

INCH-POUND

MS27621A
29 September 2000
SUPERSEDING
MS27621
17 March 1971

DETAIL SPECIFICATION SHEET

ELBOW SUB ASSEMBLY, FLARED, 90°, SWIVEL NUT

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 sheet and MIL-DTL-83296.

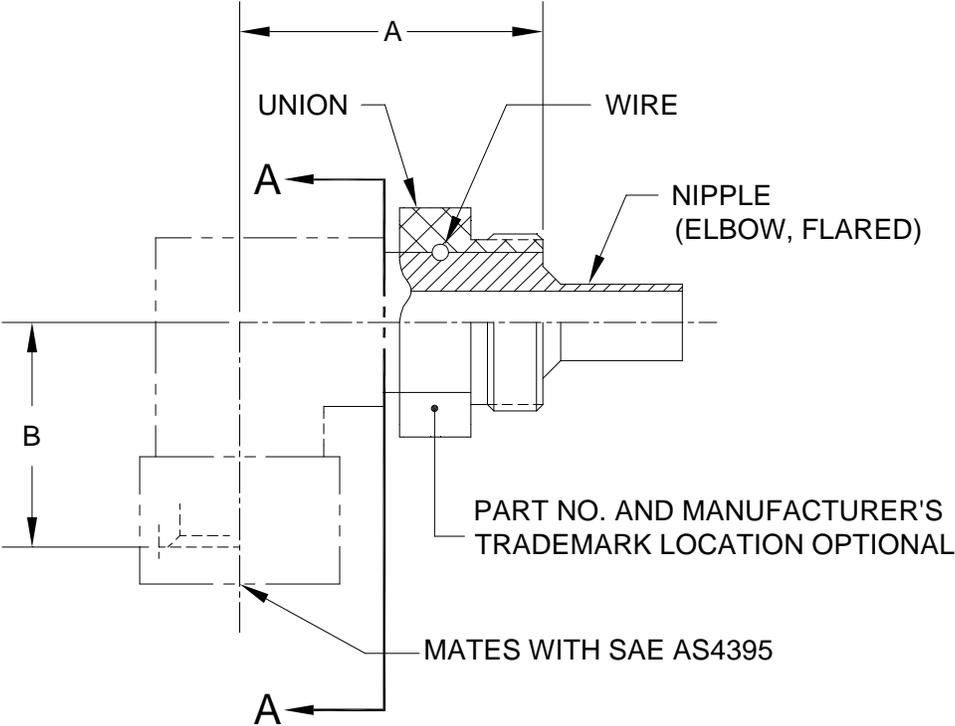


FIGURE 1. Elbow, 90°, flared, sub assembly.

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TABLE I. Elbow sub assembly parts and dimensions.

Part number	Union	Wire	Nipple	A (See note 3)	B (See note 3)
MS27621-4C	MS27624-4C	MS27625-4C	MS27627-4C	.970	.705
MS27621-6C	MS27624-6C	MS27625-6C	MS27627-6C	1.088	.836
MS27621-8C	MS27624-8C	MS27625-8C	MS27627-8C	1.304	.980
MS27621-10C	MS27624-10C	MS27625-10C	MS27627-10C	1.434	1.176

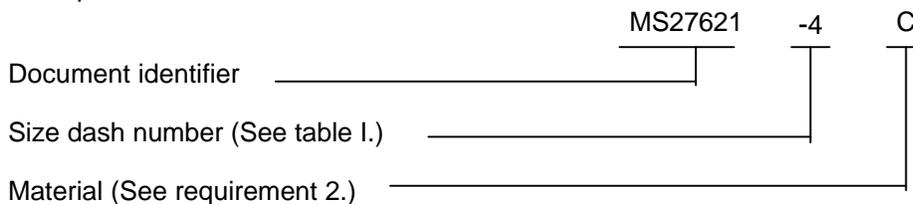
REQUIREMENTS:

1. Elbow shall be in accordance with figure 1 and table I.
2. Material shall be a corrosion resistant type steel.
3. Finish shall be in accordance with MIL-DTL-83296.
4. The part number and manufacturer's part number shall be marked in accordance with MIL-DTL-83296.

NOTES:

1. All dimensions are in inches.
2. Any design of adapter component to the left of plane A-A is acceptable provided that dimensions A & B, requirements and notes of this specification sheet, and the requirements of MIL-DTL-83296 are met.
3. Sizes -4 thru -8 shall have a forged design (Tolerance ± 0.020). Size -10 shall have a bent tube design (Tolerance ± 0.035).
4. These parts are for use with MIL-DTL-83298 hose.
5. This specification sheet takes precedence over documents referenced herein.
6. Referenced documents shall be of the issue listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.
7. Dimensioning and tolerancing are in accordance with ASME Y14.5M-1994.
8. Part or Identifying Number (PIN):

Example of a PIN: MS27621-4C.



9. Next assembly is MS27618.

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Custodians:

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

Preparing activity:

DLA - CC

(Project 4730-1040-012)

Review activities:

Air Force - 82
Navy - MC, SA