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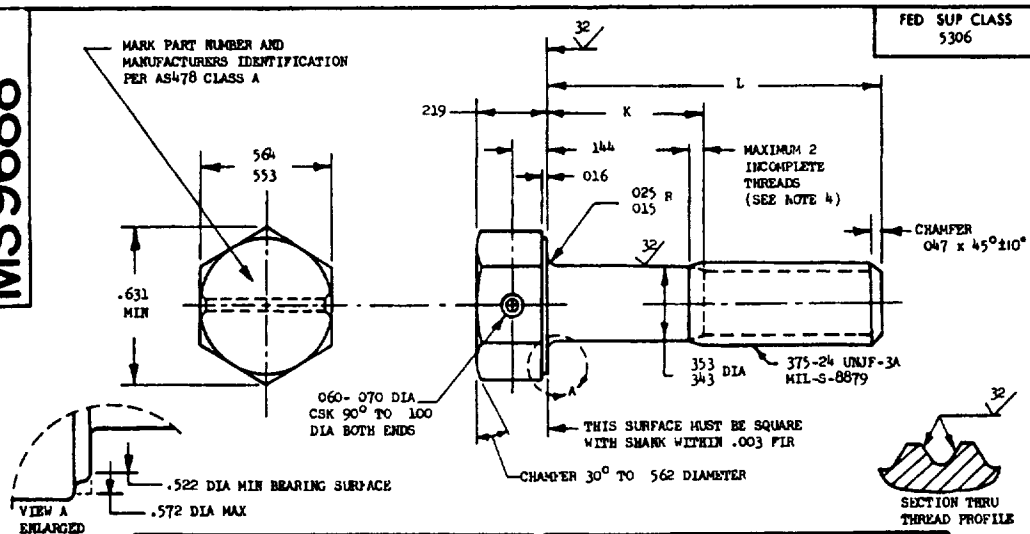
MS9688

FED SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9688-03	562	088- 108	3 18
MS9688-04	625	088- 108	3 35
MS9688-05	688	088- 108	3 52
MS9688-06	750	088- 108	3 69
MS9688-07	812	088- 108	3 86
MS9688-08	875	088- 108	4 03
MS9688-09	938	088- 108	4 20
MS9688-10	1 000	088- 108	4 37
MS9688-11	1 062	088- 108	4 53
MS9688-12	1 125	088- 125	4 70
MS9688-13	1 188	128- 188	4 87
MS9688-14	1 250	190- 250	5 04
MS9688-15	1 312	252- 312	5 21
MS9688-16	1 375	313- 375	5 37
MS9688-17	1 438	378- 438	5 54
MS9688-18	1 500	440- 500	5 71
MS9688-19	1 562	502- 562	5 88
MS9688-20	1 625	565- 625	6 05
MS9688-21	1 688	628- 688	6 21
MS9688-22	1 750	690- 750	6 38
MS9688-23	1 812	752- 812	6 55
MS9688-24	1 875	815- 875	6 72
MS9688-25	1 938	878- 938	6 88
MS9688-26	2 000	940-1 000	7 05
MS9688-27	2 125	1 065-1 125	7 39
MS9688-28	2 250	1 190-1 250	7 73
MS9688-29	2 375	1 315-1 375	8 06
MS9688-30	2 500	1 440-1 500	8 40
MS9688-31	2 625	1 565-1 625	8 73
MS9688-32	2 750	1 690-1 750	9 07
MS9688-33	2 875	1 815-1 875	9 41
MS9688-34	3 000	1 940-2 000	9 74
MS9688-35	3 125	2 065-2 125	10 08
MS9688-36	3 250	2 190-2 250	10 41
MS9688-37	3 375	2 315-2 375	10 75
MS9688-38	3 500	2 440-2 500	11 09
MS9688-39	3 625	2 565-2 625	11 42
MS9688-40	3 750	2 690-2 750	11 76
MS9688-41	3 875	2 815-2 875	12 09
MS9688-42	4 000	2 940-3 000	12 43
MS9688-43	4 125	3 065-3 125	12 77
MS9688-44	4 250	3 190-3 250	13 10
MS9688-45	4 375	3 315-3 375	13 44
MS9688-46	4 500	3 440-3 500	13 77
MS9688-47	4 625	3 565-3 625	14 11
MS9688-48	4 750	3 690-3 750	14 45
MS9688-49	4 875	3 815-3 875	14 78
MS9688-50	5 000	3 940-4 000	15 12
MS9688-51	5 125	4 065-4 125	15 45
MS9688-52	5 250	4 190-4 250	15.79
MS9688-53	5 375	4 315-4 375	16 13
MS9688-54	5 500	4 440-4 500	16 46
MS9688-55	5 625	4 565-4 625	16 80
MS9688-56	5 750	4 690-4 750	17 13
MS9688-57	5 875	4 815-4 875	17 47
MS9688-58	6 000	4 940-5 000	17 81

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 HEXAGON SHALL BE WITHIN .017 FIR
4. INCOMPLETE THREADS NOT TO ENTER FILLET
5. MATERIAL STEEL AMS 6304
6. HARDNESS ROCKWELL C42-46.
7. FINISH DIFFUSED NICKEL CADMIUM PLATE PER AMS 2416 DIMENSIONS SPECIFIED ARE AFTER PLATING CONTACT POINTS PERMISSIBLE
8. MANUFACTURING SPECIFICATION AMS 7459
9. MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE 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 8 Jul 71 REVISED

DoA Air Force - 11 / Other Cust Navy - AS	INTERNATIONAL INTEREST: ASCC AIR STD 17/2	TITLE: BOLT, MACHINE - HEXAGON HEAD DRILLED, 1 HOLE, PD SHANK, STEEL AMS 6304, DIFFUSED NICKEL CADMIUM PLATE, 375-24 UNJF-3A	MILITARY STANDARD MS9688
PROCUREMENT SPECIFICATION AMS7459	SUPERSEDES:		SHEET 1 OF 1

DD FORM 1 NOV 67 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

This standard has been approved by the Department of Air Force and the Department of the Navy and is mandatory for use by their activity. All other military activities are required to employ this standard where suitable