



SECTION THRU THREAD PROFILE

PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21282-06	.750	(a)	3.74	MS21282-22	1.750	.750	6.44	MS21282-40	4.000	3.000	12.47
				MS21282-23	1.875	.875	6.77	MS21282-41	4.125	3.125	12.80
				MS21282-24	2.000	1.000	7.11	MS21282-42	4.250	3.250	13.13
MS21282-07	.812	(a)	3.90	MS21282-25	2.125	1.125	7.44	MS21282-43	4.375	3.375	13.46
MS21282-08	.875	(a)	4.07	MS21282-26	2.250	1.250	7.78	MS21282-44	4.500	3.500	13.89
MS21282-09	.938	(a)	4.24	MS21282-27	2.375	1.375	8.11	MS21282-45	4.625	3.625	14.23
MS21282-10	1.000	(a)	4.41	MS21282-28	2.500	1.500	8.44	MS21282-46	4.750	3.750	14.56
MS21282-11	1.062	(a)	4.58	MS21282-29	2.625	1.625	8.78	MS21282-47	4.875	3.875	14.89
MS21282-12	1.125	.125	4.75	MS21282-30	2.750	1.750	9.12	MS21282-48	5.000	4.000	15.23
MS21282-13	1.188	.188	4.91	MS21282-31	2.875	1.875	9.46	MS21282-49	5.125	4.125	15.57
MS21282-14	1.250	.250	5.08	MS21282-32	3.000	2.000	9.80	MS21282-50	5.250	4.250	15.90
MS21282-15	1.312	.312	5.25	MS21282-33	3.125	2.125	10.13	MS21282-51	5.375	4.375	16.23
MS21282-16	1.375	.375	5.43	MS21282-34	3.250	2.250	10.47	MS21282-52	5.500	4.500	16.56
MS21282-17	1.438	.438	5.60	MS21282-35	3.375	2.375	10.80	MS21282-53	5.625	4.625	16.89
MS21282-18	1.500	.500	5.76	MS21282-36	3.500	2.500	11.14	MS21282-54	5.750	4.750	17.23
MS21282-19	1.562	.562	5.93	MS21282-37	3.625	2.625	11.47	MS21282-55	5.875	4.875	17.57
MS21282-20	1.625	.625	6.10	MS21282-38	3.750	2.750	11.80	MS21282-56	6.000	5.000	17.91
MS21282-21	1.688	.688	6.27	MS21282-39	3.875	2.875	12.14				

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

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .0025 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 .017 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 $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
DO NOT USE UNASSIGNED PART NUMBERS.

This standard is approved by the USAF and is mandatory for use by Department of the Navy activity. All other military activities are required to comply with this standard where suitable.

APPROVED 1 May 61
REVISED A 23 Oct 61 B 17 Sep 63

P.A. Navy - Wep Other Cust Air Force - ASD	TITLE BOLT, MACHINE - STEEL, DOUBLE HEXAGON, EXTENDED WASHER, .375-24 (MIL-S-8879 THREAD) (B)	MILITARY STANDARD
		MS21282 (ASG)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1