



TruServices
Consulting

Workshop for
part design

Rethink and save money.

From the idea to the finished part - Together with your design engineers, we work out cost-efficient solutions for your components. New production options help you reduce costs and weight. Furthermore, the functions and logistics of the components are also optimized.

Your benefits at a glance:

- Acquire know-how and suggestions for economical part design.
- Practice with actual customer parts during the workshop.
- Gain insight into current manufacturing processes for flexible sheet metal fabrication.
- Cut manufacturing costs immediately by actively implementing the workshop results.
- Flexible product range and TRUMPF advice tailored to your needs.

Main focus points:

- ☑ Cut manufacturing costs - by reducing time-consuming process steps.
 - ☑ Replace expensive fabrication processes - with intelligent sheet metal designs.
 - ☑ Reduce the diversity of semi-finished products - by integrating tubes and profiles in sheet metal.
 - ☑ Make full use of process advantages and minimize refinishing - through the use of laser welding.
- ➔ Realize more economical parts by applying the latest design rules and manufacturing possibilities.

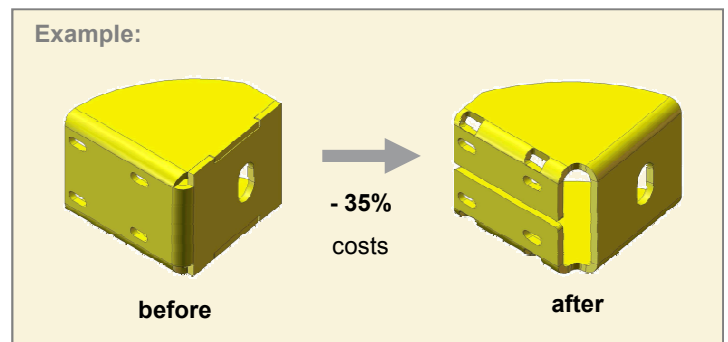


Thinking outside the box.

This offer is addressed to design engineers, planning engineers and production employees with the aim of presenting new approaches and options in sheet metal design and fabrication. We impart the latest know-how in design possibilities and help apply this actively to your parts. The workshop is rounded off by producing an actual part from one of the resulting ideas. What's more: You will be able to apply everything you learned in the workshop to your entire range of parts. That really pays off!

Fewer steps to the finished part.

The example of the angle bracket on the right shows you the direct cost advantage of a new design that was generated during a workshop: Expensive and time-consuming production steps (in this case: welding) were eliminated by systematically replacing welded seams with bends. This reduces the manufacturing costs by 35 % - while maintaining the same functionality. And this is just one approach of many!



	Sheet metal design	Laser welding design	Tube design
Workshop (for one customer)	3 days	2 days	1 days
Seminar (open to all)	3 days	2 days	1 day
Application consulting (for one customer)	1 day	1 day	1 day

Flexible and customized.

For the three main focus points (sheet metal, tube or laser welding design), we offer a whole range of courses. From the basics of design possibilities to applications consulting regarding one specific part: Our products are adapted to your requirements. Together, we will select the product that best meets your needs. Please feel free to contact us!