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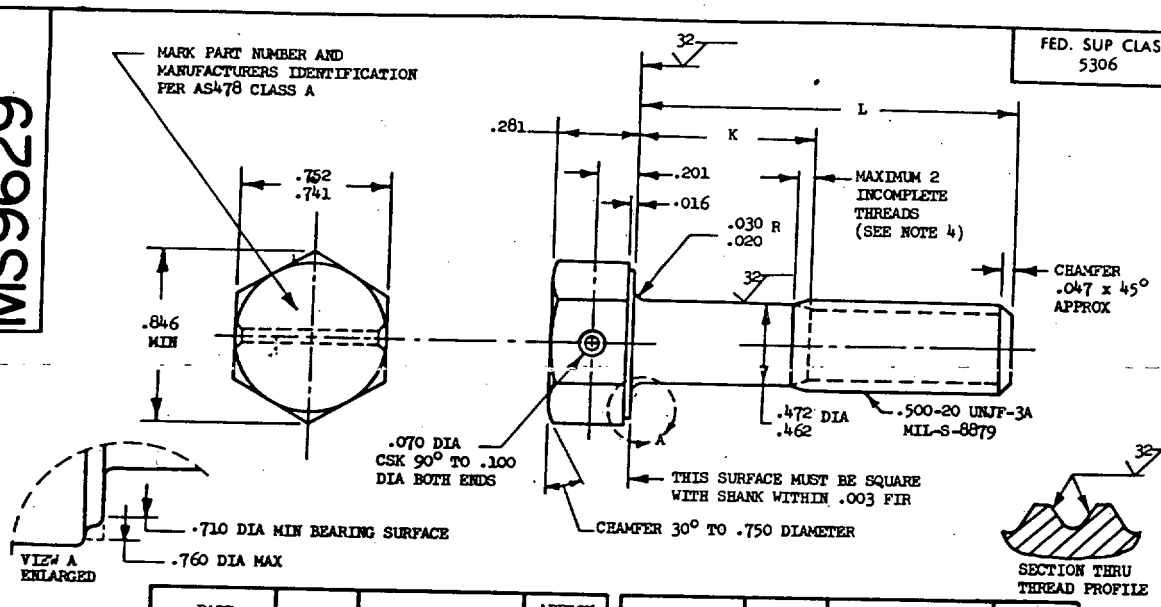
MS9629

FED. SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9629-03	.750	.105- .125	4.46
MS9629-04	.812	.105- .125	4.63
MS9629-05	.875	.105- .125	4.81
MS9629-06	.938	.105- .125	4.98
MS9629-07	1.000	.105- .125	5.16
MS9629-08	1.062	.105- .125	5.34
MS9629-09	1.125	.105- .125	5.51
MS9629-10	1.188	.105- .125	5.68
MS9629-11	1.250	.105- .125	5.85
MS9629-12	1.312	.105- .125	6.03
MS9629-13	1.375	.105- .125	6.20
MS9629-14	1.438	.128- .188	6.37
MS9629-15	1.500	.190- .250	6.54
MS9629-16	1.562	.252- .312	6.71
MS9629-17	1.625	.315- .375	6.88
MS9629-18	1.688	.378- .438	7.06
MS9629-19	1.750	.440- .500	7.23
MS9629-20	1.812	.502- .562	7.40
MS9629-21	1.875	.565- .625	7.57
MS9629-22	1.938	.628- .688	7.75
MS9629-23	2.000	.690- .750	7.92
MS9629-24	2.125	.815- .875	8.26
MS9629-25	2.250	.940-1.000	8.61
MS9629-26	2.375	1.065-1.125	8.96
MS9629-27	2.500	1.190-1.250	9.30
MS9629-28	2.625	1.315-1.375	9.64
MS9629-29	2.750	1.440-1.500	9.98
MS9629-30	2.875	1.565-1.625	10.36

PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9629-31	3.000	1.690-1.750	10.63
MS9629-32	3.125	1.815-1.875	11.02
MS9629-33	3.250	1.940-2.000	11.36
MS9629-34	3.375	2.065-2.125	11.71
MS9629-35	3.500	2.190-2.250	12.05
MS9629-36	3.625	2.315-2.375	12.39
MS9629-37	3.750	2.440-2.500	12.74
MS9629-38	3.875	2.565-2.625	13.08
MS9629-39	4.000	2.690-2.750	13.42
MS9629-40	4.125	2.815-2.875	13.77
MS9629-41	4.250	2.940-3.000	14.12
MS9629-42	4.375	3.065-3.125	14.46
MS9629-43	4.500	3.190-3.250	14.80
MS9629-44	4.625	3.315-3.375	15.14
MS9629-45	4.750	3.440-3.500	15.49
MS9629-46	4.875	3.565-3.625	15.84
MS9629-47	5.000	3.690-3.750	16.18
MS9629-48	5.125	3.815-3.875	16.52
MS9629-49	5.250	3.940-4.000	16.86
MS9629-50	5.375	4.065-4.125	17.21
MS9629-51	5.500	4.190-4.250	17.55
MS9629-52	5.625	4.315-4.375	17.90
MS9629-53	5.750	4.440-4.500	18.24
MS9629-54	5.875	4.565-4.625	18.58
MS9629-55	6.000	4.690-4.750	18.93

1. SHANK SHALL BE STRAIGHT WITHIN .002 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 .023 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: TITANIUM AMS 4967.
6. HARDNESS: ROCKWELL C36-42.
7. MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED.
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
12. DO NOT USE UNASSIGNED PART NUMBERS.

Ⓑ REINSTATED AFTER 27 JUN 84

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

Ⓑ AIR FORCE—82
DLA—IS
Review activities:

APPROVED 3 MAR 70 REVISED Ⓐ 21 DEC 83 Ⓑ 27 JUN 84

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A.	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
AS Ⓑ Other Cust 99	ASCC AIR STD 17/2	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, TITANIUM AMS 4967, .500-20 UNJF-3A	MS9629
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	PAGE 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0846