

3" Inside Radius Flush Weld Elbows

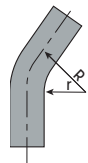
These **Elbows** are precision mandrel bent parts - **without seams** - except as noted.

Nominal Pipe Size	OD	Inside Radius (r)	Center Line Radius (R)	Theoretical Center to Center Diam. (C-C)
1"	1.315"	3.00"	3.675"	7.35"
	1.50"	3.00"	3.75"	7.50"
1 1/4"	1.66"	3.00"	3.83"	7.66"
1 1/2"	1.90"	3.00"	3.95"	7.90"
2"	1.75"	3.00"	4.188"	8.375"



35° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	501		
	1.50"	.120"	6950		
1 1/4"	1.66"	.140"	252*	276	461
1 1/2"	1.90"	.145"	324*		
1 1/2"	1.90"	.145"	324-S	348	373
2"	2.375"	.154"	412-3	437	453-3†



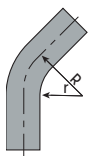
35° Elbow with Two 2" Tangents

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
	1.50"	.120"	6951		6972
1 1/4"	1.66"	.140"	253-2		
1 1/2"	1.90"	.145"		349-2	
2"	2.375"	.154"	413		



45° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	503		
	1.50"	.120"	6952		
1 1/4"	1.66"	.140"	258*		
1 1/4"	1.66"	.140"	258-S	282	462
1 1/2"	1.90"	.145"	330*		
1 1/2"	1.90"	.145"	330-S	354	379
2"	2.375"	.154"	415	439	455†



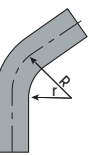
45° Elbow with Two 2" Tangents

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
	1.50"	.120"	6953		6973
1 1/4"	1.66"	.140"	259-2		
1 1/2"	1.90"	.145"	331-2	355-2	



55° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	505		
	1.50"	.120"	6954		
1 1/4"	1.66"	.140"	264*		
1 1/4"	1.66"	.140"	264-S	288	463
1 1/2"	1.90"	.145"	336*		
1 1/2"	1.90"	.145"	336-S	360	385
2"	2.375"	.154"	419	442	457†



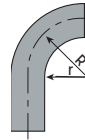
55° Elbow with Two 2" Tangents

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM
	1.50"	.120"	6955	
1 1/4"	1.66"	.140"	265-2	288-2
1 1/2"	1.90"	.145"	337-2	
2"	2.375"	.154"	420	



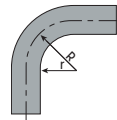
90° Elbow

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	507	517	527
	1.50"	.120"	6956	6967	6975
1 1/4"	1.66"	.140"	270*	294	464
1 1/4"	1.66"	.140"	270-S		
1 1/2"	1.90"	.145"	342*	366	391
1 1/2"	1.90"	.145"	342-S		
2"	2.375"	.154"	421	444	459-3†



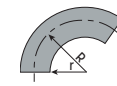
90° Elbow with One 2" Tangent *Cut to order.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	507-1		527-1
	1.50"	.120"	6957	6968	6976
1 1/4"	1.66"	.140"	271-3	295-3	464-1
1 1/2"	1.90"	.145"	343-3	367-3	391-1
2"	2.375"	.154"	423	445	460†



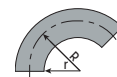
90° Elbow with Two 2" Tangents

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	507-2	517-2	527-2
	1.50"	.120"	6958	6969	6977
1 1/4"	1.66"	.140"	271-7	295-7	464-2
1 1/2"	1.90"	.145"	343-7	367-7	391-2
2"	2.375"	.154"	424	446	



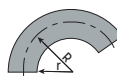
125° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM
1"	1.315"	.133"	507-3	
	1.50"	.120"	6959	
1 1/4"	1.66"	.140"	271-4	295-4
1 1/2"	1.90"	.145"	343-4	367-4
2"	2.375"	.154"	426	448



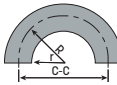
135° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM
1"	1.315"	.133"	507-4	
	1.50"	.120"	6960	
1 1/4"	1.66"	.140"	271-5	295-5
1 1/2"	1.90"	.145"	343-5	367-5
2"	2.375"	.154"	430	449



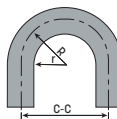
145° Elbow *Cut to order. Ship within 48 hours.*

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM
1"	1.315"	.133"	507-5	
	1.50"	.120"	6961	
1 1/4"	1.66"	.140"	271-8	295-8
1 1/2"	1.90"	.145"	343-8	
2"	2.375"	.154"	432	450



180° Elbow

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	507-6		
	1.50"	.120"	6962		6978
1 1/4"	1.66"	.140"	271-2	295-2	464-6
1 1/2"	1.90"	.145"	343-2	367-2	391-6
2"	2.375"	.154"	435	451	469†



180° Elbow with Two 2" Tangents

Pipe Size	OD	Wall Thick.	STEEL	ALUMINUM	STAINLESS
1"	1.315"	.133"	509^b		
	1.50"	.120"	6963^b	6971^b	6979^b
1 1/4"	1.66"	.140"	271-6^b	295-6^b	464-7^b
1 1/2"	1.90"	.145"	343-6^b	367-6^b	391-7^b
2"	2.375"	.154"	436^b	452	470†

* Denotes an **Elbow** with a seam.

† Denotes Sch. 10.

^b Available with two untrimmed tangents.

NUMBERS IN BOLD TYPE are typically in stock. Other items may not be available for immediate shipment or are made-to-order - requiring a minimum quantity and a longer lead time. Visit shopwagner.com for availability.