

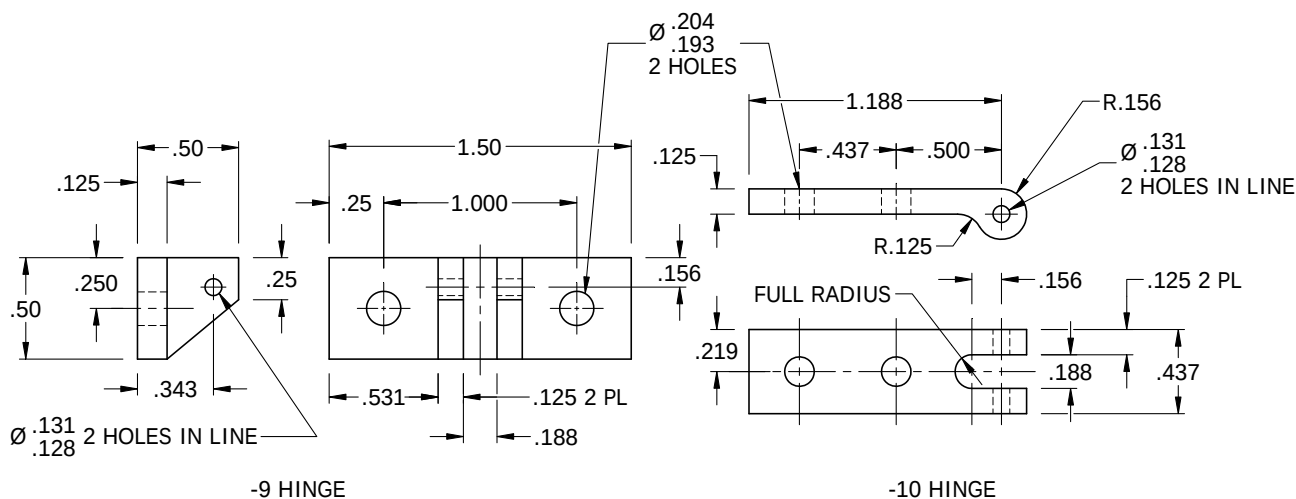
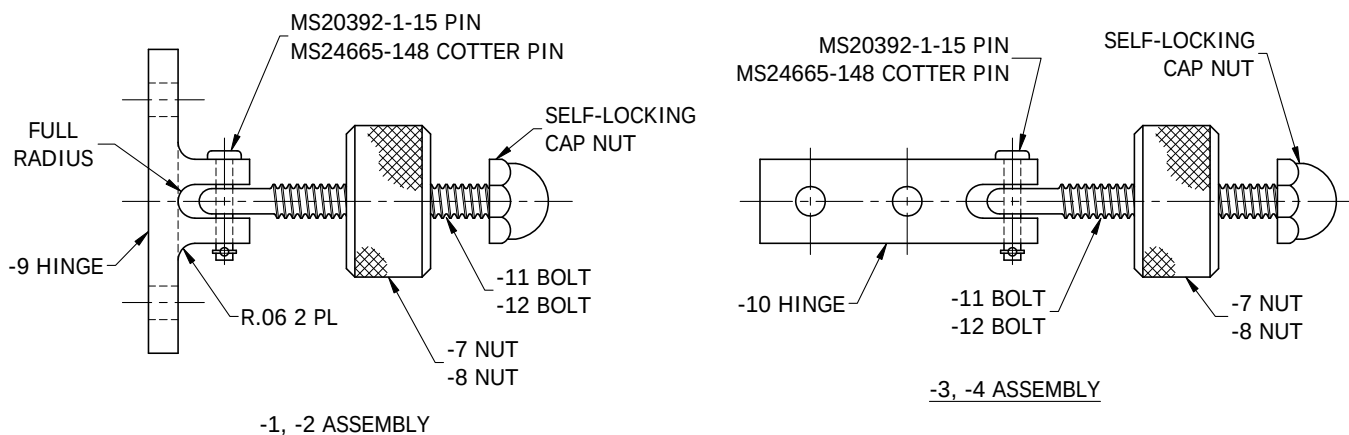
FED. SUPPLY CLASS

5325

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



(8)

