

Inch-Pound

A-A-55587A

3 April 2025

SUPERSEDING

A-A-55587

31 October 1994

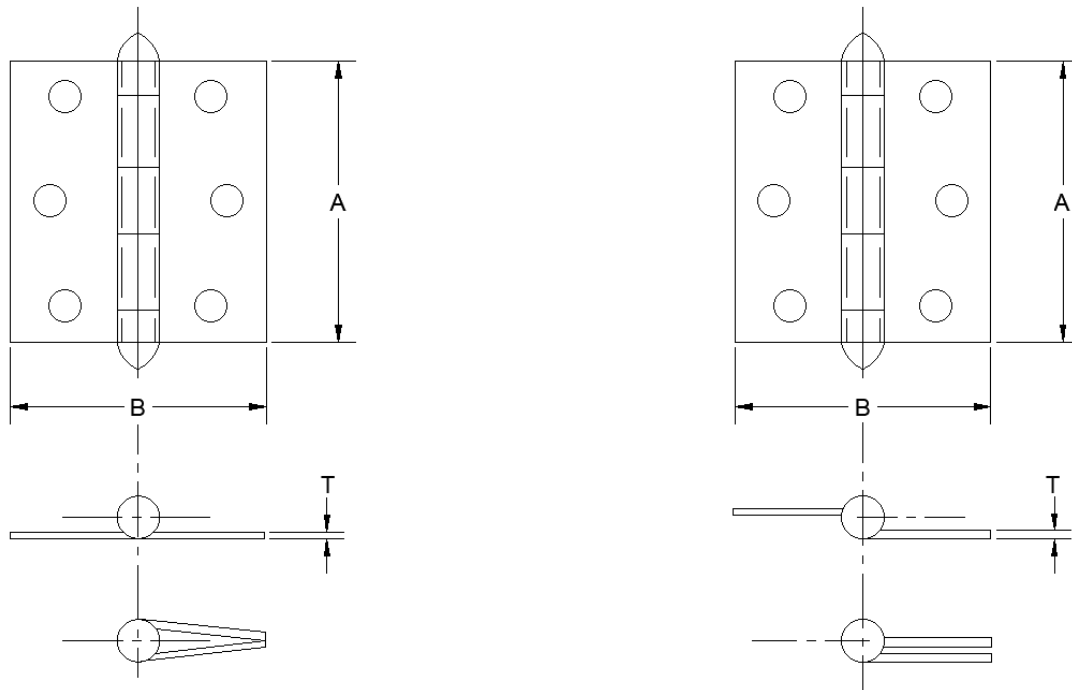
COMMERCIAL ITEM DESCRIPTION

Hinge, Butt, Broad, Non-Template

The General Services Administration has authorized the use of this commercial item description by all federal agencies.

1. SCOPE. This commercial Item Description (CID) covers commercial and industrial quality, broad, non-template butt hinges suitable for use on wood and hollow core doors.
2. SALIENT CHARACTERISTICS.

FAST AND LOOSE PIN



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AMSC N/A

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FSC 5340



TABLE 1 DASH NUMBER AND DIMENSIONS

NOMINAL SIZE	A LENGTH $\pm.06$	2.00	2.50	3.00	3.50	4.00
	B WIDTH $\pm.06$	2.00	2.50	3.00	3.50	4.00
T THICKNESS $\pm.05$		.082	.089	.092	<u>2</u> / .101 .123	<u>2</u> / .107 .130
NUMBER OF SCREW HOLES		4	6	6	6	8
1/ SIZE OF SCREWS (REF)		#7 X 3/4	#8 X 3/4	#8 X 7/8	#9 X 1	#10 X 1
TYPES		DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER	DASH NUMBER
FAST PIN, NOT SWAGED		2	4	6	8	10
FAST PIN, SWAGED		22	24	26	28	30
LOOSE PIN, NOT SWAGED		12	14	16	18	20
LOOSE PIN, SWAGED		32	34	36	38	40

1/ SEE SAL. CHAR. 3

2/ SEE SAL. CHAR. 4

2.1 Material. Body: Steel, in accordance with ASTM A506, low carbon, cold rolled.

Pin: Brass in accordance with ASTM B36/B36M, UNS numbers C26000, C26800, C27200, C28000 all H04 hard temper or ASTM B121/B121M all specified UNS numbers with H04 hard temper or corrosion-resistant steel, in accordance with ASTM A666.

