

INCH-POUND

A-A-59326/6D

12 May 2014

SUPERSEDING

A-A-59326/6C

April 20, 2011

COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

COUPLING HALF, FEMALE BY HOSE SHANK, TYPE VI

The General Services Administration has authorized the use of this commercial item description, for all federal agencies.

The complete requirements for procuring couplings described herein shall consist of this document and the latest issue in effect of A-A-59326.

1. SCOPE: This specification covers a Female by Hose Shank, Type VI Coupling Half.
2. CLASSIFICATION: The size of the coupling halves is designated in Table I.

TABLE 1. Coupling half size.

Dash No.	Cam-Lock Nom. Size	Hose Shank Dimensions					Gasket Reqd	Working Pressure (psi)	Hydrostatic Pressure (psi)
		A	B	C	D	E			
1	½	.484	.594	1.50	.19	.50	-1	150	300
2	¾	.734	.844	2.00	.25	.75	-2	150	300
3	1	.984	1.078	2.25	.38	.75	-3	150	300
4	1 ¼	1.234	1.344	2.37	.38	.81	-4	150	300
5	1 ½	1.484	1.594	2.37	.38	.81	-5	150	300
6	2	1.969	2.094	3.00	.38	1.12	-6	150	300
7	2 ½	2.484	2.626	3.12	.44	1.38	-7	150	300
8	3	2.969	3.125	4.00	.50	1.50	-8	150	300
9	4	3.969	4.125	4.25	.50	1.62	-9	150	300
10	6	6.000	6.125	6.50	.50	1.62	-10	75	150
11	6	6.000	6.125	6.50	.50	1.62	-10	150	225

Note: Sizes are in Inches

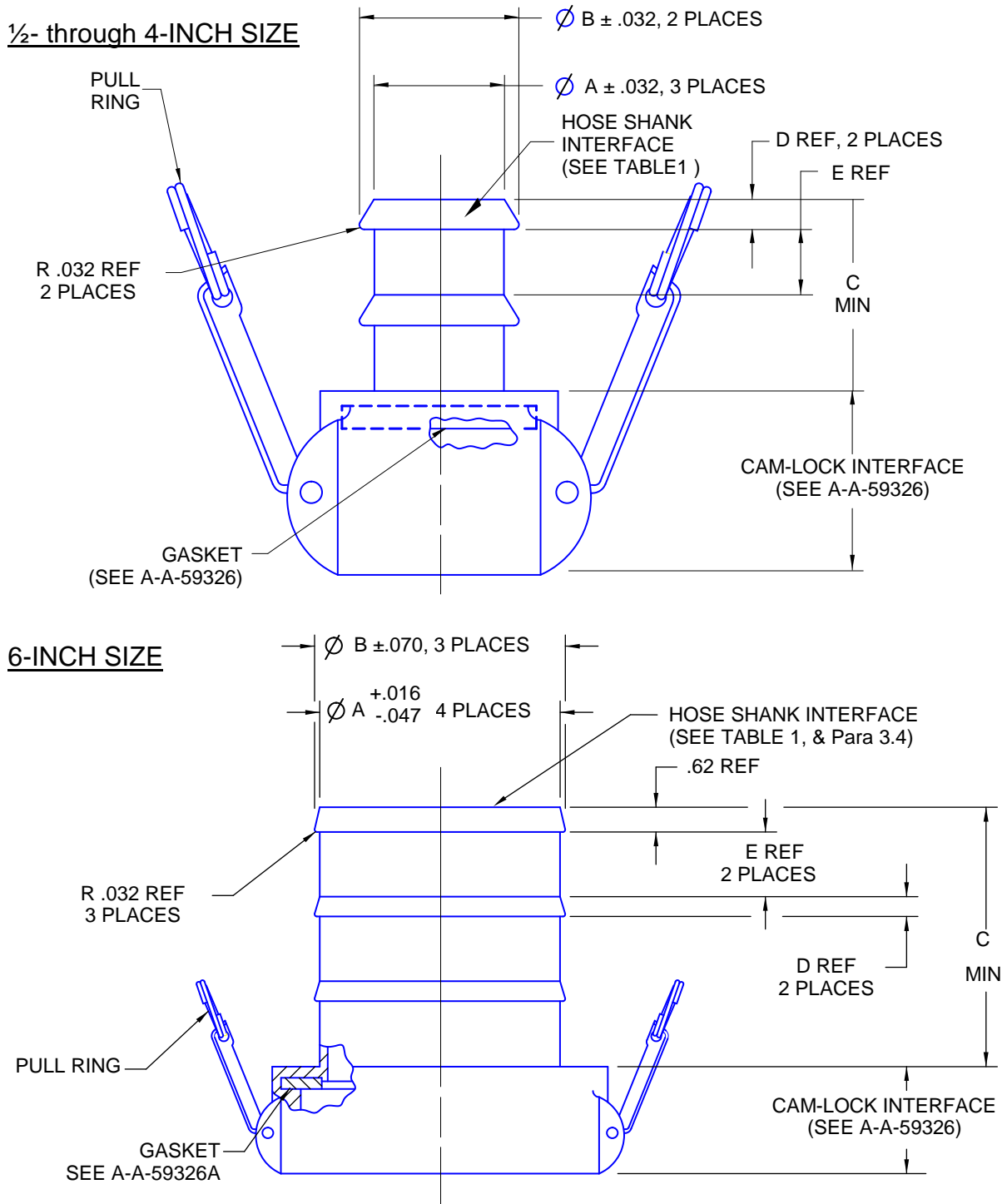
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AMSC N/A

FSC 4730

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A-A-59326/6D



- NOTES:
1. For interpretation of geometric tolerancing symbology, see ASME Y14.5M.
 2. The size of the coupling shall conform to Table 1.
 3. Dimensions are in inches.

FIGURE 1. Coupling Half.

A-A-59326/6D

3. SALIENT CHARACTERISTICS. The following characteristics differ from those listed in A-A-59326.

3.1 Hydrostatic test pressure. See Table 1.

3.2 Working Pressure. See Table 1.

3.3 Number of Cam Arms. The dash number 1 (one) through 10 (ten) couplings (see Table 1) shall have two cam arms. The dash 11 (eleven) coupling, 6inch, 150 psi working pressure (see Table 1) shall have 4 (four) cam arms.

3.4 Accessories. The coupling shall be supplied with pull rings and gasket.

4. NOTES.

4.1 Part Identification Number (PIN). The following PIN procedure is for government purposes and does not constitute a requirement for the contractor. This example describes a part numbering system for specification sheet A-A-59326/6.

AA59326/6-3-SS-1; where /6 indicates a Female by Hose Shank coupling half; -3 indicates a 1-inch nominal size; SS indicates a stainless steel body; and -1 indicates a style 1 coupling.

Material: A-Aluminum Alloy
B- Copper Alloy (Brass or Bronze)
BA – Aluminum Bronze
SS – Stainless Steel

Style 1 – Style 1 couplings do not require the incorporation of a positive locking mechanism to lock the cam arms in the closed position but the cam arms shall stay in the closed position when the coupling halves are assembled.

Style 2- Style 2 couplings shall incorporate a positive locking mechanism to lock the cam arms in the closed position when the coupling halves are assembled. The locking mechanism shall be manually released (the release doesn't have to stay in the released position) before the cam arms can be moved to the open position.

A-A-59326/6D

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:
GSA - FAS

Custodians:

Army - AT
Navy - YD
Air Force - 99

Preparing Activity:

Army - AT

(Project 4730-2014-042)

Review Activities:

Army - AV, GL
Navy - MC, SH
Air Force - 71
DLA - CC

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