

INCH-POUND

MS27612J
10 January 2001
SUPERSEDING
MS27612H
10 November 1999

DETAIL SPECIFICATION SHEET

ADAPTER, HYDRAULIC BLEEDER VALVE, AIRCRAFT WHEEL BRAKE

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

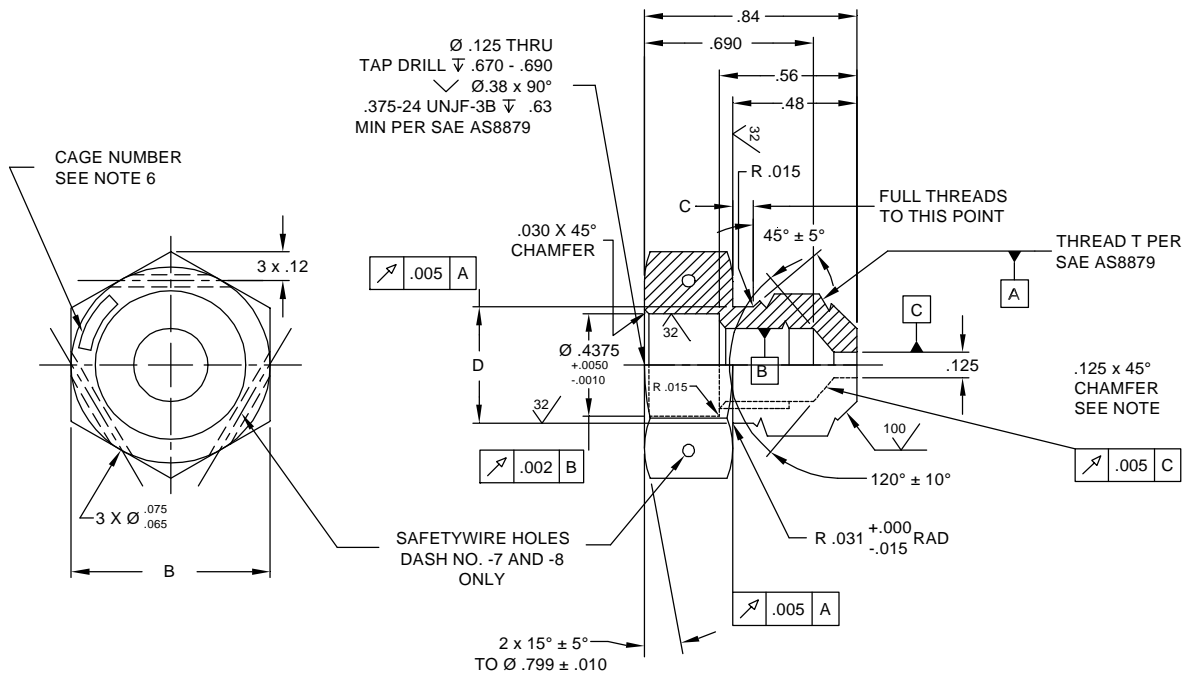


FIGURE 1. Adapter.

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TABLE I. Dimensions.

Part No.	T Thread Size	B + .003 - .004	C	D + .002 - .003 Dia.
MS27612-5 MS27612-7 <u>1/</u>	.5625-18UNJF-3A	.8130	.083 +.015 -.000	.481
MS27612-6 MS27612-8 <u>1/</u>	.7500-16UNJF-3A	1.000	.100 +.009 -.006	.660

1/ Preferred part. See note 3.

REQUIREMENTS:

1. Material: Steel bar, Type 1117 per ASTM-A108, ASTM-A575, ASTM-A576 or equivalent. Alternate material: Steel bar Type 12L14 per FED-STD-66.
2. Finish: Cadmium is to be used only when other plating cannot meet the performance requirements of this document. If cadmium plating is used it shall be QQ-P-416, type II, class 3, .0002 to .0003 inch thick.
3. Surface texture: Symbols per ASME Y14.36. Requirements per ASME B46.1. Unless otherwise specified, surfaces to be 150 μin R_a , except as noted.
4. This surface to be a smooth conical surface free from burrs, tool marks and visible flat spots. Annular tool marks will be allowed to 100 μin R_a maximum.
5. Remove sharp edges, burr and silvers.
6. Permanently mark the cage number on the surface as shown in figure 1.

NOTES:

1. Dimensioning and tolerancing: ASME Y14.5.
2. Dimensions in inches. Unless otherwise specified, tolerances: Fractions $\pm .0156$. Decimals $\pm .005$, Angles $\pm .5^\circ$.
3. MS27612-7 and -8 specify adapters with safetywire holes and are preferred to -5 and -6 for new design.

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Custodians:

Army - AV
Navy - AS
Air Force - 99

Preparing activity:
DLA-CC

(Project 4730-2120)

Review activities:

Army - AT
Navy – SA, MC
Air Force - 11, 70, 82