

FED. SUPPLY CLASS

5340

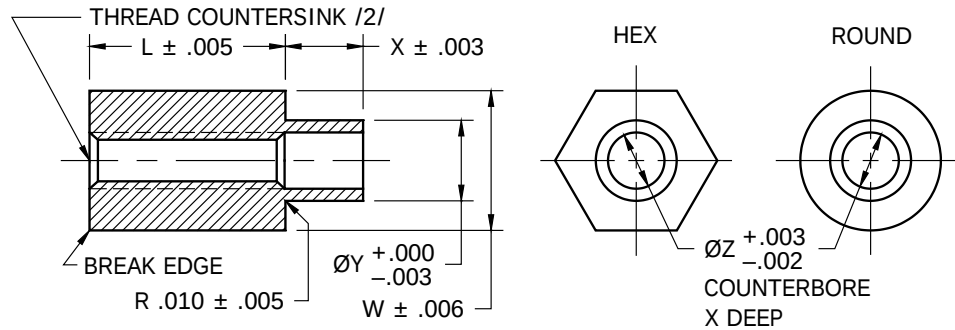


TABLE I – STYLE/LENGTH CODES

W		.156	.188	.250	
		ØY = .125, ØZ = .098	ØY = .139, ØZ = .109	ØY = .188, ØZ = .150	
THREAD /2/		.0860-56	.0860-56	.1120-40	.1380-32
STYLE CODE	HEX	01	02	03	04
	ROUND	11	12	13	14
L LENGTH		CODE			
.125		02	02	02	
.188		03	03	03	
.250		04	04	04	
.313		05	05	05	
.375		06	06	06	
.438		07	07	07	
.500		08	08	08	
.562		–	–	09	
.625		–	–	10	
.750		–	–	12	
.875		–	–	14	
1.000		–	–	16	
1.125		–	–	18	
1.313		–	–	21	
1.375		–	–	22	
1.438		–	–	23	
1.500		–	–	24	

MATERIAL:

ALUMINUM ALLOY: 6061, TEMPER T6 (UNS A96061) PER ~~QQ-A-225/8~~ AMS4116 OR 2024, TEMPER T4 (UNS A92024) PER ~~QQ-A-225/6~~ AMS-QQ-A-225/6 OR 2011, TEMPER T4 (UNS A92011) PER ~~QQ-A-225/3~~ ASTM B211.

- ③ BRASS: 360, HALF HARD TEMPER (UNS C36000) PER ~~QQ-B-626~~ ASTM B36/B36M OR ASTM B16/B16M.
CRES: 303SE (UNS S30323) OR XM-1, CONDITION A (UNS S20300) PER ASTM A582/A582M.
STEEL: 1018 (UNS G10180) PER ASTM A108 OR EQUIVALENT.

FINISH:

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

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	POST, ELECTRICAL-MECHANICAL EQUIPMENT, SWAGE TYPE

REVISION	3
CLASSIFICATION PART STANDARD	NAS1830

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

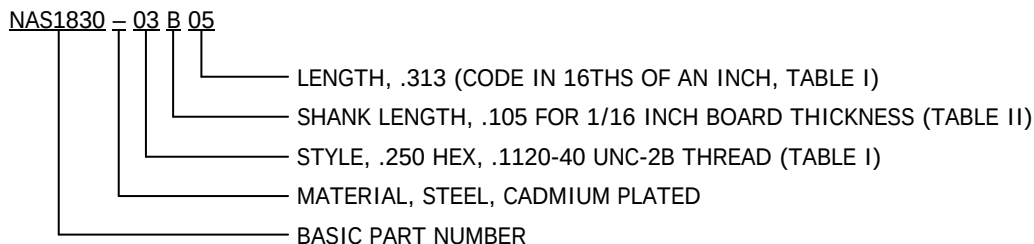
REVISION DATE: MAY 31, 2013

ISSUE DATE: JANUARY 1983

CODE:

- "A" INDICATES ALUMINUM ALLOY, ANODIC COATED.
- "AC" INDICATES ALUMINUM ALLOY, CHEMICAL CONVERSION.
- "B" INDICATES BRASS, CADMIUM PLATED.
- "BT" INDICATES BRASS, TIN PLATED.
- "C" INDICATES CRES, PASSIVATED.
- "—" INDICATES STEEL, CADMIUM PLATED.

EXAMPLES OF PART NUMBER:



- NAS1830A04D08 = ALUMINUM ALLOY, ANODIC COATED, .250 HEX, .1380-32 UNC-2B THREAD, .165 SHANK LENGTH, .500 LONG.
- NAS1830BT04D08 = BRASS, TIN PLATED, .250 HEX, .1380-32 UNC-2B THREAD, .165 SHANK LENGTH, .500 LONG.
- NAS1830C12C05 = CRES PASSIVATED, .188 ROUND, .0860-56 UNC-2B THREAD, .135 SHANK LENGTH, .313 LONG.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) THREADS PER MIL-S-7742, CLASS 2B (UNC OR UNF). COUNTERSINK FOR THREAD RELIEF TO MAXIMUM MAJOR THREAD DIAMETER +.020/- .000.
- (3) POST SHALL SHOW NO VISIBLE CRACKS AFTER SWAGING.
- (4) REMOVE ALL BURRS AND SHARP EDGES.
- (5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (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.

TABLE II - SHANK LENGTH CODE

CODE	A	B	C	D
X	.075	.105	.135	.165
BOARD THICKNESS (REF)	1/32	1/16	3/32	1/8

REVISION

3

NAS1830
SHEET 2



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Full document details: AIA NAS1830 2013