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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.				FED. SUP CLASS 5306			
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				
<p>(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS. EXCEPT INCOMPLETE THREADS NOT TO ENTER FILLET RADIUS.</p> <p>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.</p> <p>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 <math>\pm .010</math>, ANGULAR DIMENSIONS <math>\pm 5^\circ</math>. DO NOT USE UNASSIGNED PART NUMBERS.</p>							
P.A. Navy - Dep		TITLE				MILITARY STANDARD	
Other Cust: Air Force - ASD		BOLT, MACHINE - STEEL, DOUBLE HEXAGON, EXTENDED WASHER, .190-32 (MIL-S-8879 THREAD) (B)				MS21279 (ASG)	
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:				SHEET 1 OF 1	