

FED. SUPPLY CLASS

5340

1. SCOPE

- 1.1 Scope. This specification covers tube support saddle-type clamps. Tests and criteria noted do not indicate any specific areas of application or usage. Supplemental testing may be necessary to determine suitability for specific environments and applications.

2. APPLICABLE DOCUMENTS

- 2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

- ② PPP-B-576 Boxes, Wood-Cleated Panelboard
PPP-B-585 Box, Wood, Wirebound

② **MILITARY**

- MIL-PRF-680 Dry Cleaning Solvent
MIL-PRF-7808 Lubricating Oil, Aircraft Turbine Engine, Synthetic Base
MIL-PRF-83282 Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base, Metric, NATO Code Number H-537
② MIL-PRF-87257 Hydraulic Fluid, Fire Resistant, Low Temperature, Synthetic Hydrocarbon Base, Aircraft and Missile

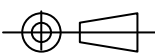
STANDARDS

MILITARY

- MIL-STD-129 Military Marking
MIL-STD-1916 DOD Preferred Methods for Acceptance of Product
MIL-STD-2073-1 Preservation, Methods of

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-C-85449, AMENDMENT 2.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NONE	TITLE CLAMP ASSEMBLY, SADDLE-TYPE, CUSHION, GENERAL SPECIFICATION FOR	CLASSIFICATION SPECIFICATION NSM85449 SHEET 1 OF 10

- 2.2 Other Publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- | | | |
|---|--------------------|--|
| | ASTM D395 | Compression Set of Vulcanized Rubber, Test for |
| ② | ASTM D412 | Tension Testing of Vulcanized Rubber |
| | ASTM D471 | Change in Properties of Elastomeric Vulcanization Resulting from Immersion in Liquids, Test for |
| | ASTM D624 | Test Resistance of Vulcanized Rubber, Test for |
| | ASTM D1974 | Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes |
| | ASTM D3308 | Plastic Sheet (and Film) Polytetrafluoroethylene (TFE-Fluorocarbon Resin) |
| ② | ASTM D2240 | Indentation Hardness of Rubber and Plastics by Means of a Durometer, Test for |
| | ASTM A686 | Tool Steel, Carbon and Carbon-Vanadium |
| | ASTM D1149 | Standard Test Methods for Rubber Deterioration, Cracking in an Ozone Controlled Environment |
| | ASTM D3182 | Rubber Materials Equipment, and Procedures for Mixing Standard Components and Preparing Standard Vulcanized Sheets |
| ② | ASTM D5118/D5118M | Standard Practice for Fabrication of Fiberboard Shipping Boxes |
| | ASTM D5168 | Box, Fiberboard, Corrugated, Triple-Wall |
| | ASTM D6251/D 6251M | Box, Wood, Cleated Plywood |
| ② | ASTM D6880/D6880M | Box, Wood, Nailed and Lock Corner |

(Applications for copies should be addressed to the ASTM International, 100 Barr Harbor Dr., West Conshohocken, PA 19428-2959 www.astm.org)

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

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|---|-----------------|---|
| ② | ANSI/ASME B46.1 | Surface Texture |
| | ANSI/ASQ Z1.4 | Sampling Procedures and Tables for Inspection by Attributes |

(Application for copies should be addressed to the American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036 www.ansi.org)

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SAE PUBLICATIONS

- AMS2242 ———— Tolerances Corrosion and Heat Resistant Steel, Iron Alloy, Titanium, and Titanium Alloy Sheet, Strip, and Plate
- AMS2700 ———— Passivation Treatments for Corrosion Resisting Steel
- AMS5510 ———— Steel, Corrosion and Heat Resistant, Sheet, Strip and Plate 18Cr—10.5Ni—0.40Ti (SAE 30321) Solution Heat Treated

(Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), or www.sae.org.)

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AEROSPACE INDUSTRIES ASSOCIATION (AIA) PUBLICATIONS

- NASM85449/1 ———— Clamp Assembly, Saddle-Type, Cushioned, NBR Rubber, 321 Cres, 275 °F, Fuel Resistant, General Purpose
- NASM85449/2 ———— Clamp Assembly, Saddle-Type, Cushioned, EPR Rubber, 321 Cres, 275 °F, General Purpose
- NASM85449/3 ———— Clamp Assembly, Saddle-Type, Cushioned, Silicone Fabric, Reinforced, 321 Cres, 500 °F, General Purpose
- NASM85449/4 ———— Clamp Assembly Saddle-Type, Cushioned, PTFE 321 Cres, -320 °F To 450 °F, General Purpose
- NAS1149 ———— Washer, Flat

(Available from IHS Inc. 15 Inverness Way East Englewood, CO 80112, Tel: +1(800) 525-7052 or +1(303) 790-0600)

3. REQUIREMENTS

3.1 Specification Sheets. The individual time requirements shall be as specified herein and in accordance with the applicable specification sheets. In the event of conflict between the requirements of this specification and the specification sheet, the requirements of the specification sheet shall govern.

3.2 REMOVED.

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3.3 Materials. Clamp band material and cushioning material shall be as specified on the applicable specification sheet.

3.4 Design and Construction. The design and construction of the clamp shall be as specified herein and in accordance with the applicable specification sheets.

3.4.1 Dimensions and Tolerances. Dimensions and tolerances shall be as specified on the applicable specification sheet.

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3.5 Performance. Clamp cushions, clamp bands and clamp assemblies shall perform satisfactorily when subjected to the applicable tests specified in this specification, and the applicable specification sheets.

3.5.1 Clamp Cushion Performance.

3.5.1.1 Physical Properties. When tested in accordance with 4.5.3.1, cushion material must meet the physical property requirements specified in the applicable specification sheet.

REVISION

2

NASM85449
SHEET 3



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