

FED. SUPPLY CLASS

5306

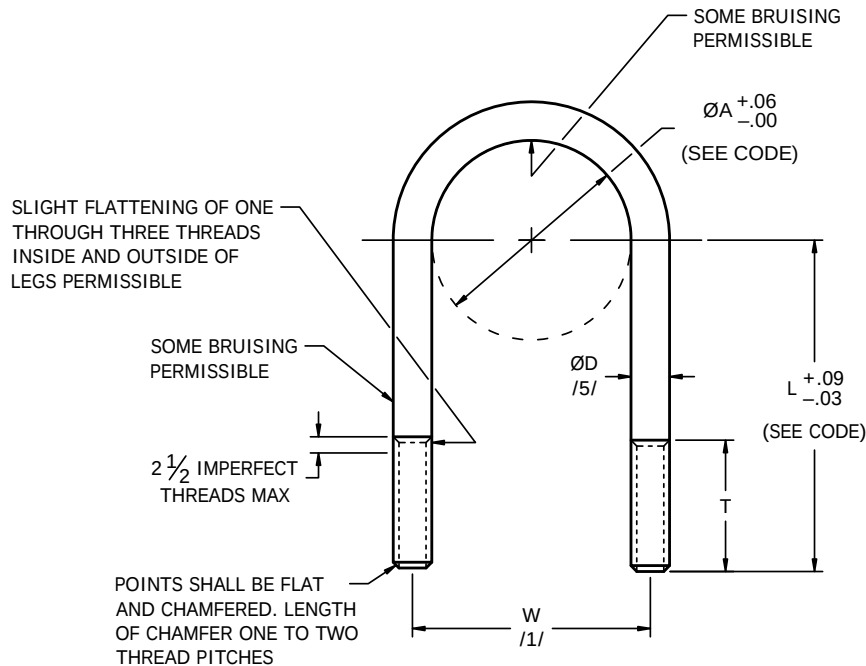


TABLE I – DIMENSIONS

BASIC PART NUMBER	THREAD UNF-2A	ØD STOCK	T FULL THREAD LENGTH	
			MIN	MAX
NAS3103	10-32	3/16	1/2	5/8
NAS3104	1/4-28	1/4	5/8	25/32
NAS3105	5/16-24	5/16	3/4	15/16
NAS3106	3/8-24	3/8	3/4	15/16
NAS3108	1/2-20	1/2	1 1/4	1 9/16
NAS3110	5/8-18	5/8	1 1/4	1 9/16

MATERIAL:

CARBON STEEL PER ASTM A108 (UNS G10180), ASTM A576 (UNS G10180), ASTM A575 (MERCHANT QUALITY), OR ASTM A633/A633M (MERCHANT QUALITY); 55 KSI MIN TENSILE.
CRES PER AMS-S-7720, COMP 302 (UNS S30200) OR TYPE 303Se (UNS S30323) PER ASTM A482/A482M OR ASTM A582/A582M.

④

FINISH:

④ STEEL – CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
CRES – PASSIVATE PER MIL-DTL-5002.

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: MARCH 31, 2015

ISSUE DATE: JUNE 1962

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
		CLASSIFICATION PART STANDARD
PROCUREMENT SPECIFICATION NONE	TITLE BOLT, U	NAS3103 THROUGH NAS3110 SHEET 1 OF 4

CODE:

LETTER FOLLOWING BASIC PART NO. INDICATES MATERIAL: "-" = STEEL

"C" = CRES

FIRST DASH NUMBER INDICATES "ØA" IN EIGHTH INCH INCREMENTS.

SECOND DASH NUMBER INDICATES LENGTH "L" IN EIGHTH INCH INCREMENTS.

EXAMPLE OF PART NUMBER:

NAS3106-20-20 = 3/8-24 U-BOLT, CARBON STEEL, FOR 2 1/2 INCH OD TUBE, ETC, WITH LEG LENGTH OF 2 1/2 INCHES

NAS3110C28-24 = 5/8-18 U-BOLT, CRES, FOR 3 1/2 INCH OD TUBE, ETC, WITH LEG LENGTH OF 3 INCHES

NOTES:

[illegible]

(2) THREADS IN ACCORDANCE WITH MIL-S-7742.

(3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.

(4) REMOVE ALL BURRS AND SHARP EDGES.

/5/ "ØD" SHALL NOT EXCEED MAXIMUM MAJOR DIAMETER NOR BE LESS THAN MINIMUM PITCH DIAMETER OF THREAD.

(6) DIAMETERS AND LENGTHS OTHER THAN SHOWN ON SHEET 2 MAY BE SPECIFIED BY THE USE OF WHOLE DASH NUMBERS ONLY.

(7) ~~PARTS WITH CLASS 3 CADMIUM PLATING MAY BE FURNISHED FROM SUPPLIER'S STOCK UNTIL 15 JULY 1976.~~

(8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

(9) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

④ (10) 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.

(11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

4

NAS3103 THRU NAS3110
SHEET 2



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FORM 12-01