

### PIPE & TUBE BENDING DIMENSIONS

TUBE SIZE (IN)	PIPE SIZE (IN)	OUTSIDE DIAMETER (IN)	COMMON CENTERLINE RADII (CLR) (IN)	STANDARD TANGENT (ST) (IN)
1		1	3, 4, 6, 12	4
	1	1.15	3, 5	4
1 1/4		1.25	3, 7.25	4
	1 1/4	1.66	3.5, 4, 6.25	4
1 1/2		1.5	2.5, 6, 7.5, 9, 12, 15, 18, 24, 30, 36	4
1 3/4		1.75	2.5, 8, 9, 12, 15, 24, 30, 36, 48	4
	1 1/2	1.9	5, 6, 7.5, 9, 10, 12, 18, 24, 30, 36, 48	4
2		2	2.5, 3, 3.5, 4, 5, 6, 8, 8.5, 9, 10, 12, 15, 18, 24, 30, 36, 48	4
2 1/8		2.125	3, 5, 12, 24, 30, 36	4 1/4
2 1/4		2.25	3, 9, 12, 15, 17, 24, 30, 36	4 1/2
	2	2.375	6, 7.5, 10, 12, 15, 17, 24, 30, 36, 48	4
2 1/2		2.5	4, 6, 9, 12, 15, 17, 24, 30, 36, 48	5
2 3/4		2.75	2.75, 4, 17, 30, 36, 48	5 1/2
	2 1/2	2.875	12, 12.5, 15, 17, 24, 30, 36, 60	5
3		3	4, 4.5, 7.5, 9, 10, 12, 15, 18, 24, 30, 36, 48, 60	6
3 1/4		3.25	17, 30, 36	6 1/2
3 1/2	3	3.5	3.5, 4.5, 6, 8.75, 12, 15, 16, 18, 24, 30, 36, 48	7 (6-PIPE)
3 3/4		3.75	17, 24, 32, 36	7 1/2
4	3 1/2	4	4, 5, 6, 7.75, 10, 12, 16, 18, 20, 24, 30, 32, 36, 48, 60	8 (7-PIPE)
4 1/4		4.25	16, 30, 36, 48, 60	8 1/2
4 1/2	4	4.5	6, 9, 12, 16, 18, 20, 24, 30, 32, 36, 48, 60	9 (8-PIPE)
4 3/4		4.75	36	9 1/2
5		5	5.5, 7.5, 12.5, 17, 22, 24, 30, 36, 42, 48, 60	10
	5	5.563	15, 20, 24, 30, 36, 42, 48, 60, 72	10
5 1/2		5.5	30, 36	11
6		6	9, 15, 18, 24, 30, 36, 42, 48, 60, 72	12
	6	6.625	18, 24, 30, 36, 42, 48, 60, 72	12
8		8	12, 20, 32, 48, 60, 72	16
	8	8.625	24, 32, 40, 42, 48, 60, 72	16
	10	10.75	40, 48, 50	20