The Engineering Society
For Advancing Mobility
Land Sea Air and Space®

Product of the
Cooperative Engineering Program

SAE J39 JUN88

T-Hook Slots for Securement in Shipment of Agricultural Equipment

SAE Standard
Reaffirmed June 1988

SAENORM.COM : Click to view the full PDF of j39_198806

S. A. E.
LIBRARY

Submitted for Recognition as an American National Standard

SAENORM.COM : Click to view the full PDF of j39_198806

No part of this publication may be reproduced in any form,
in an electronic retrieval system or otherwise, without the
prior written permission of the publisher.

Copyright 1988 Society of Automotive Engineers, Inc.

The Engineering Society For Advancing Mobility Land Sea Air and Space ®
400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096

OFF-HIGHWAY MACHINERY STANDARD

Submitted for recognition as an American National Standard

SAE J39

Issued Oct. 1973
Reaffirmed June 1988

Reaffirming J39 JUN83

T-HOOK SLOTS FOR SECUREMENT IN SHIPMENT OF AGRICULTURAL EQUIPMENT

1. PURPOSE:

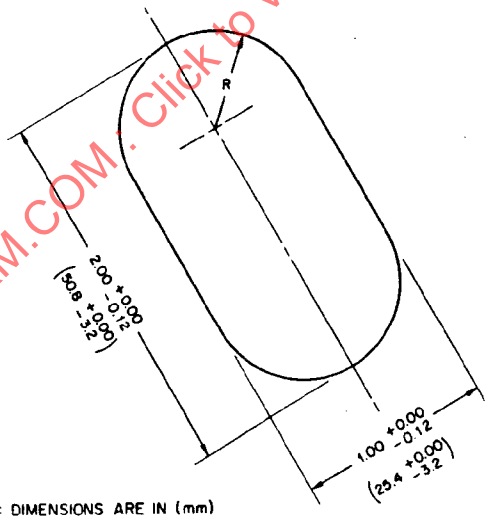
This standard is to provide standardized restraining slots, in accordance with product weight category and test requirements, to be incorporated in agricultural equipment that will be shipped, utilizing a T-hook and slot method of tiedown.

2. SCOPE:

This standard is to provide a means of securement in shipment of agricultural equipment on railroad flat cars and flat-bed trucks by utilizing a T-hook and slot method.

3. SPECIFICATIONS:

3.1 Slot dimensions are shown in Fig. 1.



NOTE: DIMENSIONS ARE IN (mm)

FIGURE 1 - Restraining Slot for T-Hook

SAENORM.COM : Click to view the full PDF of j39_198806

SAE Technical Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 1988 Society of Automotive Engineers, Inc.
All rights reserved.

Printed in U.S.A.

3.2 Restraining slot shall be capable of withstanding impacts, in accordance with Association of American Railroads, Recommended Procedure for Conducting Field Impact Tests of Loaded Freight Cars.

3.3 T-hooks are designed to secure through product up to 19 mm (0.75 in) thick. They shall be provided by the originating carrier.

3.3.1 Attached T-hook commonly used on rail equipped flat cars is shown in Fig. 2.

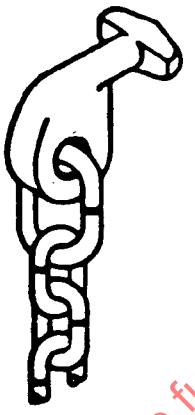


FIGURE 2 - Attached T-Hook

3.3.2 Grab T-hook commonly used on truck shipments is shown in Fig. 3.

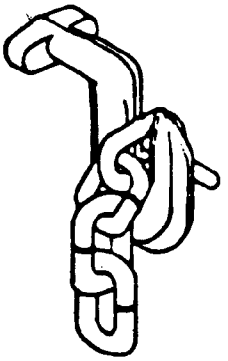


FIGURE 3 - Grab T-Hook

4. REFERENCE:

Association of American Railroads, 1960. General rules governing the loading of commodities on open top cars. February 1960.

5. CITED STANDARD:

AAR, Recommended Procedure for Conducting Field Impact Tests of Loaded Freight Cars.

SAENORM.COM : Click to view the full PDF of j39_198806