

INCH-POUND

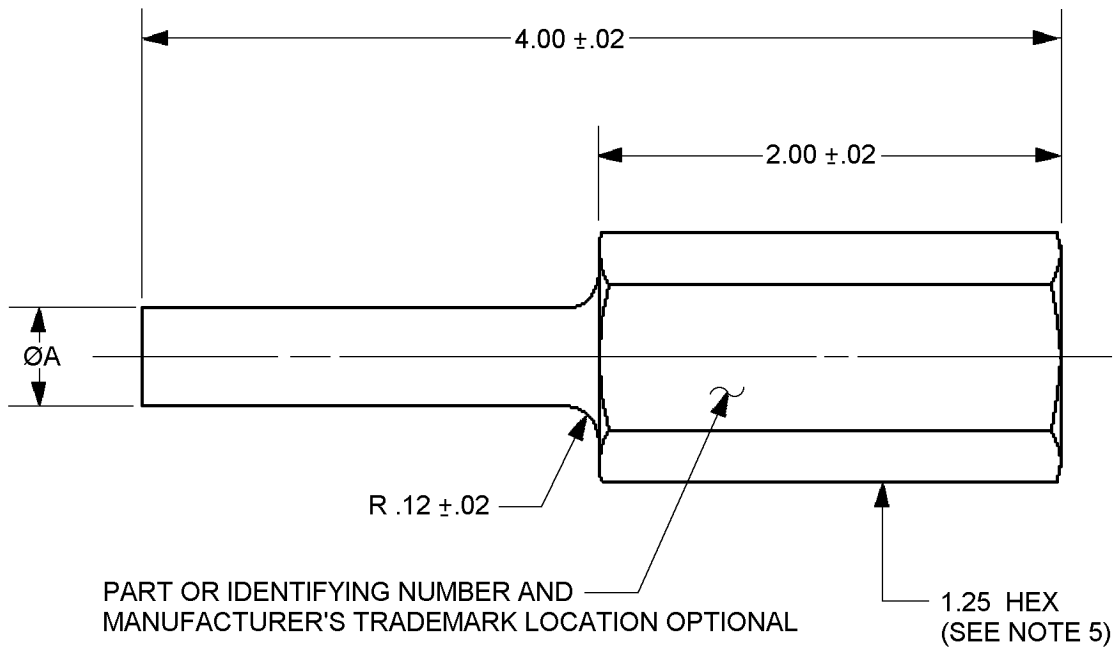
MS27639B
 22 October 2009
 SUPERSEDING
 MS27639A
 29 September 2000

DETAIL SPECIFICATION SHEET

DISASSEMBLY TOOL

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-83296.



Inches	mm
.02	0.51
.12	3.05
1.25	31.75
2.00	50.80
4.00	101.60

FIGURE 1. Disassembly tool.

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PIN	A +.000 -.005 (-0.13) inches (mm)
	MS27639-4C
MS27639-6C	.410 (10.41)
MS27639-8C	.505 (12.83)
MS27639-10C	.640 (16.26)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. All tolerances shall be ± 0.005 inch (0.13 mm), unless otherwise specified.
4. Surface roughness, in accordance with ASME B46.1, shall not exceed 125 μin R_a , unless otherwise specified.
5. For hex, use commercial stock size tolerance as specified in SAE-AMS2241.
6. Dimensioning and tolerancing are in accordance with ASME Y14.5M.
7. Radius or break all corners to $.005 +.005/-0.000$ inch (0.13 +0.13/-0.00 mm), unless otherwise specified.
8. All burrs and slivers shall be removed.

FIGURE 1. Disassembly tool - Continued.

REQUIREMENTS:

Dimensions and configurations: The design, construction, and physical dimensions shall be in accordance with MIL-DTL-83296 and on figure 1, in case of conflict between this specification sheet and MIL-DTL-83296, this specification sheet shall govern.

This part for use with hose assemblies in accordance with MIL-DTL-32330.

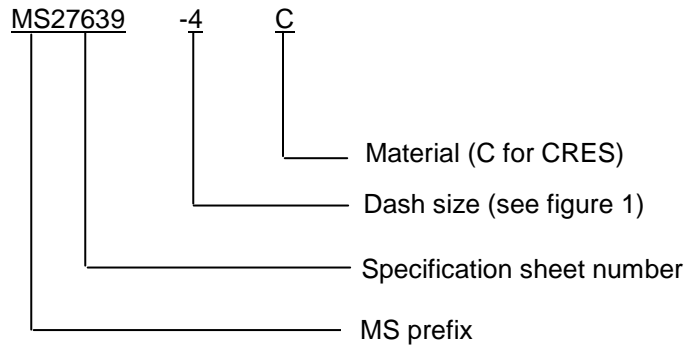
Material: Material shall be tool steel alloy UNS T41902, type 2 in accordance with ASTM A681.

Hardness: Hardness shall be Rockwell C 58 to 60.

Finish: Finish shall be black oxide in accordance with SAE-AMS2485.

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PIN example:



PIN example: MS27638-4C

Changes from previous issue. Marginal notations are not used in this revision to identify changes due to the extent of the changes.

Referenced documents. In addition to MIL-DTL-83296, this document references the following:

MIL-DTL-32330	ASTM A681
ASME B46.1	SAE-AMS2241
ASME Y14.5M	SAE-AMS2485

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - CC

(Project 4730-2008-070)

Review activities:

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>.