

**INCH-POUND**

A-A-55588

31 Oct 1994

SUPERSEDING

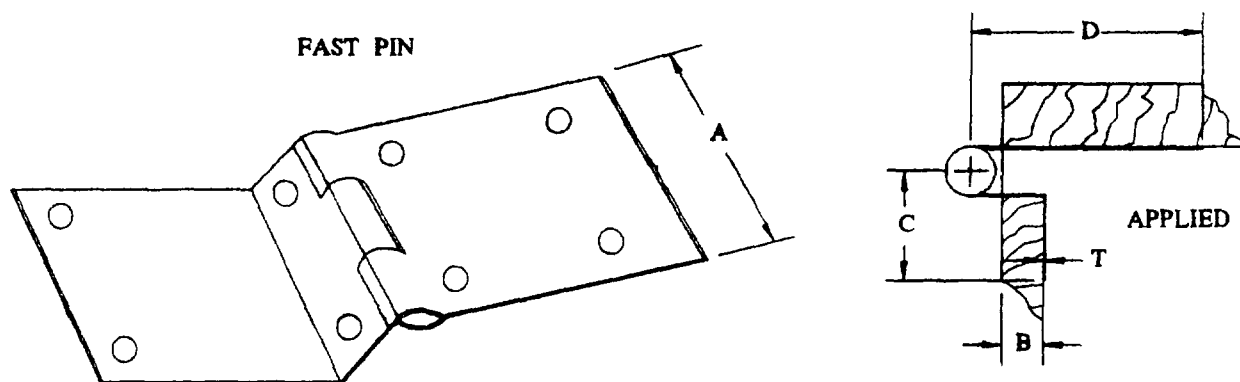
MS27973B

21 Dec 1987

**COMMERCIAL ITEM DESCRIPTION****HINGE STRAP (OFFSET)**

The General Services Administration has authorized the use of this commercial item description for all Federal Agencies

**Scope** This Commercial Item Description (CID) covers commercial and industrial quality, offset hinge strap suitable for use on wood and hollow core doors

**Salient characteristics.**

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and data which may improve this document should be sent to: Commander, U.S Army Armament Research, Development, and Engineering Center (ARDEC), ATTN SMCAR-BAC-S, Picatinny Arsenal, NJ 07806-5000

AMSC N/A

FSC 5340

**DISTRIBUTION STATEMENT A.** Approved for public release;  
distribution is unlimited

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TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER		2	4	6	8
A	NOMINAL SIZE	± .06	1.50	1.50	1.50
B	OFFSET	± .03	.50	.62	.75
C	LENGTH	± .06	1.50	1.37	1.25
D	LENGTH	± .06	2.19	2.19	2.19
T	THICKNESS	± .005	.075	.075	.075
NUMBER OF SCREW HOLES		MIN	7	7	8
1/	SIZE OF SCREWS	(REF)	#7 X 1/2	#7 X 5/8	#7 X 5/8
DASH NUMBER			12	14	16
A	NOMINAL SIZE	± .06	2.00	2.00	2.00
B	OFFSET	± .03	.50	.62	.75
C	LENGTH	± .06	2.00	1.87	1.75
D	LENGTH	± .06	2.69	2.69	2.69
T	THICKNESS	± .005	.077	.077	.077
NUMBER OF SCREW HOLES		MIN	7	7	8
1/	SIZE OF SCREWS	(REF)	#8 X 1/2	#8 X 5/8	#8 X 5/8

1/ SEE SAL CHAR 3

**1 Material**

Body Steel, in accordance with ASTM A506, low carbon, cold rolled

Pin Brass in accordance with ASTM B36, UNS numbers C26000, C26800, C27200, C28000 all H04 hard temper or ASTM B121 all specified UNS numbers with H04 hard temper or corrosion-resistant steel, accordance with ASTM A666

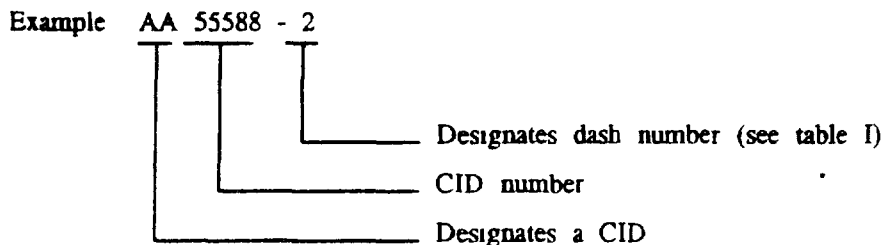
**2 Protective coating** Zinc plated in accordance with ASTM B633, Type II, Class Fe/Zn13**3 Hardware** Hinges are furnished with wood screws. The sizes specified are those normally furnished by the supplier.**4** All dimensions are in inches unless otherwise specified.**5 Workmanship** The hinges furnished shall be free from imperfections which may impair durability or serviceability.

**Contractor certification.** The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this commercial item description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. Items with known defects shall not be submitted for government acceptance. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

**Packaging** Packaging shall be in accordance with ASTM D3951.

**CID based part identification number.** The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

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Notes

- a Ordering data Acquisition documents must specify the following
- 1 Title, number, and date of this CID
  - 2 Arrangements for first article inspection or whether first article is not required
  - 3 Applicable level and packaging requirements
- b Cross-reference data Butt hinges conforming to this CID are interchangeable/sustitute with butt hinges conforming to MS27973B dated 21 Dec 1987

TABLE II CROSS - REFERENCE TABLE

Cancelled MS P/N	Replacement CID P/N
MS27973 - * 2/	AA55588 - * 2/

2/ \* represents the same designation codes for both MS and CID P/Ns

- c Regulatory requirements The offeror/ contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practical

Custodian  
 Army-AR,  
 Navy-YD  
 Air Force-99

Preparing activity  
 Army-AR

Review activities  
 Army-AV, ME  
 Navy-MC, SH  
 Air Force-82  
 DLA-IS

Agent  
 DLA-IS

Project No 5340-2183