

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.	
6061 / O	.006 - .007	----	22	----	12	10
	.008 - .009	----	22	----	12	11
	.010 - .020	----	22	----	12	14
	.021 - .128	----	22	----	12	16
	.129 - .499	----	22	----	12	18
	.500 - 1.000	----	22	----	----	18
	1.001 - 3.000	----	22	----	----	16
6061 / T4	.006 - .007	30	----	16	----	10
	.008 - .009	30	----	16	----	12
	.010 - .020	30	----	16	----	14
	.021 - .240	30	----	16	----	16
6061 / T45	.250 - 1.000	30	----	16	----	18
	1.001 - 3.000	30	----	16	----	16
6061 / T42	.006 - .007	30	----	14	----	10
	.008 - .009	30	----	14	----	12
	.010 - .020	30	----	14	----	14
	.021 - .249	30	----	14	----	16
	.250 - 1.000	30	----	14	----	18
	1.001 - 3.000	30	----	14	----	16
6061 / T6 6061 / T62	.006-.007	42	----	35	----	4
	.008-.009	42	----	35	----	6
	.010-.020	42	----	35	----	8
	.021-.249	42	----	35	----	10
6061 / T62 6061 / T651	.250-.499	42	----	35	----	10
	.500-1.00	42	----	35	----	9
	1.001-2.000	42	----	35	----	8
	2.001-4.000	42	----	35	----	6
	4.001-6.000	42	----	35	----	6

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	1t	1t	1t	1½t	2t
T4	0	0	1t	1½t	2½t	3t	3½t	4t
T6	1t	1t	1½t	2½t	3t	3½t	4½t	5t