

# I know the Straight Leg Lengths, Angles, and Rotations

Use "Custom Part" and change all of your "Dim Types" to "Tangent". Tangent allows for the definition of the straight lengths between bends.

The screenshot shows the 'Custom Part - 1' software interface. The 'Die & Material' tab is active, displaying material and die selection options. The 'Material' is set to '1.75 DOM' and the 'Die' is '4.0'. The 'Number of Bends' is set to 2, with a 'Start Angle' of 0. The 'Dim Type' for both bends is set to 'Tangent', which is highlighted with a red box. The 'Die' for both bends is '4.0'. The 'Bend 1' parameters are Length: 12, Rotation: 0, Angle: 180. The 'Bend 2' parameters are Length: 12, Rotation: 180, Angle: 90. The 'End' length is 12. The '3D Model' shows a grey pipe with a vertical straight leg, a 180-degree bend, a horizontal straight leg, and a 90-degree bend. A coordinate system is shown at the bottom right with X, Y, and Z axes.

A	B	Location	Rotation	Angle	Spring Angle	CLR	Bend Length	Orientation
1	1	12	0	180	180	4.16	13	From Start
2	2	37	180	90	90	4.16	6	From Start

