

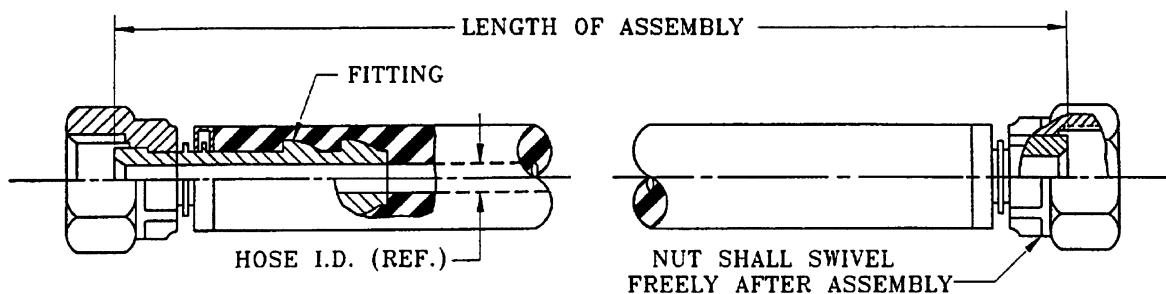
INCH-POUND

MS52104C
 1 June 1999
 SUPERSEDING
 MS52104B
 27 June 1984

DETAIL SPECIFICATION SHEET

HOSE ASSEMBLY, RUBBER: FUEL AND OIL,
 LOW PRESSURE, FLARED TUBE

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-13444.



NOTES:

1. All undimensioned pictorial representations are for reference purposes only.
2. Dimension "L" is the defined length of the hose assembly.
3. Hose assemblies shall be specified in the following length increments:
 - a. Under 24 inches - 1/2 inch increments.
 - b. 24 to 36 inches - 1 inch increments.
 - c. Over 36 inches - in not less than 2 inch increments.
4. Tolerances : $\pm 1/8$ for length under 24 inches, $\pm 1/4$ for the length from 24 to 36 inches, inches, $\pm 1\%$ for length over 36 inches.

FIGURE 1. General configuration.

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TABLE I. Hose and fitting thread sizes.

DASH NO.	HOSE I.D. REF.	HOSE O.D. REF.	FITTING THREAD REF.
- 4	1/4	0.500	7/16 - 20
- 6	3/8	0.625	9/16 - 18
- 8	1/2	0.750	3/4 - 16
- 10	5/8	0.906	7/8 - 14
- 12	3/4	1.031	1-1/16 - 12

REQUIREMENTS

Design and configuration: See figure 1 and table I.

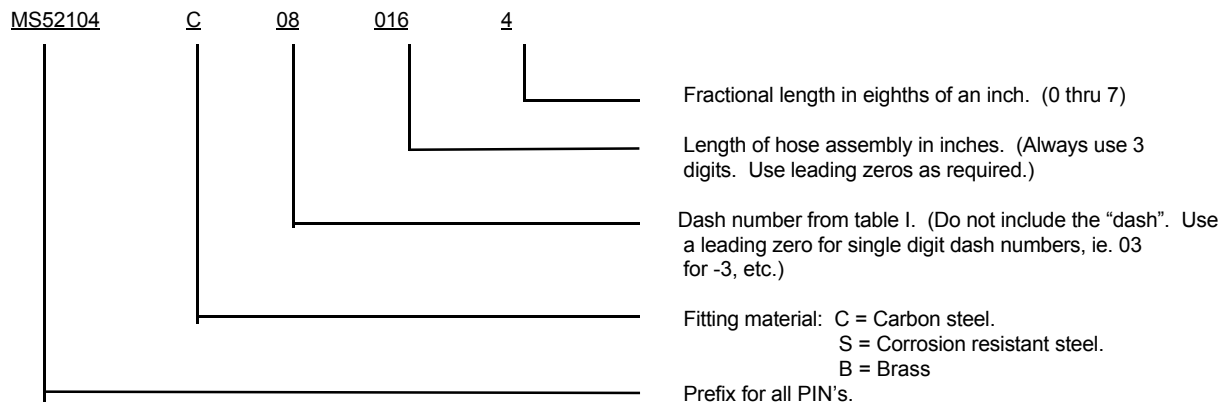
Hose material: The hose used in these assemblies shall be in accordance with MIL-DTL-13444, type I.

Fitting material:

- C - Carbon steel.
- B - Brass.
- S - Corrosion resistant steel.

Fittings: Fitting shall be in accordance with JIC 37°, flared type.

Part or Identifying Number (PIN). The PIN's to be used for hose assemblies acquired to this specification are created as shown in the example below.



Some existing MS PIN's do not completely fit the above layout, but they should continue to be used without change.

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Custodians:

Army - AT
Navy - YD2
DLA - CC

Preparing activity:

DLA - CC

(Project 4720-0252)

Review activities:

Army - AR, AV, MI
Navy - MC, SH