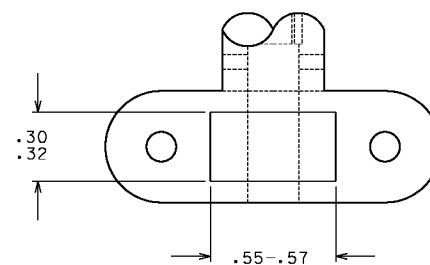
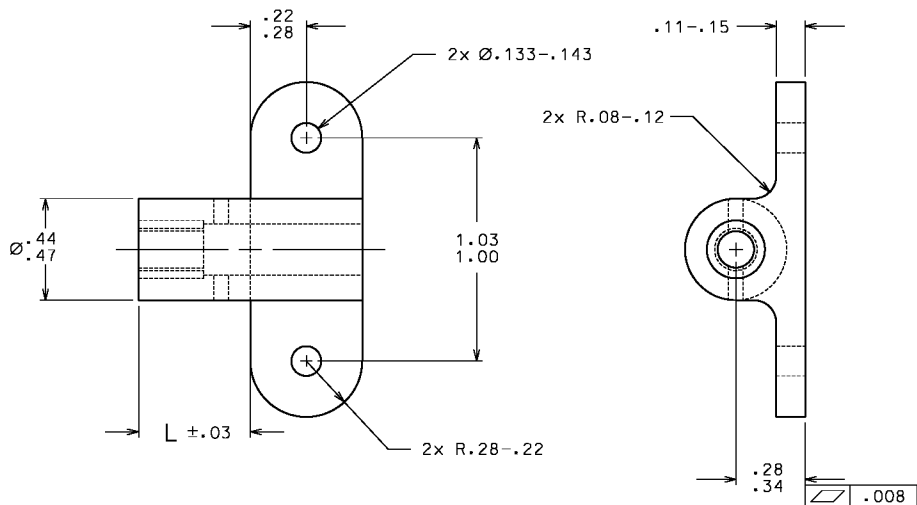
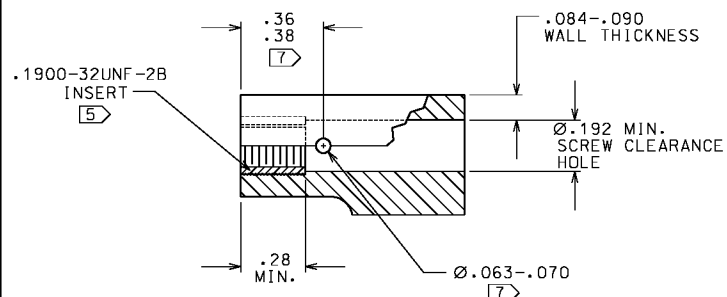
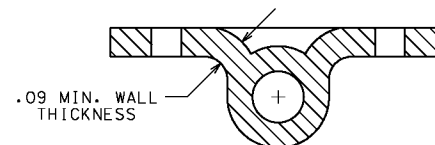


5300051



OPTIONAL DESIGN [8]



NEXT ASSEMBLY END ITEM	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS FRACTION ANGLES ±.03	DRAWN BY: DATE R. A. D. 06-21-02	 THE MONADNOCK COMPANY CITY OF INDUSTRY, CALIFORNIA		
	MATERIAL: NOTED	CHECKED BY: DATE R. DUENAS 06-21-02			
	HEAT TREAT:	APPROVED BY: DATE T. CSIK 07-01-02	CODE INVENT. NO. SIZE DRAWING NUMBER: 60119 B 5300051		
	FINAL PROTECTIVE FINISH: NOTED	APPROVED BY: DATE J. FLORES 07-03-02	SCALE: NONE SALES SHEET 1 OF 2		
		MFG. ACCEPT.: DATE R. PAUL 07-08-02			

ISSUE	DESCRIPTION	DATE
REVISION		

5300051

NOTES:

1. MATERIAL:

1.1 SPACER: POLYAMIDE, PA0110G33A99900KB138UB069PA133 OR PA0110G33A99900KB165UB083PA107 PER ASTM-D-4066, COLOR NATURAL (WHITE) (SEE ASTM-D-4000 FOR EXPLANATION OF CODING)

