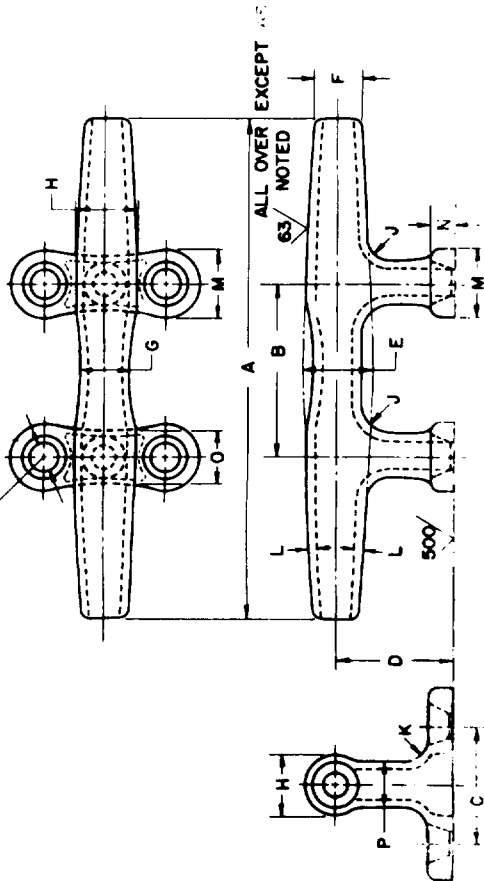


This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

NOTICE—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government hereby incurs no responsibility, nor any obligation whatsoever, and it is to be noted that the Government may have formulated, furnished or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person of corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

R-SEC REQUIREMENT #2



Dimensions of hollow cleats and bolts (inches) 1/

MS part number	Size of cleat	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	R2/
MS15170-1	8	8	3-1/16	1-1/2	1-3/8	1-1/4	9/16	5/8	13/16	1/2	1/4	1/8	1	5/16	3/4	3/4	5/16
MS15170-2	9	9	3-1/8	2-1/8	2-1/8	1-1/4	13/16	7/8	1-1/8	1/2	3/8	5/32	1-1/4	7/16	1	13/16	3/8
MS15170-3	10	10	3-1/2	2-1/4	2-9/16	1-3/8	7/8	1	1-3/16	1/2	3/8	5/32	1-1/4	7/16	1	13/16	3/8
MS15170-4	12	12	4	2-3/8	3	1-1/2	1	1-1/8	1-5/16	5/8	3/8	3/16	1-3/8	1/2	1-1/8	1	1/2
MS15170-5	15	15	5	2-5/8	3-1/4	1-1/2	1	1-1/8	1-5/16	5/8	3/8	3/16	1-3/8	1/2	1-1/8	1	1/2

1/Tolerances in inches:

Length of horns-----+1/4  
Other dimensions (except holes)-----+1/32  
Holes (bolt)-----+1/32  
-0

2/R = Diameter of holding down bolts.

- Hollow cleats shall be commercial bronze with a tensile strength of not less than 30,000 pounds per square inch.
- Drill for bolts called for in dimension table, R column, and countersink to fit commercial standard countersunk head type bolts.
- Remove all burrs and sharp edges and finish as indicated on detail.
- Sizes 10, 12, and 15 hollow cleats normally secured to deck over pad (see Standard MS15171). Used for securing, (belaying), boat handling lines or rope.
- For surface roughness, see Standard MIL-STD-10.
- Referenced documents shall be of the issue in effect on date of invitation for bids.
- For design feature purposes, this standard takes precedence over documents referenced herein.

P.A. SHIPS Other Cust TC	TITLE (B)  CLEATS, ROPE, HOLLOW, MARINE HARDWARE	MILITARY STANDARD <b>MS 15170</b>
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 COORDINATED

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

(Project 2040-0037)

FED. SUP CLASS  
2040

APPROVED 9 JUL 1952 REVISED 22 JUN 1953 15 JULY 1960