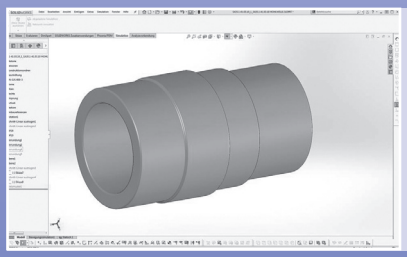
SMW-AUTOBLOK
Special jaws

Turnkey solutions for almost every workpiece demand

SMW-AUTOBLOK delivers customized clamping solutions in no time.
All clamping devices are getting calculated through FEM analysis meticulously and are meeting the highest security standards. When designing, particular attention is paid to meet the highest and consistent processing quality. In addition, the economy, especially in minimizing set-up costs, is taken into account.
All milestones – from the customer inquiry to the delivery of the complete setup – are based on a certified workflow, which is constantly visible to our customers. All clamping devices are designed and manufactured in a way so that you, the customer, can start machining your workpieces directly.
After delivery of the device, a worldwide service network guarantees support directly at the application site.
We also offer our special jaws for all commercially available chucks from other manufacturers.

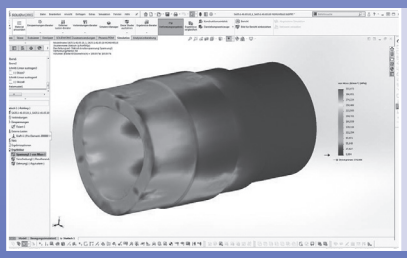
Certified workflow

Real-time simulation in the construction process



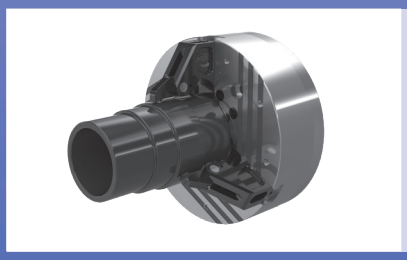
Customized interpretation

Turnkey solutions – workpiece-specific design of clamping devices within a very short time.



FEM calculation

Each design goes through a safety process in the project planning, in which an FEM calculation is carried out.

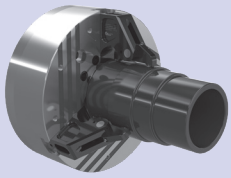


Ready to use

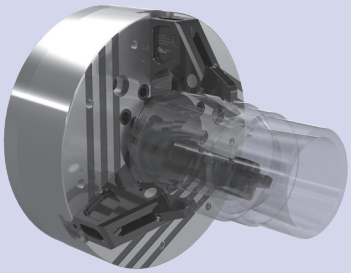
After production, pre-assembly and testing, the device is delivered ready for use – with customer identification on request.

O.D. Clamping of a hollow shaft without additional support

Customer requirements: O.D. clamping of a hollow shaft, clamping on two different diameters, workpiece should be machined without additional support.



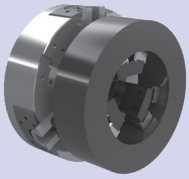
Solution: Pendulum jaws with axial pendulum, interchangeable clamping inserts UGE10.



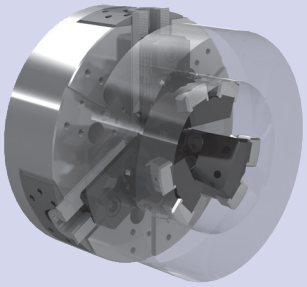
Customer benefit: The hollow shaft can be securely clamped and processed without additional support, simple and quick replacement of the clamping inserts when worn.

Example: I.D. clamping of raw castings

Customer requirements: I.D. clamping of cast blanks, workpiece should get parted behind the clamping point in OP10, the resulting workpiece ring should be held in front of the jaw.



Solution: Clamping jaws with interchargeable grip inserts, additionally with two internal spring-loaded clamping tips each for holding the workpiece ring during and after the parting off process.



Customer benefits: The parted workpiece ring is held securely during and after the parting off process.

Do you have any concern?
Ask our workholding experts today!

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