

Standard Rolls					5 Times Top Roll Diameter				Minimum Diameters (at Maximum Width)			
Model	Nominal Thickness	Width	Top Roll Diameter	Pre-Bend Capacity (Thick./Length)	Diameter	Max Thick at 100% Width	Max Thick at 70% Width	Max Thick at 30% Width	Thickness	Diameter Single Pass	Thickness	Diameter Multi-Pass
25-08	0.250	96	9.0	.250 / 96	45.0	0.295	0.352	0.538	0.188	11.0	0.250	17.5
25-10	0.250	120	9.0	.250 / 120	45.0	0.304	0.364	0.556	0.203	11.0	0.266	17.5
25-12	0.250	144	10.5	.250 / 144	52.5	0.326	0.389	0.595	0.219	12.7	0.281	19.0
37-08	0.375	96	10.5	.375 / 96	52.5	0.437	0.522	0.798	0.281	12.4	0.375	19.0
37-10	0.375	120	10.5	.375 / 120	52.5	0.438	0.523	0.799	0.281	12.4	0.375	19.0
37-12	0.375	144	12.0	.375 / 144	60.0	0.448	0.535	0.818	0.297	14.2	0.375	20.5
50-08	0.500	96	12.0	.500 / 96	60.0	0.579	0.692	1.056	0.375	13.9	0.500	20.5
50-10	0.500	120	12.0	.500 / 120	60.0	0.577	0.689	1.053	0.375	13.9	0.500	20.5
50-12	0.500	144	14.0	.500 / 144	70.0	0.631	0.754	1.152	0.406	16.1	0.531	22.5
75-08	0.750	96	15.0	.750 / 96	75.0	0.901	1.077	1.645	0.594	16.9	0.781	23.5
75-10	0.750	120	15.0	.750 / 120	75.0	0.856	1.024	1.563	0.563	16.9	0.750	23.5
75-12	0.750	144	16.0	.750 / 144	80.0	0.883	1.055	1.611	0.578	18.0	0.766	24.5
100-08	1.000	96	17.0	1.000 / 96	85.0	1.152	1.377	2.104	0.750	18.9	1.000	25.5
100-10	1.000	120	17.0	1.000 / 120	85.0	1.150	1.374	2.099	0.750	18.9	1.000	25.5

All Numbers in Inches.

Note: ASTM A36 steel has a MINIMUM Yield Strength of 36,000 psi. Above values are calculated using a Yield Strength of 45,000 psi.



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