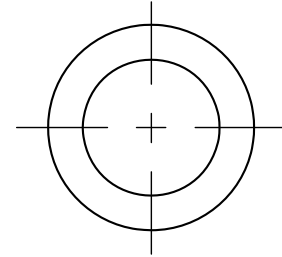
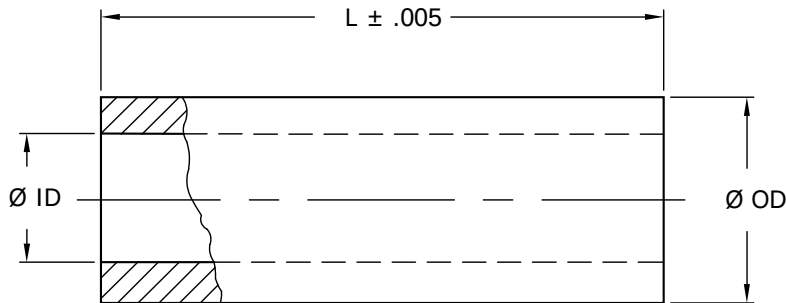


FED. SUPPLY CLASS

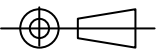
5365



③ TABLE I – DIMENSIONS

DIAMETER DASH NUMBER	SCREW OR BOLT DIAMETER (REF)	Ø OD		Ø ID	
		MIN	MAX	MIN	MAX
02A	.086	.115	.135	.088	.098
02B		.178	.198		
04A	.112	.240	.260	.114	.124
04B		.302	.322		
06A	.138	.240	.260	.140	.150
06B		.302	.322		
06C		.365	.385		
06D		.485	.515		
08A	.164	.240	.260	.166	.176
08B		.302	.322		
08C		.365	.385		
08D		.485	.515		
3A	.190	.302	.322	.192	.202
3B		.365	.385		
3C		.485	.515		
4	.250	.485	.515	.252	.262
6	.375	.610	.640	.377	.387
8	.500	.735	.765	.502	.512

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

3

PROCUREMENT
SPECIFICATION

NONE

TITLE

**SPACER, SLEEVE, NONMETALLIC,
EPOXY AND PHENOLIC, SCREW AND BOLT**

CLASSIFICATION
PART STANDARD

NAS47
SHEET 1 OF 2



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MATERIAL: EPOXY (GLASS CLOTH, EPOXY-RESIN) PER MIL-I-24768/3 MIL-P-18177, TYPE GEB
PHENOLIC (PAPER-BASE, PHENOLIC-RESIN) PER MIL-I-24768/10 MIL-P-79, TYPE PBE OR PER ASTM D709
L-P-509, TYPE I, GRADE XXX
/3/ POLYAMIDE (NYLON) PER L-P-410

CODE: FOR EPOXY (GLASS CLOTH, EPOXY-RESIN) SPACERS ADD SUFFIX "G" TO BASIC PART NUMBER
FOR PHENOLIC (PAPER-BASE, PHENOLIC-RESIN) SPACERS ADD SUFFIX "P" TO BASIC PART NUMBER
/3/ FOR POLYAMIDE (NYLON) SPACERS ADD SUFFIX "N" TO BASIC PART NUMBER

NAS47 G 04A-075

LENGTH IN INCHES AND HUNDREDTHS OF AN INCH

DIAMETER DASH NUMBER AS TABULATED

MATERIAL CODE

DOCUMENT NUMBER

EXAMPLES OF PART NUMBER:

FOR A .112 DIAMETER BOLT

NAS47P04A-075 = DIAMETER DASH NUMBER 04A SPACER
.240-.260 OD X .114-.124 ID X .75 LONG OF PHENOLIC
(PAPER-BASE, PHENOLIC-RESIN) MATERIAL

FOR A .250 DIAMETER BOLT

NAS47G4-200 = DIAMETER DASH NUMBER 4 SPACER
.485-.515 OD X .252-.262 ID X 2.00 LONG OF EPOXY
MATERIAL

NOTES:

- (1) DIMENSIONS IN INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- /3/ POLYAMIDE (NYLON) SPACERS, SUFFIX "N", INACTIVE FOR NEW DESIGN AFTER JANUARY 1, 1987.
USE NAS61. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- ③ (6) 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.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE
APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

REVISION

3

NAS47
SHEET 2



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