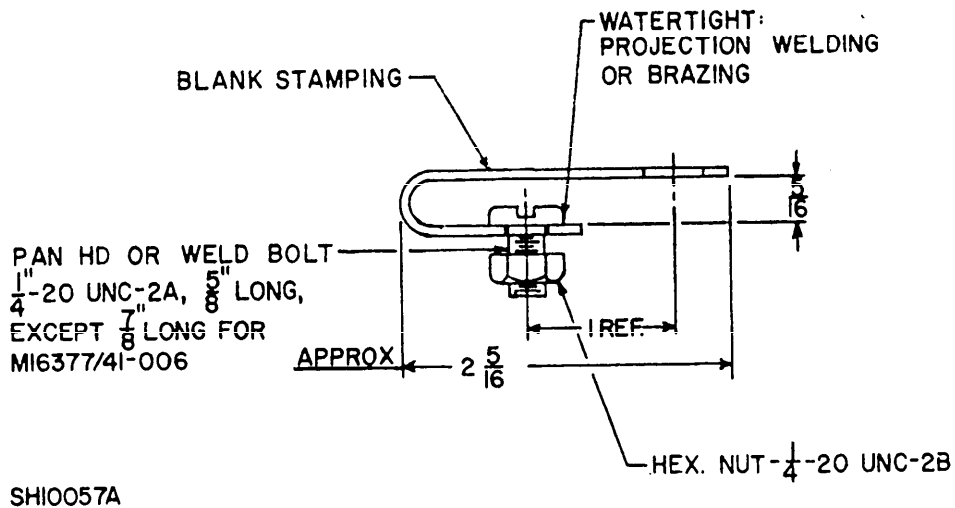


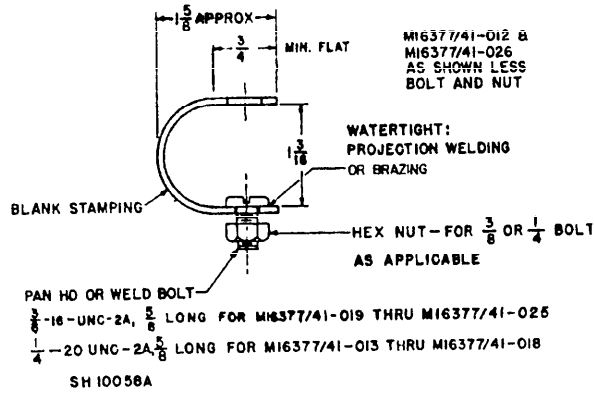
MIL-F-16377/41A(SH)



Military Part number M16377/41-	BLANK STAMPING			MATERIAL		National Stock Number (NSN)	Formerly Covered By
	Material	NOM. THK OF MATL.	SPEC.	BOLT	NUT		
ALUMINUM							
002	Aluminum	0.040	2024-0	Aluminum	Aluminum	6210-00-439-6312	MS17079-1A1
003	Aluminum	.063	2024-0				MS17079-1A2
004	Aluminum	.080	2024-0				MS17079-1A3
005	Aluminum	.090	2024-0				MS17079-1A4
006	Aluminum	.125	2024-0				MS17079-1A5
BRASS							
007	Brass	0.080	Soft	Brass	Brass		MS17079-1B1
029	Brass	0.125	Soft	Brass	Brass		
STEEL							
008	Steel	0.067	Cold Rolled, SAE 1010 No. 5 Temp.	Steel	Steel	6210-00-973-1747	MS17079-1S1
009	Steel	.059	Cold Rolled, SAE 1010 No. 5 Temp.				MS17079-1S2
010	Steel	.047	Cold Rolled, SAE 1010 No. 5 Temp.			6210-00-973-1748	MS17079-1S3
011	Steel	.041	Cold Rolled, SAE 1010 No. 5 Temp.				MS17079-1S4
027	Steel	.090	Cold Rolled, SAE 1010 No. 5 Temp.	Steel	Steel		
028	Steel	.059	Cold Rolled, SAE 1010 No. 5 Temp.	Steel	Steel		

FIGURE 2. Shockmount assembly - Shallow.

