Get bent on sheet metal with Fusion 360

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123967 Get bent on sheet metal with Fusion 360
Sheet Metal
Section break
Learn the features and workflows needed for press brake sheet metal design. Create material-specific rules in a library to be referenced and shared. Discover the selection-based flange tool to create base, contour, edge, and joint flanges. Cut across bends by unfolding and folding your bent bodies.

**After attending this class, you will have the knowledge needed to be effective in sheet metal design.**
Agenda

• Sheet Metal Modeling Overview 20 min
  • Customer success examples
  • Live modeling example

• Customization 15 min
  • K factor Crash Course
  • Setting up Fusion Sheetmetal Libraries

• Tips & Tricks 15 min

• Q / A 10 min
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Sheet Metal Customer Examples
Sheet Metal Customer Examples
Who’s using Fusion Sheetmetal?
Who’s using Fusion Sheetmetal?
What is Fusion Sheet Metal?
Sheet Metal - Features

Bend Rules and overrides
Sheet Metal - Features

Flange Tool - Base
Sheet Metal - Features

Flange Tool - Edge Flange
Sheet Metal - Features

Flange Tool - Contour Flange
Sheet Metal - Features

Flange Tool - Miter Flange
Sheet Metal - Features

Unfold/refold
Sheet Metal - Features

Flat pattern
DEMO
Mike and Mike to build the cover components
K-Factor is dependant upon your Material / Machine / Setup / Tooling
Sheet Metal - Creating Custom Library
Sheet Metal - Tips and Tricks

● Replace Face
● Edge Width
● Extrude
● Press Pull
● Move
● Combine
● Join - Connected vs. Non
Sheet Metal - Features

Documentation - Bend Tables
Sheet Metal - Features

Documentation - Bend Identifiers

Bend Identifier
Select a bend centerline within a flat pattern drawing view. A bend identifier is created.
Sheet Metal - Features

Manufacture