

FED. SUPPLY CLASS

5340

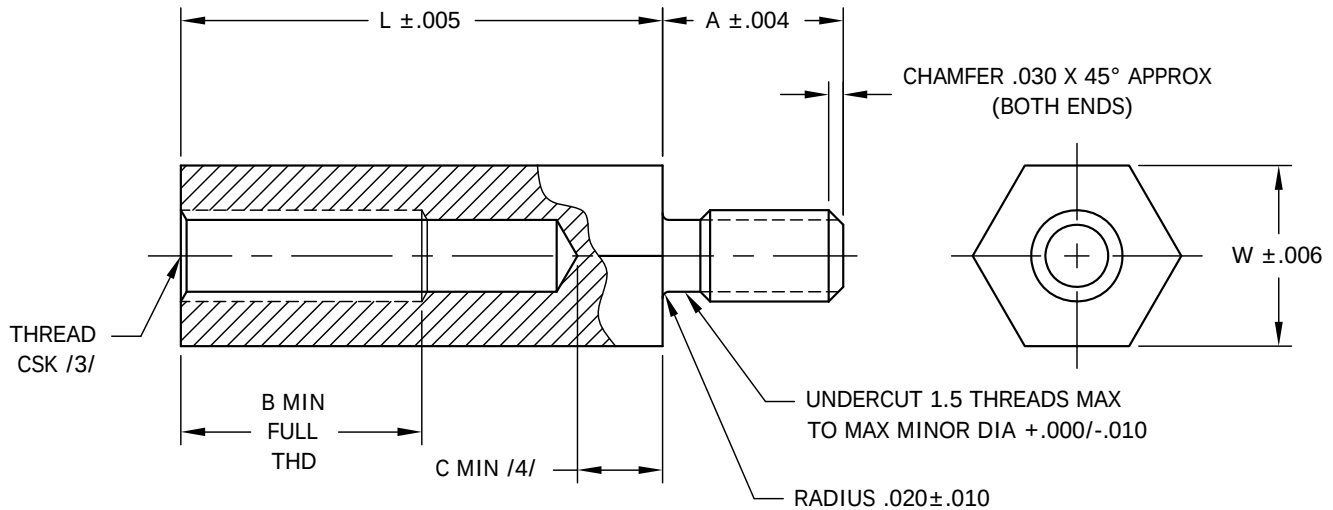


TABLE I – THREAD SIZE CODE/LENGTH

| THREAD /3/ |      | A    | B       | C    |
|------------|------|------|---------|------|
| SIZE       | CODE |      | MIN /3/ | MIN  |
| .0860-56   | 2    | .156 | .188    | .030 |
| .1120-40   | 4    | .188 | .250    | .030 |
| .1380-32   | 6    | .250 | .375    | .040 |
| .1640-32   | 8    | .375 | .438    | .040 |
| .1900-32   | 10   | .375 | .500    | .040 |

**MATERIAL:**

- ⑤ ALUMINUM ALLOY – 6061 (UNS A96061) TEMPER T6 PER ~~AMS-QQ-A-225/8~~ AMS4117, 2024 (UNS A92024) TEMPER T4 PER AMS-QQ-A-225/6, OR 2011 (UNS A92011) TEMPER T4 PER ~~AMS-QQ-A-225/3~~ ASTM B211.  
BRASS PER QQ-B-626, COMPOSITION 11  
CORROSION RESISTANT STEEL (CRES) PER ASTM A582/A582M, TYPE 303 (UNS S30303) OR 303SE (UNS S30323) OR XM-1 (UNS S20300), CONDITION A  
POLYAMIDE (NYLON) PER L-P-410, COMPOSITION 6/6
- ⑤ ALLOY STEEL 4130 (UNS G41300) PER ~~AMS-S-6758~~ AMS6346, 8630 (UNS G86300) PER MIL-S-6050, CONDITION (F), OR 8740 (UNS G87400) PER ~~MIL-S-6049~~ ~~COND (F)~~ AMS6322, AMS6325 OR AMS6327.

**FINISH:**

ANODIC COAT PER MIL-A-8625, TYPE I OR TYPE II, CLASS 1  
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2  
CHEMICAL CONVERSION COAT PER MIL-DTL-5541, CLASS 3  
PASSIVATE PER ~~QQ-P-35~~ AMS2700, METHOD 1, CLASS 4  
TIN PLATE PER MIL-T-10727, ~~TYPE I OR TYPE II~~ OR ASTM B545

|                                       |                                                                           |                                 |
|---------------------------------------|---------------------------------------------------------------------------|---------------------------------|
| THIRD ANGLE PROJECTION                | CUSTODIAN<br>NATIONAL AEROSPACE STANDARDS COMMITTEE                       | REVISION<br><b>5</b>            |
|                                       |                                                                           | CLASSIFICATION<br>PART STANDARD |
| PROCUREMENT SPECIFICATION<br><br>NONE | TITLE<br><br><b>POST, ELECTRICAL, MECHANICAL EQUIPMENT,<br/>STUD TYPE</b> |                                 |



**NAS1829**  
SHEET 1 of 3  
Document Sharing Hub

CODE:

- A = ALUMINUM ALLOY, ANODIC COATED
- AC = ALUMINUM ALLOY, CHEMICAL CONVERSION
- B = BRASS, CADMIUM PLATED
- BT = BRASS, TIN PLATED
- C = CORROSION RESISTANT STEEL, PASSIVATED
- H = POLYAMIDE (NYLON)
- = STEEL, CADMIUM PLATED

EXAMPLE OF PART NUMBER:

NAS1829 - 3 A 08

- LENGTH (CODE IN 16THS OF AN INCH PER TABLE II)
- THREAD COMBINATION CODE PER TABLE II
- HEX SIZE CODE PER TABLE II
- MATERIAL CODE PER CODE SECTION
- BASIC NUMBER

- (5) NAS1829A6E36 = ALUMINUM ALLOY, ANODIC COATED, .375 HEX, .1380-32 UNC-2  
EXTERNAL/INTERNAL THREAD, 2.250 LONG
- NAS1829C4C12 = CRES, PASSIVATED, .250 HEX, .1120-40 UNC-2 EXTERNAL/INTERNAL THREAD,  
.750 LONG
- NAS1829BT4C12 = BRASS, TIN PLATED, .250 HEX, .1120-40 UNC-2 EXTERNAL/INTERNAL THREAD,  
.750 LONG
- NAS1829H6G16 = POLYAMIDE (NYLON), .375 HEX, .1640-32 UNC-2 EXTERNAL/INTERNAL THREAD,  
1.000 LONG

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- /3/ THREADS PER MIL-S-7742, CLASS 2 (UNC OR UNF). COUNTERSINK FOR THREAD RELIEF TO MAXIMUM  
MAJOR THREAD DIAMETER +.020/- .000.
- /4/ POST WITH DASH NUMBER ABOVE THE SOLID LINE IN TABLE II TO BE THREADED AS DEEP AS  
PRACTICABLE WHILE MAINTAINING A MINIMUM OF FOUR THREADS AND DIMENSIONS C MINIMUM  
PER TABLE I.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF  
THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS  
DEPLETED.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) (7) 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.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

5

**NAS1829**  
SHEET 2



Document Sharing Hub

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. ALL RIGHTS RESERVED. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF  
Provided by IHS under license with AIA/NAS. ANY PARTIAL OR APPLICATION OR (2) THE EXISTENCE OF OR APPLICABLE LICENSEE= www.sepana.ir/5991803002, User=sam, albert  
No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 03:55:52 MST. TRADEMARKS RIGHTS.

Full document details: AIA NAS1829 2014