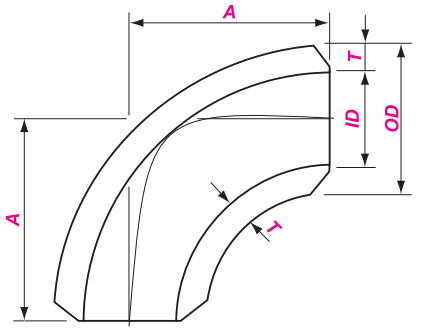
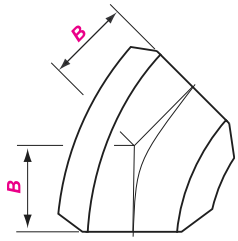
ZIZI ENGINEERING CO LTD

BUTT-WELDING ELBOWS



BW 90 LR/SR Elbow



BW 45 LR Elbow

GB/T 12459、GB/T 13401、ASME B16.9

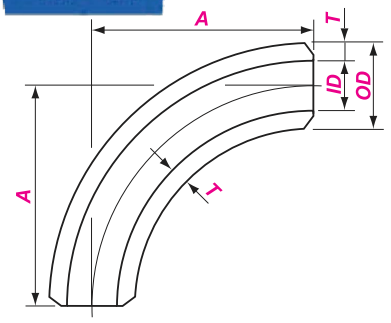
Nominal Size		Outside Diameter at Bevel	Center to End		
			90 Elbows		45° Elbows
DN	NPS	*OD*	*A*		*B*
			LR	SR	LR
15	1/2	21.3	38	-	16
20	3/4	26.7	38	-	19
25	1	33.4	38	25	22
32	1 1/4	42.2	48	32	25
40	1 1/2	48.3	57	38	29
50	2	60.3	76	51	35
65	2 1/2	73.0	95	64	44
80	3	88.9	114	76	51
90	3 1/2	101.6	133	89	57
100	4	114.3	152	102	64
125	5	141.3	190	127	79
150	6	168.3	229	152	95
200	8	219.1	305	203	127
250	10	273.0	381	254	159
300	12	323.8	457	305	190
350	14	355.6	533	356	222
400	16	406.4	610	406	254
450	18	457.0	686	457	286
500	20	508.0	762	508	318
550	22	559.0	838	559	343
600	24	610.0	914	610	381
650	26	660.0	991	660	406
700	28	711.0	1067	711	438
750	30	762.0	1143	762	470
800	32	813.0	1219	813	502
850	34	864.0	1295	864	533
900	36	914.0	1372	914	565
950	38	965.0	1448	965	600
1000	40	1016.0	1524	1016	632
1050	42	1067.0	1600	1067	660
1100	44	1118.0	1676	1118	695
1150	46	1168.0	1753	1168	727
1200	48	1219.0	1829	1219	759
1300	*52*	*1321.0*	*1981*	*1321*	*821*
1400	*56*	*1422.0*	*2134*	*1422*	*883*
1500	*60*	*1524.0*	*2286*	*1524*	*947*
1600	*64*	*1626.0*	*2438*	*1626*	*1010*
1700	*68*	*1727.0*	*2591*	*1727*	*1073*
1800	*72*	*1829.0*	*2743*	*1829*	*1137*
1900	*76*	*1930.0*	*2896*	*1930*	*1199*
2000	*80*	*2032.0*	*3048*	*2032*	*1263*

Notes:

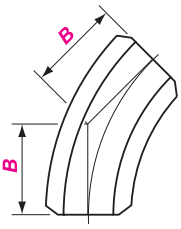
1) Besides these, GB/T 10752、SH 3408、SH 3409、HG/T 21635、HG/T 21631、SY/T 0510、DL/T 695、EN 10253 etc.are also applied.
2) The elbow with NPS over 80 shall be made subject to the sizes agreed by purchaser and manufacturer.

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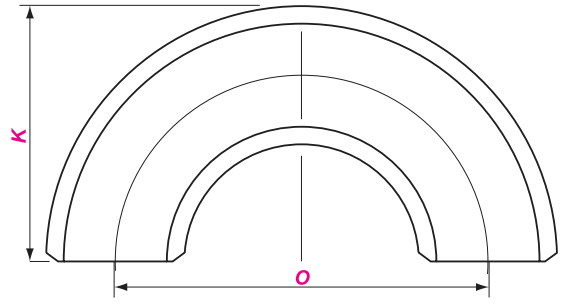
BUTT-WELDING ELBOWS



BW 90° 3D Elbow



BW 45° 3D Elbow



BW 180° LR/SR Return

GB/T 12459、GB/T 13401、ASME B16.9

Nominal Size		Outside Diameter at Bevel	Center to End		Center to Center		Back to Face	
			90° Elbows	45° Elbows	180° Returns			
DN	NPS	OD	A	B	O		K	
			3D	3D	LR	SR	LR	SR
15	1/2	21.3	-	-	76	-	48	-
20	3/4	26.7	57	24	76	-	51	-
25	1	33.4	76	31	76	51	56	41
32	1¼	42.2	95	39	95	64	70	52
40	1½	48.3	114	47	114	76	83	62
50	2	60.3	152	63	152	102	106	81
65	2½	73.0	190	79	190	127	132	100
80	3	88.9	229	95	229	152	159	121
90	3½	101.6	267	111	267	178	184	140
100	4	114.3	305	127	305	203	210	159
125	5	141.3	381	157	381	254	262	197
150	6	168.3	457	189	457	305	313	237
200	8	219.1	610	252	610	406	414	313
250	10	273.0	762	316	762	508	518	391
300	12	323.8	914	378	914	609	619	467
350	14	355.6	1067	441	1067	711	711	533
400	16	406.4	1219	505	1219	813	813	610
450	18	457.0	1372	568	1372	914	914	686
500	20	508.0	1524	632	1524	1016	1016	762
550	22	559.0	1676	694	1676	1118	1118	838
600	24	610.0	1829	757	1829	1219	1219	914
650	26	660.0	1981	821	-	-	-	-
700	28	711.0	2134	883	-	-	-	-
750	30	762.0	2286	964	-	-	-	-
800	32	813.0	2438	1010	-	-	-	-
850	34	864.0	2591	1073	-	-	-	-
900	36	914.0	2743	1135	-	-	-	-
950	38	965.0	2896	1200	-	-	-	-
1000	40	1016.0	3048	1264	-	-	-	-
1050	42	1067.0	3200	1326	-	-	-	-
1100	44	1118.0	3353	1389	-	-	-	-
1150	46	1168.0	3505	1453	-	-	-	-
1200	48	1219.0	3658	1516	-	-	-	-