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Military Part number M16377/41-	BLANK STAMPING		MATERIAL		National Stock Number (NSN)	Formerly Covered by
	Material	NOM. THK. OF MATL.	SPEC.	BOLT		
<u>BRASS OR ALUMINUM BRONZE OPEN THROAT</u> 012	Naval Brass or Aluminum Bronze	0.064	Soft ASTM B169-65 D soft	-	-	6210-00-798-5491 MS17079-2B1
013	Naval Brass or Aluminum Bronze	0.064	Soft ASTM B169-65 D soft	Brass	Brass	MS17079-1C1
<u>STEEL OPEN THROAT</u> 014	Steel	0.067	Cold rolled, SAE 1010 No. 5 Temp.	Steel	Steel	MS17079-1D1
015	Steel	.059	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-1D2
016	Steel	.047	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-1D3
017	Steel	.041	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-1D4
018	Steel	.035	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-1D5
019	Steel	0.120	Cold rolled, SAE 1010 No. 5 Temp.			---
020	Steel	0.104	Cold rolled, SAE 1010 No. 5 Temp.			6210-00-396-1716 MS17079-2S1
021	Steel	.067	Cold rolled, SAE 1010 No. 5 Temp.			6210-00-396-1710 MS17079-2S2
022	Steel	.059	Cold rolled, SAE 1010 No. 5 Temp.			6210-00-396-1707 MS17079-2S3
023	Steel	.047	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-2S4
024	Steel	.041	Cold rolled, SAE 1010 No. 5 Temp.			6120-00-396-1703 MS17079-2S5
025	Steel	.035	Cold rolled, SAE 1010 No. 5 Temp.			MS17079-2S6
026	Steel	.120	Cold rolled, SAE 1010 No. 5 Temp.	---	---	6210-00-396-1717 ---

FIGURE 3. Shockmount assembly - Open Throat.

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REQUIREMENTS

DESIGN:

Dimension and configuration: See figures 1, 2 and 3.
 Material: See figures 2 and 3.
 Cutting: The long axis of the shockmounts prior to forming, shall be parallel to the grain of the sheet from which cut.
 Forming: The shockmounts shall be cold formed.
 Finish: Steel blank stampings shall be zinc plated.
 Steel hardware (CRES excepted) shall be zinc plated.
 Watertight connection: The connection between the bolt and the blank stamping shall be made watertight.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-F-16377 and as follows:

First article inspection:	See table I
Quality conformance:	
Comparison inspection:	Same as the first article inspection
Inspection of product for delivery:	
Examination:	See MIL-F-16377
Examination for preparation of delivery	See MIL-F-16377
Quality conformance tests:	Continuity of grounding and enclosure effectiveness. (Tests are not applicable to shockmounts furnished without a bolt)

TABLE I. First article and comparison inspection

Tests	Requirement paragraph	Test paragraph	REMARKS
Examination	3.13	4.5	
Continuity of grounding	3.6.13.4	4.8.12	<u>1/</u>
Enclosure effectiveness		4.8.14	<u>2/</u>

1/ Not applicable to shockmounts furnished without a bolt. Measurements shall be taken between protruding tip of bolt and blank stamping.

2/ Not applicable to shockmounts furnished without a bolt. The shockmounts shall be installed on a watertight enclosure. An "O" ring shall be installed to prevent water entering the bolt threads between the shockmount and the enclosure.

GENERAL INFORMATION: Shockmounts described herein are intended for use with lighting fixtures to prevent them from damage resulting from the severe shock and vibration conditions encountered aboard Navy ships.

Revision letters are not used to denote changes due to the extensiveness of the changes.

Preparing activity:
 Navy - SH
 (Project 6210-N587)