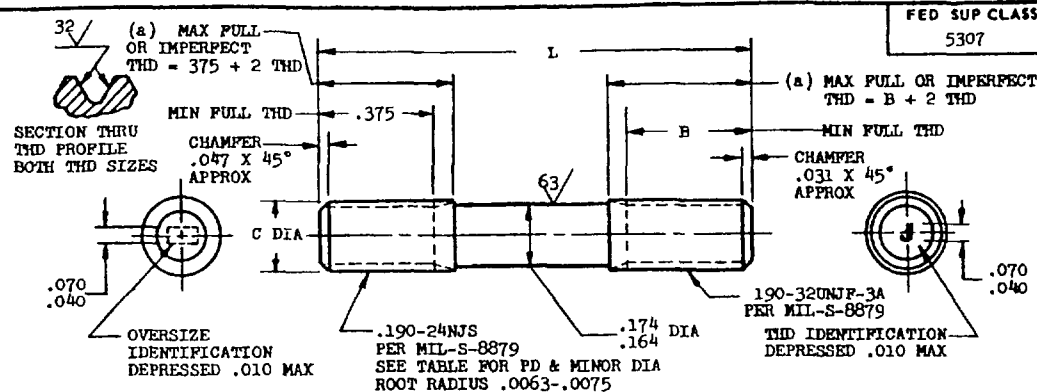


NOTICE—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation the United States Government hereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished information or data in any way supplied for use and drawing, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or organization or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

This standard has been approved by the Bureau of Naval Weapons Department of the Navy and is hereby approved for use by that activity. All other military activities are required to employ this standard where suitable.



OVERSIZE IDENTIFICATION	STANDARD				
	STANDARD	+ .003	+ .006	+ .009	+ .012
C	.185 - .190	.185 - .190	.185 - .190	.194 - .199	.194 - .199
PD BEFORE PLATING	.1665 - .1675	.1695 - .1705	.1725 - .1735	.1755 - .1765	.1785 - .1795
PD AFTER PLATING	.1670 - .1685	.1700 - .1715	.1730 - .1745	.1760 - .1775	.1790 - .1805
PD LEAD THREAD	.1607 - .1627	.1637 - .1657	.1667 - .1687	.1697 - .1717	.1727 - .1747
MINOR DIA	.1434 - .1474	.1464 - .1504	.1494 - .1534	.1524 - .1564	.1554 - .1594
L	B	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
.812	.312	MS17299-011	MS17299-012	MS17299-013	MS17299-014
.875	.375	MS17299-016	MS17299-017	MS17299-018	MS17299-019
.938	.438	MS17299-021	MS17299-022	MS17299-023	MS17299-024
1.000	.500	MS17299-026	MS17299-027	MS17299-028	MS17299-029
1.062	.500	MS17299-031	MS17299-032	MS17299-033	MS17299-034
1.125	.500	MS17299-036	MS17299-037	MS17299-038	MS17299-039
1.188	.500	MS17299-041	MS17299-042	MS17299-043	MS17299-044
1.250	.500	MS17299-046	MS17299-047	MS17299-048	MS17299-049
1.312	.500	MS17299-051	MS17299-052	MS17299-053	MS17299-054
1.375	.500	MS17299-056	MS17299-057	MS17299-058	MS17299-059
1.438	.500	MS17299-061	MS17299-062	MS17299-063	MS17299-064
1.500	.500	MS17299-066	MS17299-067	MS17299-068	MS17299-069
1.562	.500	MS17299-071	MS17299-072	MS17299-073	MS17299-074
1.625	.500	MS17299-076	MS17299-077	MS17299-078	MS17299-079
1.688	.500	MS17299-081	MS17299-082	MS17299-083	MS17299-084

(a) CROSS THREADING PERMISSIBLE AT THREAD RUNOUTS ON SHORT STUDS.

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

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 SPECIFICATION AMS 7456 EXCEPT THREADS AS NOTED.

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  $\pm 0.10$

DO NOT USE UNASSIGNED PART NUMBERS

P.A.	WEP	TITLE	MILITARY STANDARD
Other Cust	NONE	STUD-STRAIGHT .190-24 X .190-32 (MIL-S-8879 THREAD)	MS17299(WEP)
PROCUREMENT SPECIFICATION	NONE	SUPERSEDES	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 7 Sep 1961 REVISED