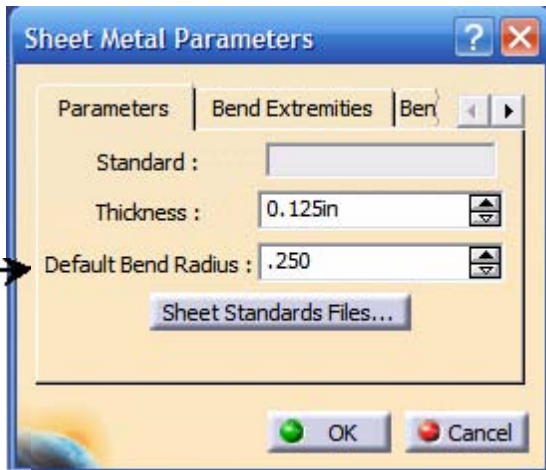


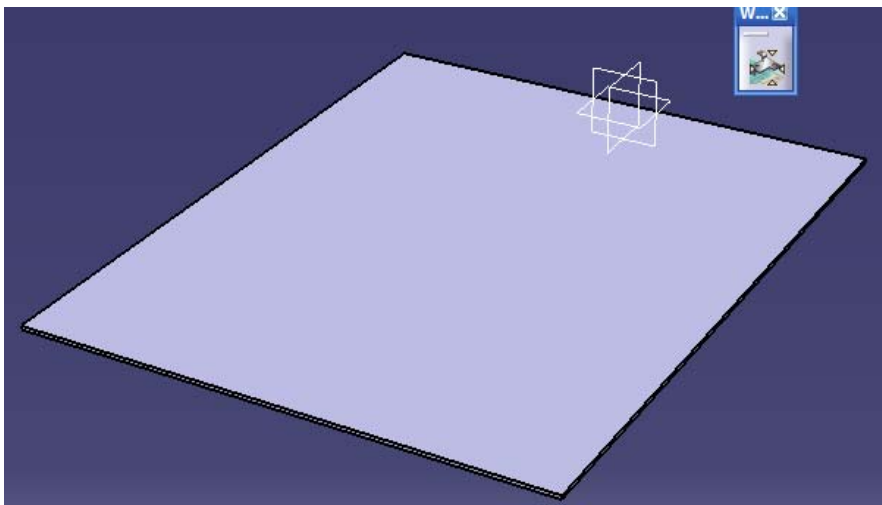
# Generative SheetMetal Workbench



Enter your given sheet metal parameters as step 1.

Sheet Metal GSD extremely powerful Work bench this workbench is so powerful it beats NX5 I-Deas and Pro E out of the Water.

After you create the sheet metal thickness create a **wall** to start from. Draw sketch then click wall and Catia will extrude the set thickness you provided in the Parameters box above. See below for Example.



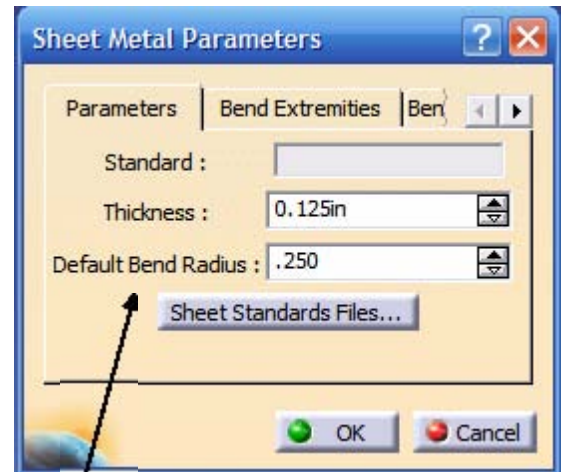
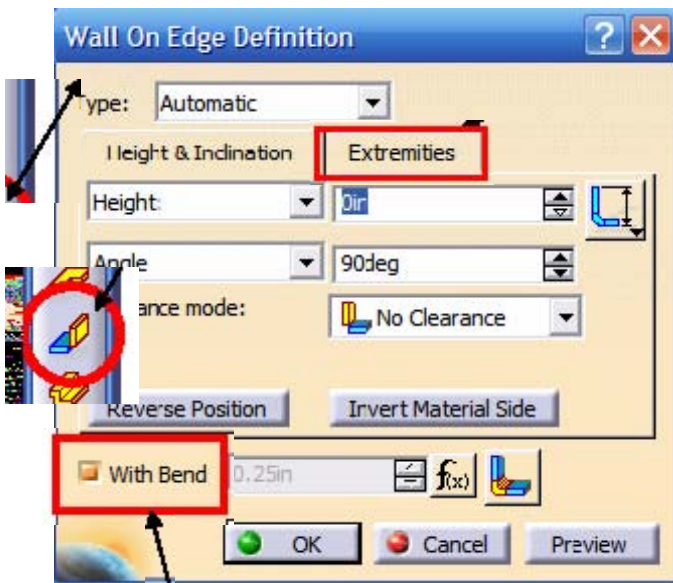
Click here to create your side walls toggle with BEND on



