

INCH-POUND

AN6204J  
10 November 1999  
SUPERSEDING  
AN6204H  
22 February 1988

DETAIL SPECIFICATION SHEET

VALVE, HYDRAULIC BLEEDER

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 and SAE Aerospace Standard AS4875.

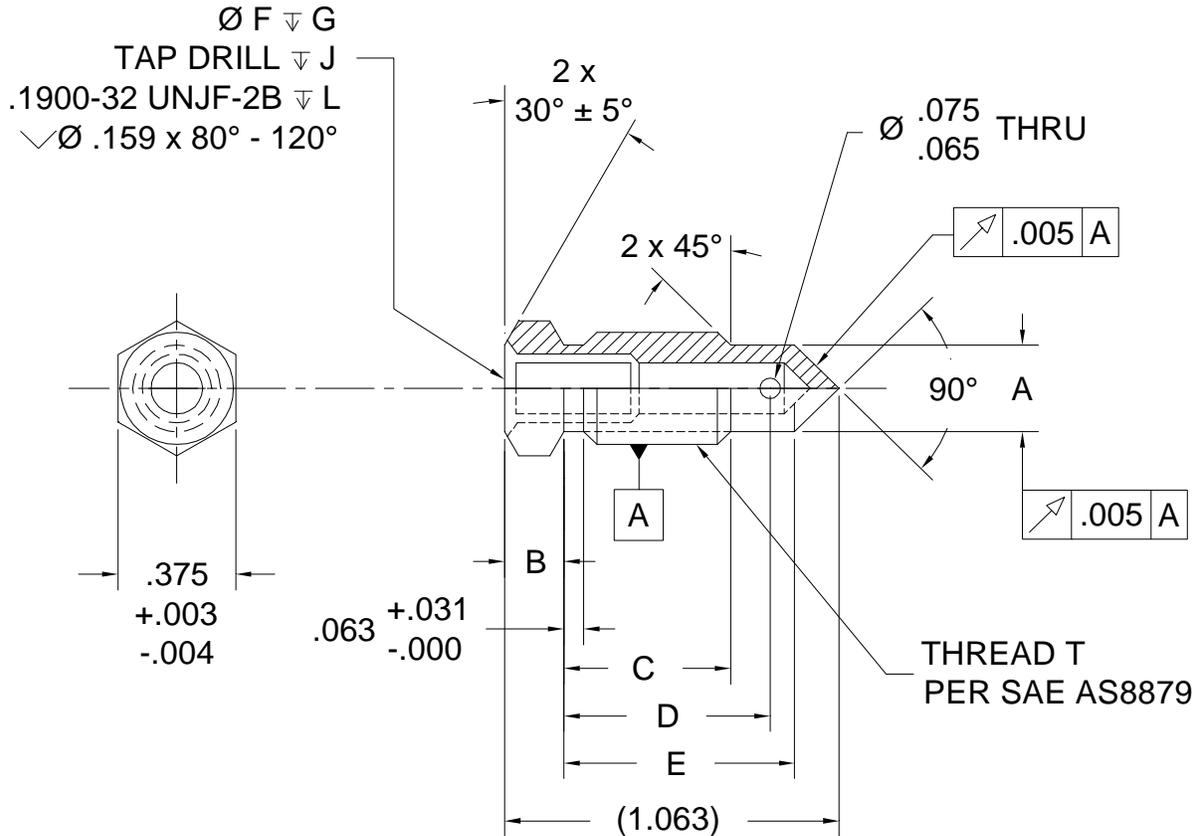


FIGURE 1. Valve.

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TABLE I - Dimensions.

Part No.	Thread T	A Dia	B ±.016	C ±.016	D ±.016	E ±.016	F	G ±.016	J ±.016	L ±.016
AN6204-1	.3750-24 UNJF-2A	.278	.188	.563	.656	.734	.159	.906		
AN6204-2	.2500-28 UNJF-2A	+0.000 .190 -0.005	.430	.406	.453	.531	.0781	+0.000 .922 -0.010	.344	.313

REQUIREMENTS:

1. Material: Steel bar, rod, or forging, type 4140 per AMS6349 or AMS6382.
2. Heat treat to 155,000 PSI tensile strength.
3. Finish: Cadmium plating is to be used when other platings cannot meet the performance requirements of this document. If cadmium plating is used it shall be per QQ-P-416, Type II, Class 2, dyed black.
4. Surface texture shall be 250  $\mu\text{in}$   $R_a$  for unmachined surfaces, except forging parting lines and 500  $\mu\text{in}$   $R_a$  for forging parting planes per ASME B46.1.
5. The valve shall withstand and seal 2,250 PSI minimum pressure.
6. Break edges .003 to .015 unless otherwise specified.

NOTES:

1. Dimensioning and tolerancing: ASME Y14.5.
2. Dimensions are in inches: Unless otherwise specified, tolerances  $\pm .005$ , angles  $\pm .5^\circ$ .

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

Preparing activity:  
 DLA - CC  
 (Project 4820-0822)

Review activities:  
 Air Force - 11, 70, 82