

# Free Choice

## SPI Component Manager

### Everything ready to use

Frequently used components - just click, define parameters and insert it into your design. A dream comes true.

The SPI Component Manager belongs to the scope of supply of the SPI SheetMetalWorks Software and puts an extensive library of standard construction units to your disposal. It supports you with the arbitrary design of standard parts, connectors, flanges, transitions and heads as well as a „box“ and a „box with cap“. It gives you exact results for filleted and sharp-cornered sheet metal parts.

The use of the software is fast and easy: Just select a component from the clearly laid out catalogue with a click of your mouse, and get the corresponding parameters in a detailed preview. Choose one of the parameters and modify it to your demand. At the push of a button the complete component is built and is appended to your SolidWorks assembly.



The default delivery consists of more than 30 parts and will be graded up with every new release. Beneath that you can build up your own components and store them for later work. The SPI Component Manager is part of the standard delivery of SPI SheetMetalWorks.

The screenshot shows the SPI Component Manager interface. On the right, a catalog lists various components: Standard, Rectangles, Transitions (Round-Round, Round-Squared, parallel, Round-Squared, chamfered), Y-Transition (symmetrical, asymmetrical, with Cones), and Connectors. A central window displays a 3D model of a Y-transition with dimensions. Below it, a parameters table is shown:

Name	Value
Diameter (D)	400 mm
Height (H)	700 mm
Length (L)	800 mm
Width (W)	500 mm
Radius (R)	2 mm
X-Offset (XO)	100 mm
Z-Offset (ZO)	30 mm
X-Rotation (AX)	15 °
Z-Rotation (AZ)	15 °
Weld Gap (G)	1 mm
Thickness (T)	1 mm

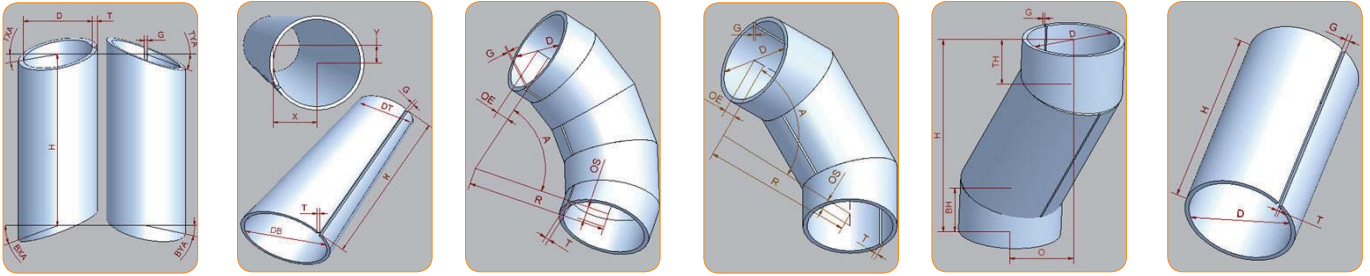
<http://www.sheetmetalworks.de/en/>



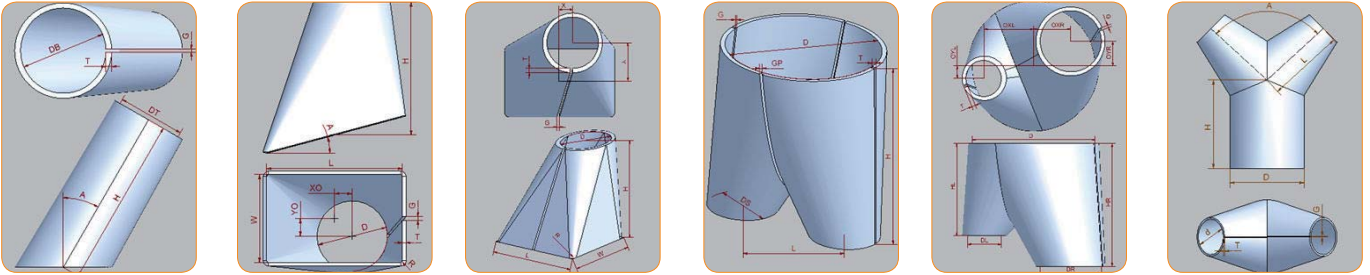
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**SPI** CAD Solutions

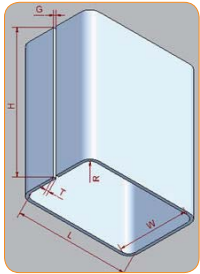
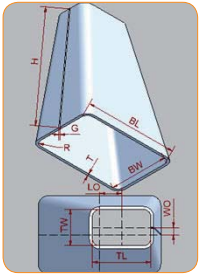
## Standard



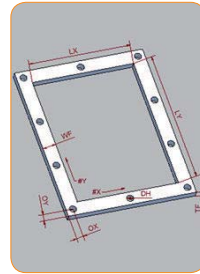
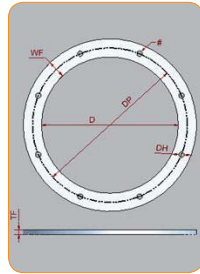
## Transitions



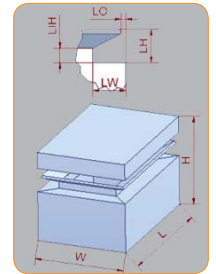
## Rectangles



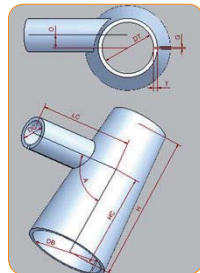
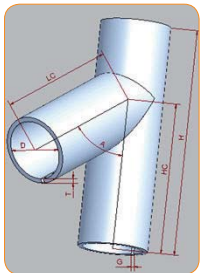
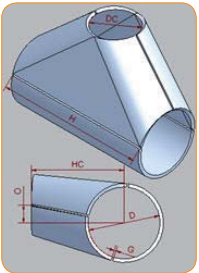
## Flanges



## Box with Cap



## Connectors



## Enjoy CAD:

- free choice
- detailed preview
- modifiably parameters
- „borderless“ diversity

## Heads

