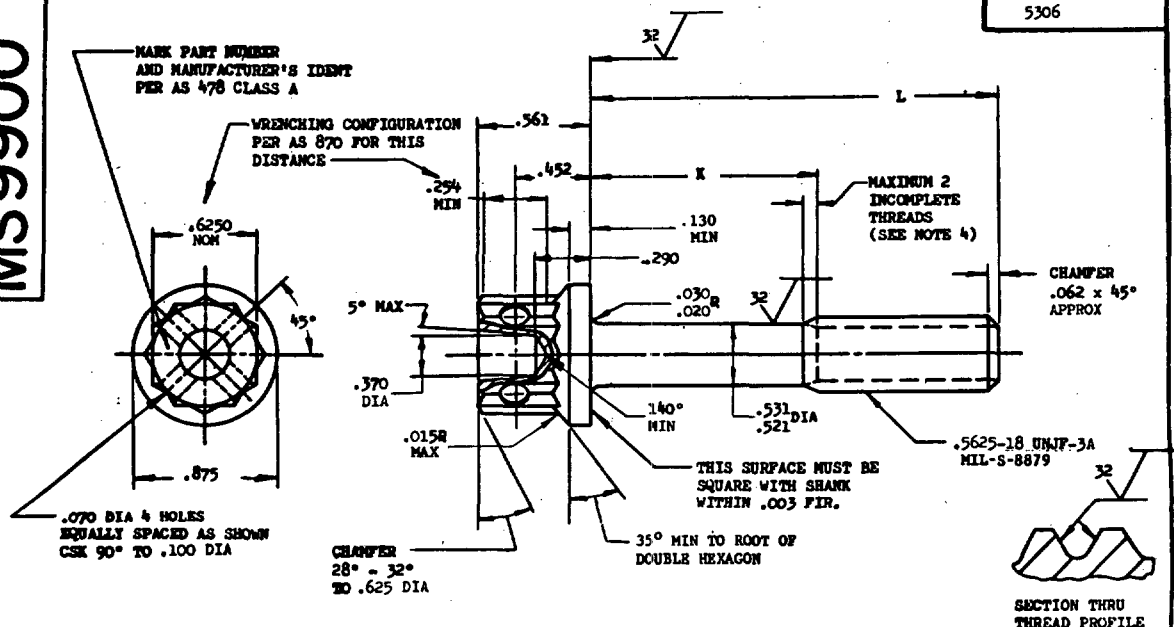


MS9900

FED. SUP CLASS
5306



PART NO.	L	K	APPROX. WEIGHT LB/100	PART NO.	L	K	APPROX. WEIGHT LB/100	PART NO.	L	K	APPROX. WEIGHT LB/100
MS9900-04	.875	.113 - .133	11.52	MS9900-24	2.250	.815- .875	20.08	MS9900-44	4.750	3.315-3.375	36.77
MS9900-05	.938	.113 - .133	11.92	MS9900-25	2.375	.940-1.000	20.87	MS9900-45	4.875	3.440-3.500	37.54
MS9900-06	1.000	.113 - .133	12.30	MS9900-26	2.500	1.065-1.125	21.64	MS9900-46	5.000	3.565-3.625	38.35
MS9900-07	1.062	.113 - .133	12.69	MS9900-27	2.625	1.190-1.250	22.40	MS9900-47	5.125	3.690-3.750	39.14
MS9900-08	1.125	.113 - .133	13.08	MS9900-28	2.750	1.315-1.375	23.09	MS9900-48	5.250	3.815-3.875	39.93
MS9900-09	1.188	.113 - .133	13.45	MS9900-29	2.875	1.440-1.500	23.89	MS9900-49	5.375	3.940-4.000	40.72
MS9900-10	1.250	.113 - .133	13.83	MS9900-30	3.000	1.565-1.625	24.72	MS9900-50	5.500	4.065-4.125	41.51
MS9900-11	1.312	.113 - .133	14.22	MS9900-31	3.125	1.690-1.750	25.51	MS9900-51	5.625	4.190-4.250	42.30
MS9900-12	1.375	.113 - .133	14.61	MS9900-32	3.250	1.815-1.875	26.30	MS9900-52	5.750	4.315-4.375	43.09
MS9900-13	1.438	.113 - .133	15.00	MS9900-33	3.375	1.940-2.000	28.08	MS9900-53	5.875	4.440-4.500	43.88
MS9900-14	1.500	.113 - .133	15.41	MS9900-34	3.500	2.065-2.125	28.87	MS9900-54	6.000	4.565-4.625	44.67
MS9900-15	1.562	.128 - .188	15.80	MS9900-35	3.625	2.190-2.250	29.66				
MS9900-16	1.625	.190 - .250	16.20	MS9900-36	3.750	2.315-2.375	30.45				
MS9900-17	1.688	.252 - .312	16.59	MS9900-37	3.875	2.440-2.500	31.24				
MS9900-18	1.750	.315 - .375	16.95	MS9900-38	4.000	2.565-2.625	32.03				
MS9900-19	1.812	.378 - .438	17.36	MS9900-39	4.125	2.690-2.750	32.82				
MS9900-20	1.875	.440 - .500	17.75	MS9900-40	4.250	2.815-2.875	33.61				
MS9900-21	1.938	.502 - .562	18.16	MS9900-41	4.375	2.940-3.000	34.40				
MS9900-22	2.000	.565 - .625	18.54	MS9900-42	4.500	3.065-3.125	35.19				
MS9900-23	2.125	.690 - .750	19.28	MS9900-43	4.625	3.190-3.250	35.98				

1. SHANK SHALL BE STRAIGHT WITHIN .002 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 .013 FIR.
4. INCOMPLETE THREADS DO NOT ENTER FILLET.
5. MATERIAL: CORROSION RESISTANT STEEL AMS 5616.
6. MANUFACTURING SPECIFICATION: AMS 7470 EXCEPT HEAD SHALL BE UPSET.
7. HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
8. HARDNESS: ROCKWELL C32-38.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. MAGNETIC PARTICLE INSPECTION PER AMS 2640.
11. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
12. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
13. DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS MILITARY STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PROPULSION DIVISION.

PAUSA

Other Cost
Navy - AS

TITLE

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED,
AMS 5616. .5625-18 UNJF-3A

MILITARY STANDARD

MS9900

PROCUREMENT SPECIFICATION

SUPERSEDED:

SHEET **OF**

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306 - P034

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

APPROVED	21 Apr 69	REVISED
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