TABLE I - ASSEMBLIES, PART NUMBERS AND STRENGTH VALUES

ASSEMBLY	DASH NO.			PIN	COTTER PIN	SELF-LOCKING CAP NUT	ASSY CALC WEIGHT LBS	APPROX YIELD LOAD /1/ LBF MIN	
	NUT	HINGE	BOLT					HORIZ	VERTICAL
1	7	9	11	MS20392-1-15	MS24665-148	10-32	.059	600	250
2	8	9	12	MS20392-1-15	MS24665-148	1/4-28	.068	900	600
3	7	10	11	MS20392-1-15	MS24665-148	10-32	.055	600	250
4	8	10	12	MS20392-1-15	MS24665-148	1/4-28	.064	900	600
5	7	-	11	-	-	10-32	.047	600	250
6	8	-	12	-	-	1/4-28	.056	900	600

REVISION DATE: NOVEMBER 21, 2014

ISSUE DATE: AUGUST 1955

THIRD ANGLE PROJECTION	CUSTODIAN	REVISION
PROCUREMENT SPECIFICATION	NATIONAL AEROSPACE STANDARDS COMMITTEE	8
NONE	TITLE	CLASSIFICATION PART STANDARD
	CLAMP ASSEMBLY, ELECTRONIC EQUIPMENT	CLASS 573



Documents
SHEET 1 OF 3

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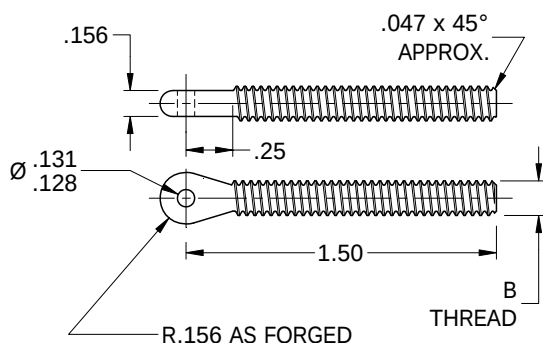


TABLE II – BOLT

DASH NO.	B THREADS PER MIL-S-7742
11	10-32 UNF-3A
12	1/4-28 UNF-3A

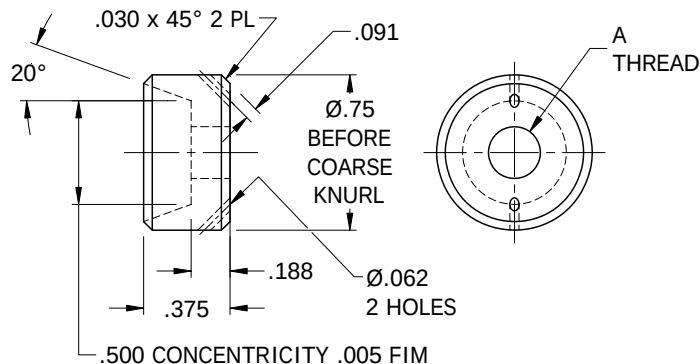


TABLE III – NUT

DASH NO.	A THREADS PER MIL-S-7742
7	10-32 UNF-3B
8	1/4-28 UNF-3B

MATERIAL: HINGE - ALUMINUM ALLOY, 2024-T4 2024-T3 (UNS A92024), EXTRUSION PER AMS-QQ-A-200/3, OR 2024-T4 (UNS A92024), BAR PER AMS-QQ-A-225/6.
BOLT - CRES, TYPE 431 PER MIL-S-18732.
NUT - CRES, COMPOSITION 302, CONDITION B PER AMS-S-7720, OR COMPOSITION 303, TYPE 1 (UNS S30300) OR TYPE 2 (UNS S30323) PER AMS5640.

PROCESS: BOLT - FORGED PER AMS-F-7190.

HEAT TREAT: BOLT - DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759: 180-200 KSI Ft_u.

FINISH: HINGE - CHEMICAL CONVERSION COATING, CLASS 3 PER MIL-DTL-5541.
BOLT AND NUT - PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE: "P" AFTER FIRST DASH NUMBER DESIGNATES PILOT HOLES Ø.098 FOR HINGE MOUNTING HOLES.

EXAMPLE OF PART NUMBER:

NAS573-1P
└─ PILOT HOLES IN HINGE
└─ 10-32 BOLT AND SHORT HINGE ASSY

NAS573-6 = 1/4-28 BOLT, NUT AND CAP NUT ASSY, WITHOUT HINGE, PIN, AND COTTER PIN.

NOTES:

- /1/ DIRECTION OF APPLIED LOADS. SEE FIGURE 1.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- (3) SURFACE ROUGHNESS: 125 MICROINCHES Ra PER ASME B46.1.

REVISION

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NAS573
SHEET 2



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