



NOMINAL SIZE	A	B	C	D	E HOLE	CLIPPING CORNERS	F	G	H	J	K
1.500 INCH	1.860 1.850	1.780 1.720	1.370	.55	OPTIONAL	OPTIONAL	---	.220	1.500	1.800	1.875
2 INCH	2.630 2.620	2.390 2.360	1.875	.172 .168	REQD	OPTIONAL	---	.405 .360	2.255 2.235	2.255	SEE DETAIL SPEC
3 INCH	3.903 3.485	3.265 3.235	2.750	.172 .168	REQD	REQD	3.970 3.965	.405 .360	3.130 3.110	3.130	

MATERIAL- SEE DETAIL SPECIFICATION.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMAL  $\pm .016$ , ANGLES  $\pm 0^\circ 15'$ .

FRONT & REAR MOUNTING FACES SHALL BE FLAT WITHIN  $\pm .005$ . ALL SCREWS & NUTS, EXCEPT MOUNTING NUTS SHALL BE FLUSH WITH MOUNTING FACES.

FOR INSTALLATION, CLEARANCE SHALL BE ALLOWED FOR THE MAXIMUM OVER-ALL DIMENSIONS SHOWN ON THE DRAWING.

CASE SEAL: SEE DETAIL SPECIFICATION.

- (B) CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT, AIR-STD-10/5, AIR-STD-10/7, AIR-STD-10/8, AIR-STD-10/9, NAT-STD-3320, NAT-STD-3338. WHEN AMENDMENT, REVISION, OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

NOMINAL SIZE COVERED BY THIS STANDARD SUPERSEDE AND ARE INTERCHANGEABLE WITH THE RESPECTIVE NOMINAL SIZES ON MS 33638.

THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

(B) ENTIRE STANDARD REVISED

PREPARING ACTIVITY: AF-71  
CUSTODIANS: ARMY-(AV) NAVY-  
AIR FORCE-99 DLA-

REVIEW:  
USER:  
PROJECT NUMBER: 66GP-0398

MILITARY SPECIFICATION SHEET  
TITLE  
CASES, INSTRUMENT, FLANGE-MOUNTED,  
AIRCRAFT

SPECIFICATION SHEET NUMBER  
MS 27572 B 13 February 1990  
SUPERSEDING  
MS 33638 (ASG) MS 27572 (USAF)  
AMSC- N/A PSC- 66 GP

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