

INCH-POUND

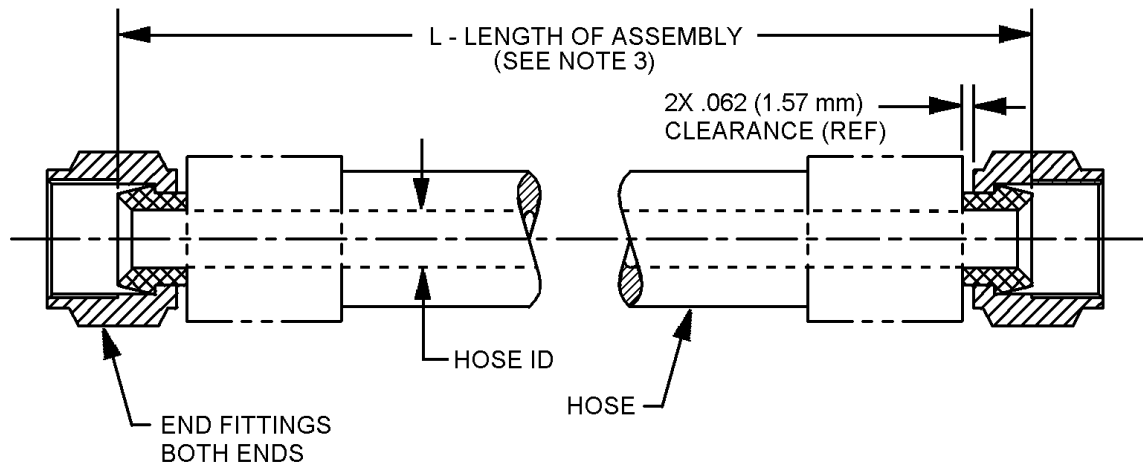
MS28741K
 15 January 2010
 SUPERSEDING
 MS28741J
 22 September 2000

DETAIL SPECIFICATION SHEET

HOSE ASSEMBLY, DETACHABLE END FITTING,
MEDIUM PRESSURE

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-8795.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Hose assembly lengths (L) shall be as specified with the following tolerances:
 - a. Under 18 inches (0.46 m) long $\pm .125$ inch (3.18 mm).
 - b. Over 18 to 36 inches (0.46 to 0.91 m) long $\pm .250$ inch (6.35 mm).
 - c. Over 36 to 50 inches long (0.91 to 1.27 m) $\pm .500$ inch (12.70 mm).
 - d. Over 50 inches long (tolerance $\pm 1.0\%$).

FIGURE 1. Hose assembly dimensions and configuration.

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TABLE I. Hose assembly requirements.

| Dash size number | Hose ID ref. inch (mm) | Adapter PIN ^{1/} MS24587 |
|------------------|---------------------------|--------------------------------------|
| -3 ^{2/} | .125 (3.18) | -3 |
| -4 | .188 (4.78) | -4 |
| -5 | .250 (6.35) | -5 |
| -6 | .313 (7.95) | -6 |
| -8 | .406 (10.31) | -8 |
| -10 | .500 (12.70) | -10 |
| -12 | .625 (15.88) | -12 |
| -16 | .875 (22.23) | -16 |
| -20 | 1.125 (28.58) | -20 |
| -24 | 1.375 (34.93) | -24 |
| -32 | 1.813 (46.05) | -32 |

^{1/} Part or Identifying Number (PIN).

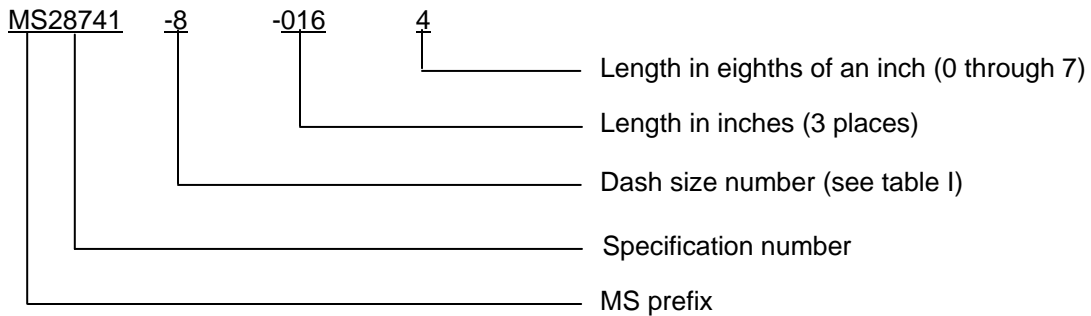
^{2/} Assembly PIN MS28741-3 shall not be used for hydraulic applications.

REQUIREMENTS:

Hose assemblies shall be as specified on figure 1 and in table I.

The hose assembly identification shall be marked in accordance with MIL-DTL-8795, identification of product, as specified in the requirements section.

PIN example:



Example of a PIN: MS28741-8-0164. MS28741 hose assembly, .406 inch (10.31 mm) ID, length 16.500 inches.

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.

Referenced documents. In addition to MIL-DTL-8795, this document references MS24587.

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CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - CC

(Project 4720-2009-016)

Review activities:

Army - AV, MI
Navy - MC, SA
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.