

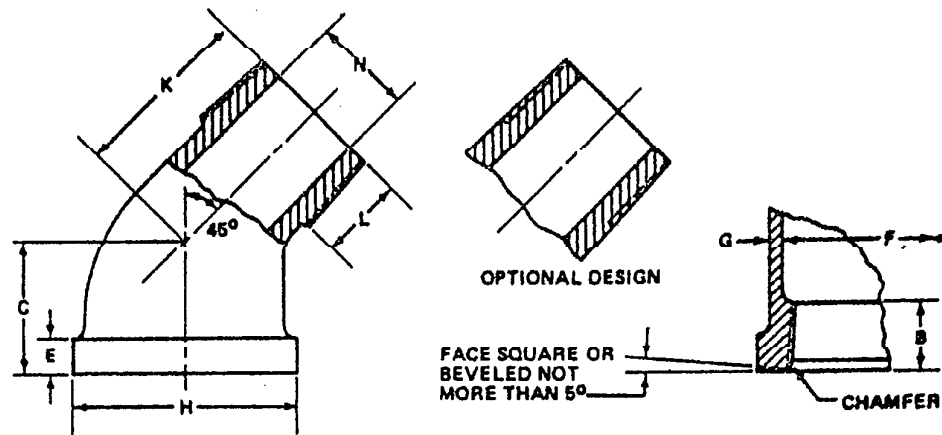
User activities
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Review activities
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N.A.S.

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.

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

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

Dash No.	Nominal Pipe Size	B Length of Thread Min	C Center-to-End		E Width of Band Min	F Inside Diameter of Fitting		G Metal Thickness (See Note B)	H Outside Diameter of Band, Min	K Center-to-End		L Length of External Thread Min	N Port Diameter Min
			Min	Max		Min	Max			Min	Max		
1	1/8	0.25	0.70	0.03	0.20	0.41	0.44	0.09	0.69	0.84	0.03	0.26	0.20
2	1/8	0.32	0.73	0.04	0.22	0.54	0.58	0.10	0.84	0.94	0.04	0.40	0.26
3	3/8	0.36	0.80	0.05	0.23	0.68	0.72	0.10	1.02	1.03	0.05	0.41	0.37
4	1/2	0.43	0.88	0.06	0.25	0.84	0.90	0.11	1.20	1.15	0.06	0.53	0.51
5	3/4	0.50	0.98	0.08	0.27	1.05	1.11	0.12	1.46	1.29	0.06	0.55	0.69
6	1	0.58	1.12	0.07	0.30	1.32	1.39	0.13	1.77	1.47	0.07	0.68	0.91
7	1-1/4	0.67	1.29	0.07	0.34	1.66	1.73	0.15	2.15	1.71	0.07	0.71	1.19
8	1-1/2	0.70	1.43	0.08	0.37	1.90	1.97	0.16	2.43	1.88	0.08	0.72	1.39
9	2	0.75	1.68	0.08	0.42	2.38	2.45	0.17	2.96	2.22	0.08	0.76	1.79
10	2-1/2	0.92	1.95	...	0.48	2.67	2.97	0.21	3.59	2.57	...	1.14	2.20
11	3	0.98	2.17	...	0.55	3.50	3.60	0.23	4.28	3.00	...	1.20	2.78
12	4	1.08	2.61	...	0.66	4.50	4.60	0.26	5.40	3.70	...	1.30	3.70
13	5	1.18	...	...	0.78	5.56	5.66	0.30	6.58	...	...	1.41	4.69
14	6	1.28	...	...	0.90	6.62	6.72	0.34	7.77	...	...	1.51	5.67

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

Dash No.	Nominal Pipe Size	B Length of Thread Min	C Center-to-End	E Width of Band Min	F Inside Diameter of Fitting		G Metal Thickness	H Outside Diameter of Band, Min	K Center-to-End	L Length of External Thread Min	N Port Diameter Male End
					Min	Max					
15	1/4	0.43	...	0.38	0.54	0.58	0.14	0.93	...	0.40	0.26
16	3/8	0.47	...	0.44	0.67	0.72	0.15	1.12	...	0.41	0.36
17	1/2	0.57	1.00	0.50	0.84	0.90	0.16	1.34	1.38	0.53	0.49
18	3/4	0.64	1.13	0.56	1.05	1.11	0.18	1.63	1.56	0.55	0.67
19	1	0.75	1.31	0.62	1.31	1.38	0.20	1.95	1.81	0.68	0.88
20	1-1/4	0.84	1.50	0.69	1.66	1.73	0.22	2.39	2.13	0.71	1.16
21	1-1/2	0.87	1.69	0.75	1.90	1.97	0.24	2.68	2.31	0.72	1.35
22	2	1.00	2.00	0.84	2.37	2.44	0.26	3.28	2.69	0.76	1.75
23	2-1/2	1.17	...	0.94	2.87	2.97	0.31	3.80	...	1.14	2.16
24	3	1.23	...	1.00	3.50	3.60	0.35	4.62	...	1.20	2.67

(B) DENOTES CHANGES

P.A NAVY-YD (B) Other Cust ARMY-AR AIR FORCE-99	International Interest	TITLE (B) ELBOW, PIPE-STREET, 45° (150 AND 300 POUNDS)	MILITARY STANDARD	
			MS39231	
Procurement Specification ANSI B16-3 (B)	SUPERSEDES: CPB X6		PAGE 1	OR 2

REVISED (A) 23 MARCH 71 (B) 20 JUN 83
APPROVED 2 APRIL 63

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① 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-28.
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 coating identification letter.

Examples:

MS39231-1 represents a 1/8-inch elbow, zinc coated.
 MS39231-1B 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.

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⑥ DENOTES CHANGES

P.A. NAVY-YD ⑥ Other Com ARMY-AR AIR FORCE-99	Information Inventory	TITLE ⑥ ELBOW, PIPE-STREET, 45" (150 AND 300 POUNDS)	MILITARY STANDARD MS39231
Procurement Specification ANSI B16-3 ⑥	SUPERSEDES: CPBX6		PAGE 2 OF 2

DD FORM 1 MAY 73 672 (Coordinated) previous editions of this form are obsolete

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User Activities: Army - MI, Navy - MI, Air Force - 8, INAC'S

Review Activities: Army - MI, Navy - MI, Air Force - 8, INAC'S