

Changing the Radius for only 1 bend.

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This is available in Bend-Tech SE. This function allows for multiple radii on the same part.

Each interface; Custom Part, Custom 3D Part and XYZ allows you to select the bend line in reference and then select an individual tool for that bend:

XYZ:

The screenshot shows the Bend-Tech SE software interface. At the top, it displays 'Material: 1.25', 'Tooling: 3.0', 'Cut Length: 30', and 'Weight: 0'. There are radio buttons for 'Inches' (selected) and 'Millimeters'. Below this is a table with columns A, B, Location, Rotation, Angle, and CLR.

A	B	Location	Rotation	Angle	CLR
1	1	6 3/16	0	90	3.063
2	2	15 3/4	0	90	7

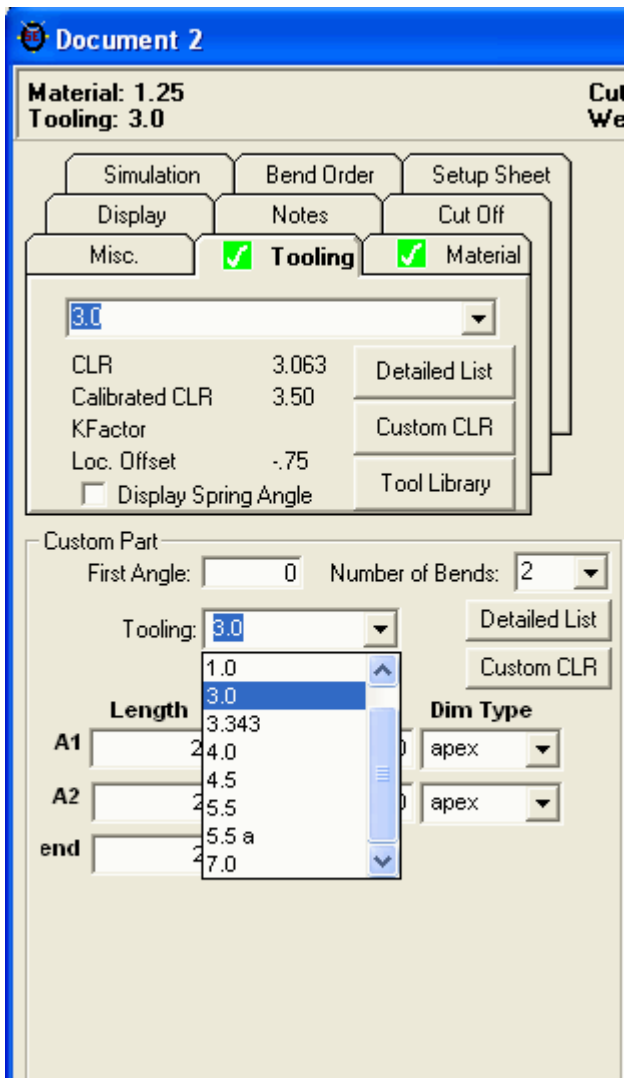
Below the table are several tabs: Simulation, Bend Order, Setup Sheet, Display, Notes, Cut Off, Misc., Tooling (checked), and Material (checked). The Tooling tab is active, showing a dropdown menu with '3.0' selected. Below the dropdown are fields for CLR (3.063), Calibrated CLR (3.50), KFactor, Loc. Offset (-.75), and a checkbox for 'Display Spring Angle'. There are buttons for 'Detailed List', 'Custom CLR', and 'Tool Library'.

The XYZ Input panel is visible, showing options for Zero X, Zero Y, Zero Z, Mirror X, Mirror Y, Mirror Z, Verification Points, and Refresh on Key Stroke (checked). It includes a 'Number of Bends' dropdown set to 2 and a 'Tooling' dropdown set to 7.0. A 'Detailed' list shows radii: 1.0, 3.0, 3.343, 4.0, 4.5, 5.5, 5.5 a, 7.0, and apex. Below this is a table for XYZ coordinates:

	X	Y	Z
start	0	0	0
bend: 1	0	0	10
bend: 2	15	0	10
end	15	0	0

On the right, a 3D model of a bent pipe is shown with a coordinate system. The Z-axis is vertical, and the X and Y axes are horizontal. Dimensions are indicated: 10 for the height of the first bend, 15 for the horizontal distance between bends, and 0 for the radius of the second bend. A 'Reset' button is at the bottom right.

Custom Part:



Custom 3D Part:

Material: 1.25
Tooling: 3.0

Simulation Bend Order Setup Sheet
Display Notes Cut Off
Misc. Tooling Material

3.0

CLR	3.063	Detailed List
Calibrated CLR	3.50	
KFactor		Custom CLR
Loc. Offset	-.75	
<input checked="" type="checkbox"/> Display Spring Angle		Tool Library

Custom 3D Part (Bend 2)

Number of Bends: 3 Detailed List

Tooling: 3.0 Custom CLR

Dimension

- 1.0
- 3.0
- 3.343
- 4.0
- 4.5
- 5.5
- 5.5 a
- 7.0

Bend

- 1
- 2
- 3
- E

0 8 0 0 0