2.2 Protective coating. Zinc plated in accordance with ASTM B633, Type II, class Fe/Zn13.

2.3 Hardware. Hinges are furnished with wood screws. The sizes specified are those normally finished by the supplier.

2.4 Acceptable thickness for loose pin hinges.

2.5 Size. The width dimension of not swaged hinge will be slightly narrower than shown.

2.6 All dimensions are in inches unless otherwise specified.

2.7 Workmanship. The hinges furnished shall be free from imperfections which may impair durability or serviceability.

3. REGULATORY REQUIREMENTS.

3.1 The offeror/contractor is encouraged to use recovered, recycled, bio based, and environmentally preferable materials to the maximum extent practicable, in accordance with paragraph 23.403, 23.404(b) of the Federal Acquisition Regulation FAR.

PRODUCT CONFORMANCE PROVISIONS.

4.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance.

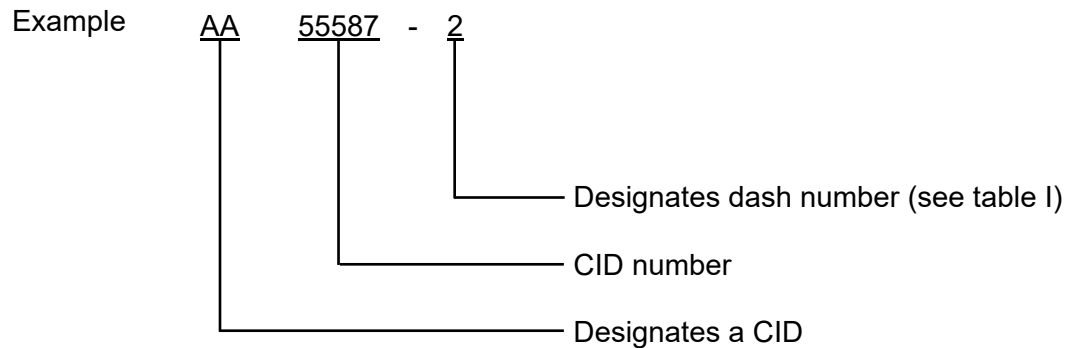
4. PACKAGING.

5.1 Preservation, packing and marking shall be as specified in the contract or order.

6. NOTES

6.1 Packaging shall be in accordance with ASTM D3951.

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



6.3 Source of documents.

FEDERAL REGULATIONS

FAR - Federal Acquisition Regulations (FAR)

(copies of these documents are available online at www.acquisition.gov/comp/far/index.html.)

Other Publications

ASTM INTERNATIONAL

ASTM B36/B36M	-	ASTM B36/B36M - Standard Specification for Brass Plate, Sheet, Strip, And Rolled Bar
ASTM A506	-	Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold Rolled
ASTM A666	-	Steel, Sheet, Strip, Plate, and Flat Bar, Austenitic Stainless, Annealed or Cold-Worked
ASTM B121/B121M	-	Plate, Leaded Brass, Sheet, Strip, and Rolled Bar
ASTM B633	-	Zinc on Iron and Steel, Electrodeposited Coatings of
ASTM D3951	-	Standard Practice for Commercial Packaging

(Copies of these documents are available at <https://www.astm.org>.)

6.4 Ordering data. Acquisition documents must specify the following.

1. Title, number, and date of this CID.
2. Arrangement for first article inspection or whether first article is not required
3. Applicable level and packaging requirements

6.5 Cross-reference data. Butt hinges conforming to this CID are interchangeable/substitute with butt hinges conforming to MS27968B dated 21 dec 1987.

TABLE II. CROSS-REFERENCE TABLE.

Cancelled MS PIN	Replacement CID PIN
MS27968 - * <u>3</u> /	AA55587 - * <u>3</u> /

3/ *represents the same designation codes
for both MS and CID PINS

6.6 Key words.

Pin
Door
Swaged

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

CONCLUDING MATERIAL

Custodians:
Army – AR
Navy – YD
Air Force – 71
DLA - CC

Preparing activity:
DLA - CC

Review activities:
Army – AV, CR4
Navy – MC

(Project 5340-2025-008)

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