

INCH-POUND

A-A-59326/1B

March 23, 2011

SUPERSEDING

A-A-59326/1A

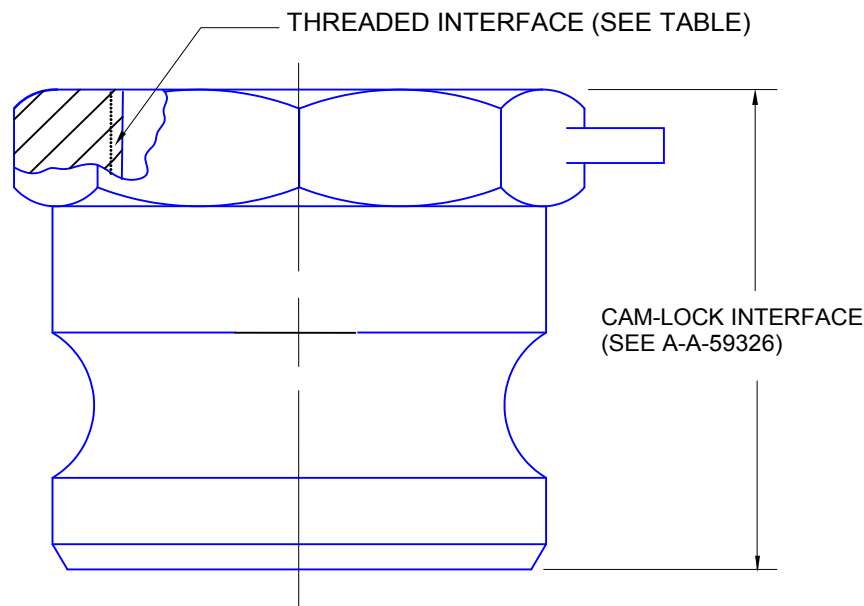
May 1, 2003

COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

COUPLING HALF, MALE BY INTERNAL PIPE THREAD, TYPE I

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.

FIGURE 1. Coupling half.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data that may improve this document should be sent to DAMI_STANDARDIZATION@conus.army.mil or U.S. Army RDECOM, Tank Automotive Research, Development and Engineering Center, ATTN: RDTA-EN/STND/TRANS MS #268, 6501 E. 11 Mile Road, Warren, MI 48397-5000. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.daps.dla.mil>.

AMSC N/A

FSC 4730

Distribution Statement A. Approved for public release; distribution is unlimited.

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1. SCOPE. This specification sheet covers a male cam-locking type coupling half to be used in conjunction with coupling halves having male threaded ends.
2. CLASSIFICATION. The size of the coupling halves is designated in table I.

TABLE I. Coupling half size.

Dash No.	Cam-Lock Nom Size	Thread FNPT-TPI
1	$\frac{1}{2}$	$\frac{1}{2}$ -14
2	$\frac{3}{4}$	$\frac{3}{4}$ -14
3	1	1-11 $\frac{1}{2}$
4	1 $\frac{1}{4}$	1 $\frac{1}{4}$ -11 $\frac{1}{2}$
5	1 $\frac{1}{2}$	1 $\frac{1}{2}$ -11 $\frac{1}{2}$
6	2	2-11 $\frac{1}{2}$
7	2 $\frac{1}{2}$	2 $\frac{1}{2}$ -8
8	3	3-8
9	4	4-8
10	6	6-8

NOTE: Sizes are in inches.

3. SALIENT CHARACTERISTICS. The following characteristics may differ from those listed in the latest issue of A-A-59326.

3.1 Hydrostatic test pressure. The $\frac{1}{2}$ -inch through 4-inch couplings shall withstand a hydrostatic test pressure of 300 pounds per square inch gage (psig). The 6-inch, 75 psi rated couplings shall withstand a hydrostatic test pressure of 150 psig. The 6-inch, 150 psi rated couplings shall withstand a hydrostatic test pressure of 300 psig.

3.2 Working pressure. The $\frac{1}{2}$ -inch through 4-inch couplings shall be rated for 150 pounds per square inch working pressure. The 6-inch couplings shall be rated for 75 psi or 150 psi working pressure as appropriate.

3.3 Threads. The coupling threads (female) shall conform to National Tapered Pipe Thread in accordance with ANSI/ASME B1.20.1.

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-59326/1.

AA59326/1-3-SS-1; where /1 indicates a Male by Internal Pipe Thread Coupling Half; -3 indicates a size of 1-inch nominal cam locking end; and -SS indicates a stainless steel body.

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

MILITARY INTERESTS:

Custodians:

Army - AT
Navy - YD
Air Force - 99

Review Activities:

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

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing Activity:

Army - AT

(Project 4730-2011-013)

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>.