

INCH-POUND

MS27639A  
29 September 2000  
SUPERSEDING  
MS27639  
17 March 1971

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.

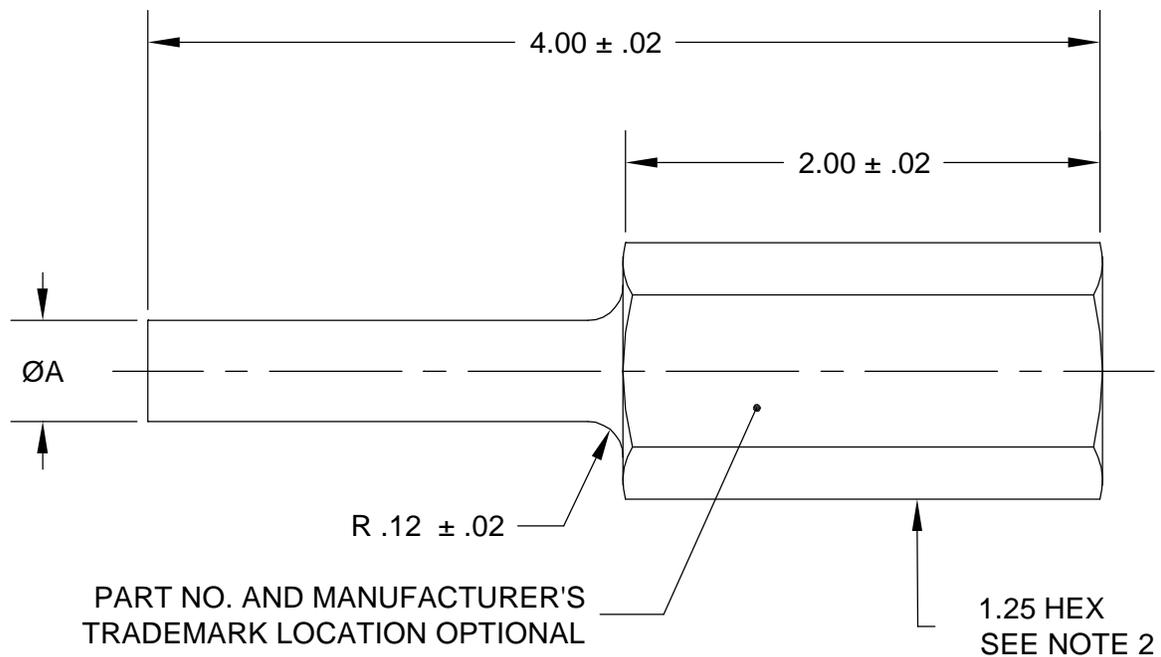


FIGURE 1. Disassembly tool.

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TABLE I. Disassembly tool dimensions.

Part number	A +.000 -.005
MS27639-4C	.315
MS27639-6C	.410
MS27639-8C	.505
MS27639-10C	.640

REQUIREMENTS:

1. Disassembly tools shall be in accordance with figure 1 and table I.
2. Material shall be S2 steel (UNS T41902) as specified in ASTM A681. Hardness shall be Rockwell C 58 to 60.
3. Finish shall be black oxide as specified in AMS2485.
4. Radius or break all corners to .005 +.005/-.000, unless otherwise specified.
5. All burrs and slivers shall be removed.
6. Surface roughness, as specified in ASME B46.1, shall not exceed 125  $\mu\text{in}$   $R_a$ .
7. All tolerances shall be  $\pm$ .005, unless otherwise specified.
8. The part number and manufacturer's part number shall be marked in accordance with MIL-DTL-83296.

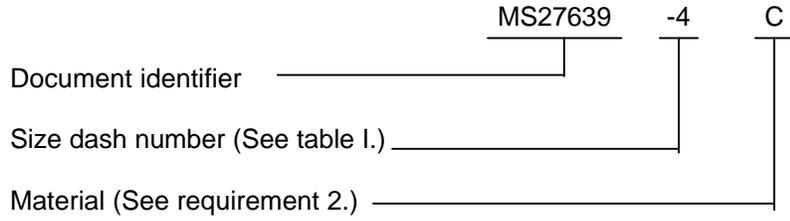
NOTES:

1. Dimensions are in inches, unless otherwise specified.
2. For hex, use commercial stock size tolerance as specified in SAE AMS2241M.
3. These parts are for use with MIL-DTL-83298 hose.
4. This specification sheet takes precedence over documents referenced herein.
5. Referenced documents shall be of the issue listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.
6. Dimensioning and tolerancing are in accordance with ASME Y14.5M-1994.

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7. Part or Identifying Number (PIN):

Example of a PIN: MS27639-4C.



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

Preparing activity:  
DLA - CC  
(Project 4730-1040-044)

Review activities:  
Air Force - 82  
Navy - MC, SA