

MS39135F  
 4 January 1999  
 SUPERSEDING  
 MS39135E  
 15 May 1989

DETAIL SPECIFICATION SHEET

NUT, HOSE COUPLING, AUTOMOTIVE AIR BRAKE HOSE ADAPTER

This specification is approved for use by all Departments and Agencies of the Department of Defense.

This nut is a component of the adapter, straight, pipe to hose, automotive air brake hose, shown on MS39133.

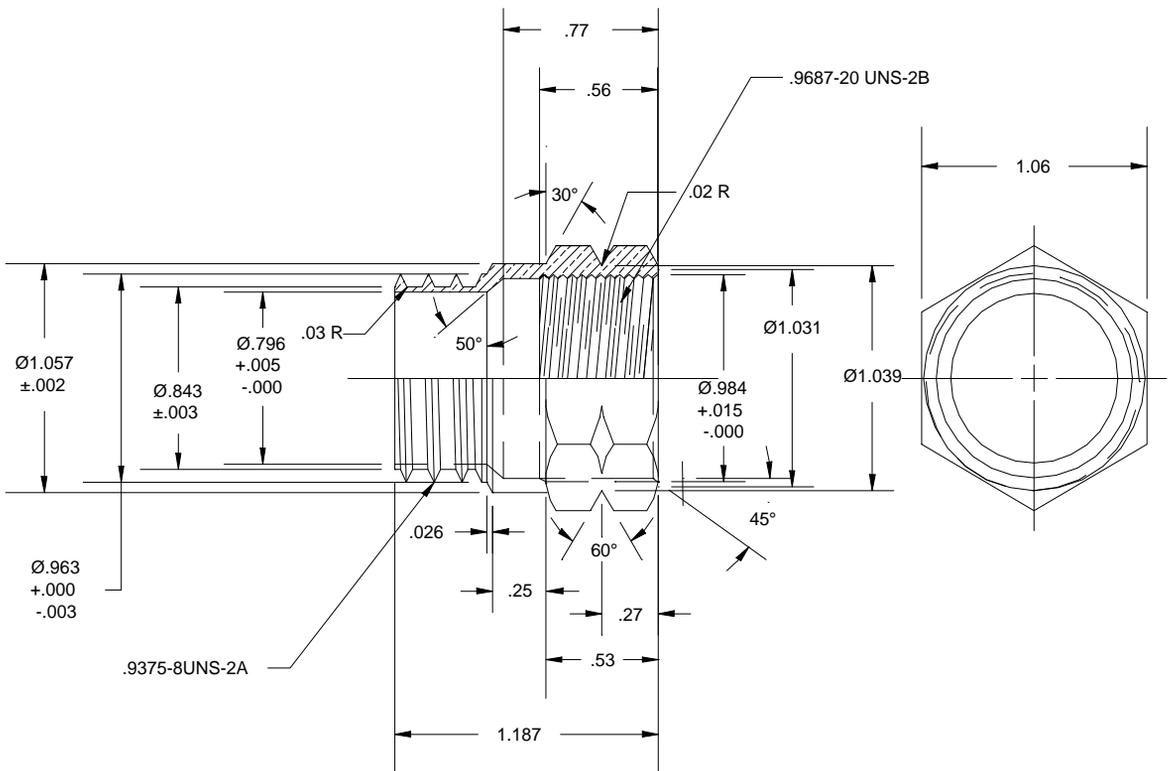


Figure 1. Hose Coupling Nut.

TABLE I. Nut Dimensions and Materials.

MS dash no.	Pipe end (NPTF Short)	Material
-1-B	1/4	Brass
-1-S		Steel
-2-B	1/2	Brass
-2-S		Steel

