

INCH-POUND

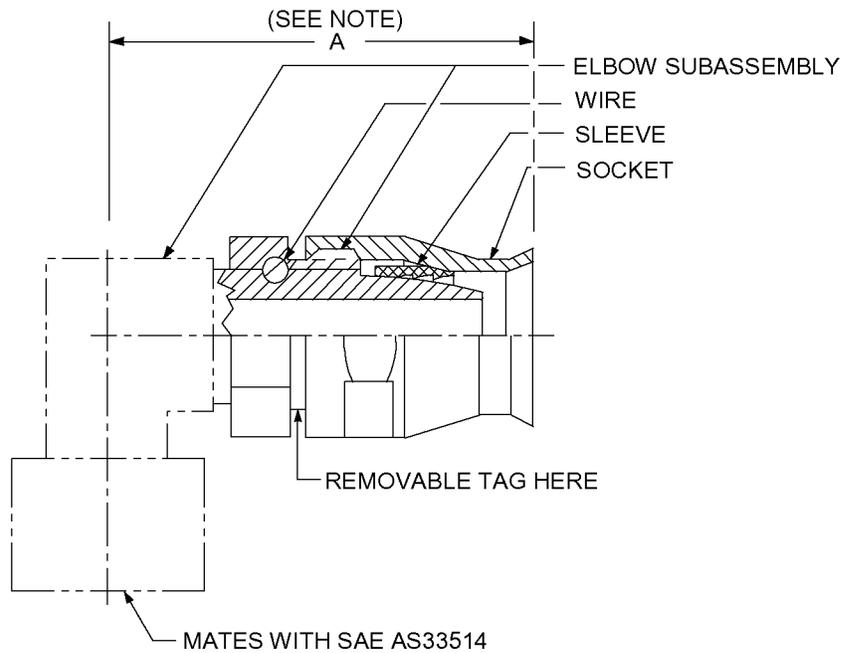
MS27383B  
25 September 2003  
SUPERSEDING  
MS27383A  
30 June 1972

DETAIL SPECIFICATION SHEET

ADAPTER ASSEMBLY, FLARELESS, 90° 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 and MIL-DTL-27272.



NOTE: Dimension A is measured between the hose end of the socket and the free end of the MS8000 series seal insert at its centerline when the socket is assembled on the nipple subassembly.

FIGURE 1. Adapter assembly illustration.

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REQUIREMENTS

Intended use. This adapter is intended for use with hose conforming to MIL-DTL-27267.

Dimensions. Dimensions are in inches.

Material. PIN suffix C, corrosion-resistant steel.

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

See applicable specification sheet and MIL-DTL-25579 for material of other components identified in table I for their material requirements.

Adapter assembly illustration. See figure 1.

Identification of product. The PIN and the manufacturer's PIN and Government Entity (CAGE) Code shall be marked on a removable tag securely attached to the adapter. The PIN for this assembly shall be as specified in table I (e.g., MS27383-10C).

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.

Flareless fitting, hose connector design. Use MIL-DTL-25579/1 for application of NAS 1760 design

TABLE I. Adapter assembly composition.

PIN <sup>1/</sup>	Elbow subassembly PIN	Sleeve PIN	Socket PIN	A <sup>2/</sup> max
MS27383	MS27388	MS27070	MS27069	
-10C	-10C	-10C	-10C	2.26
-10	-10			
-12C	-12C	-12C	-12C	2.76
-12	-12			
-16C	-16C	-16C	-16C	2.93
-16	-16			
-20C	-20C	-20C	-20C	3.45
-20	-20			
-24C	-24C	-24C	-24C	3.74
-24	-24			

<sup>1/</sup> If required, lockwire holes to be drilled in accordance with SAE AS1043 and suffix L added to the Part or Identifying Number (PIN) (e.g., MS273838-10CL).

<sup>2/</sup> Dimension A is measured between the hose end of the socket and the free end of the MS8000 series seal insert at its centerline when the socket is assembled on the nipple subassembly.

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 to complete reformatting.

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CONCLUDING MATERIAL

Custodians:

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

Preparing activity:  
DLA - CC

(Project 4730-0868-021)

Review activities:

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