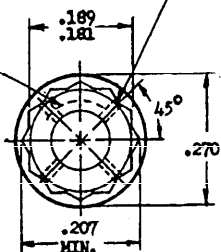
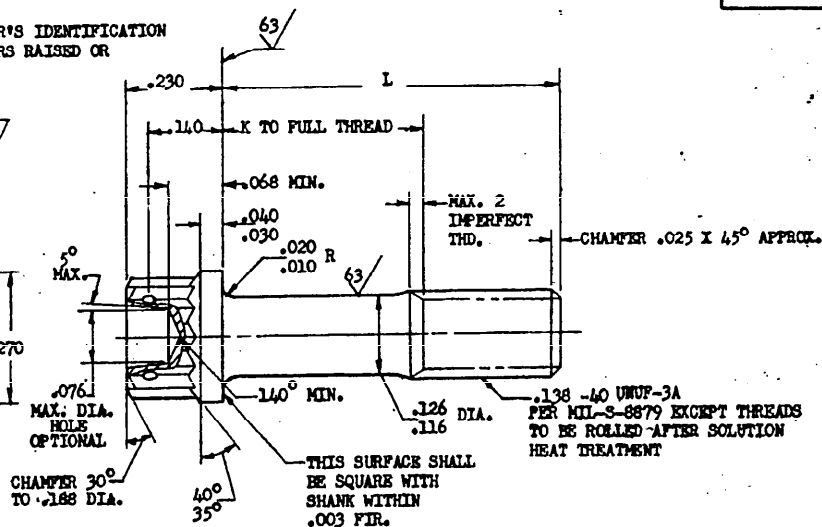


MS21286 AND MANUFACTURER'S IDENTIFICATION
.090 MIN. HIGH CHARACTERS RAISED OR
DEPRESSED .010 MAX.

.047 DIA. 4 HOLES
EQUALLY SPACED AS
SHOWN CSK 90° TO
.060 DIA.



SECTION THRU THREAD PROFILE



PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100	PART NO.	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21286-02	.250	(a)	.30	MS21286-19	1.312	.790	.68
MS21286-03	.312	(a)	.32	MS21286-20	1.375	.812	.70
MS21286-04	.375	(a)	.34	MS21286-21	1.438	.875	.73
MS21286-05	.438	(a)	.37	MS21286-22	1.500	.938	.75
MS21286-06	.500	(a)	.39				
MS21286-07	.562	(a)	.41				
MS21286-08	.625	(a)	.44				
MS21286-09	.688	.125	.46				
MS21286-10	.750	.188	.48				
MS21286-11	.812	.250	.50				
MS21286-12	.875	.312	.52				
MS21286-13	.938	.375	.55				
MS21286-14	1.000	.438	.57				
MS21286-15	1.062	.500	.59				
MS21286-16	1.125	.562	.61				
MS21286-17	1.188	.625	.64				
MS21286-18	1.250	.688	.66				

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS. EXCEPT INCOMPLETE THREADS NOT TO ENTER FILLET RADIUS.

- NOTE: (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 .009 FIR.

MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5735

MANUFACTURING SPECIFICATION: AMS 7478 EXCEPT HEADS TO BE FORMED BY HOT OR COLD UPSETTING
PART SUBJECT TO FLUORESCENT PENETRANT INSPECTION PER AMS 2645

SURFACE ROUGHNESS: MIL-STD-10. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES.

BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED; TOLERANCES; LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$
DO NOT USE UNASSIGNED PART NUMBERS.

This standard has been approved by the Bufilep (Department of the Navy) and the Department of the USAF and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

P.A. Navy - Wep
Other Cust Air Force - ASD

TITLE

SCREW, MACHINE - STEEL, DRILLED DOUBLE HEXAGON,
EXTENDED WASHER, .138-40
(MIL-S-8879 THREAD) (B)

MILITARY STANDARD

MS21286(ASG)

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES:

SHEET 1 OF 1

APPROVED 1 MAY 61 REVISED 4 23 Oct 61 (B) 17 Sep 63