Shown on the next page

Note:  
Think of the first wall as your Primary Datum it's the only wall you should constrain in sketcher. Your next step is to create the walls by selecting the edges of the first surface.

Is this the only way? No it's the most simplest and its very easy to modify for later revisions, also it uses the least amount of picks which saves time.

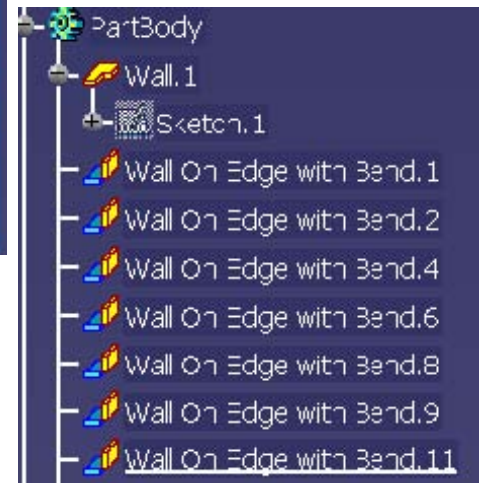


This creates your bend radius you set in Parameters at the beginning.  
 (You can always change this Bend Radius in your Tree under Parameters)

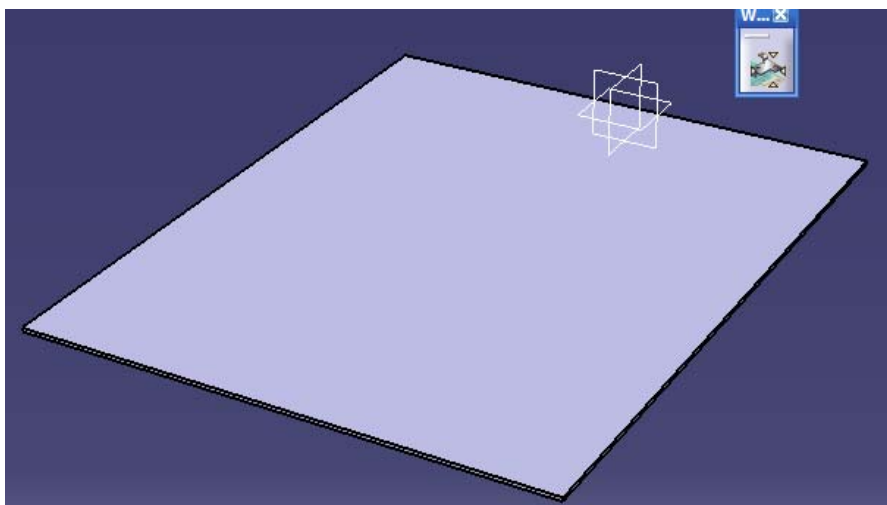
The Extremities Tab is really cool and has strong capabilities when creating relief bends.

