

INCH-POUND

A-A-55593

31 Oct 1994

SUPERSEDING

MS35826E

6 Jan 1989

COMMERCIAL ITEM DESCRIPTION

HINGE, BUTT, CONTINUOUS (PLANO)
060 THICKNESS, 187 PIN DIA

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, continuous butt piano hinges suitable for use on cases, chests, and any other adaptable surface

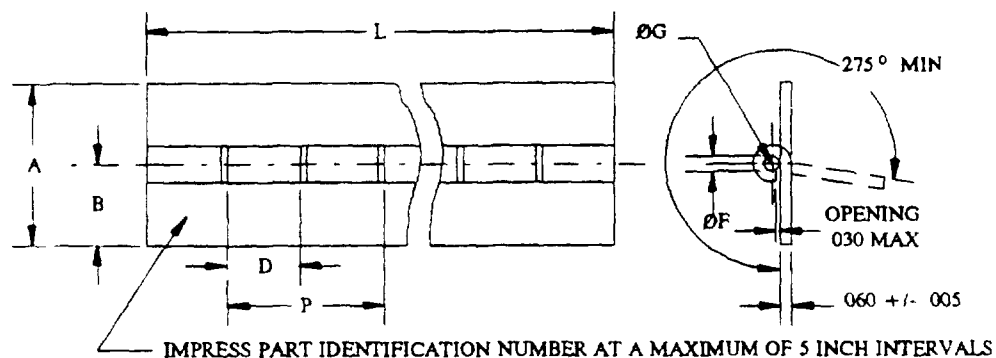
Salient characteristics

TABLE I DASH NUMBERS AND DIMENSIONS

DASH NO	WIDTH		STOCK LENGTH L +/- .03	KNUCKLE LENGTH D $\frac{1}{2}$	PITCH P $\frac{2}{2}$	KNUCKLE $\varnothing F$	PIN $\varnothing G$
	A REP	B +/- .031					
9	1 062	531	84 00 SEE SAL CHAR 6	998 + 000 - 015	2 000 + 015 - 003	192 + 007 - 001	187 +/- .002
10	1 500	750					
11	2 000	1 000					
12	2 500	1 250					
13	1 062	531					
14	1 500	750					
15	2 000	1 000	1 998 + 000 - 015	4 000 - .003			
16	2 500	1 250					

 $\frac{1}{2}$ SEE SAL CHAR 3 $\frac{2}{2}$ SEE SAL CHAR 4

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

ASMC N/A

FSC 5340

DISTRIBUTION STATEMENT A Approved for public release,
distribution is unlimited

A-A 55593

I MATERIAL

- A Aluminum-leaf-temper, H24 or H34 half-hard, (UNS A95052) in accordance with QQ-A-250/8
Aluminum-pin-temper, half-hard, (UNS A95052) in accordance with QQ-A-225/7
- B Brass-leaf-alloy 268 (UNS C26800) temper HO2, in accordance with ASTM B36
Copper-pin-alloy 260 (UNS C26000) temper HO2, in accordance with ASTM B134
- C Corrosion resistant steel-leaf-Class 301 (UNS S30100), 302 (UNS S30200)
or 304 (UNS S30400), condition A, temper annealed, in accordance with QQ-S-766
Corrosion resistant steel-pin-form 1, condition B, composition 302
(UNS S30200), 304 (UNS S30400), 305 (UNS S30500) and 316 (UNS S31600) in accordance
with ASTM A313
- D Carbon-steel-leaf-cold-rolled, temper no 4 in accordance with QQ-S-698
Carbon-steel-pin-composition 1010 (UNS G10100), 1020 (UNS G10200), in accordance with ASTM A641
- E Carbon steel leaf-cold-rolled temper no 4 in accordance with QQ-S-698
Copper-pin-alloy 260 (UNS C26000), temper HO2 in accordance with ASTM B134

2 FINISH

Material A, B AND D shall be plain (UNCOATED) When specified, material A shall be chemical conversion coated in accordance with MIL-C-5541, class 1A, and material D shall be zinc plated in accordance with ASTM B633, TYPE II, FE/ZN 13 Material C shall be passivated in accordance with QQ-P-35 Material E shall be cadmium plated in accordance with QQ-P-416, Type II, Class 1

3 Knuckles End knuckles shall be a minimum of 1/2 of knuckle

4 Pitch Cumulative tolerance on pitch is \pm 0.15 inches in any 36 inch segment

5 All dimensions are in inches unless otherwise specified

6 Hinges shall be stocked and issued in lengths of 84.00 inches as specified Application may be of any length within the above length

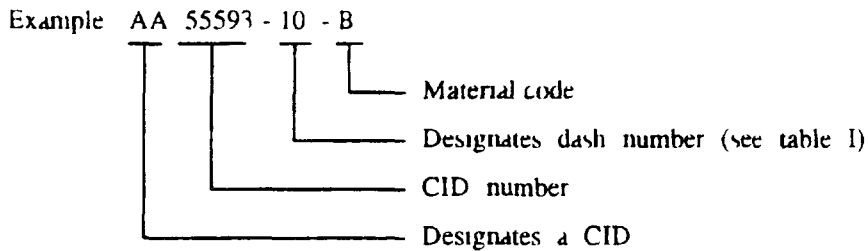
7 Workmanship The hinges furnished shall be free from imperfections which may impair durability or serviceability

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 Item 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 (PIN) The pin consists of AA55593 and a dash number taken from table I When protective finish is required for material A or D, add F to the PIN

A-A-55593

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/substitutable with butt hinges conforming to MS35826E dated 6 Jan 1989

TABLE II CROSS - REFERENCE TABLE

Cancelled MS PIN	Replacement CID PIN
MS35826 - * 3/	AA55593 - * 3/

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

- 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-AS
Air Force-99

Preparing activity
Army-AR

Agent
DLA-IS

Review activities
Army-AT, AV, MI
Navy-MC
Air Force-82
DLA-IS

Project No 5340-2188