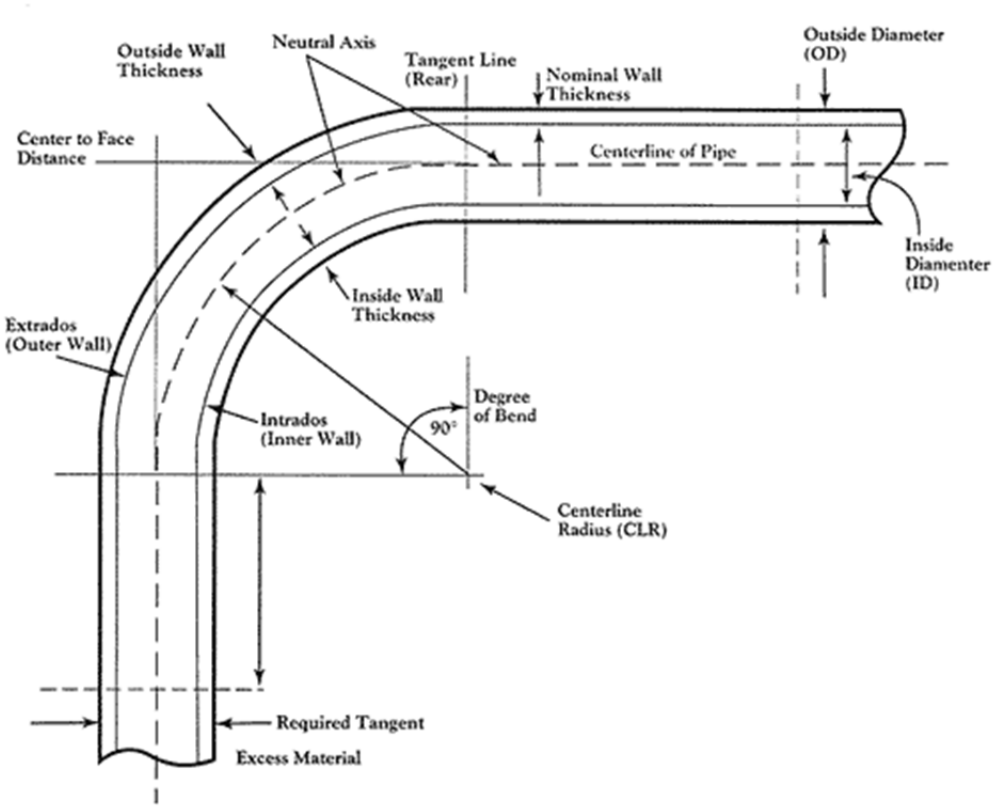
Round Tube Information

Minimum Achievable **"Centerline Radius"** with Standard Tooling

Tube Size	Wall Thickness							
	.035	.049	.065	.083	.095	.109	.120	.134
	20 Ga.	18 Ga.	16 Ga.	14 Ga.	13 Ga.	12 Ga.	11 Ga.	10 Ga.
1/4"	1.4	1.4	1.4	1.4	1.4	1.4	.78	.78
3/8"	1.4	1.4	.78	.78	.78	.78	.78	.78
1/2"	1.4	1.4	1	1	1	1	1	1
5/8"	1.8	1.8	1.8	1.4	1.4	1.4	1.4	1.4
3/4"	2.6	2.6	2.6	1.8	1.8	1.8	1.8	1.8
7/8"	2.6	2.6	2.2	1.8	1.8	1.8	1.8	1.8
1"	3.2	3.2	2.6	2.2	2.2	2.2	2.2	2.2
1-1/8"	3.2	3.2	3.2	2.6	2.2	2.2	2.2	2.2
1-1/4"	4.4	4.4	4.4	3.2	2.6	2.6	2.6	2.6
1-3/8"	4.4	4.4	4.4	3.2	3.2	3.2	3.2	3.2
1-1/2"	7.5	5.9	5.1	3.9	3.9	3.5	3.5	3.5
1-5/8"	7.5	5.9	5.1	3.9	3.9	3.5	3.5	3.5
1-3/4"			6.7	6.7	5.1	3.9	3.9	3.9
1-7/8"			7.5	5.9	5.1	3.9	3.9	3.9
2"			7.5	7.5	5.9	4.7	4.7	4.7
2-1/8"			7.5	7.5	5.9	5.1	5.1	4.7
2-1/4"				7.5	5.9	5.1	5.1	5.1
2-3/8"				7.5	5.9	5.1	5.1	5.1
2-1/2"					11.8	10.2	9.8	
3"					11.8	10.2	9.8	

Reference catalog for individual machine capacities

Bending Terminology



Material Required for a Bend

Radius x Degree of Bend x .0175 = Length