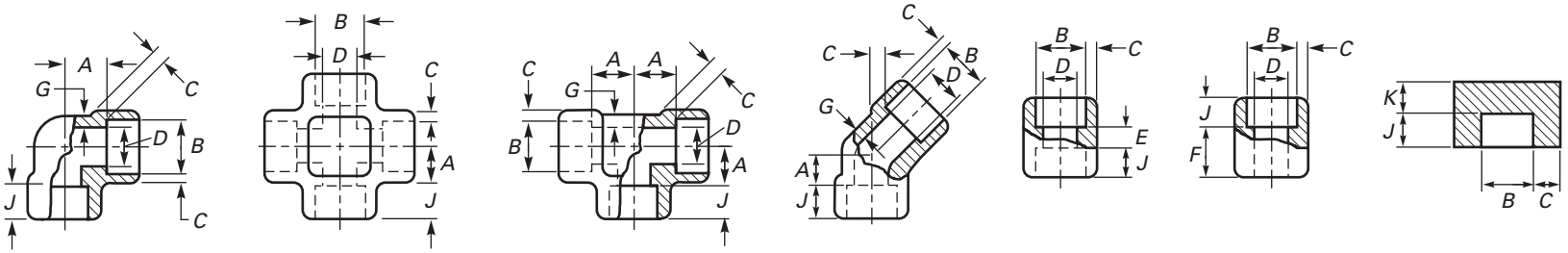
C&N INDUSTRIAL GROUP LIMITED
Tel /Fax:0086-21-31267504 Web:www.cnpipefitting.com
Email:sales@cnpipefitting.com cnpipefitting@hotmail.com

ASME-B16.11-calss-6000-elbow-45-degree-scoket-weld

ASME-B16.11-class-6000-codo-45-radio-boquilla-para-soldar



90-deg Elbow | Cross | Tee | 45-deg Elbow | Coupling | Half-Coupling | Cap

Nominal Pipe Size	Socket Bore Diameter, *B* [Note (1)]	Bore Diameter of Fittings, *D* [Note (1)] Class Designation 3000	6000	9000	Socket Wall Thickness, *C* [Note (2)] Class Designation 3000 Avg.	3000 Min.	6000 Avg.	6000 Min.	9000 Avg.	9000 Min.	Body Wall, *G* Class Designation 3000 Min.	6000 Min.	9000 Min.	Min. Depth of Socket, *J*	Center-to-Bottom of Socket, *A* 90-deg Elbows, Tees, and Crosses Class Designation 3000	6000	9000	45-deg Elbows Class Designation 3000	6000	9000	Laying Lengths Couplings, *E*	Half Couplings, *F*	Tolerances, ± *A*	*E*	*F*	End Wall Thickness, K_{min} Class Designation 3000	6000	9000
⅛	11.2	7.6	4.8	. . .	3.18	3.18	3.96	3.43	. . .	. . .	2.41	3.15	. . .	9.5	11.0	11.0	. . .	8.0	8.0	. . .	6.5	16.0	1.0	1.5	1.0	4.8	6.4	. . .
	10.8	6.1	3.2	. . .																								
¼	14.6	10.0	7.1	. . .	3.78	3.30	4.60	4.01	. . .	. . .	3.02	3.68	. . .	9.5	11.0	13.5	. . .	8.0	8.0	. . .	6.5	16.0	1.0	1.5	1.0	4.8	6.4	. . .
	14.2	8.5	5.6	. . .																								
⅜	18.0	13.3	9.9	. . .	4.01	3.50	5.03	4.37	. . .	. . .	3.20	4.01	. . .	9.5	13.5	15.5	. . .	8.0	11.0	. . .	6.5	17.5	1.5	3.0	1.5	4.8	6.4	. . .
	17.6	11.8	8.4	. . .																								
½	22.2	16.6	12.5	7.2	4.67	4.09	5.97	5.18	9.35	8.18	3.73	4.78	7.47	9.5	15.5	19.0	25.5	11.0	12.5	15.5	9.5	22.5	1.5	3.0	1.5	6.4	7.9	11.2
	21.8	15.0	11.0	5.6																								
¾	27.6	21.7	16.3	11.8	4.90	4.27	6.96	6.04	9.78	8.56	3.91	5.56	7.82	12.5	19.0	22.5	28.5	13.0	14.0	19.0	9.5	24.0	1.5	3.0	1.5	6.4	7.9	12.7
	27.2	20.2	14.8	10.3																								
1	34.3	27.4	21.5	16.0	5.69	4.98	7.92	6.93	11.38	9.96	4.55	6.35	9.09	12.5	22.5	27.0	32.0	14.0	17.5	20.5	12.5	28.5	2.0	4.0	2.0	9.6	11.2	14.2
	33.9	25.9	19.9	14.4																								
1¼	43.1	35.8	30.2	23.5	6.07	5.28	7.92	6.93	12.14	10.62	4.85	6.35	9.70	12.5	27.0	32.0	35.0	17.5	20.5	22.5	12.5	30.0	2.0	4.0	2.0	9.6	11.2	14.2
	42.7	34.3	28.7	22.0																								
1½	49.2	41.6	34.7	28.7	6.35	5.54	8.92	7.80	12.70	11.12	5.08	7.14	10.15	12.5	32.0	38.0	38.0	20.5	25.5	25.5	12.5	32.0	2.0	4.0	2.0	11.2	12.7	15.7
	48.8	40.1	33.2	27.2																								
2	61.7	53.3	43.6	38.9	6.93	6.04	10.92	9.50	13.84	12.12	5.54	8.74	11.07	16.0	38.0	41.0	54.0	25.5	28.5	28.5	19.0	41.0	2.0	4.0	2.0	12.7	15.7	19.0
	61.2	51.7	42.1	37.4																								
2½	74.4	64.2	. . .	. . .	8.76	7.67	. . .	. . .	. . .	. . .	7.01	. . .	. . .	16.0	41.0	. . .	. . .	28.5	. . .	. . .	19.0	43.0	2.5	5.0	2.5	15.7	19.0	. . .
	73.9	61.2	. . .	. . .																								
3	90.3	79.4	. . .	. . .	9.52	8.30	. . .	. . .	. . .	. . .	7.62	. . .	. . .	16.0	57.0	. . .	. . .	32.0	. . .	. . .	19.0	44.5	2.5	5.0	2.5	19.0	22.4	. . .
	89.8	76.4	. . .	. . .																								
4	115.7	103.8	. . .	. . .	10.69	9.35	. . .	. . .	. . .	. . .	8.56	. . .	. . .	19.0	66.5	. . .	. . .	41.0	. . .	. . .	19.0	48.0	2.5	5.0	2.5	22.4	28.4	. . .
	115.2	100.7	. . .	. . .																								

GENERAL NOTE: Dimensions are in millimeters.

NOTES:

(1) Upper and lower values for each size are the respective maximum and minimum dimensions.

(2) Average of socket wall thickness around periphery shall not be less than listed values. The minimum values are permitted in localized areas.