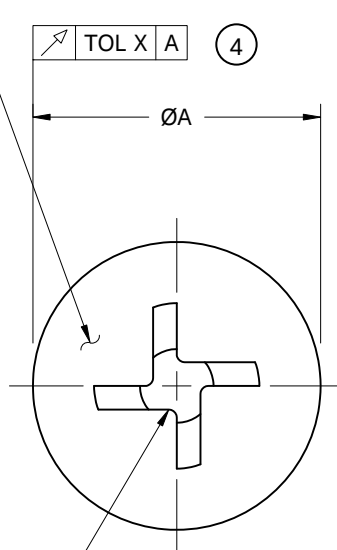


FED. SUPPLY CLASS

5305

HEAD MARKING PER
NA0043, TYPE II



OFFSET CRUCIFORM RECESS
PER NA0025 /10/

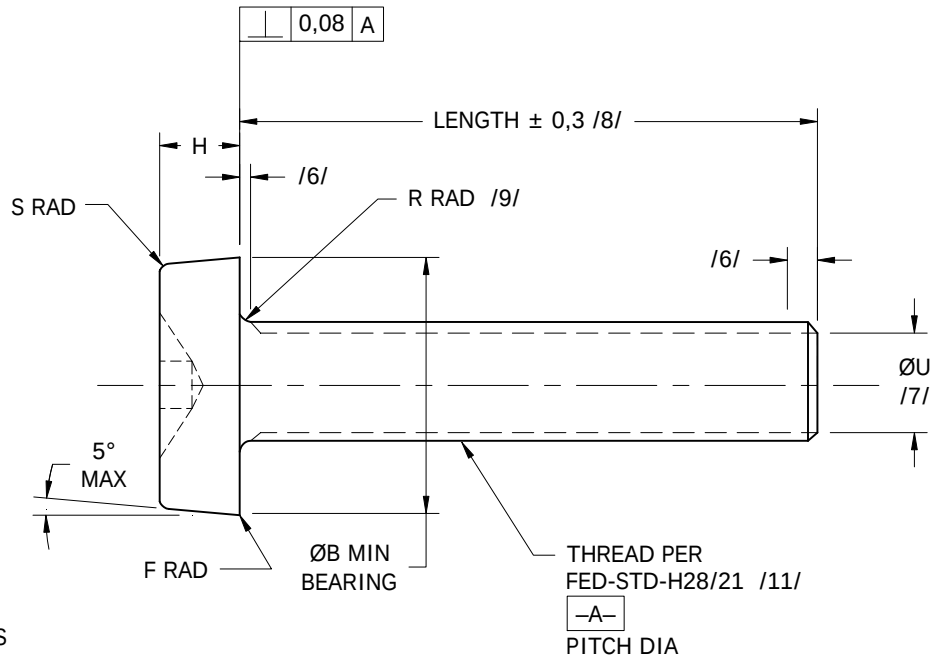


TABLE I – DIMENSIONS

DIA CODE	THREAD 4h6h	ØA	ØB MIN	F RAD	H	R RAD	S RAD	ØU	X	OFFSET CRUCIFORM RECESS	
										NO.	INSPECTION TORQUE Nm /10/
030	MJ3 x 0,7	6,0 5,7	5,1	0,5 0,2	1,8 1,6	0,4 0,2	1,2 0,3	2,3 1,8	0,11	4	1,8
040	MJ4 x 0,7	8,0 7,7	7,1	0,5 0,2	2,4 2,2	0,4 0,2	1,6 0,4	3,0 2,5	0,14	8	4,2
050	MJ5 x 0,8	10,0 9,7	11,1	0,5 0,2	3,0 2,8	0,5 0,3	2,0 0,5	4,0 3,5	0,18	10	5,6
060	MJ6 x 1	12,0 11,7	11,1	0,5 0,2	3,6 3,3	0,7 0,5	2,4 0,6	4,7 4,2	0,21	1/4	14
080	MJ8 x 1	16,0 15,7	14,7	0,5 0,2	4,8 4,5	0,7 0,5	3,2 0,8	6,7 6,2	0,28	5/16	28
100	MJ10 x 1,25	20,0 19,7	18,7	0,5 0,2	6,0 5,7	0,8 0,6	4,0 1,0	8,4 7,9	0,35	3/8	48

THIRD
ANGLE
PROJECTION

PROCUREMENT
SPECIFICATION

NOTED

CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE

**SCREW, PAN HEAD, OFFSET CRUCIFORM RECESS,
FULL THREAD, ALLOY STEEL, 1100 MPa, METRIC**

REVISION

4

CLASSIFICATION
PART STANDARD

NA0089

SHEET 1 OF 3

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:

REVISION DATE: AUGUST 31, 2015

ISSUE DATE: DECEMBER 1979

MATERIAL:

ALLOY STEEL IN ACCORDANCE WITH THE PROCUREMENT SPECIFICATION.

HEAT TREAT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759:
1100 MPa MINIMUM ULTIMATE TENSILE (36-40 HRC).

FINISH:

CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2 (8-14 μ m THICK).

CODE:

BASIC DRAWING NUMBER FOLLOWED BY A DASH AND THREE DIGITS TO INDICATE NOMINAL DIAMETER
AS TABULATED, AND A SECOND THREE DIGITS TO DESIGNATE NOMINAL LENGTH. SEE TABLE II
FOR LIMITS.

EXAMPLE OF PART NUMBER:

NA0089-060 012

LENGTH CODE 012 = 12 mm LONG. SEE TABLE II.

DIAMETER CODE 060 = $\varnothing$ 6 mm, MJ6 x 1 THREAD

SCREW, PAN HEAD, OFFSET CRUCIFORM RECESS, FULL THREAD, ALLOY STEEL,
1100 MPa, METRIC

NOTES:

- (1) SURFACE ROUGHNESS: BEARING SURFACE OF HEAD, HEAD TO SHANK FILLET AND ALL THREAD
ELEMENTS: 0,8 MICROMETERS Ra; ALL OTHER SURFACES: 3,2 MICROMETERS Ra PER ASME B46.1.
- (2) REMOVE ALL BURRS AND BREAK SHARP EDGES 0,1 TO 0,4.
- (3) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) 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.
- (5) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /6/ INCOMPLETE THREADS IN ACCORDANCE WITH FED-STD-H28/21.
- /7/ POINT SHALL BE FLAT AND CHAMFERED 45° APPROXIMATELY FROM "ØU".

REVISION

4

Documents
SHEET 2



Document Sharing Hub