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## What's in Sheet Metal for BricsCAD

With Sheet Metal for BricsCAD you can import, create, unfold, rework and export sheet metal parts using the most intuitive 3D direct modeling techniques. It is free of conceptual mistakes of history-based MCAD software. You will never need to restart your design from scratch, because we guarantee maximum flexibility for changing your models.

### FORM FEATURES

BricsCAD V17 adds parametric form features to the sheet metal module. “Form features” mimic the process when a forming tool deforms a piece of sheet metal. After the form is applied, you can edit it directly and parametrically through the Properties bar.

The library contains most commonly used form features, such as bridge, louver, and emboss. You can import form features from other systems, and define your own custom forms. When you import geometry from other CAD systems, you can search for similar form features, and then replaced them with ones from your libraries.

### Flange Bend

Flange bend lets you bend an existing flange along a line, obeying the k-factor for given bend radius. The “k-factor” determines how much of the material’s thickness compresses and how much stretches during the bending process. When you import geometry, BricsCAD recognizes incorrectly-made bends and automatically repairs them.

**WRONG BEND** features can be recognized in imported geometry and automatically repaired.

### IMPROVED LOFTED BENDS

Lofted bends gain a feature validation function, which lets you ensure that the bend will work correctly.