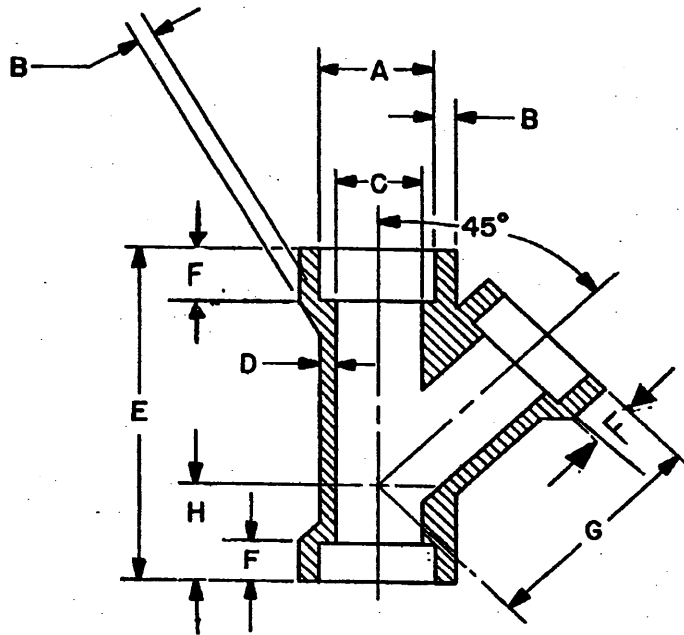


FED. SUP CLASS
4730



ⓑ denotes changes

This military standard is approved for use by the Naval Sea Systems Command and is available for use by all Departments and Agencies of the Department of Defense.

APPROVED 21 NOV 1975 REVISED ⓐ 23 MAY 1978 ⓑ 29 Jul 1982

P. A. SH Other Cost	INTERNATIONAL INTEREST	TITLE LATERALS, FORGED STEEL SOCKET WELDING 3000 PSI AT 1000°F (MAX.) STEAM SERVICE	MILITARY STANDARD
			MS18307(SH)
PROCUREMENT SPECIFICATION	SUPERSEDES:	Page 1 of 2	

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Nominal pipe size	Socket bore dia. A ₂	Socket wall thickness B ₁		Bore dia. C ₂	Body wall D Min.	E Min.	Socket depth F. Min.	G Min.	H Min.
		Avg.	Min.						
1/4	0.565 .555	0.149	0.130	0.394 .334	0.119	2- 5/16	0.380	1- 5/8	11/16
3/8	.700 .690	.158	.138	.523 .463	.126	2-11/16	.380	1- 7/8	11/16
1/2	.865 .855	.184	.161	.652 .592	.147	3	.380	2- 1/8	13/16
3/4	1.075 1.065	.193	.168	.854 .794	.154	3- 9/16	.500	2- 9/16	1
1	1.340 1.330	.224	.196	1.079 1.019	.179	4- 1/8	.500	3	1- 1/16
1-1/4	1.685 1.675	.239	.208	1.410 1.350	.191	4-13/16	.500	3- 1/2	1- 3/16
1-1/2	1.925 1.915	.250	.218	1.640 1.580	.200	5- 7/8	.500	3-15/16	1-15/16
2	2.416 2.406	.273	.238	2.097 2.037	.218	6- 7/16	.620	4- 3/4	1- 5/8

1/ Average of socket wall thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.

2/ Upper and lower values for each size are the respective maximum and minimum dimensions.

- NOTES:
1. All procurement documents shall specify the number and revision of this standard and the size required.
 2. Material of fittings made from this standard shall be chromium-molybdenum alloy steel, 1-1/4 chromium 1/2 molybdenum per ASTM A-182 grade F-11 or ASTM A-217 grade WC-6.
 3. All Dimensions are in inches.
 4. Unless otherwise noted on this standard, fittings shall conform to ANSI B-16.11.

(B)

APPROVED 29 Jul 1982 Revised (B) For change see page 2.

P. A. SH Other Cust	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
		LATERALS, FORGED STEEL SOCKET WELDING 3000 PSI AT 1000°F (MAX.) STEAM SERVICE	MS18307(SH)
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