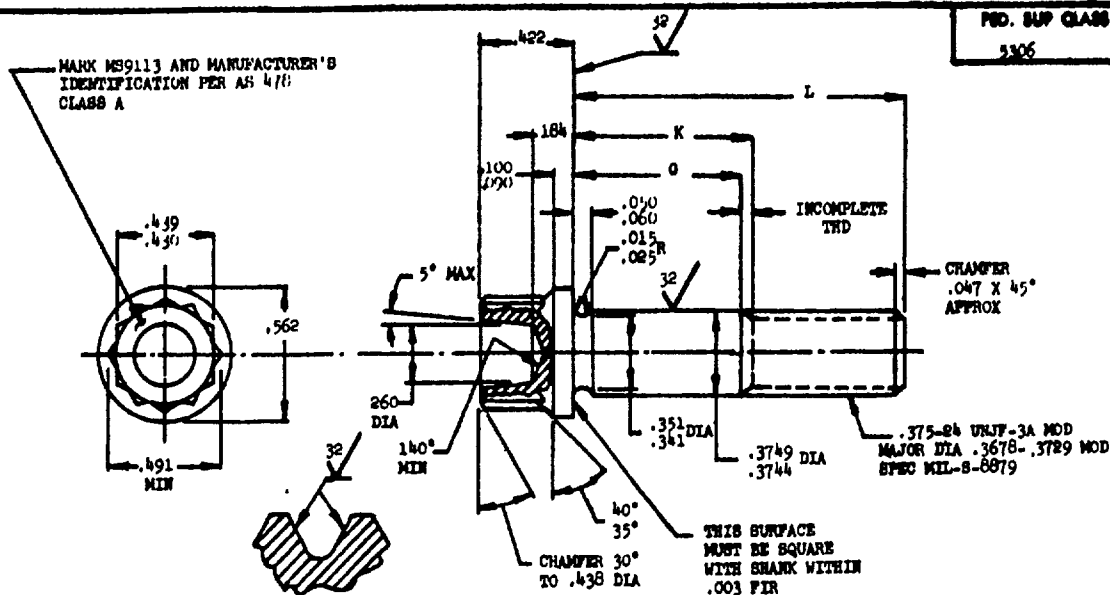


MS9113 (ASG)

SECTION THRU THREAD PROFILE

PART NO.	G GRIP	L LENGTH	K MAX	APPROX WEIGHT LB/100	PART NO.	G GRIP	L LENGTH	K MAX	APPROX WEIGHT LB/100
MS9113-01	.125	.680	.218	3.80	MS9113-19	1.125	1.875	1.218	7.46
MS9113-02	.125	.750	.218	3.96	MS9113-20	1.250	2.000	1.343	7.86
MS9113-03	.125	.812	.218	4.13	MS9113-21	1.375	2.125	1.468	8.26
MS9113-04	.125	.875	.218	4.30	MS9113-22	1.500	2.250	1.593	8.65
MS9113-05	.188	.938	.281	4.50	MS9113-23	1.625	2.375	1.718	9.05
MS9113-06	.250	1.000	.343	4.70	MS9113-24	1.750	2.500	1.843	9.44
MS9113-07	.312	1.062	.405	4.89	MS9113-25	1.875	2.625	1.968	9.84
MS9113-08	.375	1.125	.468	5.09	MS9113-26	2.000	2.750	2.093	10.23
MS9113-09	.437	1.188	.530	5.29	MS9113-27	2.125	2.875	2.218	10.63
MS9113-10	.500	1.250	.593	5.49	MS9113-28	2.250	3.000	2.343	11.02
MS9113-11	.562	1.312	.655	5.68	MS9113-29	2.375	3.125	2.468	11.42
MS9113-12	.625	1.375	.718	5.88	MS9113-30	2.500	3.250	2.593	11.82
MS9113-13	.688	1.438	.781	6.07	MS9113-31	2.625	3.375	2.718	12.21
MS9113-14	.750	1.500	.843	6.28	MS9113-32	2.750	3.500	2.843	12.61
MS9113-15	.812	1.562	.905	6.47	MS9113-33	2.875	3.625	2.968	13.00
MS9113-16	.875	1.625	.968	6.67	MS9113-34	3.000	3.750	3.093	13.40
MS9113-17	.937	1.688	1.030	6.87	MS9113-35	3.125	3.875	3.218	13.79
MS9113-18	1.000	1.750	1.093	7.07	MS9113-36	3.250	4.000	3.343	14.19

- SHANK SHALL BE STRAIGHT WITHIN .0015 FIR PER INCH OF BOLT LENGTH.
- SHANK SHALL BE CONCENTRIC WITH THREAD PD WITHIN .006 FIR, WITH THREAD MAJOR DIAMETER WITHIN .001 FIR, AND WITH WASHER FACE DIAMETER AND DOUBLE HEXAGON WITHIN .017 FIR.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
- MANUFACTURING SPECIFICATION: AMS 7477.
- SURFACE ROUGHNESS: AS P91, UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.
- PART SUBJECT TO FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSION IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$; ANGULAR DIMENSIONS $\pm 3^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

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P.A. USAF - 11	TITLE	MILITARY STANDARD
Other Cust Navy - NP	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, AMS 5731. .375-24 UNJF-3A	MS9113 (ASG)
PROCUREMENT SPECIFICATION	SUPersedes	Sheet 1 of 1