

INCH-POUND

AN901 REV. 10
5 January 2011
SUPERSEDING
AN901 REV. 9
1 February 2006

DETAIL SPECIFICATION SHEET

GASKET – METAL TUBE CONNECTION SEAL

Inactive for new design after 16 June 1970.

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.

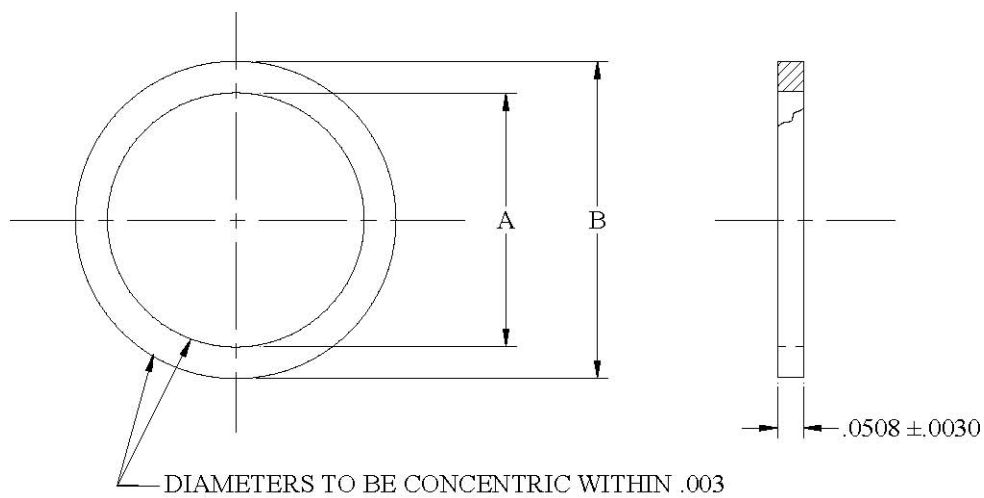


FIGURE 1. Gasket

TABLE I. Gasket Dash Numbers and Dimensions

DASH NUMBER		TUBING OD	ØA	ØB
ALUMINUM	COPPER		+ .010 - .000	+ .000 - .010
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 ASTM B209, Alloy 1100, 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. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodians:

Army – AV
Navy – AS
Air Force – 99

Preparing activity:

DLA – IS

(Project 5330-2011-004)

Review Activities:

Army – MI
Navy – MC, 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 <https://assist.daps.dla.mil>.