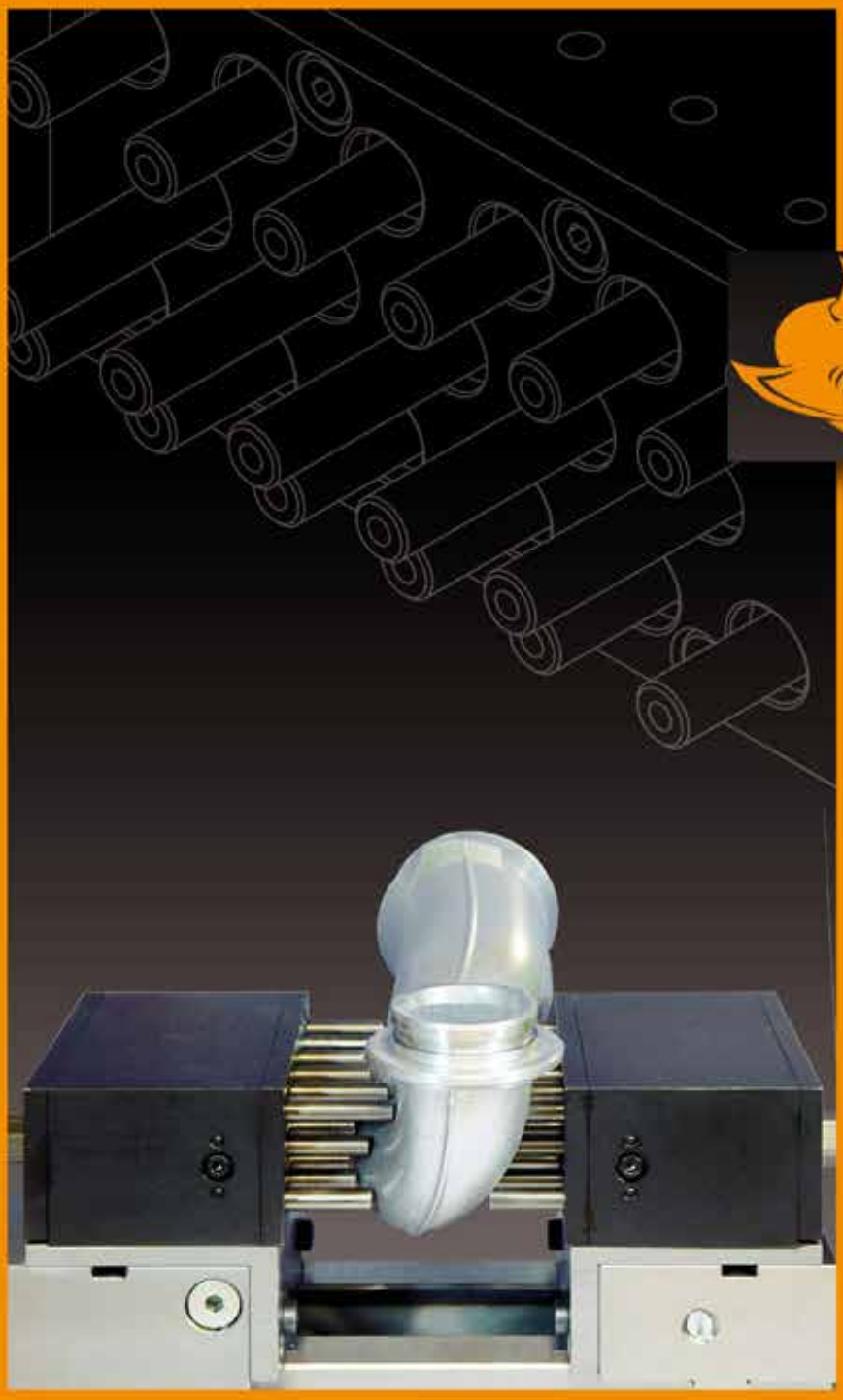
KOSTYRKA



THE JAW

PIN FORM ELEMENTS. CLAMPING ANY GEOMETRY.

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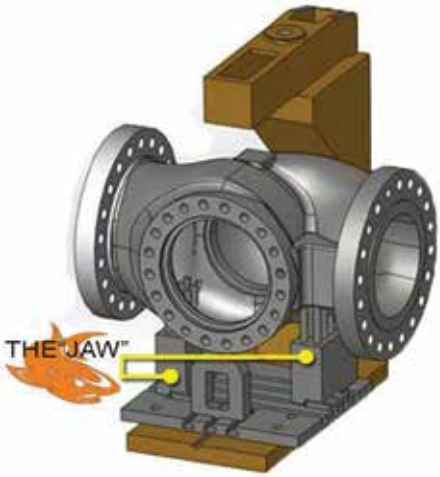
Kostyrka

The “JAW”

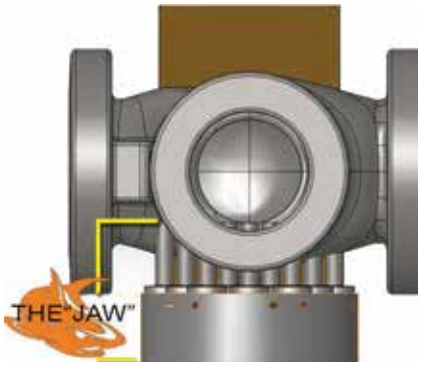
Super-fast, Flexible & Precise Clamping Power.
Perfect for: Vice Jaws • Support Elements • Robot Grippers & more



with 10-8mm diameter pins

The pin elements made by KOSTYRKA provide the possibility for fast and precise molding of the outline of the part to be clamped into a clamping element. Within seconds a part specific element is being created. Axially movable pins contact the part and generate a form fit between the element and the part. In this position the pins will be locked hydraulically using original KOSTYRKA® clamping sleeves. Another benefit of this part specific element is a reduction of the required clamping force due to the form fit.

These pin elements provide a wide range of different fields of application starting with the machining of cast parts, free-form surfaces, and prototypes to solutions for the assembly. Thereby these elements can be used as jaws for vices, as supports, in combination with robot gripers, in custom made fixture solutions, etc.



with 36-25mm diameter pins

unique features

- Adaptable form fit elements
- No axial or radial pin movement while locking
- Complete enclosure (no chip penetration)
- Automation possible
- Almost unlimited number of pins
- Custom made elements
- Reduction of vibrations
- Threaded rods for custom contact tips

technical data for regular vice jaws

- 17 pins
- 8mm pin diameter
- 35mm stroke
- 1.4kN axial holding force per pin at 300bar (4350psi)
- 23.8kN axial holding force for the complete jaw at 300bar (4350psi)

NOTE: The jaws are designed for high **axial** forces. There will also be a high axial stiffness. In the case of a severe side loading, the pins can bend according to the laws of physics. This has to be taken into consideration for high side loading applications.