



# Elbow



Smooth two-piece elbows available in either Long or Short Radius, and completely stitch-welded from end to end. Flanged two-piece elbows available only in Long Radius with a flange around the throat and heel of each half. Exceeds SMACNA's high velocity, medium pressure requirements (-2" WG to +10" WG). Conform to ASTM A653/A924 standards. Stock elbows are made from G60 (or higher Zinc content) galvanized steel sheets. Stainless steel available upon request in select sizes.

## Smooth Elbow 1.5 CLR

Drawing	Item	Size (inch)	G90/Gauge	R (inch) (1.5xCLR)	S (inch)	L (inch)	Weight (lbs.)
	Bend 90 degrees-B90S (R=1.5D)	12	22	18	2 1/2	18	10.75
		10	22	15	2 1/2	15	9.00
		9	22	13 1/2	2	13 1/2	7.10
		8	22	12	2	12	5.00
		7	22	10 1/2	2	10 1/2	3.30
		6	22	9	2	9	2.65
		5	22	7 1/2	2	7 1/2	1.20
		4	22	6	2	6	1.25
		3	22	4 1/2	2	4 1/2	0.75
	Bend 45 degrees-B45S (R=1.5D)	12	22	18	2 1/2	8	6.40
		10	22	15	2 1/2	6 3/4	5.30
		9	22	13 1/2	2	6 1/8	3.80
		8	22	12	2	5 1/2	2.40
		7	22	10 1/2	2	4 7/8	2.00
		6	22	9	2	4 1/4	1.65
		5	22	7 1/2	2	3 5/8	1.20
		4	22	6	2	3	0.85
		3	22	4 1/2	2	2 3/8	0.55

G60 Galvanized and Paint Grip Steel. Conforms to ASTM-A653/A924 standards. Stitch welded end to end along the toe and heel of the elbow. Exceeds SMACNA's high velocity/medium pressure requirements (-2 in. WG to +10 in WG). meets or exceeds SMACNA requirements for gauges.

## Smooth Elbow 1.0 CLR

Drawing	Item	Size (inch)	G90/Gauge	R (inch) (1.0xCLR)	S (inch)	L (inch)	Weight (lbs.)
	Bend 90 degrees-B90S (R=1.0D)	12	22	12	2	12	7.55
		10	22	10	2	10	5.65
		9	22	9	2	9	4.75
		8	22	8	2	8	3.50
		7	24	7	2	7	3.00
		6	24	6	2	6	1.90
		5	24	5	2	5	1.30
		4	24	4	2	4	0.90
			Bend 45 degrees-B45S (R=1.0D)	12	22	12	2
10	22			10	2	4 3/8	3.30
9	22			9	2	4	2.65
8	22			8	2	3 1/2	2.00
7	22			7	2	3 1/8	1.45
6	22			6	2	2 3/4	1.15
5	22			5	2	2 3/8	1.00
4	22			4	2	1 7/8	0.75

G60 Galvanized and Paint Grip Steel. Conforms to ASTM-A653/A924 standards. Stitch welded end to end along the toe and heel of the elbow. Exceeds SMACNA's high velocity/medium pressure requirements (-2 in. WG to +10 in WG). meets or exceeds SMACNA requirements for gauges.



2225 Ola Lane | Haltom City, TX 76111  
 sales@haltomind.com | phone:817-770-0811

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