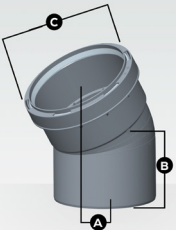


**30° Elbow**

For offsets or changes in the direction of the vent system.

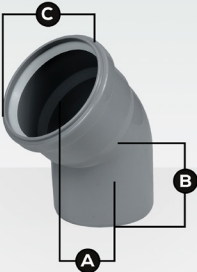
Nominal Diameter	Part	Centerline Offset <b>A</b>	Effective Length <b>B</b>	Max O.D. <b>C</b>
6" (160)	ISEL0630	2.1 (53)	5.8 (147)	7.2 (183)
10" (250)	ISEL1030	4.3 (109)	12.6 (320)	10.7 (272)
12" (315)	ISEL1230	9.3 (21.4)	21.4 (544)	13.8 (350)



**8° Zero Radius 30° Elbow**

For offsets or changes in the direction of the vent system.

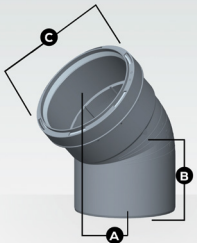
Nominal Diameter	Part	Centerline Offset <b>A</b>	Effective Length <b>B</b>	Max O.D. <b>C</b>	Zeta Value
8" (160)	ISELS0830	2.6 (67)	6.46 (164)	9.1 (232)	.20



**45° Elbow**

For offsets or changes in the direction of the vent system.

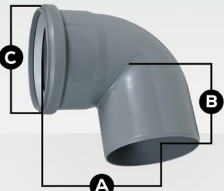
Nominal Diameter	Part	Centerline Offset <b>A</b>	Effective Length <b>B</b>	Max O.D. <b>C</b>
6" (160)	ISEL0645	3.2 (81)	5.5 (138)	7.2 (183)
6" (160)	ISEL0645UV	3.2 (81)	5.5 (138)	7.2 (183)
10" (250)	ISEL1045	4.1 (105)	14.3 (364)	10.7 (272)
12" (315)	ISEL1245	5.5 (139)	23.6 (599)	13.8 (350)



**8° Zero Radius 45° Elbow**

For offsets or changes in the direction of the vent system.

Nominal Diameter	Part	Centerline Offset <b>A</b>	Effective Length <b>B</b>	Max O.D. <b>C</b>	Zeta Value
8" (200)	ISELS0845	4.3 (115)	7.22 (183)	9.1 (232)	.40



**87° Elbow**

For offsets or changes in the direction of the vent system.

Nominal Diameter	Part	Centerline Offset <b>A</b>	Effective Length <b>B</b>	Max O.D. <b>C</b>
6" (160)	ISEL0687	3.4 (86)	6.3 (160)	7.2 (183)
6" (160)	ISEL0687UV	3.4 (86)	6.3 (160)	7.2 (183)
10" (250)	ISEL1087	11.3 (287)	15.7 (399)	10.7 (272)
12" (315)	ISEL1287	14.3 (364)	25.7 (653)	13.8 (350)

Single Wall 6" - 12"