

INCH-POUND

MS27224B

14 May 2007

SUPERSEDING

MS27224A

22 September 2000

DETAIL SPECIFICATION SHEET

SWIVEL NUT ASSEMBLY 90°, ADAPTER, HOSE TO TUBE, REUSABLE, HYDRAULIC, FUEL AND OIL LINES 1/4 INCH THROUGH 2 1/2 INCH TUBE SIZES

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-5070.

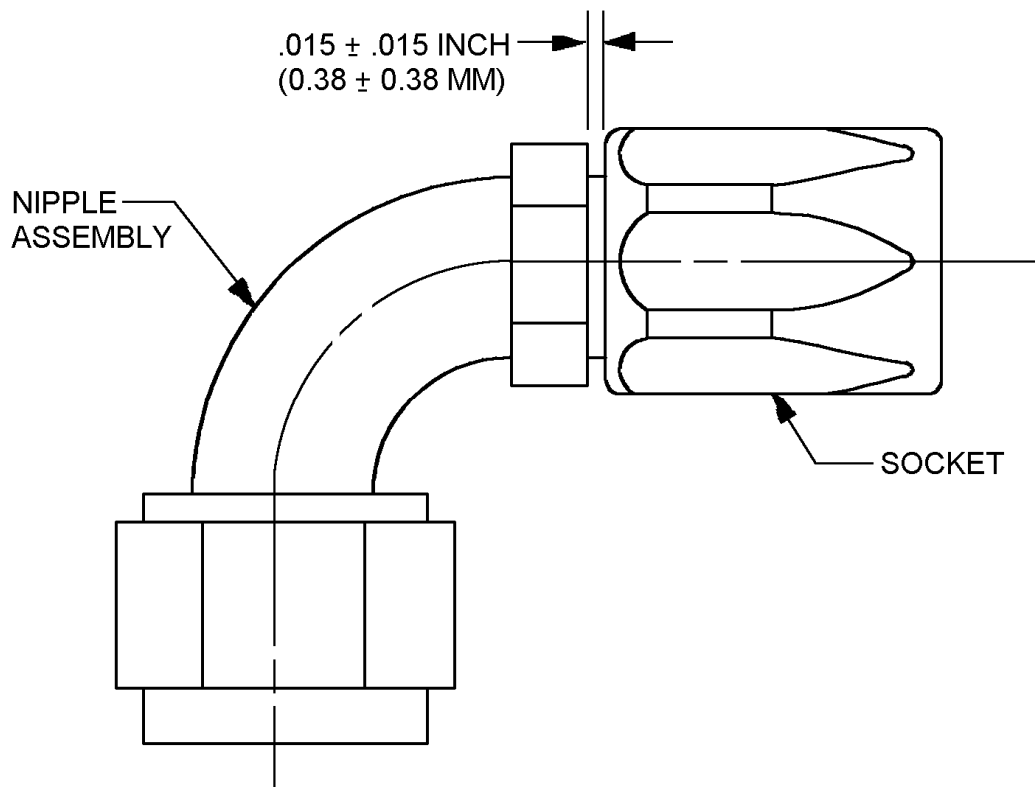


FIGURE 1. 90° swivel nut assembly dimensions and configuration.

MS27224B

Dash number	Nipple assembly PIN (see note 3)	Socket PIN
	MS27223	MS24590
-4	-4	-4
-5	-5	-5
-6	-6	-6
-8	-8	-8
-10	-10	-10
-12	-12	-12
		MS24591
-16	-16	-16
-20	-20	-20
-24	-24	-24
-32	-32	-32

NOTES:

- 1. Dimensions are in inches.
- 2. Metric equivalents are given for information only.
- 3. Part or Identifying Number (PIN).

FIGURE 1. 90° swivel nut assembly dimensions and configuration - Continued.

REQUIREMENTS:

Dimensions and configurations: The design, construction, and physical dimensions shall be in accordance with MIL-DTL-5070 and figure 1 in case of conflict between this drawing and MIL-DTL-5070, this drawing shall govern.

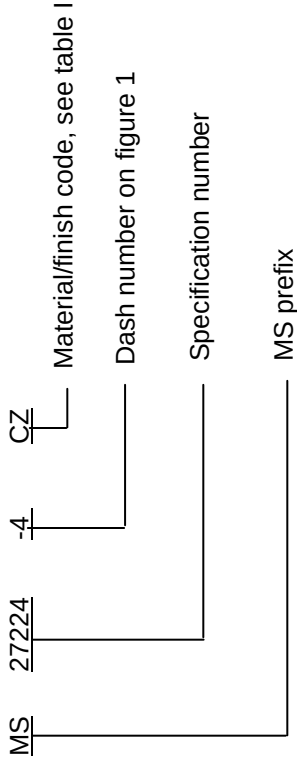
Intended use. This assembly is designed for use with hose conforming to MIL-DTL-8794.

Materials. Materials shall be in accordance with MIL-DTL-5070.

Finish. Finish shall be in accordance with MIL-DTL-5070.

Color identification: Color identification shall be in accordance with MIL-DTL-5070.

PIN example:



MS27224B

TABLE I. Code for material and finish.

Code	Dash size	Material/finish
CC	-4 through -6	Carbon Steel - cadmium plating
CZ	-4 through -6	Carbon steel - zinc plating
SS	-4 through -6	Corrosion resistant steel - N/A
AA	-8 through -32	Aluminum - anodic coating
TA	-4 through -32	Titanium - anodized or fluoride phosphated.

Identification of product. The PIN and the manufacturer's Commercial and Government Entity (CAGE) Code or trademark shall be marked on a removable tag securely attached to the assembly.

Referenced documents: In addition to MIL-DTL-5070, this document references the following:

MS27223 MS24591
MS24590 MIL-DTL-8794

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.

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 4730-2005-043)

Review activities:

Army - AV
Navy - MC, SA
Air Force - 11, 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>.