

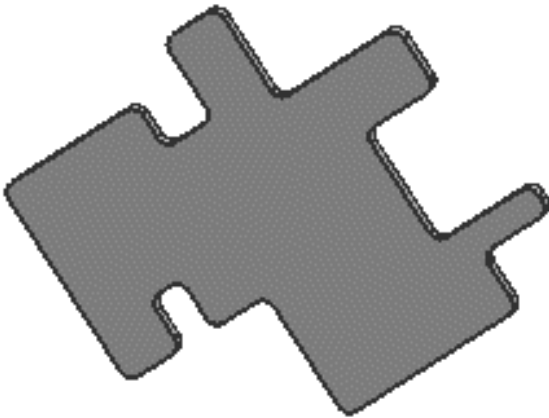
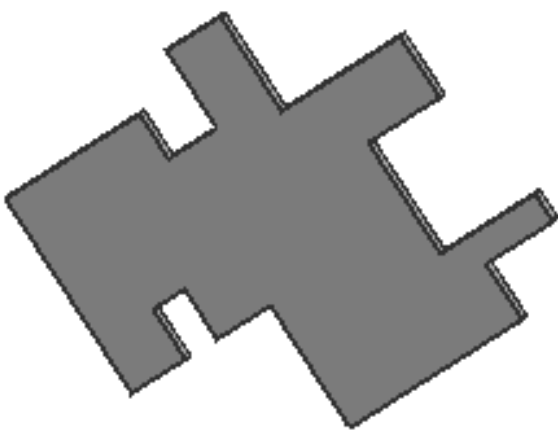


Break Corner overview

Overview

[How To](#)

[Options](#)



Use **Break Corner** to create a blend or chamfer on an edge so as to get rid of sharp edges on the sheet metal part. This feature saves design time when creating blends on thickness edges by filtering out any invalid edges. It allows the software to automatically maintain the manufacturability of a sheet metal part.

Where do I find it?

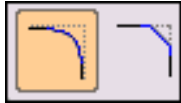
Application	NX Sheet Metal
Toolbar	NX Sheet Metal→Corner list  →Break Corner
Menu	Insert→Corner list →Break Corner



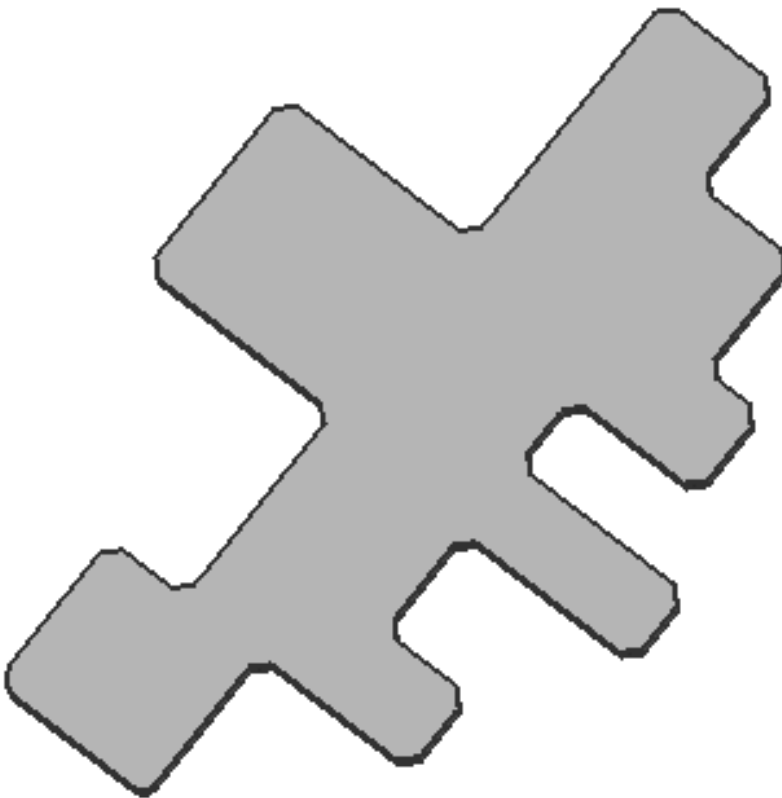
Breaking a Corner

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1. Click **(Break Corner)** on the **NX Sheet Metal** toolbar.
2. In the **Break Corner** dialog, specify whether you want the corner filleted or chamfered.



3. Supply a **Break** (radius) value for the filleted/chamfered corner.
4. Select a vertex if you only want that corner broken. If you want all the corners of the part broken, select a face. In the following graphic, we selected the top face of the part and the software applied a chamfer of 5 degrees to all the corners of the part.





Break Corner Dialog

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You have the following options for **Break Corner**:

- **Fillet** gives you a rounded corner.



- **Chamfer** gives you an angled corner.



- The **Break** field lets you specify the radius of the fillet or chamfer you want to create.