

INCH-POUND

MS17185A
 27 December 2006
 SUPERSEDING
 MS17185 (WEP)
 20 September 1960

DETAIL SPECIFICATION SHEET

CLAMP (SYNCHRO)

Inactive for new design after 30 March 1999, may be used for replacement purposes.

This specification is approved for use by all
 Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet.

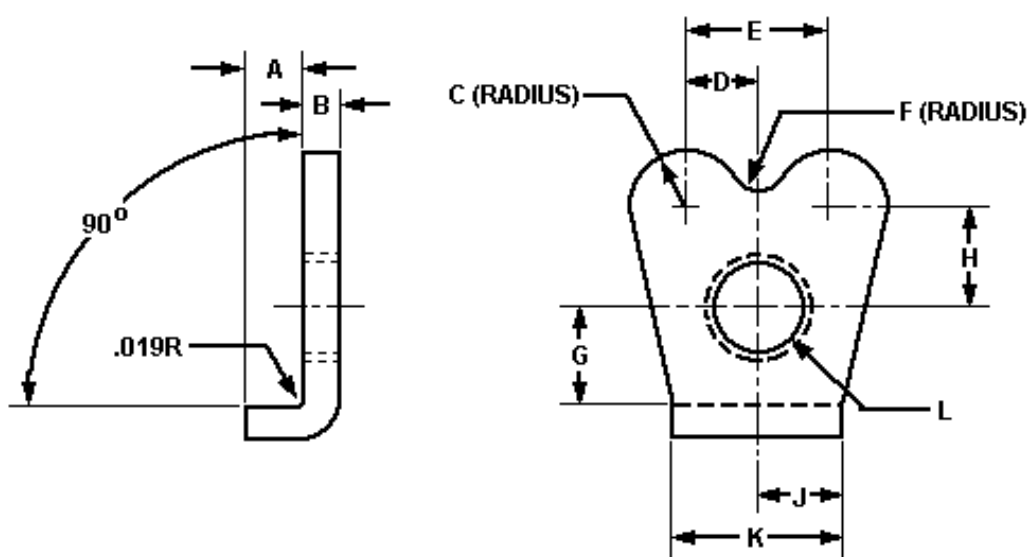


FIGURE 1. Clamp.

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Part or Identifying Number (PIN)	A	B	C	D	E	F
MS17185-1	.067 (1.702)	.037 (0.940)	.062 (1.575)	.078 (1.981)	.156 (3.962)	.040 (1.016)
MS17185-2	.101 (2.5654)	.037 (0.940)	.062 (1.575)	.078 (1.981)	.156 (3.962)	.040 (1.016)
MS17185-3	.130 (3.302)	.062 (1.575)	.094 (2.388)	.094 (2.388)	.188 (4.775)	.046 (1.168)
MS17185-4	.255 (6.477)	.062 (1.575)	.094 (2.388)	.094 (2.388)	.188 (4.775)	.046 (1.168)
MS17185-5	.165 (4.191)	.062 (1.575)	.094 (2.388)	.094 (2.388)	.188 (4.775)	.046 (1.168)

PIN	G	H	J	K	L
MS17185-1	.110 (2.794)	.110 (2.794)	.094 (2.388)	.188 (4.775)	4-48NF-2B
MS17185-2	.100 (2.54)	.110 (2.794)	.094 (2.388)	.188 (4.775)	4-48NF-2B
MS17185-3	.156 (3.962)	.156 (3.962)	.125 (3.175)	.250 (6.35)	6-40NF-2B
MS17185-4	.156 (3.962)	.156 (3.962)	.125 (3.175)	.250 (6.35)	6-40NF-2B
MS17185-5	.156 (3.962)	.156 (3.962)	.125 (3.175)	.250 (6.35)	6-40NF-2B

NOTE: Dimensions are in inches, metric equivalent are given for information only.

FIGURE 1. Clamp – Continued.

Requirements:

Material: Steel, corrosion resisting, SAE AMS-STD-66, AISI-301, SAE-30301.

Mechanical properties: Tensile strength, 125,000 psi.

Yield strength at 0.2 percent offset 75,000 psi.

Protective Treatment: Corrosion resisting steel shall be passivated.

Dimensions: All dimensions are in inches unless otherwise specified.

Tolerances: Unless otherwise specified, decimals $\pm .003$, angles $\pm 1^\circ$.

Surface roughness: 125 \sqrt ALL OVER in accordance with ASME B46.1.

Workmanship: Break edges .010 – .015 Radius.

Threads: The threads shall be in accordance with FED-STD-H28.

This specification takes precedence over documents referenced herein.

The referenced documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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Referenced documents. This document references the following:

FED-STD-H28
ASME B46.1
SAE AMS-STD-66

CONCLUDING MATERIAL

Custodians:
Navy - AS
DLA - CC

Preparing activity:
DLA - CC

(Project 5990-0470-000)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.