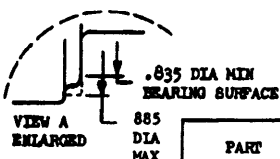
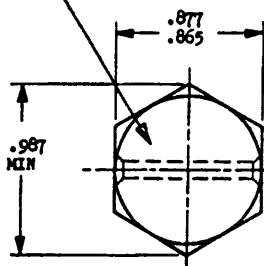


FED. SUP CLASS  
5306**MS9506**MARK PART NUMBER AND MANUFACTURERS  
IDENTIFICATION PER AS 478 CLASS A.070 DIAMETER  
CSK 90° TO .100  
DIA BOTH ENDS

CHAMFER 30° TO .075 DIAMETER

THIS SURFACE MUST BE SQUARE  
WITH SHANK WITHIN .003 FIR

SECTION THROUGH THREAD PROFILE

MAXIMUM 2  
INCOMPLETE  
THREADS  
(SEE NOTE 4)CHAMFER .062 X 45°  
APPROX.562  
.558 DIA .5625-18 UNJF-3A  
NIL-8-8879

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9506-04	.875	.113-.133	11.34	MS9506-31	3.250	1.815-1.875	28.07
MS9506-05	.938	.113-.133	11.78	MS9506-32	3.375	1.940-2.000	28.95
MS9506-06	1.000	.113-.133	12.22	MS9506-33	3.500	2.065-2.125	29.83
MS9506-07	1.062	.113-.133	12.66	MS9506-34	3.625	2.190-2.250	30.71
MS9506-08	1.125	.113-.133	13.10	MS9506-35	3.750	2.315-2.375	31.60
MS9506-09	1.188	.113-.133	13.54	MS9506-36	3.875	2.440-2.500	32.48
MS9506-10	1.250	.113-.133	13.98	MS9506-37	4.000	2.565-2.625	33.36
MS9506-11	1.312	.113-.133	14.42	MS9506-38	4.125	2.690-2.750	34.24
MS9506-12	1.375	.113-.133	14.87	MS9506-39	4.250	2.815-2.875	35.12
MS9506-13	1.438	.113-.133	15.31	MS9506-40	4.375	2.940-3.000	36.00
MS9506-14	1.500	.113-.133	15.75	MS9506-41	4.500	3.065-3.125	36.88
MS9506-15	1.562	.128-.188	16.19	MS9506-42	4.625	3.190-3.250	37.76
MS9506-16	1.625	.190-.250	16.53	MS9506-43	4.750	3.315-3.375	38.64
MS9506-17	1.688	.252-.312	17.07	MS9506-44	4.875	3.440-3.500	39.52
MS9506-18	1.750	.315-.375	17.51	MS9506-45	5.000	3.565-3.625	40.40
MS9506-19	1.812	.378-.438	17.95	MS9506-46	5.125	3.690-3.750	41.28
MS9506-20	1.875	.440-.500	18.39	MS9506-47	5.250	3.815-3.875	42.16
MS9506-21	2.000	.565-.625	19.27	MS9506-48	5.375	3.940-4.000	43.04
MS9506-22	2.125	.690-.750	20.15	MS9506-49	5.500	4.065-4.125	43.92
MS9506-23	2.250	.815-.875	21.03	MS9506-50	5.625	4.190-4.250	44.80
MS9506-24	2.375	.940-1.000	21.91	MS9506-51	5.750	4.315-4.375	45.68
MS9506-25	2.500	1.065-1.125	22.79	MS9506-52	5.875	4.440-4.500	46.56
MS9506-26	2.625	1.190-1.250	23.67	MS9506-53	6.000	4.565-4.625	47.44
MS9506-27	2.750	1.315-1.375	24.55	MS9506-54	1.938	.502-.562	18.83
MS9506-28	2.875	1.440-1.500	25.43				
MS9506-29	3.000	1.565-1.625	26.31				
MS9506-30	3.125	1.690-1.750	27.19				

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 .026 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
8. SURFACE TEXTURE: USAS B46.1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
9. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS  $\pm .010$ , ANGULAR DIMENSIONS  $\pm 5^\circ$ .
11. DO NOT USE UNASSIGNED PART NUMBERS.

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P A AS Other Cust © AV 99	INTERNATIONAL INTL-47	TITLE  BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, AMS 5731, .5625-18 UNJF-3A	MILITARY STANDARD
			<b>MS9506</b>
PROCUREMENT SPECIFICATION NON-	SUPERSEDES:	PAGE 1 OF 1	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0903

This military standard is approved for use by all Departments and Agencies of the Department of Defense.  
Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

Review activities:  
AIR FORCE-82  
DLA - IS

User activities:

APPROVED 5 MAY 1965 REVISED (A) 17 NOV 69 (B) 21 DEC 83 (C) 23 NOV 84