

MIL-C-24356A(SH)  
AMENDMENT 2  
1 March 1988

MILITARY SPECIFICATION

COUPLINGS, SEGMENTED, AND SPLIT CLAMPS REATTACHABLE,  
2-1/2-, 4-, 6- AND 7-INCH, FOR REFUELING-AT-SEA HOSE

This amendment forms a part of Military Specification MIL-C-24356A(SH), dated 21 April 1982, and is approved for use by the Naval Sea Systems Command, Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

At bottom of page, Beneficial comments statement, line 3: Delete "3242" and substitute "5523".

PAGE 3

- \* 3.1: Delete and substitute:
- \* "3.1 First article. When specified in the contract or purchase order, a sample shall be subjected to first article inspection (see 4.3 and 6.4)."

PAGE 6

- \* 4.2(a): Delete "Qualification" and substitute "First article".
- \* 4.3, lines 1 and 2: Delete "Qualification" and substitute "First article".

PAGE 7

- \* 4.3.1: Delete "qualification" and substitute "first article".
- Table IV, title: Delete "qualification" and substitute "first article".
- \* 4.3.1.2, line 1: Delete "qualification" and substitute "first article".

AMSC N/A

FSC 4730

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\* 6.4: Delete and substitute:

\* "6.4 First article. When a first article inspection is required, the item should be a first article sample. The first article should consist of one unit. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, approval of first article test results and disposition of first articles. Invitations for bids should provide that the Government reserves the right to waive the requirement for samples for first article inspection to those bidders offering a product which has been previously acquired or tested by the Government, and that bidders offering such products, who wish to rely on such production or test, must furnish evidence with the bid that prior Government approval is presently appropriate for the pending contract."

\* 6.4.1: Delete in its entirety.

PAGES 13 AND 14

Figures 1 and 2: Delete and substitute the attached figures 1 and 2.

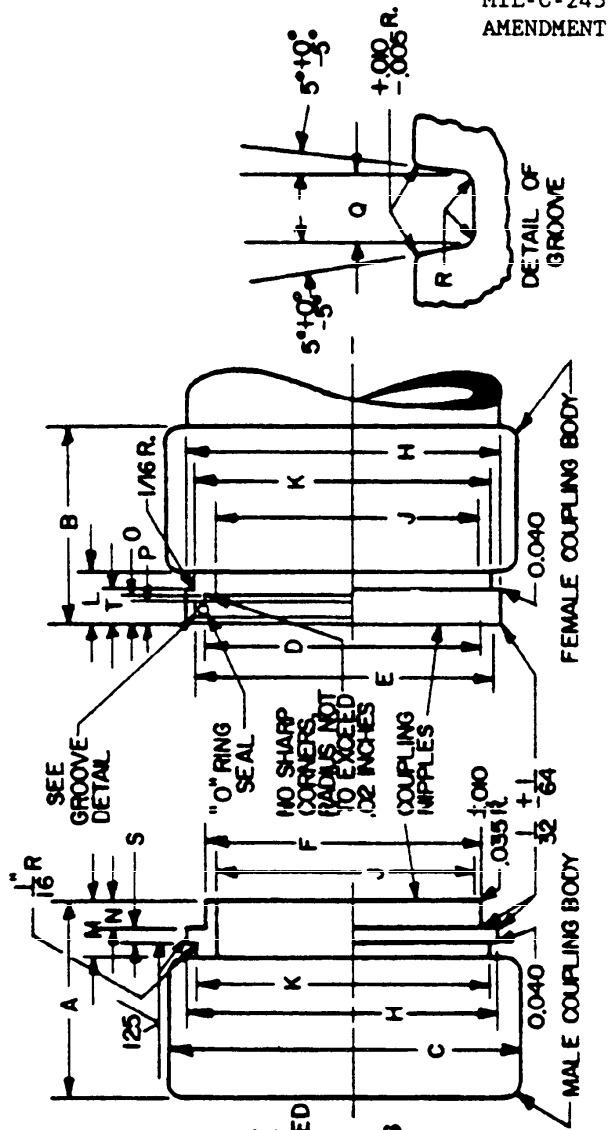
LAST PAGE

DD 1426, Standardization Document Improvement Proposal: Delete "(SEA 3242)" and substitute "(SEA 55Z3)".

NOTE: The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment 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 amendment.

Preparing activity:  
Navy - SH  
(Project 4730-N027)

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- NOTES:
1. ALL DIAMETERS MUST BE CONCENTRIC WITHIN 0.010" TIR.
  2. TOLERANCES SHALL BE ±.005 ON DECIMAL DIM., ±.001 ON FRACTIONS WHERE NOT SPECIFIED.
  3. DETAILS NOT SPECIFIED SHALL BE AS DESIGNATED BY THE CONTRACTOR
  4. ALL GROOVE SURFACES TO BE .63/.

