

INCH-POUND

AN901 REV. 9  
**1 February 2006**  
SUPERSEDING  
AN901 REV. 8  
11 June 1968

## DETAIL SPECIFICATION SHEET

### GASKET – METAL TUBE CONNECTION SEAL

Inactive for new design after 16 June 1997

This specification sheet 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.

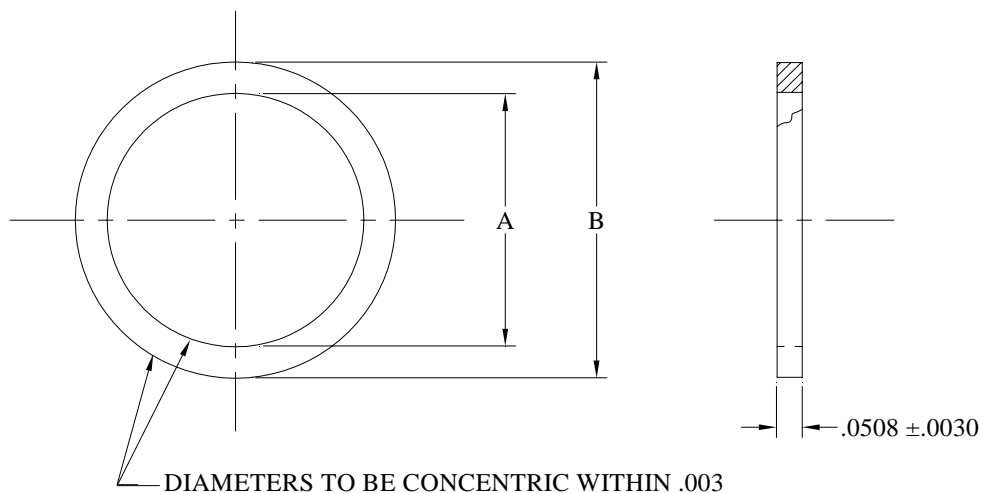


FIGURE 1. Gasket

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TABLE I. Gasket Dash Numbers and Dimensions

DASH NUMBER		TUBING OD	ØA +.010 -.000	ØB +.000 -.010
ALUMINUM	COPPER			
4A	4C	.250	.443	.683
5A	5C	.313	.505	.745
6A	6C	.375	.568	.808
8A	8C	.500	.755	.995
10A	10C	.625	.880	1.120
12A	12C	.750	1.068	1.370
16A	16C	1	1.318	1.620
20A	20C	1.250	1.630	1.870
24A	24C	1.500	1.880	2.120
28A	28C	1.750	2.255	2.495
32A	32C	2	2.505	2.745

NOTES:

1. Material: Aluminum, specification SAE AMS-QQ-A-250/1, temper H14.  
Copper, specification ASTM B152/B152M Standard O60 cold rolled, soft annealed.
2. Finish: Copper, cadmium plate, specification SAE AMS-QQ-P-416, type II, class 3.
3. Color: Copper, yellow.
4. Heat treatment: Copper gaskets shall be annealed after fabrication and prior to plating.
5. Surfaces shall be smooth, flat and free from nicks and scratches.
6. Examples of part numbers: AN901-4A = Aluminum gasket for 1/4 OD tubing.  
AN901-4C = copper gasket for 1/4 OD tubing.
7. Break all sharp edges and remove all hanging burrs and slivers which might become dislodged under usage.
8. Dimensions in inches.
9. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army – AV  
Navy – AS  
Air Force – 99

Preparing activity:

DLA – IS

(Project 5330-2005-009)

Review Activities:

Army – MI  
Navy - SA

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>