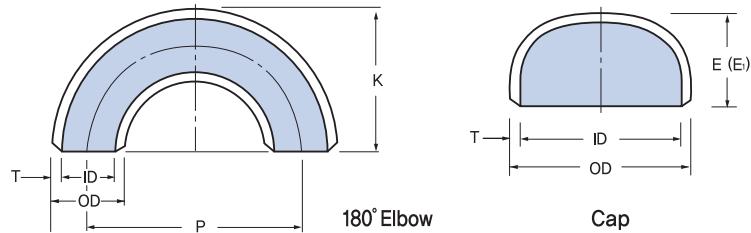


**• 180° Elbow (Long, Short)**
**• Cap**

SPP/SGP



KS B 1522, JIS B 2311

Unit : mm

Nominal Pipe Size	Outside Diameter OD	Inside Diameter ID	Wall Thickness T	CAP	180° Elbow				
					E	Long		Short 90°	
						P	K	P	K
15	21.7	16.1	2.8	-	76.2	49.0	-	-	-
20	27.2	21.6	2.8	-	76.2	51.7	-	-	-
25	34.0	27.6	3.2	38.1	76.2	55.1	50.8	42.4	
32	42.7	35.7	3.5	38.1	95.2	69.0	63.6	53.2	
40	48.6	41.6	3.5	38.1	114.4	81.5	76.2	62.4	
50	60.5	52.9	3.8	38.1	152.4	106.5	101.6	81.1	
65	76.3	67.9	4.2	38.1	190.6	133.5	127.0	101.7	
80	89.1	80.7	4.2	50.8	228.6	158.9	152.4	120.8	
90	101.6	93.2	4.2	63.5	266.8	184.2	177.8	139.7	
100	114.3	105.3	4.5	63.5	304.8	209.6	203.2	158.8	
125	139.8	130.8	4.5	76.2	381.0	260.4	254.0	196.9	
150	165.2	155.2	5.0	88.9	457.2	311.2	304.8	235.0	
200	216.3	204.7	5.8	101.6	609.6	413.0	406.4	311.4	
250	267.4	254.2	6.6	127.0	762.0	514.7	508.0	387.7	
300	318.5	304.7	6.9	152.4	914.4	616.5	609.6	464.1	
350	355.6	339.8	7.9	165.1	1066.8	711.2	711.2	533.4	
400	406.4	390.6	7.9	177.8	1219.2	812.8	812.8	609.6	
450	457.2	441.4	7.9	203.2	-	-	-	-	
500	508.0	492.2	7.9	228.6	-	-	-	-	