

INCH-POUND

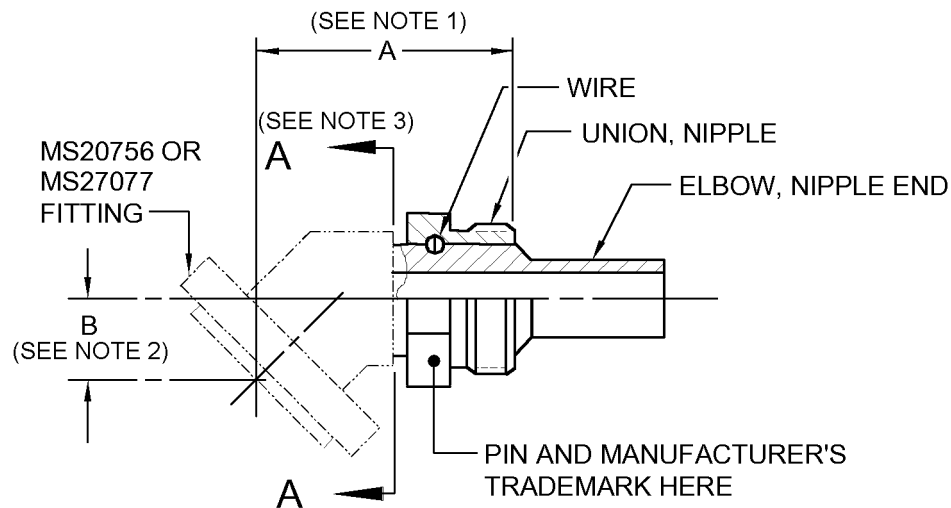
MS27064D
 24 September 2003
 SUPERSEDING
 MS27064C
 30 June 1972

DETAIL SPECIFICATION SHEET

ELBOW SUBASSEMBLY, SWIVEL FLANGE, 45°

This specification is approved for use by all Departments
 and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
 shall consist of this specification and MIL-DTL-27272.



NOTES:

1. Dimension A is measured between the hose end of the threaded section of the union and the free end of the insert at its centerline.
2. Dimension B is measured between the centerline of the nipple and the free end of the insert at its centerline.
3. Any bent tube design of subassembly components to the left of plane A-A is acceptable provided that the requirements of this specification sheet and the procurement specification are met.

FIGURE 1. Elbow subassembly illustration.

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REQUIREMENTS

Intended use. This part is a component of MS27056.

Identification of product. The Part or Identifying Number (PIN) and the manufacturer's trademark shall be permanently marked on the assembly. The PIN for this assembly shall be as specified in table I (e.g., MS27064-8C).

Dimensions. Dimensions are in inches.

Material. PIN suffix C, corrosion-resistant steel.

PIN suffix D. Aluminum alloy.

No PIN suffix. Combination of aluminum alloy and corrosion-resistant steel.

See applicable specification sheet for other components identified in table I for their material requirements.

Finish. Corrosion-resistant steel, do not passivate.

Aluminum alloy. Anodize in accordance with MIL-A-8625, type II, dye blue.

Order of precedence. This specification takes precedence over the documents referenced herein. Unless otherwise specified, referenced documents shall be of the issue in effect on the date of solicitation.

Elbow subassembly illustration. See figure 1.

TABLE I. Elbow subassembly composition.

PIN	Wire PIN	Union, nipple PIN	Elbow, nipple end PIN	A ^{1/} ±.035	B ^{2/} ±.035
MS27064	MS27072	MS27071	MS27084		
-8C	-8C	-8C	-8C	1.266	.338
-8			-8D		
-10C	-10C	-10C	-10C	1.324	.375
-10		-10D	-10D		
-12C	-12C	-12C	-12C	1.782	.468
-12		-12D	-12D		
-16C	-16C	-16C	-16C	1.838	.505
-16		-16D	-16D		
-20C	-20C	-20C	-20C	2.052	.569
-20		-20D	-20D		
-24C	-24C	-24C	-24C	2.318	.624
-24		-24D	-24D		

^{1/} Dimension A is measured between the hose end of the threaded section of the union and the free end of the insert at its centerline.

^{2/} Dimension B is measured between the centerline of the nipple and the free end of the insert at its centerline.

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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 MATETRIAL

Custodians:

Army - AV
Navy - AS
Air Force - 99
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-0868-033)

Review activities:

Army - AR, AT, MI
Navy - MC, SA, SH
Air Force - 71