

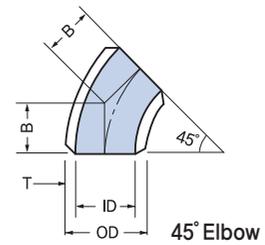
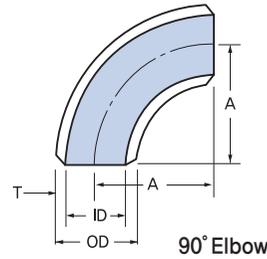
STEEL BUTT-WELDING PIPE FITTINGS

KS | JIS

- **90° Elbow (Long, Short)**

- **45° Elbow (Long)**

Sch40, Sch80, Sch120, Sch160



KS B 1541/43, JIS B 2312/13

Unit : mm

Nominal Pipe Size	Outside Diameter OD	Sch 40		Sch 80		Sch 120		Sch 160		Long		Short
		ID	T	ID	T	ID	T	ID	T	A(90°)	B(45°)	A(90°)
15	21.7	16.1	2.8	14.3	3.7	-	-	-	-	38.1	15.8	-
20	27.2	21.4	2.9	19.4	3.9	-	-	-	-	38.1	15.8	-
25	34.0	27.2	3.4	25.0	4.5	-	-	-	-	38.1	15.8	25.4
32	42.7	35.5	3.6	32.9	4.9	-	-	-	-	47.6	19.7	31.8
40	48.6	41.2	3.7	38.4	5.1	-	-	34.4	7.1	57.2	23.7	38.1
50	60.5	52.7	3.9	49.5	5.5	-	-	43.1	8.7	76.2	31.6	50.8
65	76.3	65.9	5.2	62.3	7.0	-	-	57.3	9.5	95.3	39.5	63.5
80	89.1	78.1	5.5	73.9	7.6	-	-	66.9	11.1	114.3	47.3	76.2
90	101.6	90.2	5.7	85.4	8.1	-	-	76.2	12.7	133.4	55.3	88.9
100	114.3	102.3	6.0	97.1	8.6	92.1	11.1	87.3	13.5	152.4	63.1	101.6
125	139.8	126.6	6.6	120.8	9.5	114.4	12.7	108.0	15.9	190.5	78.9	127.0
150	165.2	151.0	7.1	143.2	11.0	136.6	14.3	128.8	18.2	228.6	94.7	152.4
200	216.3	199.9	8.2	190.9	12.7	179.9	18.2	170.3	23.0	304.8	126.3	203.2
250	267.4	248.8	9.3	237.2	15.1	224.6	21.4	210.2	28.6	381.0	157.8	254.0
300	318.5	297.9	10.3	283.7	17.4	267.7	25.4	251.9	33.3	457.2	189.4	304.8
350	355.6	333.4	11.1	317.6	19.0	300.0	27.8	284.2	35.7	533.4	220.9	355.6
400	406.4	381.0	12.7	363.6	21.4	344.6	30.9	325.4	40.5	609.6	252.5	406.4
450	457.2	428.6	14.3	409.6	23.8	387.4	34.9	366.8	45.2	685.8	284.1	457.2
500	508.0	477.8	15.1	455.6	26.2	431.8	38.1	408.0	50.0	762.0	315.6	508.0
550	558.8	528.6	15.1	501.6	28.6	-	-	-	-	838.2	347.2	558.8
600	609.6	574.8	17.4	547.6	31.0	-	-	-	-	914.4	378.7	609.6
650	660.4	625.6	17.4	-	-	-	-	-	-	990.6	410.3	660.4
700	711.2	676.4	17.4	-	-	-	-	-	-	1066.8	441.9	711.2
750	762.0	727.2	17.4	-	-	-	-	-	-	1143.0	473.4	762.0
800	812.8	778.0	17.4	-	-	-	-	-	-	1219.2	505.0	812.8
850	863.6	828.8	17.4	-	-	-	-	-	-	1295.4	536.6	863.6
900	914.4	876.4	19.0	-	-	-	-	-	-	1371.6	568.1	914.4