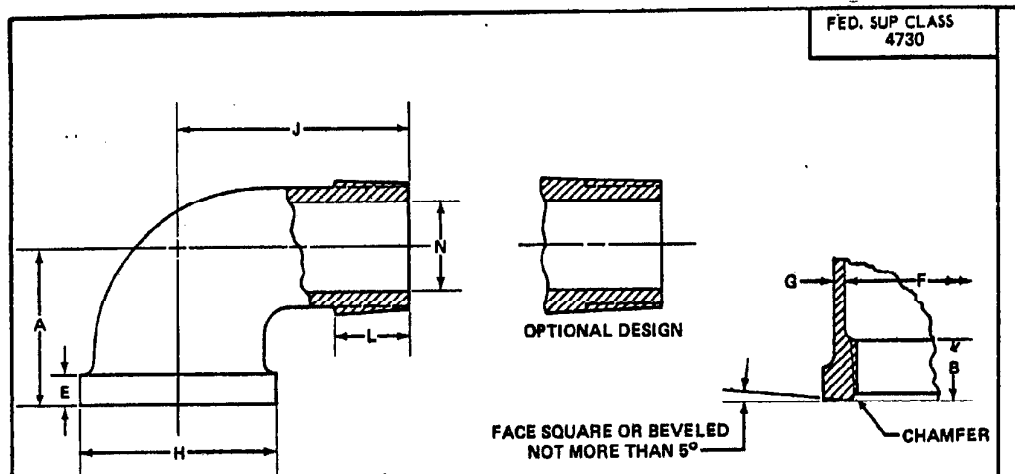


User activities: Army - MC  
Navy -  
Air Force -

Review activities: Army - MI:  
Navy -  
Air Force - 81  
DIA/CS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.



(B) Table I. Dimensions of Street Elbows - Class 150

Dash No.	Nominal Pipe Size	A Center-to-End Tol ±		B Length of Thread Min	E Width of Band Min	F Inside Diameter of Fitting		G Metal Thickness (See Note 8)	H Outside Diameter of Band Min	J Center-to-End Tol ±	L Length of External Thread Min	N Port Diameter Max
		Min	Max			Min	Max					
1	1/8	0.69	0.03	0.25	0.20	0.41	0.40	0.09	0.69	1.00	0.03	0.20
2	1/8	0.81	0.04	0.32	0.22	0.54	0.58	0.10	0.81	1.19	0.04	0.26
3	3/8	0.95	0.05	0.36	0.23	0.68	0.72	0.10	1.02	1.44	0.05	0.37
4	1/2	1.12	0.06	0.43	0.25	0.84	0.90	0.11	1.20	1.63	0.06	0.51
5	3/4	1.31	0.06	0.50	0.27	1.05	1.11	0.12	1.46	1.89	0.06	0.69
6	1	1.50	0.07	0.58	0.30	1.32	1.39	0.13	1.77	2.14	0.07	0.91
7	1-1/4	1.75	0.07	0.67	0.34	1.66	1.73	0.15	2.15	2.45	0.07	1.19
8	1-1/2	1.94	0.08	0.70	0.37	1.90	1.97	0.16	2.43	2.69	0.08	1.39
9	2	2.23	0.08	0.75	0.42	2.38	2.45	0.17	2.96	3.26	0.08	1.79
10	2-1/2	2.70	0.10	0.82	0.48	2.88	2.98	0.21	3.59	3.86	0.10	2.20
11	3	3.08	0.10	0.98	0.55	3.50	3.60	0.23	4.29	4.51	0.10	2.78
12	4	3.79	...	1.08	0.66	4.50	4.60	0.26	5.40	5.69	...	3.70
13	5	4.50	...	1.18	0.78	5.56	5.66	0.30	6.58	6.86	...	4.69
14	6	5.13	...	1.28	0.90	6.62	6.72	0.34	7.77	8.03	...	5.67

(B) Table II. Dimensions of Street Elbows - Class 300

Dash No.	Nominal Pipe Size	A Center-to-End	B Length of Thread Min	E Width of Band Min	F Inside Diameter of Fitting		G Metal Thickness	H Outside Diameter of Band, Min	J Center-to-End	L Length of External Thread Min	N Max Port Diameter Male End
					Min	Max					
15	1/4	0.94	0.43	0.38	0.54	0.58	0.14	0.93	1.44	0.40	0.26
16	3/8	1.06	0.47	0.44	0.67	0.72	0.15	1.12	1.63	0.41	0.36
17	1/2	1.25	0.57	0.50	0.84	0.90	0.16	1.34	2.00	0.53	0.49
18	3/4	1.44	0.64	0.56	1.05	1.11	0.18	1.63	2.19	0.55	0.67
19	1	1.63	0.75	0.62	1.31	1.38	0.20	1.95	2.36	0.68	0.88
20	1 1/4	1.94	0.84	0.69	1.66	1.73	0.22	2.39	2.88	0.71	1.16
21	1 1/2	2.13	0.87	0.75	1.90	1.97	0.24	2.68	3.13	0.72	1.35
22	2	2.50	1.00	0.84	2.37	2.44	0.26	3.28	3.69	0.76	1.75
23	2 1/2	2.94	1.17	0.94	2.87	2.97	0.31	3.86	4.50	1.14	2.16
24	3	3.30	1.23	1.00	3.30	3.60	0.35	4.62	5.13	1.20	2.67

(B) DENOTES CHANGES

P.A. NAVY-YD (B) Other Cust ARMY-AR AIR FORCE-99	Informational Interest	TITLE (B) ELBOW, PIPE-STREET, 90° (150 AND 300 POUNDS)	MILITARY STANDARD  MS39230
Procurement Specification ANSI B16-3 (B)		SUPERSEDES: CQDX4	PAGE 1 OF 2

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
1 MAY 73

4730-0388

REVISED (A) 23 MAR 71 (B) 20 JUN 83  
APPROVED 2 APRIL 83

User activities: Army -  
Navy - MC  
Air Force -

Review activities: Army - MI  
Navy -  
Air Force - 82  
DLA CS

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(B)

FED. SUP CLASS  
4730

(B) NOTES:

1. **MATERIAL:** Material shall be in accordance with ANSI B16.3.
2. **PROTECTIVE COATING:** Fittings may be black finish or zinc coated in accordance with ANSI B16.3.
3. **THREADS:** Street elbows shall be threaded with American Standard Taper Pipe Threads (NPT) in accordance with Screw-Thread Standards for Federal Services Handbook H-26.
4. **DIMENSIONS:** All dimensions are in inches unless otherwise specified.
5. **PART NUMBER:** The MS part number consists of the MS number, the dash number, and the casing identification letter.

Examples:

MS39230-1 represents a 1/8-inch elbow, zinc coated.  
MS39230-1B represents a 1/8-inch elbow, black finish.

6. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
7. Referenced documents shall be of the issue in effect on date of invitations for bid.
8. Metal thickness at no point shall be less than 90 percent of the thickness given in the table.

(B) DENOTES CHANGES

P.A. NAVY-YD (B) Other Cust ARMY-AR AIR FORCE-99	International Interest	TITLE (B) ELBOW, PIPE-STREET (150 AND 300 POUNDS)	MILITARY STANDARD
Procurement Specification ANSI B16-3 (B)			MS39230  PAGE 2 OF 2
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