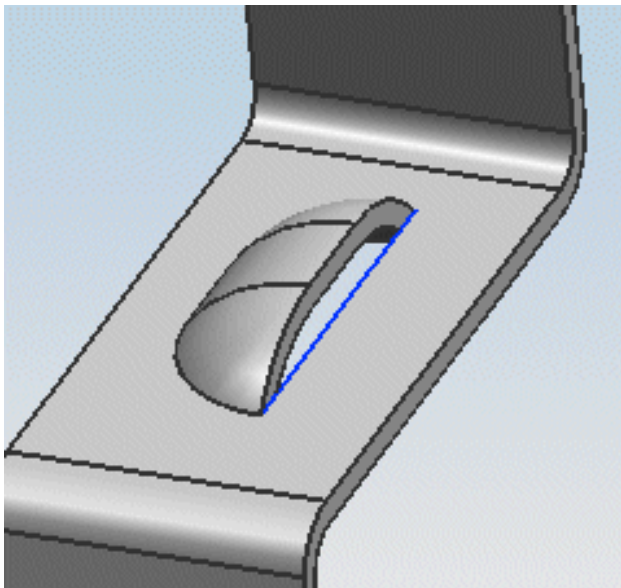




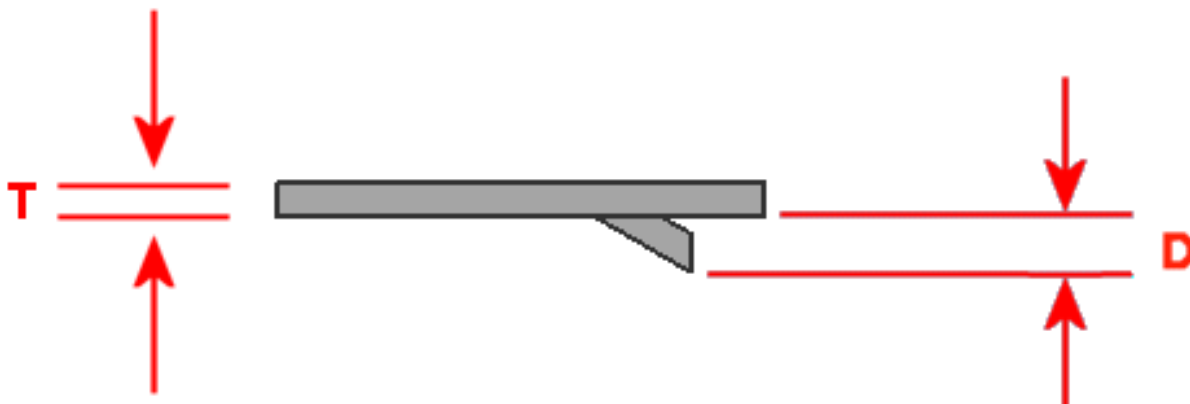
Louver overview

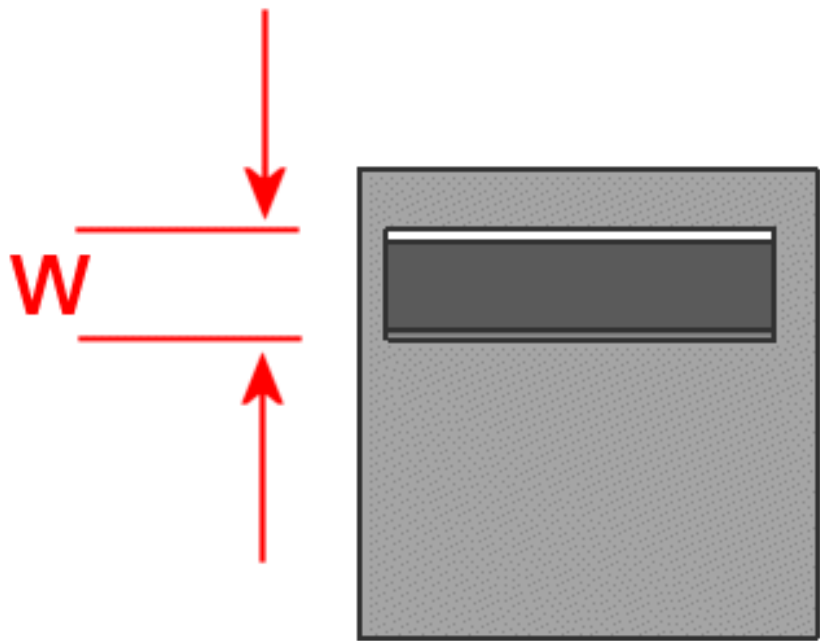
[Overview](#)[How To](#)[Options](#)[Related Topics](#)

Louver lets you create and customize a sheetmetal venting feature.

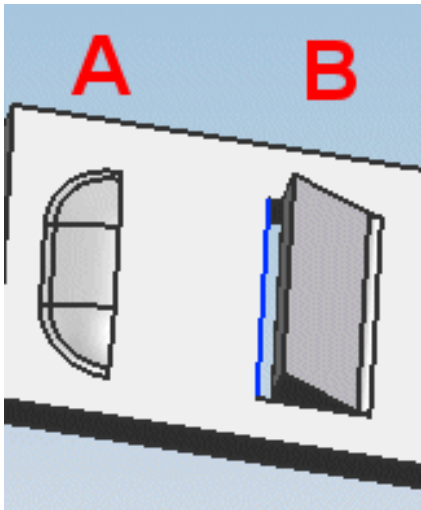


A louver is constructed using a single, linear element. The louver depth (D) must be equal to or less than the louver width (W) minus the material thickness (T).