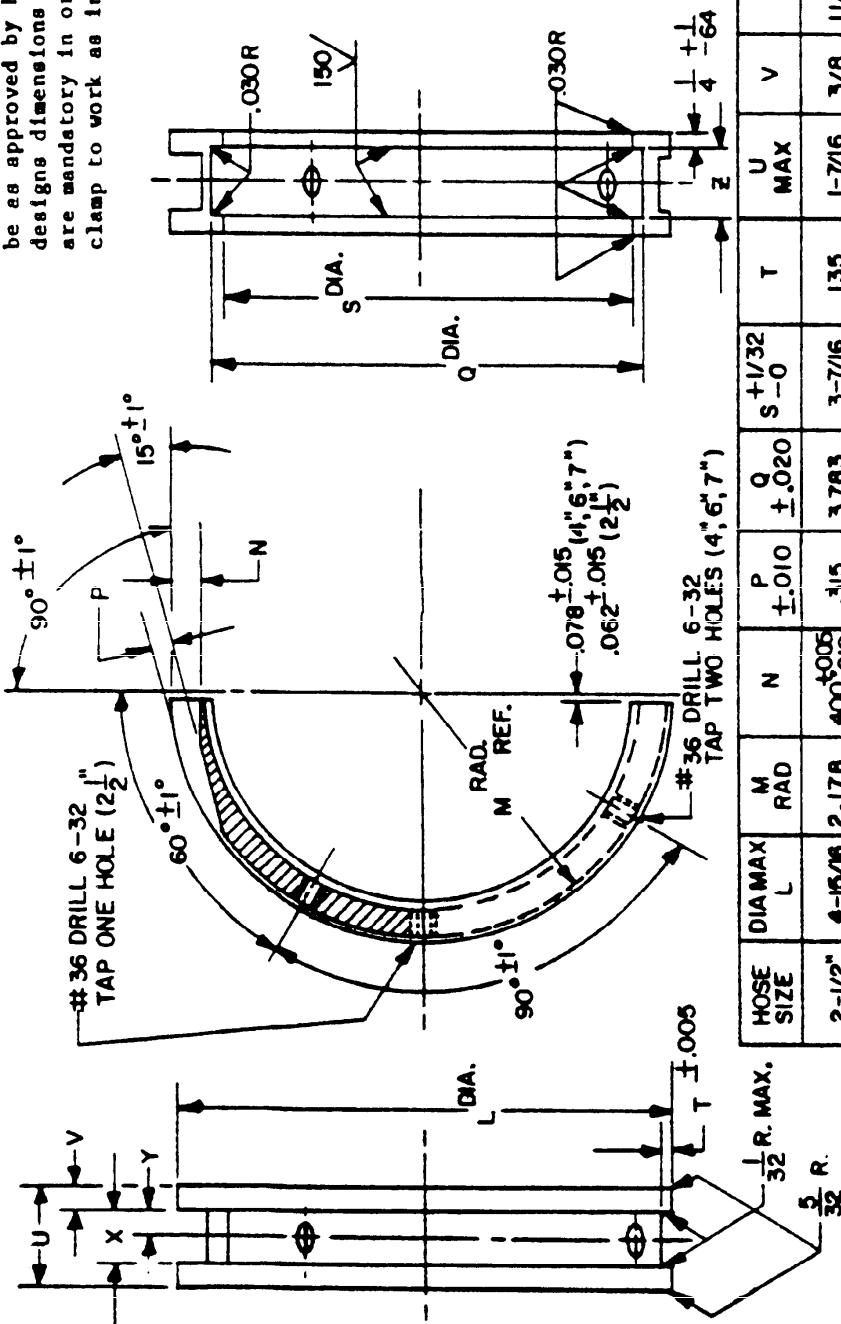
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HOSE SIZE	A	B	C	D	E	F	H	J	K	L	M	N	O	P	Q	R	S	T	MAX. WT. OF THE COUPLING ASSY	
2-1/2"	5-3/8	3-7/8	1-1/4	3.00	3.24	3.00	3.74	2.00	2.75	1.92	1.96	1.005	±.005	3.47	.290	.210	.030	.332/.317	608/603	3.5
4"	6-1/4	5-1/8	1-1/2	4.14	4.51	4.12	4.82	3.70	4.34	1.29	1.35	.620	.645	.500	.284	.031	.339/.333	901/895	6.0	
6"	6-7/8	5-1/2	1-5/8	5.26	5.74	5.24	7.10	5.80	6.25	1.22	1.37	.720	.745	.590	.380	.060	.339/.333	901/895	2.4	
7"	7-3/8	7-1/4	1-3/4	7.26	7.74	7.24	8.10	6.70	7.25	1.31	1.46	.720	.745	.590	.380	.060	.339/.333	901/895	2.8	

FIGURE 1. Reattachable coupling.

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NOTE: Alternate split clamp designs shall be as approved by NAVSEA. For such designs dimensions L, Q, S, U and Z are mandatory in order for the split clamp to work as intended.



HOSE SIZE	DIA MAX L	M RAD	N	P	Q	S	T	U MAX	V	X	Y	Z
2-1/2"	4-15/16	2.178	.400 <sup>+0.005</sup> / <sub>-0.010</sub>	±.010	±.020	3-7/16	.135	1-7/16	3/8	11/16	11/32	.937
4"	5-31/32	2.715	.400 <sup>+0.005</sup> / <sub>-0.010</sub>	.315	4.845	4-15/32	.140	1-3/4	15/32	13/16	13/32	1.250
6"	8 1/4	3.860	.400 <sup>+0.005</sup> / <sub>-0.010</sub>	.296	7.135	6-3/4	.140	1-3/4	15/32	13/16	13/32	1.250
7"	9 1/4	4.360	.400 <sup>+0.005</sup> / <sub>-0.010</sub>	.315	8.135	7-3/4	.140	1-3/4	15/32	13/16	13/32	1.250

FIGURE 2. Split clamp half-details.

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