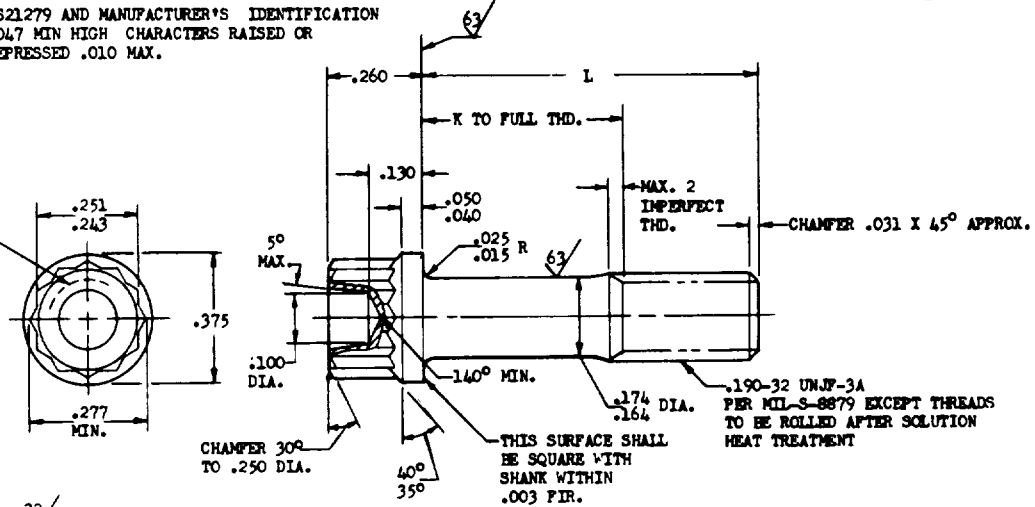


NOTICE—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, 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 corporation 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 Department of the Navy and the Department of the Air Force and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

MS21279 AND MANUFACTURER'S IDENTIFICATION
.047 MIN HIGH CHARACTERS RAISED OR
DEPRESSED .010 MAX.



SECTION THRU THREAD PROFILE

PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21279-03	.312	(a)	.87				
MS21279-04	.375	(a)	.91				
MS21279-05	.438	(a)	.95				
MS21279-06	.500	(a)	.99	MS21279-23	1.562	.938	1.67
MS21279-07	.562	(a)	1.03	MS21279-24	1.625	1.000	1.71
MS21279-08	.625	(a)	1.07	MS21279-25	1.688	1.062	1.75
MS21279-09	.688	(a)	1.11	MS21279-26	1.750	1.125	1.79
MS21279-10	.750	.125	1.15	MS21279-27	1.875	1.250	1.87
MS21279-11	.812	.188	1.19	MS21279-28	2.000	1.375	1.95
MS21279-12	.875	.250	1.23	MS21279-29	2.125	1.500	2.03
MS21279-13	.938	.312	1.27	MS21279-30	2.250	1.625	2.11
MS21279-14	1.000	.375	1.31	MS21279-31	2.375	1.750	2.19
MS21279-15	1.062	.437	1.35	MS21279-32	2.500	1.875	2.27
MS21279-16	1.125	.500	1.39	MS21279-33	2.625	2.000	2.35
MS21279-17	1.188	.562	1.43	MS21279-34	2.750	2.125	2.43
MS21279-18	1.250	.625	1.47	MS21279-35	2.875	2.250	2.51
MS21279-19	1.312	.688	1.51	MS21279-36	3.000	2.375	2.59
MS21279-20	1.375	.750	1.55				
MS21279-21	1.438	.812	1.59				
MS21279-22	1.500	.875	1.63				

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS. EXCEPT INCOMPLETE THREADS NOT TO ENTER FILLET RADIUS.

- NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 FIR. PER INCH OF BOLT LENGTH.
(2) THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
(3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON O.D. SHALL BE WITHIN .011 FIR.

MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5735.
MANUFACTURING SPECIFICATION: AMS 7478 EXCEPT HEADS TO BE FORMED BY HOT OR COLD UPSETTING.
PART SUBJECT TO FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
SURFACE ROUGHNESS: MIL-STD-10 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.
BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED; TOLERANCES; LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
DO NOT USE UNASSIGNED PART NUMBERS.

P.A. Navy - Dep	TITLE	MILITARY STANDARD MS21279 (ASG)
Other Cust Air Force - ASD	BOLT, MACHINE - STEEL, DOUBLE HEXAGON, EXTENDED WASHER, .190-32 (MIL-S-8879 THREAD) (B)	
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1