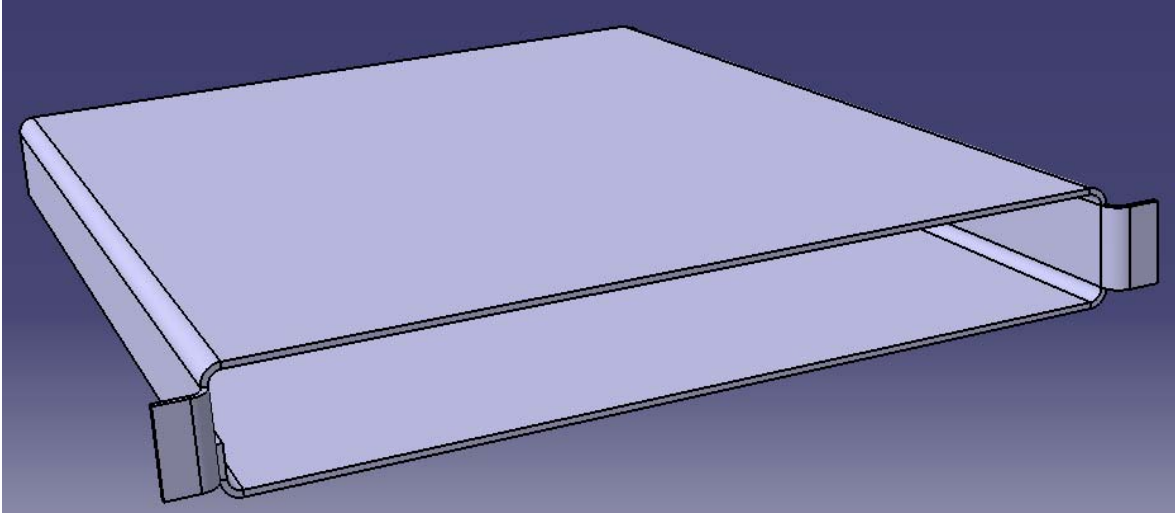
In this example I created one sketch, extruded it using the Wall icon... The next 7 walls are based on the edges of my first extrude or wall....

Sheet Metal Parameter Bends we set at the beginning.

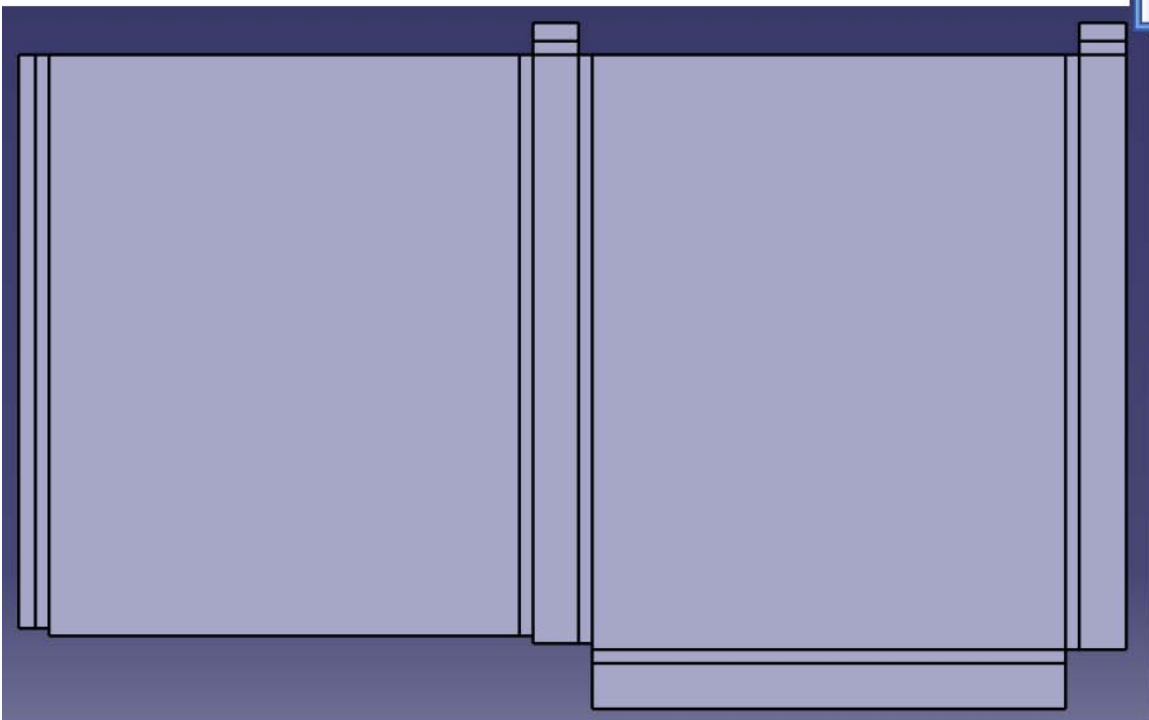


All of these walls are created by selecting the edge of the part.





When you create your Designs using this powerful workbench you can click this command and it will unfold the part.



After you create your first sheet metal part practice using these icons shown above they are extremely powerful for stamping procedures.