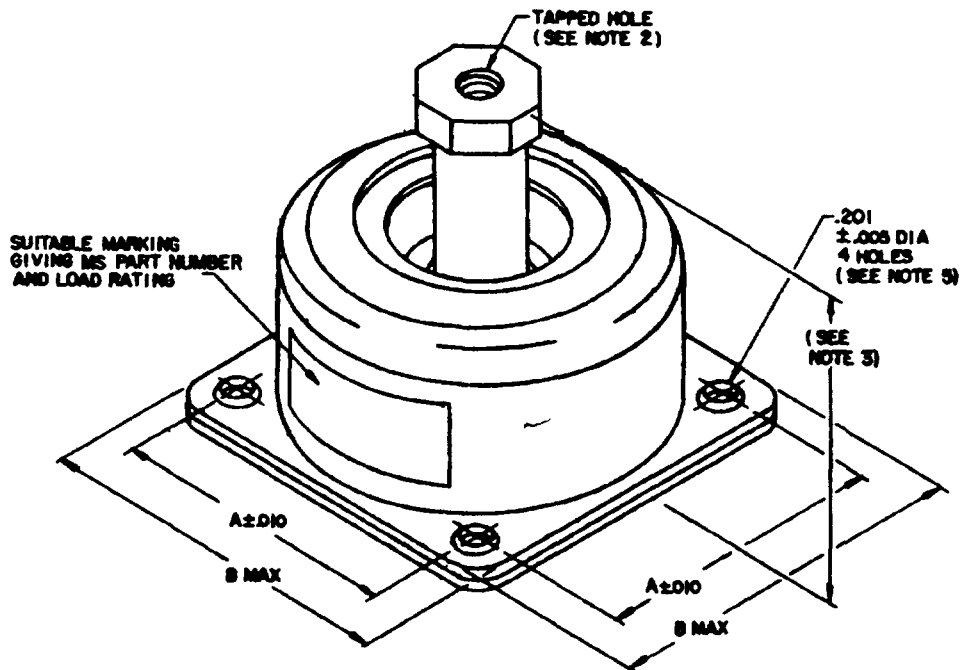


This document has been promulgated by the Department of Defense as the military standard to limit the selection of the item, product, or design, covered herein in engineering, design, and procurement. This standard shall become effective not later than 90 days after the latest date of approval shown.

FED. SUP CLASS.
5340



1. All dimensions in inches.
2. Tapped hole for:
Size 1 - #6-32 NC-2B 9/32 deep
2 - 1/4-28 UNF-2B 3/8 deep
3 - 3/8-24 UNF-2B 9/16 deep
3. The nominal design value at minimum rated load is 1-3/8 for dimpled mounting and 1-9/16 for flat mounting. The manufacturer's rated loaded height at minimum rated load is the nominal design value $\pm 1/32$, $-1/16$. (See note 4.)
4. The loaded height of the vibration mount at minimum rated load is the manufacturer's rated loaded height $\pm 3/64$.
5. This dimension is the final clearance diameter, with or without eyelet.
6. The MS part number consists of the MS military-standard number followed by a dash number. The dash number indicates the following:
First character - Size.
Second character - Class.
Third character - Serially assigned to load ranges within each size and class.
Fourth character - "D" indicates short stud for dimpled mounting, "H" indicates long stud for flat mounting
7. Qualification inspection required.
8. Referenced document shall be of the issue in effect on date of invitation for bids.
9. This standard takes precedence over document referenced herein.

(B) ENTIRE STANDARD REVISED

CUSTOMERS SigC Aer USAF	OTHER INT:	MILITARY STANDARD	MS91527
	N-	MOUNTS, VIBRATION, CUP-TYPE, CLASSES A AND B (FOR USE WITH ELECTRONIC EQUIPMENT IN AIRCRAFT)	
PROCUREMENT SPECIFICATION MIL-C-172		SUPERSEDES:	SHEET 1 OF 3

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APPROVED 11 Oct 1955 REVISED (A) 11 Sept 1956 (B) 8 Dec 1958

