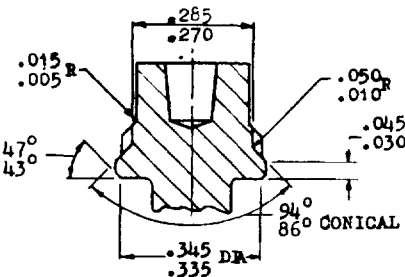
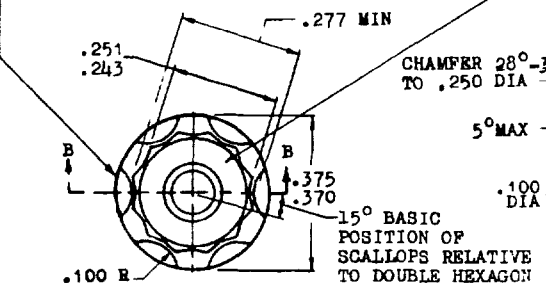


MS9676 (ASG)

6 SCALLOPS EQUALLY
SPACED AND LOCATED
WITHIN .010 EITHER
SIDE OF TRUE POSITION

MARK PART NUMBER
AND MANUFACTURERS IDENT
PER AS 478 CLASS A



SECTION B-B

THIS SURFACE MUST BE
SQUARE WITH SHANK
WITHIN .003 FIR

SECTION THRU
THREAD PROFILE

FED SUP CLASS
5306

MAX 2 INCOMPLETE
THREADS (SEE
NOTE 4)

CHAMFER .031
x 45° APPROX

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9676-03	.312	.072-.092	.90	MS9676-22	1.500	.810-.870	1.69	MS9676-43	3.875	3.185-3.245	3.22
MS9676-04	.375	.072-.092	.96	MS9676-23	1.562	.872-.932	1.73				
MS9676-05	.438	.072-.092	1.00	MS9676-24	1.625	.935-.995	1.77				
MS9676-06	.500	.072-.092	1.04	MS9676-25	1.688	.998-1.058	1.81				
MS9676-07	.562	.072-.092	1.08	MS9676-26	1.750	1.060-1.120	1.85				
MS9676-08	.625	.072-.092	1.12	MS9676-27	1.875	1.185-1.245	1.93				
MS9676-09	.688	.072-.092	1.16	MS9676-28	2.000	1.310-1.370	2.01				
MS9676-10	.750	.072-.120	1.20	MS9676-29	2.125	1.435-1.495	2.09				
MS9676-11	.812	.122-.182	1.24	MS9676-30	2.250	1.560-1.620	2.17				
MS9676-12	.875	.185-.245	1.28	MS9676-31	2.375	1.685-1.745	2.25				
MS9676-13	.938	.248-.308	1.32	MS9676-32	2.500	1.810-1.870	2.33				
MS9676-14	1.000	.310-.370	1.36	MS9676-33	2.625	1.935-.995	2.42				
MS9676-15	1.062	.372-.432	1.40	MS9676-34	2.750	2.060-2.120	2.50				
MS9676-16	1.125	.435-.495	1.45	MS9676-35	2.875	2.185-2.245	2.58				
MS9676-17	1.188	.498-.558	1.49	MS9676-36	3.000	2.310-2.370	2.66				
MS9676-18	1.250	.560-.620	1.53	MS9676-37	3.125	2.435-2.495	2.74				
MS9676-19	1.312	.622-.682	1.57	MS9676-38	3.250	2.560-2.620	2.82				
MS9676-20	1.375	.685-.745	1.61	MS9676-39	3.375	2.685-2.745	2.90				
MS9676-21	1.438	.748-.808	1.65	MS9676-40	3.500	2.810-2.870	2.98				
				MS9676-41	3.625	2.935-2.995	3.06				
				MS9676-42	3.750	3.060-3.120	3.14				

1. SHANK SHALL BE STRAIGHT WITHIN .003 FIR 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 .006 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
7. MANUFACTURING SPECIFICATION: AMS 7477.
8. SURFACE ROUGHNESS: AS 291, UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
9. BREAK SHARP EDGES .003 TO .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.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

PA USAF - 11 Other Cost Navy - WP	TITLE BOLT, MACHINE-ORNS AMS 5731, DOUBLE HEXAGON EXTENDED WASHER HEAD, CUPWASHER LOCKED, .190-32 UNJF-3A	MILITARY STANDARD MS9676 (ASG)
PROCUREMENT SPECIFICATIONS NONE	SUPersedes:	SHEET 1 OF 1

Review activities: USAF - 11 Navy - WP
This standard has been approved by the Department of the Air Force and the Department of the Navy and is mandatory for use by their activities. All other military activities are required to employ this standard where suitable.

REVISED
APPROVED 18 MAY 65