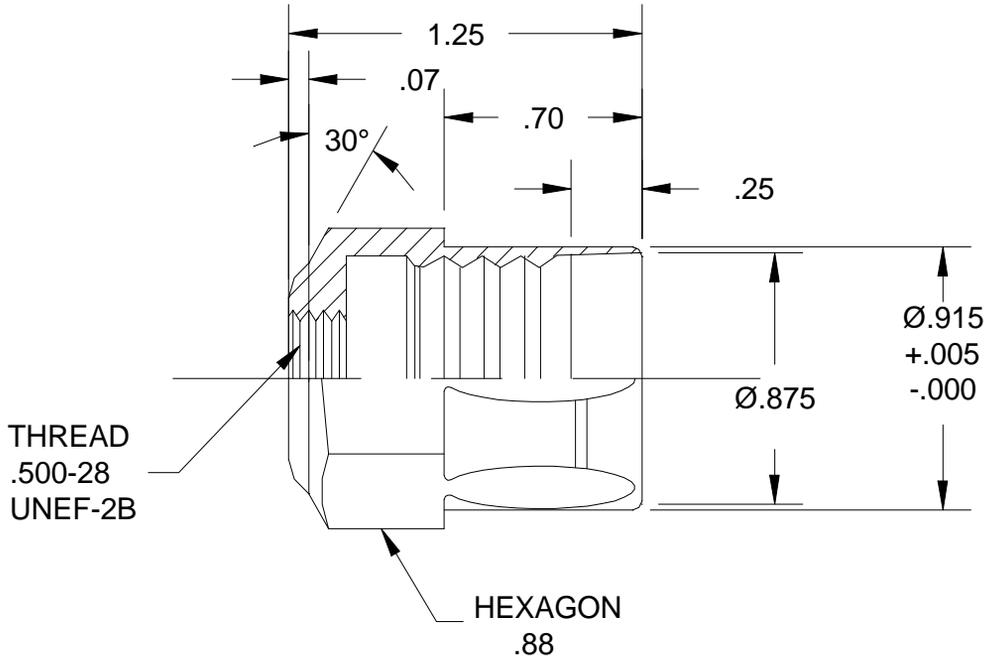


Figure 2. Alternate Design, Hose Coupling, Nut.

TABLE II. Alternate Design Nut Dimensions and Materials.

MS dash no.	Pipe end (NPTF Short)	Material
-A-1-B	1/4	Brass
-A-1-S		Steel
-A-2-B	1/2	Brass
-A-2-S		Steel

REQUIREMENTS:

1. Nuts shall be in accordance with figures 1 and 2 and tables I and II.
2. Materials shall conform to formed rod, tempered, half-hard brass as specified in ASTM B 16 and steel as specified in ASTM A 108.
3. Finishes for brass shall be uncoated and steel shall be zinc coated, thickness not less than 25µm, type II, as specified in ASTM B 633.
4. Tolerances for the nut, unless otherwise specified, are as follows:

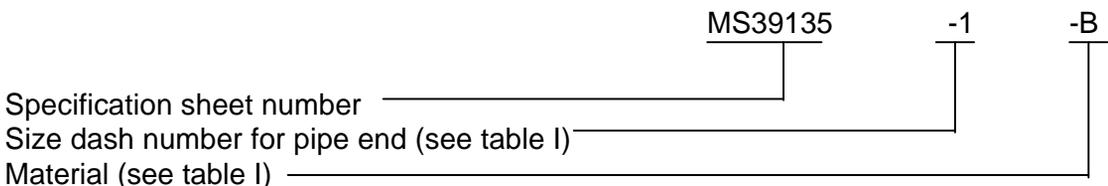
.XXX = ±.005  
 .XX = ±.02  
 Angles ±2°

5. Threads shall be in accordance with FED-STD-H28.

NOTES:

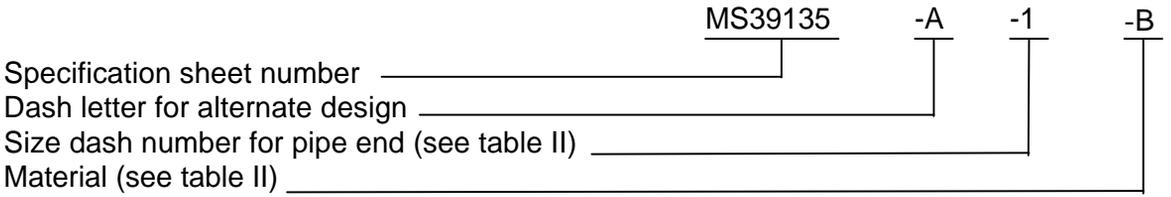
1. All dimensions are in inches, unless otherwise specified.
2. Referenced government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this standard to the extent specified herein.
3. For design feature purposes, this standard takes precedence over acquisition documents referenced herein.
4. In the event of a conflict between the text of this specification sheet and the references cited herein, the text of this specification sheet shall take precedence.
5. Part or Identifying Numbers (PINs).

Example of a military PIN: MS39135-1-B.



MS39135F

Example of a military PIN, alternate design: MS39135-A-1-B.



Custodians:

- Air Force - 99
- Army - AT

Preparing activity:

DLA - CC

(Project 4730-0717)

Review activities:

- Air Force - 82
- Army - AR, EA