

## Make a 3D part in Custom Part

This is available in Bend-Tech PRO, SE and EZ-3D version 3.08.xx

Use the rotation field to create a 3D part as in the following example:

The screenshot shows the Bend-Tech software interface for creating a 3D part. The window title is "Document 4". The material is set to "1.75 DOM" with a tooling of "4.0". The cut length is "75 11/16" and the weight is "0". The units are set to "Inches".

The interface includes several tabs: Simulation, Bend Order, Setup Sheet, Display, Notes, Cut Off, Misc., Tooling, and Material. The Material tab is active, showing a dropdown menu with "1.75 DOM" selected. Below the dropdown, the diameter is "1.75", wall thickness is "0.090", and weight is "0". A "Material Library" button is also present.

The "Custom Part" section has the following settings: First Angle: 0, Number of Bends: 6, Tooling: 4.0. There are buttons for "Detailed List" and "Custom CLR".

A table of bend parameters is displayed:

A	B	Length	Rotation	Angle	CLR	Bend Length
1	1	4	0	90	4	6 5/16
2	2	18 1/2	110	70	4	4 7/8
3	3	29 3/4	180	70	4	4 7/8
4	4	41 1/16	0	70	4	4 7/8
5	5	52 5/16	180	70	4	4 7/8
6	6	65 7/16	(-110)	90	4	6 5/16

The 3D view shows a grey, curved metal part with six bends. The part starts with a horizontal section, followed by a series of bends that create a wavy, zig-zag pattern. The bends are defined by the parameters in the table above. A "Reset" button is located at the bottom right of the 3D view.