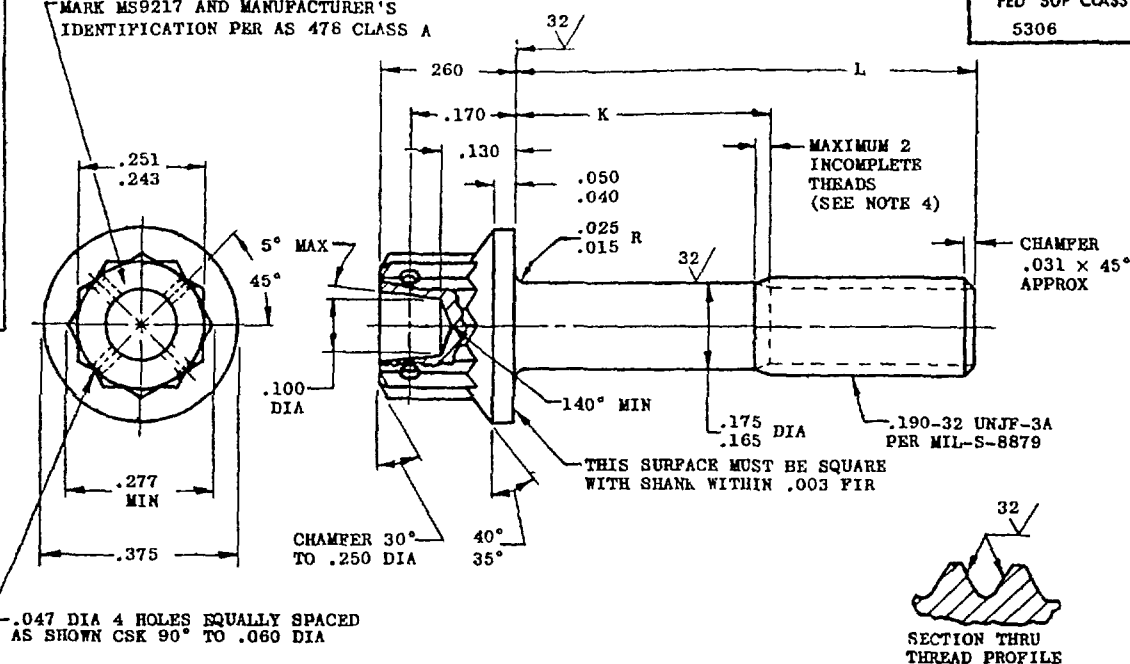


MS9217 (ASG)

MARK MS9217 AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A

FED SUP CLASS
5306SECTION THRU
THREAD PROFILE

PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9217-04	.375	.072-.092	.91	MS9217-22	1.500	.810-.870	1.63
MS9217-05	.438	.072-.092	.95	MS9217-23	1.562	.872-.932	1.67
MS9217-06	.500	.072-.092	.99	MS9217-24	1.625	.935-.995	1.71
MS9217-07	.562	.072-.092	1.03	MS9217-25	1.688	.998-1.058	1.75
MS9217-08	.625	.072-.092	1.07	MS9217-26	1.750	1.060-1.120	1.79
MS9217-09	.688	.072-.092	1.11	MS9217-27	1.875	1.185-1.245	1.87
MS9217-10	.750	.072-.092	1.15	MS9217-28	2.000	1.310-1.370	1.95
MS9217-11	.812	.122-.182	1.19	MS9217-29	2.125	1.435-1.495	2.03
MS9217-12	.875	.185-.245	1.23	MS9217-30	2.250	1.560-1.620	2.11
MS9217-13	.938	.248-.308	1.27	MS9217-31	2.375	1.685-1.745	2.19
MS9217-14	1.000	.310-.370	1.31	MS9217-32	2.500	1.810-1.870	2.27
MS9217-15	1.062	.372-.432	1.35	MS9217-33	2.625	1.935-1.995	2.35
MS9217-16	1.125	.435-.495	1.39	MS9217-34	2.750	2.060-2.120	2.43
MS9217-17	1.188	.498-.558	1.43	MS9217-35	2.875	2.185-2.245	2.51
MS9217-18	1.250	.560-.620	1.47	MS9217-36	3.000	2.310-2.370	2.59
MS9217-19	1.312	.622-.682	1.51				
MS9217-20	1.375	.685-.745	1.55				
MS9217-21	1.438	.748-.808	1.59				

- SHANK SHALL BE STRAIGHT WITHIN $.003$ FIR. PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN $.006$ FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN $.011$ FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: STEEL AMS 6304.
- HARDNESS: ROCKWELL C42-46.
- FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED $.0012$ MAXIMUM BEFORE PLATING.
- MANUFACTURING SPECIFICATION: AMS 7459. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE PLATING.
- SURFACE ROUGHNESS: AS 291 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
- BREAK SHARP EDGES $.003-.016$ UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

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P.A.	USAF - ASD Other Cust Navy - Weps	TITLE BOLT, MACHINE - STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATE, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, .190-32 UNJF-3A	MILITARY STANDARD MS9217 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET	1 OF 1