

INCH-POUND

MS27611F

10 January 2001

SUPERSEDING

MS27611E

10 November 1999

DETAIL SPECIFICATION SHEET

VALVE, HYDRAULIC BLEEDER, AIRCRAFT WHEEL BRAKE

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

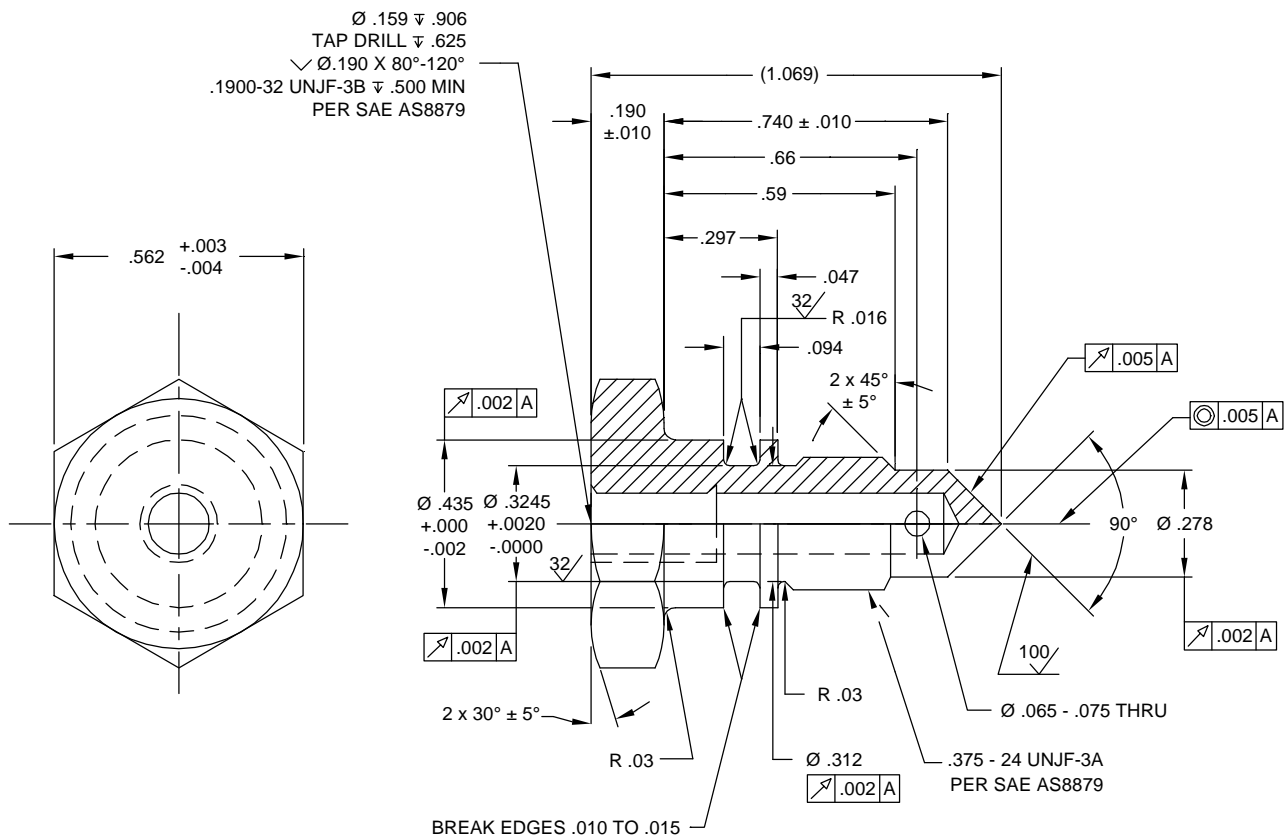


FIGURE 1. Valve.

MS27611F

REQUIREMENTS:

1. Material: Steel Rod, Type 8630 Per AMS6280.

Alternative Material Types:

4130 Per SAE AMS-S-6758

4140 Per AMS6349 or AMS6382

4330 Per AMS6427

8740 Per AMS6327

2. Heat treat to C28RH to C33RH.
3. Finish: Cadmium plating is to be used only when other platings cannot meet the performance requirements of this specification. If cadmium plating is used, it shall be per QQ-P-416, Type II, Class 3, .0002 to .0003 inch thick.
4. Surface texture: Symbols per ASME Y14.36. Requirements per ASME B46.1. Unless otherwise specified surfaces to be 150 μ in Ra.
5. Break edges .003 to .015 unless otherwise specified.
6. The valve shall withstand and seal 3,000 PSI min pressure.
7. Use O-Ring packing in accordance with MIL-P-83461/1, part number M83461/1-011, or equivalent.

NOTES:

1. Dimensioning and tolerancing: ASME Y14.5.
2. Dimensions are in inches. Unless otherwise specified, tolerances: Decimals \pm .005, Angles \pm .5°.

Custodians:

Army - AV

Navy - AS

Air Force - 99

Preparing activity:

DLA - CC

(Project 4820-0842)

Review activities:

Army - AT

Navy - SA, MC

Air Force - 70