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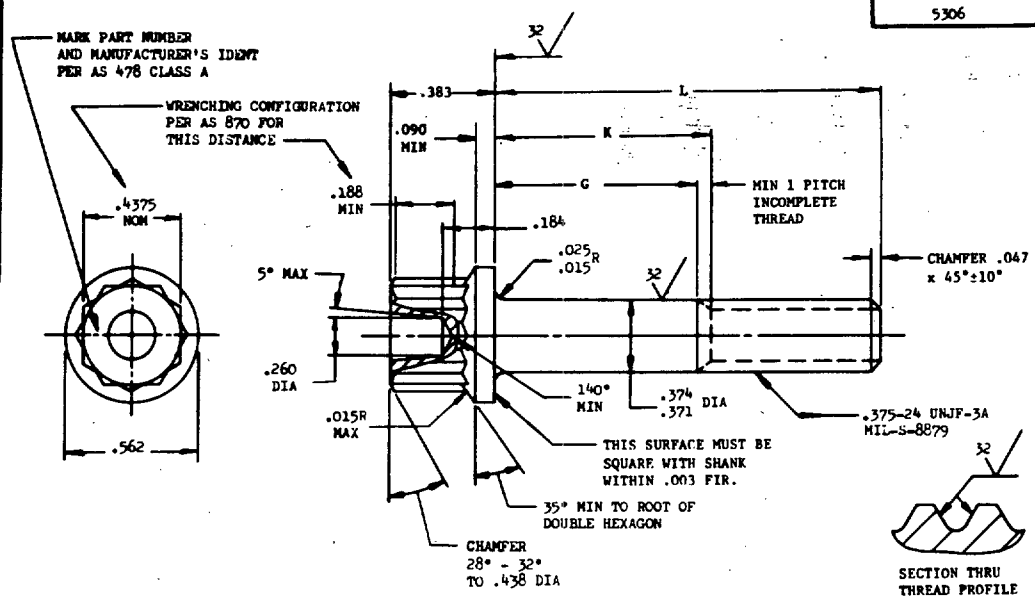
MS9935

FED. SUP CLASS
5306



PART NO.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9935-13	1.188	.045	.188	4.93
MS9935-14	1.250	.107	.250	5.13
MS9935-15	1.312	.169	.312	5.33
MS9935-16	1.375	.232	.375	5.52
MS9935-17	1.438	.295	.438	5.72
MS9935-18	1.500	.357	.500	5.91
MS9935-19	1.562	.419	.562	6.11
MS9935-20	1.625	.482	.625	6.30
MS9935-21	1.688	.545	.688	6.50
MS9935-22	1.750	.607	.750	6.69
MS9935-23	1.812	.669	.812	6.89
MS9935-24	1.875	.732	.875	7.08
MS9935-25	1.938	.795	.938	7.28
MS9935-26	2.000	.857	1.000	7.47
MS9935-27	2.125	.982	1.125	7.86
MS9935-28	2.250	1.107	1.250	8.25

PART NO.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9935-29	2.375	1.232	1.375	8.64
MS9935-30	2.500	1.357	1.500	9.03
MS9935-31	2.625	1.482	1.625	9.42
MS9935-32	2.750	1.607	1.750	9.81
MS9935-33	2.875	1.732	1.875	10.20
MS9935-34	3.000	1.857	2.000	10.59
MS9935-35	3.125	1.982	2.125	10.98
MS9935-36	3.250	2.107	2.250	11.37
MS9935-37	3.375	2.232	2.375	11.76
MS9935-38	3.500	2.357	2.500	12.15
MS9935-39	3.625	2.482	2.625	12.54
MS9935-40	3.750	2.607	2.750	12.93
MS9935-41	3.875	2.732	2.875	13.32
MS9935-42	4.000	2.857	3.000	13.71
MS9935-43	4.125	2.982	3.125	14.10
MS9935-44	4.250	3.107	3.250	14.49
MS9935-45	4.375	3.232	3.375	14.88
MS9935-46	4.500	3.357	3.500	15.27

PART NO.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9935-47	4.625	3.482	3.625	15.66
MS9935-48	4.750	3.607	3.750	16.05
MS9935-49	4.875	3.732	3.875	16.44
MS9935-50	5.000	3.857	4.000	16.83
MS9935-51	5.125	3.982	4.125	17.22
MS9935-52	5.250	4.107	4.250	17.51
MS9935-53	5.375	4.232	4.375	17.90
MS9935-54	5.500	4.357	4.500	18.29
MS9935-55	5.625	4.482	4.625	18.68
MS9935-56	5.750	4.607	4.750	19.07
MS9935-57	5.875	4.732	4.875	19.46
MS9935-58	6.000	4.857	5.000	19.85

1. SHANK SHALL BE STRAIGHT WITHIN .0025 TOTAL 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 OD SHALL BE WITHIN .009 FIR.
4. MATERIAL: STEEL AMS 6322.
5. HARDNESS: ROCKWELL C26-32.
6. FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
7. MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD SHALL BE UPSET.
8. HEAD TO SHANK FILLET SHALL BE COLD WORKED.
9. MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
10. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
11. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
12. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
13. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.

APPROVED 30 Dec 70 REVISED

User activities: Navy - MC, OS

Review activities: Air Force - 82 Navy - AS

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

P.A.	TITLE	MILITARY STANDARD
Other Cust AIR FORCE - 11 NAVY - AS	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, FULL SHANK, STEEL AMS 6322, CADMIUM PLATED, .375-24 UNJF-3A	MS9935
PROCUREMENT SPECIFICATION AMS-7452	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)
ASG use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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