You can also specify whether you want the louver ends formed (A) or lanced (B).



Louver features can't be flattened.

Where do I find it?

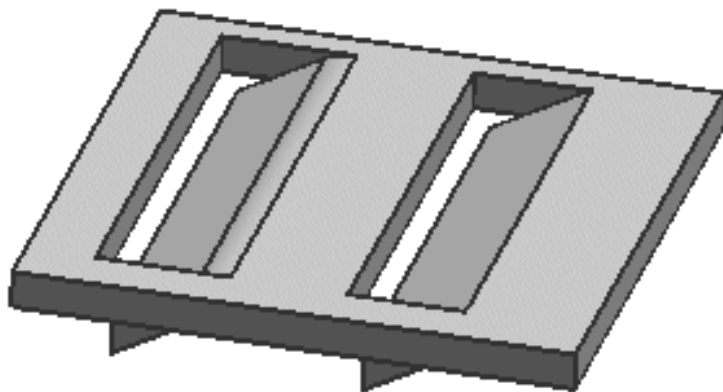
Application	NX Sheet Metal
Toolbar	NX Sheet Metal→Punch list  →Louver
Menu	Insert→Punch→Louver



Create a louver

[Overview](#)[How To](#)[Options](#)[Related Topics](#)

1. Click **Louver**.
2. Define the profile plane.
3. Draw a profile. The profile must be a single linear element.
4. Define the louver depth and height.
5. Specify whether you want the louver ends lanced or formed.
6. Specify whether you want rounding, and if so, supply a radius value. (In the following figure, the louver on the left has a die radius of 2 mm.)



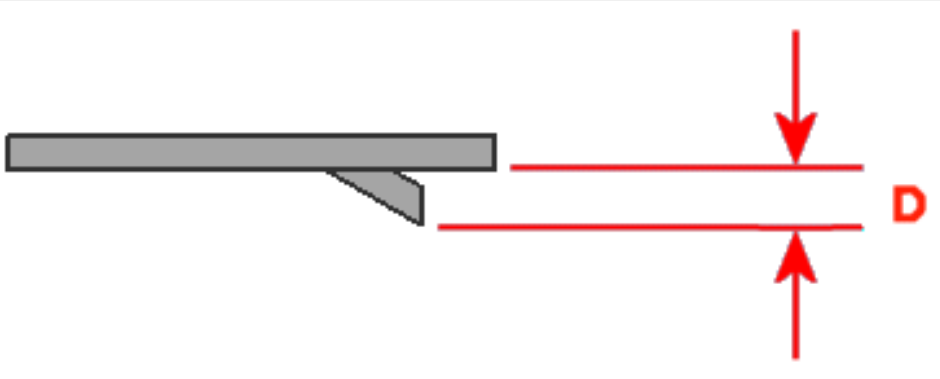
7. Click **OK** to finish the feature.

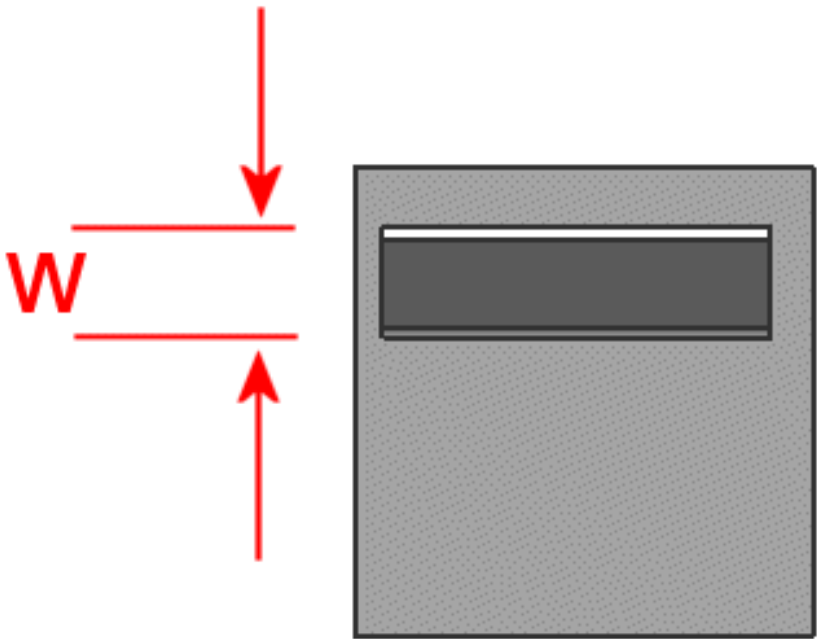


Louver options

- [Overview](#)
- [How To](#)
- Options**
- [Related Topics](#)

The following options are available for **Louver**:

Louver Properties	
Depth	Specifies the extent of the louver, measured from the base surface to the top of the louver. The louver depth (D) must be equal to or less than the louver width minus the material thickness. 
Reverse Direction 	Changes the direction of the louver to the opposite side of the base part.
Width	Specifies the width of the louver, measured from the Cut Line to the front edge.



Reverse
Direction

Moves the louver to the other side of the **Cut Line** (profile).

Louver Shape

- **Formed** gives you a rounded shape with closed ends.
- **Lanced** gives you squared-off open ends.

Rounding

Round Louver
Edges

Gives you a fillet at the edge where the louver meets the flat surface. If you select this option, must supply a value for **Die Radius**.