

FED. SUPPLY CLASS

5365

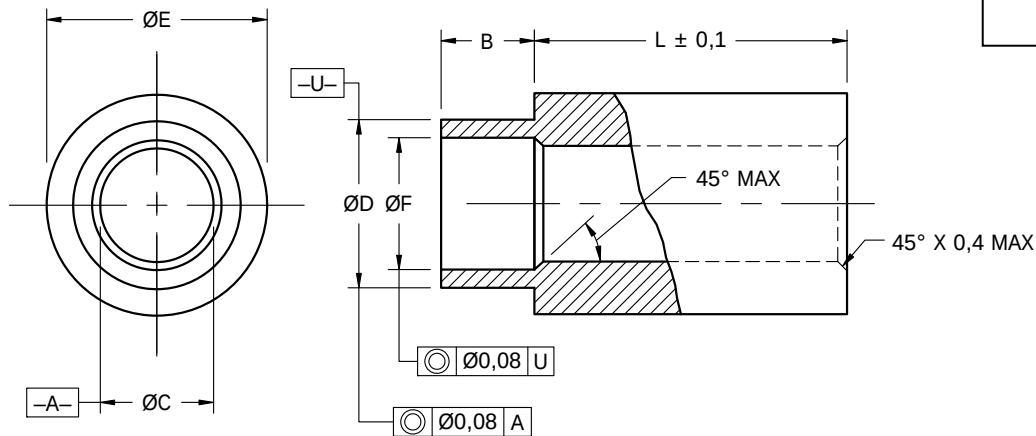


TABLE I – DIMENSIONS

DIAMETER DASH NO	SCREW OR BOLT DIA (REF)	ØE OD	ØD SHANK		ØC ID		ØF CBORE		L LENGTH	
			MIN	MAX	MIN	MAX	MIN	MAX	RANGE	CODE
020	2	4,5	3,45	3,53	2,1	2,3	2,75	2,85	5 THRU 25	005 006 008 010 011 013 014
025	2,5	4,5	3,45	3,53	2,6	2,8	2,75	2,85	5 THRU 25	016 019 022
030	3	6	4,72	4,8	3,1	3,3	3,75	3,85	5 THRU 32	025 027 030
035	3,5	6	4,72	4,8	3,6	3,8	3,75	3,85	5 THRU 51	032 035 038
035	3,5	8	5,82	5,9	3,6	3,8	5,05	5,15	10 THRU 51	041 044
040	4	8	5,82	5,9	4,1	4,3	5,05	5,15	10 THRU 51	048 051

TABLE II – LENGTH CODE LETTERS

B CODE LETTER	B LENGTH ± 0,1	BOARD THICKNESS (REF)
A	1,90	0,8
B	2,70	1,6
C	3,40	2,4
D	4,20	3,2

① COMPLETELY REVISED

FORM 09-01	THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
	PROCUREMENT SPECIFICATION	TITLE SPACER, STEPPED, SWAGE TYPE, METRIC	CLASSIFICATION PART STANDARD
	NONE		NA0231 THRU NA0233 SHEET 1 OF 2

MATERIAL:

BASIC PART NUMBER	MATERIAL
NA0231	ALUMINUM ALLOY
NA0232	CRES
NA0233	BRASS

ALUMINUM ALLOY 2024 (UNS A92024), TEMPER T4, PER ~~QQ-A-200/3~~ AMS-QQ-A-200/3 OR ~~QQ-A-225/6~~ AMS-QQ-A-225/6.

CRES, TYPE 303Se (UNS S30323), CONDITION "A", PER ASTM A582/A582M.

BRASS ALLOY NO. 360 (UNS C36000), HALF HARD, PER ~~QQ-B-626~~ ASTM B16/B16M.

FINISH:

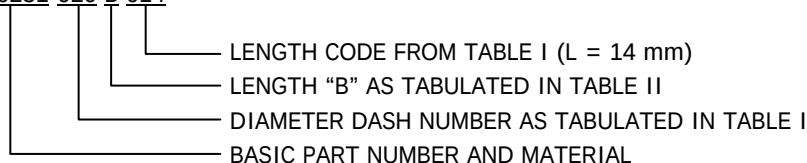
ALUMINUM ALLOY – ANODIC COATING PER MIL-A-8625, TYPE I OR TYPE II, CLASS 1.

CRES – PASSIVATION TREATMENT PER AMS2700, METHOD 1, CLASS 4.

BRASS – CADMIUM PLATING PER AMS-QQ-P-416, TYPE II, CLASS 2.

EXAMPLES OF PART NUMBER:

NA0231-020 B 014



NA0231-020B006 = STEPPED SPACER FOR 2 mm SCREW OR BOLT DIAMETER, 4,5 mm SPACER OD, 3,45-3,53 mm SHANK OD, 2,75-2,85 mm CBORE DIAMETER, 2,1-2,3 mm SPACER ID, 2,7 mm SHANK LENGTH, 6mm SPACER LENGTH OF ALUMINUM ALLOY MATERIAL.

NA0232-030C010 = STEPPED SPACER FOR 3 mm SCREW OR BOLT DIAMETER, 6 mm SPACER OD, 4,72-4,8 mm SHANK OD, 3,75-3,85 mm CBORE DIAMETER, 3,1-3,3 mm SPACER ID, 3,40 mm SHANK LENGTH, 10 mm SPACER LENGTH OF CRES MATERIAL.

NOTES:

- (1) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) REMOVE ALL BURRS AND BREAK SHARP EDGES 0,13 MAX EXCEPT WHERE NOTED.
- (3) SURFACE ROUGHNESS SHALL NOT EXCEED 3,2 Ra PER ASME B46.1.
- (4) COUNTERBORE "ØF", TO DEPTH "B".
- (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.

① COMPLETELY REVISED

REVISION
1
NA0231 THRU NA0233
SHEET 2



Documents
Document Sharing Hub