1.2 INSERT: STEEL PER NASM25027

2. FINISH:

2.1 SPACER: NONE

2.2 INSERT: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 3

3. SURFACE TEXTURE – UPPER AND LOWER SURFACES OF FLANGE TO BE 125 MICROINCHES R_a PER ANSI/ASME B46.1.

4. WORKMANSHIP – REMOVE PARTING LINE FROM FLANGE AND REMOVE FLASH FROM AROUND RIVET HOLES.

5. INSERT SHALL BE MOLED IN PLACE AND SHALL CONFORM TO NASM25027 FOR CONSTRUCTION, THREAD PER FED-STD-H28/2, TENSILE STRENGTH FOR SHEAR NUTS, LOCKING TORQUE, PERMANENT SET, MAXIMUM LOCKING TORQUE, MINIMUM BREAKAWAY TORQUE AND REUSABILITY. INSERT SHALL NOT ROTATE WHEN 60 INCH POUNDS OF TORQUE IS APPLIED PER TORQUE-OUT TEST PER NASM25027. TEST BOLT SHALL BE BACS12GU3K().

SELF-LOCKING DEVICE MAY BE EITHER INCORPORATED INTO THE METAL INSERT OR INCORPORATED AS A NON-METALLIC LOCKING DEVICE INTO THE SPACER. BREAKAWAY TORQUE SHALL BE MEASURED WITH TEST SCREW POSITIONED AS FOLLOWS:

ALL SIZES EXCEPT -2 LENGTH:
POSITION END OF TEST SCREW AT MIDPOINT OF THE INSPECTION HOLE.

-2 LENGTH:
POSITION END OF TEST SCREW FLUSH WITH BOTTOM OF SPACER PLATE.

6. ATTACHING SCREW MUST PENETRATE A MINIMUM OF .36. THIS PENETRATION SHALL RESULT IN FULL ENGAGEMENT OF INSERT THREADS.

7. INSPECTION HOLE IS NOT REQUIRED FOR "-2" LENGTH.

8. OPTIONAL DESIGN PROVIDES FOR MORE UNIFORM POST MOLD SHRINKAGE TO HELP MEET SURFACE FLATNESS REQUIREMENT.

9. RIVETED IN PLACE, THE SPACER PLATE SHALL WITHSTAND INDICATED LOAD WITHOUT FAILURE. SEE FIGURE 1 FOR TEST CONFIGURATION.

10. PART NUMBER EXAMPLE:

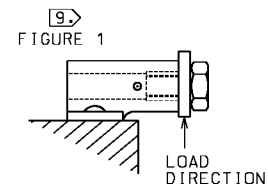
5 3 0 0 0 5 1 - 3 - ()
OVERALL LENGTH
THREAD SIZE .1900-32
BASIC PART NUMBER

SECOND DASH NUMBER 5300051-3-X	-2	-4	-6	-8	-10	-12
"L" DIM.	.20	.40	.60	.80	1.00	1.20
LOAD REQMT. (LBS.)	40	40	40	40	40	40

9.

SECOND DASH NUMBER 5300051-3-X	-14	-16	-18	-20	-22	-24
"L" DIM.	1.40	1.60	1.80	2.00	2.20	2.40
LOAD REQMT. (LBS.)	40	40	35	32	29	26

9.



ISSUE	DESCRIPTION	DATE
REVISION		

NEXT ASSEMBLY END ITEM	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS FRACTION ANGLES		DRAWN BY: R. A. D. 06-21-02		DATE		 THE MONADNOCK COMPANY CITY OF INDUSTRY, CALIFORNIA					
	MATERIAL: NOTED		CHECKED BY: R. DUENAS 06-21-02		DATE		TITLE: NUT, SPACER PLATE, MOLDED POLYAMIDE, HORIZONTAL					
	HEAT TREAT:		APPROVED BY: T. CSIK 07-01-02		DATE							
	FINAL PROTECTIVE FINISH: NOTED		APPROVED BY:		DATE		CODE IDENT. NO. 60119		SIZE B		DRAWING NUMBER: 5300051	
			MFG. ACCEPT.:		DATE		SCALE: NONE		SALES		SHEET 2 OF 2	