

INCH-POUND

MS27630A  
29 September 2000  
SUPERSEDING  
MS27630  
17 March 1971

## DETAIL SPECIFICATION SHEET

### ADAPTER ASSEMBLY, FLARELESS, 45° ELBOW, TUBE TO HOSE-WITH 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.

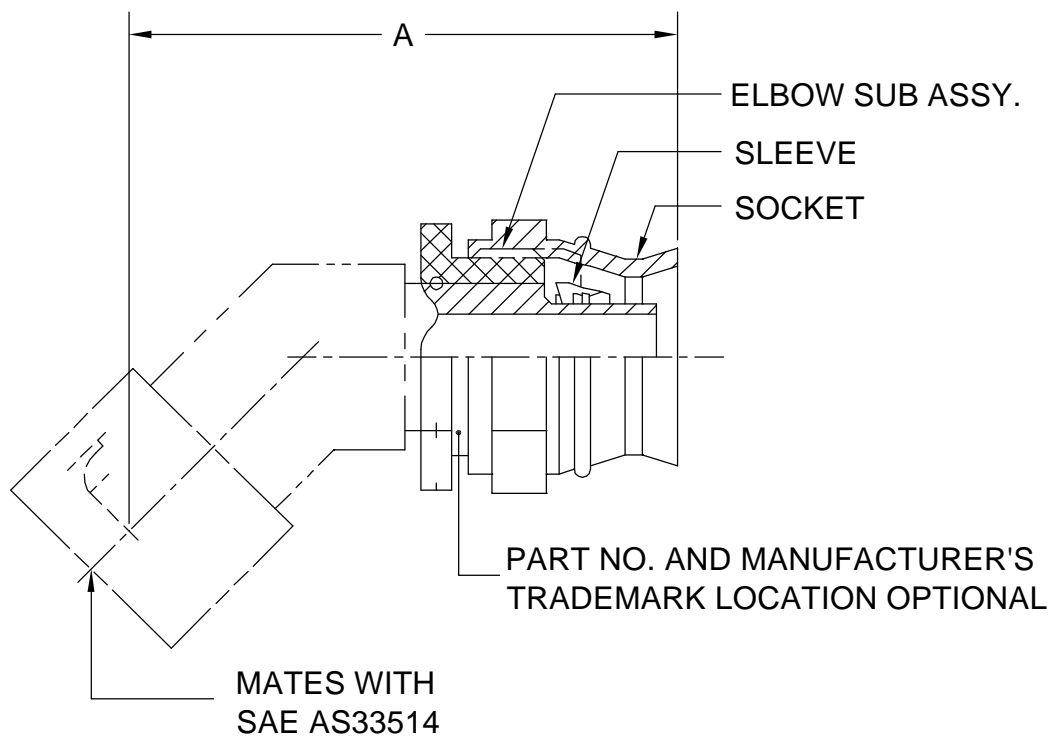


FIGURE 1. Elbow, 45°, flareless, adapter assembly.

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TABLE I. Adapter assembly parts and dimensions.

Part number	Elbow sub assembly	Sleeve	Socket	A max
MS27630-4C	MS27633-4C	MS27623-4C	MS27622-4C	2.33
MS27630-6C	MS27633-6C	MS27623-6C	MS27622-6C	2.66
MS27630-8C	MS27633-8C	MS27623-8C	MS27622-8C	3.16
MS27630-10C	MS27633-10C	MS27623-10C	MS27622-10C	2.91

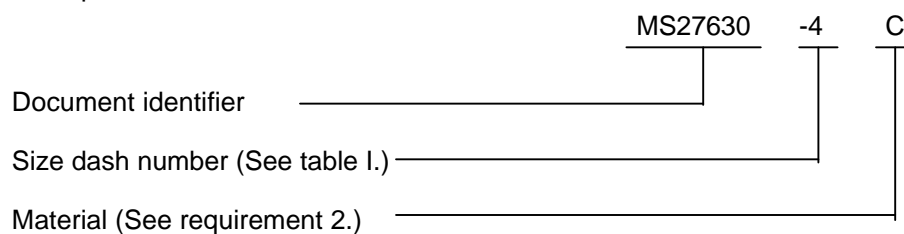
## REQUIREMENTS:

1. Adapter assemblies 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 ML-DTL-83296.
4. The part number and manufacturer's part number shall be in accordance with MIL-DTL-83296.

## NOTES:

1. All dimensions are in inches, unless otherwise specified.
2. Sizes -4 thru -8 shall have a forged design. Size -10 shall have a bent tube design.
3. These parts are for use with MIL-DTL-83298 hose.
4. This specification sheet takes precedence over documents referenced herein.
5. 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.
6. Dimensioning and tolerancing are in accordance with ASME Y14.5M-1994.
7. Part or Identifying Number (PIN):

Example of a PIN: MS27630-4C.



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Custodians:

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

Preparing activity:

DLA - CC

(Project 4730-1040-030)

Review activities:

Air Force - 82  
Navy - MC, SA