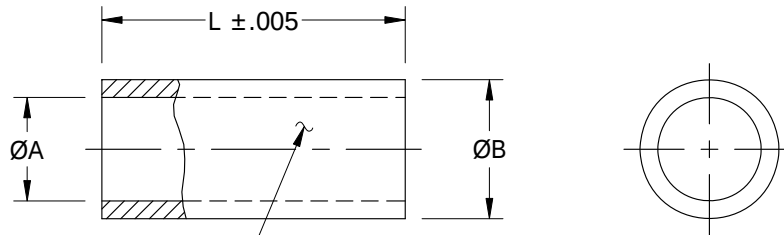


FED. SUPPLY CLASS

5365



MARK WITH RECESSED LETTER TO INDICATE MATERIAL IN ACCORDANCE WITH MATERIAL CODE LETTERS. ALL ITEMS .094 OR LESS IN LENGTH MAY BE IDENTIFIED BY TAGGING THE MATERIAL CODE LETTER ON APPROXIMATELY 10% OF ANY SHIPMENT.

⑩ TABLE I - DIMENSIONS

DIAMETER DASH NO	SCREW OR BOLT DIA (REF)	ØA		ØB	
		MAX	MIN	MAX	MIN
0	.1120	.120	.115	.198	.178
1	.1380	.149	.143	.260	.240
1A	.1380	.149	.143	.322	.302
1B	.1380	.149	.143	.385	.365
3A	.1900	.201	.195	.260	.240
3	.1900	.201	.195	.322	.302
3B	.1900	.201	.195	.510	.490
4	.2500	.263	.256	.385	.365
4A	.2500	.263	.256	.510	.490
5	.3125	.329	.322	.448	.428
6	.3750	.383	.376	.515	.485
7	.4375	.461	.452	.578	.548
8	.5000	.523	.514	.640	.610
9	.5625	.585	.577	.702	.672
10	.6250	.649	.639	.765	.735
12	.7500	.774	.764	.890	.860
14	.8750	.901	.889	1.015	.985
16	1.0000	1.027	1.014	1.140	1.110

MATERIAL: 300 SERIES CRES - 303 (UNS S30300) PER ASTM A581/A581M OR ASTM A582/A582M, ANNEALED CONDITION; 303 Se (UNS S30323) PER ASTM A511/A511M, ANNEALED CONDITION; 304 (UNS S30400) PER ASTM A269/A269M, ANNEALED CONDITION. ⑩

A286 - CRES (UNS S66286) PER AMS5731.

X750 - NICKEL BASE ALLOY (UNS N07750) PER AMS5668.

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 12-01

REVISION DATE: NOVEMBER 21, 2014

ISSUE DATE: DECEMBER 1956

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 10
PROCUREMENT SPECIFICATION NONE	TITLE SPACER, SLEEVE, SCREW AND BOLT, HIGH TEMPERATURE, NON MAGNETIC	CLASSIFICATION PART STANDARD
		NAS1057 SHEET 1 OF 2

FINISH: CRES A286, 303, 303 Se AND 304 - PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE:

10

"T" AFTER BASIC PART NUMBER INDICATES CRES 303, 303 Se OR 304 ANNEALED CONDITION.
 "W" AFTER BASIC PART NUMBER INDICATES CRES A286.
 "X" AFTER BASIC PART NUMBER INDICATES X750 NICKEL BASE ALLOY.

NAS1057 T 4-075

LENGTH "L" SPECIFIED IN .010 INCREMENTS. USE THREE DIGIT CALLOUT
 SIZE DASH NUMBER (SEE TABLE)
 MATERIAL CODE LETTER
 BASIC PART NUMBER

EXAMPLE OF PART NUMBER:

10

NAS1057T4-075 = .375 OUTSIDE DIAMETER, .750 LONG, CRES 303, 303 Se OR 304 MATERIAL,
 FOR A .2500 DIAMETER BOLT

NAS1057W10-125 = .750 OUTSIDE DIAMETER, 1.250 LONG, CRES A286 MATERIAL,
 FOR A .6250 DIAMETER BOLT

NAS1057X10-068 = .750 OUTSIDE DIAMETER, .680 LONG, NICKEL BASE ALLOY "X750" MATERIAL,
 FOR A .6250 DIAMETER BOLT

NOTES:

- (1) TEMPERATURE LIMITATIONS:
 800 °F - CRES 303, 303 Se AND 304
 1200 °F - CRES A286
 1500 °F - NICKEL BASE ALLOY "X750"
- (2) MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH H = 200 OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/ A342M, TEST METHOD 3.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) REMOVE ALL BURRS AND SHARP EDGES.
- (5) SURFACE TEXTURE 125 MICROINCHES Ra PER ASME B46.1.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- 10 (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) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1982

REVISION

10

NAS1057
 SHEET 2



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