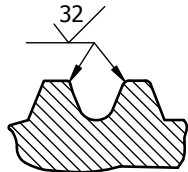
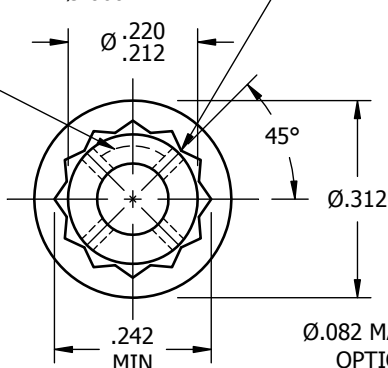


FED. SUPPLY CLASS

5306

MS21287 AND MANUFACTURER'S IDENTIFICATION
.030 MIN. HIGH CHARACTERS RAISED OR
DEPRESSED .010 MAX.

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



SECTION THRU THREAD PROFILE

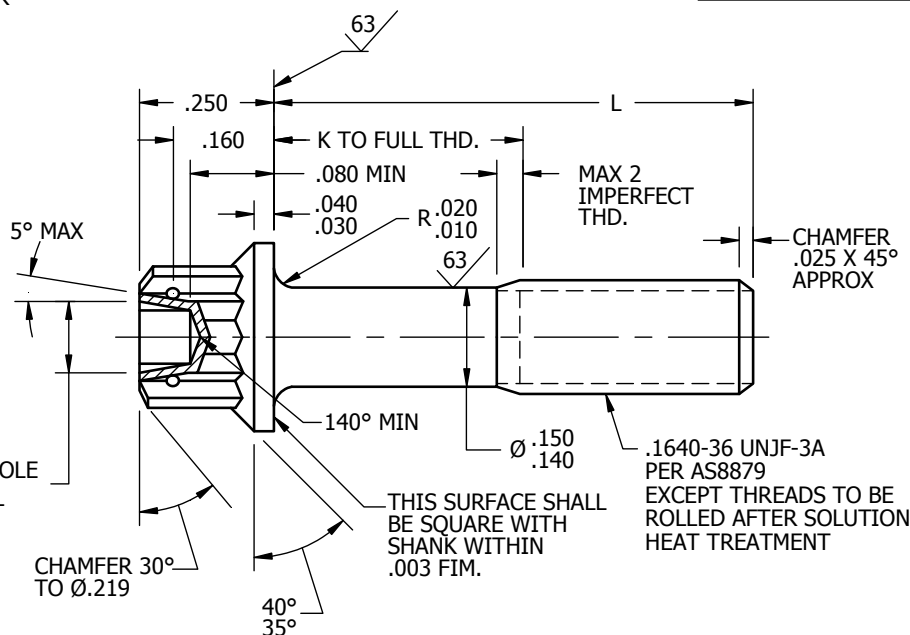


TABLE I - DIMENSIONS

PART NUMBER	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21287-02	.250	/4/	.43
MS21287-03	.312	/4/	.46
MS21287-04	.375	/4/	.49
MS21287-05	.438	/4/	.52
MS21287-06	.500	/4/	.55
MS21287-07	.562	/4/	.58
MS21287-08	.625	/4/	.61
MS21287-09	.688	/4/	.64
MS21287-10	.750	.125	.67
MS21287-11	.812	.188	.70
MS21287-12	.875	.250	.74
MS21287-13	.938	.312	.77
MS21287-14	1.000	.375	.80
MS21287-15	1.062	.438	.83
MS21287-16	1.125	.500	.86
MS21287-17	1.188	.562	.90
MS21287-18	1.250	.625	.92

PART NUMBER	L	K +.000 -.060	APPROX. WEIGHT LB/100
MS21287-19	1.312	.688	.95
MS21287-20	1.375	.750	.98
MS21287-21	1.438	.812	1.01
MS21287-22	1.500	.875	1.04
MS21287-23	1.562	.938	1.08
MS21287-24	1.625	1.000	1.11
MS21287-25	1.688	1.062	1.14
MS21287-26	1.750	1.125	1.17
MS21287-27	1.875	1.250	1.23
MS21287-28	2.000	1.375	1.29

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21287, REVISION B. PART NUMBERS REMAIN MS21287.



THIRD
ANGLE
PROJECTION

PROCUREMENT
SPECIFICATION

NONE

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE

**SCREW, MACHINE, STEEL, DRILLED DOUBLE HEXAGON,
EXTENDED WASHER, .1640-36, (AS8879 THREAD)**

①

REVISION
1

CLASSIFICATION
PART STANDARD

MS21287
SHEET 1 OF 2

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

REVISION DATE: JULY 29, 2011

ISSUE DATE: SEPTEMBER 1999

MATERIAL:

CORROSION AND HEAT RESISTANT STEEL (UNS S66286) PER ~~AMS5735~~ AMS5732.

NOTES:

- (1) SHANK SHALL BE STRAIGHT WITHIN .003 FIM PER INCH OF BOLT LENGTH.
- (2) THE CONCENTRICITY OF THREAD PITCH DIAMETER IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIM.
- (3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OUTSIDE DIAMETER SHALL BE WITHIN .010 FIM.
- /4/ THREAD TO HEAD, MAXIMUM TWO IMPERFECT THREADS, EXPECT INCOMPLETE THREADS NOT TO ENTER FILLET RADIUS.
- (5) MANUFACTURING SPECIFICATION: AS7478 EXCEPT HEADS TO BE FORMED BY HOT OR COLD UPSETTING.
- (6) PART SUBJECT TO FLUORESCENT PENETRANT INSPECTION PER ASTM E1417.
- (7) SURFACE ROUGHNESS: UNLESS OTHERWISE SPECIFIED: 125 MICROINCHES Ra PER ASME B46.1. SURFACE TEXTURE SYMBOLS SHALL BE IN ACCORDANCE WITH ASME Y14.36M.
- (8) REMOVE ALL BURRS AND BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- (9) DIMENSIONS IN INCHES.
- (10) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$; ANGLES $\pm 5^\circ$.
- (11) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (12) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (13) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (14) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (15) DO NOT USE UNASSIGNED PART NUMBERS.

① COMPLETELY REVISED

REVISION
1
NASM21287
SHEET 2

