

FED. SUPPLY CLASS

5365

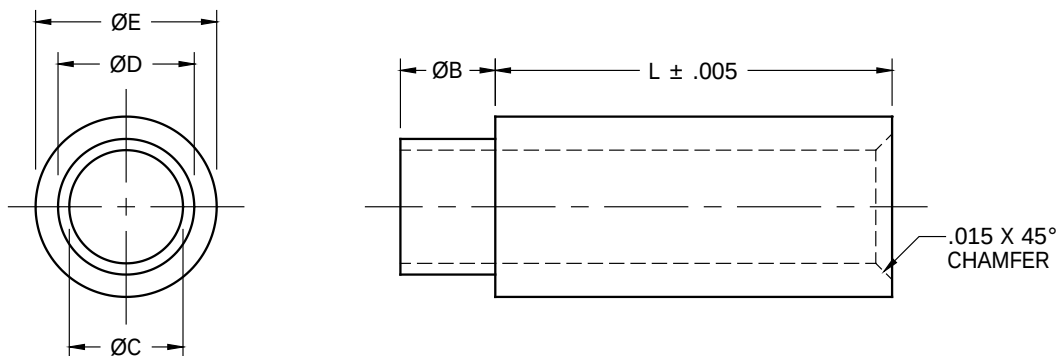


TABLE I – DIMENSIONS FOR SIZES

DIAMETER DASH NUMBER	SCREW OR BOLT DIAMETER (REF)	ØC +.003 −.000	ØD +.000 −.003	ØE ±.005
00	.060	.065	.090	.125
02	.086	.098	.125	.156
02A	.086	.098	.125	.188
03	.099	.111	.139	.188
03A	.099	.111	.139	.250
04	.112	.124	.159	.250
04A	.112	.124	.188	.250
06	.138	.150	.188	.250
06A	.138	.150	.188	.313
08	.164	.176	.209	.313
08A	.164	.176	.209	.375
3	.190	.202	.234	.375
3A	.190	.202	.234	.437

MATERIAL:

CRES, TYPE 303 Se, CONDITION A (UNS S30323) PER ASTM A582/A582M OR TYPE 2 (UNS S30323) PER AMS5640.

BRASS, TEMPER H02 (UNS C36000) PER ASTM B16/B16M.

ALUMINUM ALLOY, 2024 TEMPER T4 (UNS A92024) PER QQ-A-200/3 AMS-QQ-A-200/3 OR QQ-A-226/6 AMS-QQ-A-225/6.

③ COMPLETELY REVISED

FORM 09-01	THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
	PROCUREMENT SPECIFICATION	TITLE SPACER, STEPPED, SWAGE TYPE	CLASSIFICATION PART STANDARD
	NONE		NAS186 SHEET 1 OF 3

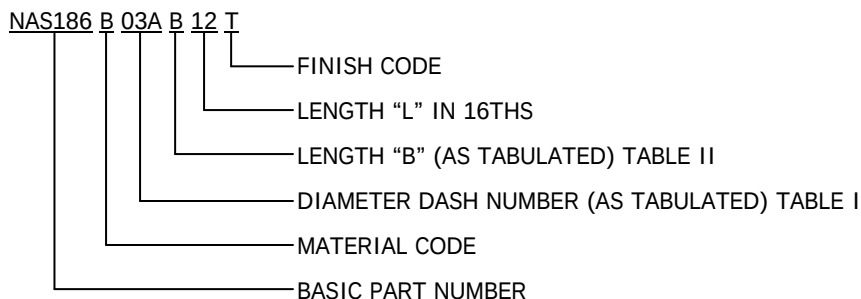
FINISH:

CRES: PASSIVATE IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.
BRASS: CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2; OR
TIN PLATE IN ACCORDANCE WITH ASTM B545, CLASS C (SEE FINISH CODE).
ALUMINUM ALLOY: ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE I OR TYPE II, CLASS 1.

CODE:

MATERIAL CODE: SUFFIX TO BASIC PART NUMBER
"C" – CRES, 303 Se, CONDITION A
"B" – BRASS, TEMPER H02
"DD" – ALUMINUM ALLOY, 2024 TEMPER T4
FINISH CODE: SUFFIX TO COMPLETE PART NUMBER
"T" – TIN PLATE (FOR BRASS ONLY)

EXAMPLES OF PART NUMBER:



NAS186B04D12 = STEPPED SPACER FOR .112 SCREW OR BOLT SIZE, .124 "ØC", .159 "ØD", .250 "ØE", .165 "B" LENGTH, .750 LONG, BRASS MATERIAL, CADMIUM PLATED.
NAS186B04D12T = STEPPED SPACER FOR .112 SCREW OR BOLT SIZE, .124 "ØC", .159 "ØD", .250 "ØE", .165 "B" LENGTH, .750 LONG, BRASS MATERIAL, TIN PLATE.
NAS186C02B20 = STEPPED SPACER FOR .086 SCREW OR BOLT SIZE, .098 "ØC", .125 "ØD", .156 "ØE", .105 "B" LENGTH, 1.250 LONG, CRES 303 Se MATERIAL, PASSIVATED.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- (3) SURFACE ROUGHNESS SHALL NOT EXCEED 125 MICROINCHES Ra PER ASME B46.1.
- (4) SPACERS SHALL SHOW NO VISIBLE CRACKS AFTER SWAGING.
- (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) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION

3

③ COMPLETELY REVISED



NAS186
SHEET 2

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