

The Cutting Edge Source
For Your Metal Needs

Alloy / Temper	Specified Thickness Range	Ultimate		Yield		Elongation Percent Min. in 2 in. or 4D
		Min.	Max.	Min.	Max.	
1100/O	.006 - .019	11	15.5	3.5	----	15
	.020 - .031	11	15.5	3.5	----	20
	.032 - .050	11	15.5	3.5	----	25
	.051 - .249	11	15.5	3.5	----	30
	.250 - 3.000	11	15.5	3.5	----	28
1100/H12	.017 - .019	14	19	11	----	3
	.020 - .031	14	19	11	----	4
	.032 - .050	14	19	11	----	6
	.051 - .113	14	19	11	----	8
	.114 - .499	14	19	11	----	9
	.500 - 2.000	14	19	11	----	12
1100/H14	.009 - .012	16	21	14	----	1
	.013 - .019	16	21	14	----	2
	.020 - .031	16	21	14	----	3
	.032 - .050	16	21	14	----	4
	.051 - .113	16	21	14	----	5
	.114 - .499	16	21	14	----	6
	.500 - 1.000	16	21	14	----	10
1100/H16	.006 - .019	19	24	17	----	1
	.020 - .031	19	24	17	----	2
	.032 - .050	19	24	17	----	3
	.051 - .162	19	24	17	----	4
1100/H18	.006 - .019	22	----	----	----	1
	.020 - .031	22	----	----	----	2
	.032 - .050	22	----	----	----	3
	.051 - .128	22	----	----	----	4
1100/H19	.006 - .063	24	----	----	----	1
1100/H112	.250 - .499	13	----	7	----	9
	.500 - 2.000	12	----	5	----	14
	2.001 - 3.000	11.5	----	4	----	20

Recommended Minimum Bend Radii for 90-Degree Cold Forming of Sheet & Plate

Temper	1/64 in.	1/32 in.	1/16 in.	1/8 in.	3/16 in.	1/4 in.	3/8 in.	1/2 in.
O	0	0	0	0	1/2t	1t	1t	1 1/2t
H12	0	0	0	1/2t	1t	1t	1 1/2t	2t
H14	0	0	0	1t	1t	1 1/2t	2t	2 1/2t
H16	0	1/2t	1t	1 1/2t	1 1/2t	2 1/2t	3t	4t
H18	1t	1t	1 1/2t	2 1/2t	3t	3 1/2t	4t	4 1/2t