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IN REPLY
REFER TO

DSCC-VAI

July 23, 2004

MEMORANDUM FOR MILITARY / INDUSTRY

SUBJECT: Initial draft of revisions to MS17183B, Clamp Assembly (Synchro), Project Number 5990-0469-000;
MS17185A, Clamp (Synchro), Project Number 5990-0470-000.

These subject documents, which support FSC 5990, are being revised to update to current practice and based on our internal assessments to the National Stock Numbers, five assigned to MS17183 and two assigned to MS17185. The initial drafts of these revisions are available for downloading from our web site at:

<http://www.dsccl.dla.mil/Programs/MilSpec/>.

The subject initial drafts consist of one file each a total of three under each title referenced above. Search for them under "17183 and 17185" or look under the master index list. These drafts are in the PDF format and require Adobe Acrobat Reader to view and print them. If you do not have access to the Internet or otherwise are having trouble downloading these files, please contact us and we will provide you with a hard copy.

If these documents are of interest to you, please submit your comments with justification (electronic format is preferred). Your comments should be received at our office within 60 days of the date of this letter. Any further coordination concerning these documents will be circulated only to organizations and firms that furnish comments or reply that they have an interest.

If you require further information, please contact Mr. Robert W. Contino Sr at: 614-692-0559, fax: 614-692-6940 or e-mail: <mailto:Robert.Contino@dla.mil>. or Mr. Howard Jenkins at: 614-692-0560, fax: 614-692-6939 or e-mail: <mailto:Howard.E.Jenkins@dla.mil>.

Sincerely,

RICHARD L. TAYLOR
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Interconnection Devices Team

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NOTE: This draft dated July 22, 2004 prepared by DLA-CC has not been approved and is subject to modification. DO NOT USE FOR ACQUISITION PURPOSES. Project Number: 5990-0470-000

INCH-POUND

MS17185A
DRAFT
SUPERSEDING
MS17185
20 September 1960

DETAIL SPECIFICATION SHEET

CLAMP (SYNCHRO)

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

This specification sheet 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.

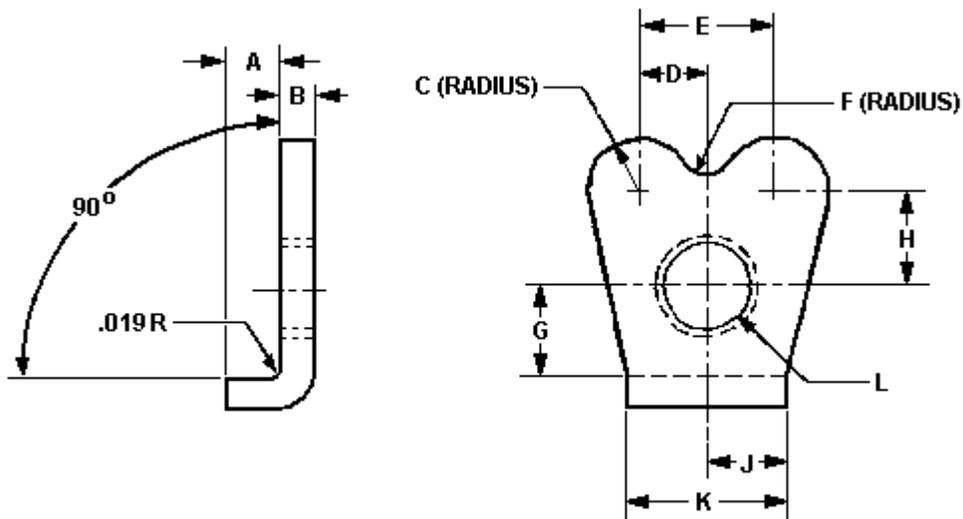


FIGURE 1. Clamp.

MS17183B

Part Identification 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)

Part Identification Number (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 in parenthesis are metric and for reference 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-28.

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.

MS17183B

Referenced documents. This document references the following:

FED-STD-28
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://www.dodssp.daps.mil>.