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FED. SUP CLASS.
5340

CLASS A					
MS part number (see note 6)	Size	Dimensions		Two-to-one load rating	FIR ^{1/}
		A	B		
MS91527-1AAH MS91527-1AAD MS91527-1ABH MS91527-1ABD	1	Inches 1-3/8	Inches 1-13/16	Pounds 1-1/2 to 3 1-1/2 to 3 2-1/2 to 3-1/2 2-1/2 to 5-1/2	
MS91527-2AAH MS91527-2AAD MS91527-2ABH MS91527-2ABD MS91527-2ACH MS91527-2ACD MS91527-2ADH MS91527-2ADD MS91527-2AEH MS91527-2AED	2	1-15/16	2-3/8	2 to 4-1/2 2 to 4-1/2 3 to 5 3 to 5 4-1/2 to 10 4-1/2 to 10 6-1/4 to 12-1/2 6-1/4 to 12-1/2 10 to 20 10 to 20	

^{1/} Federal Rem Identification Number

APPROVED 11 Oct 1955 REVISED (A) 11 Sept 1956 (B) 8 Dec 1957

CUSTOMERS. SigC Aer USAF	OTHER INT: -	MILITARY STANDARD		MS91527
		MOUNTS, VIBRATION, CUP-TYPE, CLASSES A AND B (FOR USE WITH ELECTRONIC EQUIPMENT IN AIRCRAFT)		
PROCUREMENT SPECIFICATION MIL-C-172		SUPERSEDES		SHEET 2 OF 3

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CLASS B					
MS part number (see note 5)	Size	Dimensions		Load rating ±15%	FIN ^{1/}
		A	B		
		<u>Inches</u>	<u>Inches</u>	<u>Pounds</u>	
MS91527-1BAH	1	1-3/8	1-13/16	.2	
MS91527-1BAD				.2	
MS91527-1BBH				.3	
MS91527-1BED				.3	
MS91527-1BCH				.4	
MS91527-1BCD				.4	
MS91527-1BDH				.6	
MS91527-1BDD				.6	
MS91527-1BEH				.8	
MS91527-1BED				.8	
MS91527-1BFF				1	
MS91527-1BFD				1	
MS91527-1BGR				1-3/8	
MS91527-1BGD				1-3/8	
MS91527-1BHH				1-3/4	
MS91527-1BHD				1-3/4	
MS91527-1BJH				2-3/8	
MS91527-1BJD				2-3/8	
MS91527-1BEH				3-1/4	
MS91527-1BKD				3-1/4	
MS91527-1BLE	4-1/4				
MS91527-1BLD	4-1/4				
MS91527-1EMH	5-3/4				
MS91527-1EMD	5-3/4				
MS91527-1BNH	7-3/4				
MS91527-1END	7-3/4				
MS91527-1BOH	10				
MS91527-1BOD	10				
MS91527-2BAH	2	1-15/16	2-3/8	2-1/4	
MS91527-2BAD				2-1/4	
MS91527-2BBH				3	
MS91527-2BED				3	
MS91527-2BCH				4	
MS91527-2BCD				4	
MS91527-2BDH				5-1/2	
MS91527-2BDD				5-1/2	
MS91527-2BEH				7-1/2	
MS91527-2BED				7-1/2	
MS91527-2BFF				10	
MS91527-2BFD				10	
MS91527-2BGH				13-1/2	
MS91527-2BGD				13-1/2	
MS91527-2BHH				18	
MS91527-2BHD				18	
MS91527-2BJH				24	
MS91527-2BJD				24	
MS91527-2BEH				32	
MS91527-2BKD				32	
MS91527-2BLE	43				
MS91527-2BLD	43				
MS91527-3BAH	3	2-1/2	3	20	
MS91527-3BAD				20	
MS91527-3BBH				27	
MS91527-3BED				27	
MS91527-3BCH				36	
MS91527-3BCD				36	
MS91527-3BDH				48	
MS91527-3BDD				48	
MS91527-3BEH				64	
MS91527-3BED				64	
MS91527-3BFF	86				
MS91527-3BFD	86				

1/ Federal Rem Identification Number.

APPROVED 11 Oct 1955 REVISED (A) 11 Sept 1956 (B) 8 Dec 1956

CUSTODIANS: SigC Aer USAF	OTHER INT: N-	MILITARY STANDARD MOUNTS, VIBRATION, CUP-TYPE, CLASSES A AND B (FOR USE WITH ELECTRONIC EQUIPMENT IN AIRCRAFT)	MS91527
PRECEDENT SPECIFICATION MIL-C-172		SUPERSEDED:	SHEET 3 of 3