[INCH-POUND]
A-A-59446
22 June 1999
SUPERSEDING
MS35922C
9 December 1975

COMMERCIAL ITEM DESCRIPTION

ELBOW, TUBE, 90 DEGREE, REDUCING, SOLDER-JOINT, REFRIGERATION

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

1. SCOPE. This commercial item description (CID) covers wrought copper and copper alloy solder joint pressure fittings for use with copper water tubes in refrigeration systems.

2. SALIENT CHARACTERISTICS.

2.1 Material and Finish. Fitting material and finishes shall be copper and copper alloy, as specified in ASME/ANSI B16.22.

2.2 Design, Construction, and Performance. Fitting design, construction, and performance shall be in accordance with ASME/ANSI B16.22.

3. REGULATORY REQUIREMENTS.

3.1 Recovered Materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4. QUALITY ASSURANCE 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 market. The Government reserves the right to require proof of such conformance.

5. PACKAGING.

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

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent by letter to: Commander, Defense Supply Center, Columbus, DSCC-VAI, 3990 East Broad Street, Columbus, OH 43216-5000.

AMSC-N/A FSC 4730

6. NOTES.

6.1 Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. Figure 1 and Table 1 are provided for configuration identification.

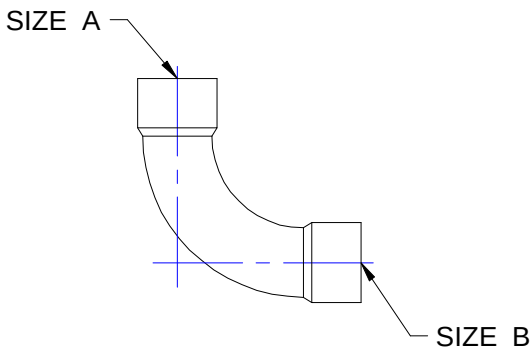

Figure 1. Elbow, Reducing, 90 Degree

TABLE I. Dash Nos.

Dash No. Elbow, Reducing Figure 1	Std. Refrig. Tube Size, inches A x B
-32	3/8 x 1/4
-43	1/2 x 3/8
-54	5/8 x 1/2
-65	3/4 x 5/8
-74	7/8 x 1/2
-75	7/8 x 5/8
-95	1 1/8 x 5/8
-97	1 1/8 x 7/8
-117	1 3/8 x 7/8
-119	1 3/8 x 1 1/8

The part number consists of the document identifier and a dash no. (see table 1). The dash number denotes size in increments of 1/8 inch.

Example: Part Identifying Number “AA59446-32”:

AA59446 -32

Dash No. (32 = Elbow, 90 Degree Reducing, 3/8 x 1/4 inch tube size)

Document Identifier

6.2 Cross Reference Data.

MS35922	Tube Size, inches	AA59446
MS35922-32	3/8 x 1/4	AA59446-32
MS35922-43	1/2 x 3/8	AA59446-43
MS35922-54	5/8 x 1/2	AA59446-54
MS35922-65	3/4 x 5/8	AA59446-65
MS35922-74	7/8 x 1/2	AA59446-74
MS35922-75	7/8 x 5/8	AA59446-75
MS35922-95	1 1/8 x 5/8	AA59446-95
MS35922-97	1 1/8 x 7/8	AA59446-97
MS35922-117	1 3/8 x 7/8	AA59446-117
MS35922-119	1 3/8 x 1 1/8	AA59446-119

6.3 National Stock Numbers (NSNs). The following is a list of identified NSNs assigned that correspond to this CID. This list may not be indicative of all possible NSNs associated with this CID.

NSN	Size
4730-00-173-1745	-32
4730-00-289-1269	-54
4730-00-469-1984	-43

6.4 Sources of Documents.

6.4.1 Copies of ASME/ANSI B16.22 “Wrought Copper and Copper Alloy Solder Joint Pressure Fittings” are available from the American Society of Mechanical Engineers, 3 Park Avenue, New York, NY, 10016-5990.

6.4.2 The Federal Acquisition Regulation (FAR) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001.

6.5 Ordering data. Acquisition documents must specify the following

a. Title, number, and date of this commercial item description.
b. Part identification number.
c. Preservation and packing.

AA59446

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:
GSA/FSS - 7FXE

Custodians:
Air Force - 99
Army - GL4
Navy - SH
DLA - CC

Preparing activity:
DLA - CC

(Project 4730-0952-001)

Review activities:
Navy - MC