



KONTEC KSC

Floating Version

1945 – 2015

70 Years

Superior Clamping and Gripping

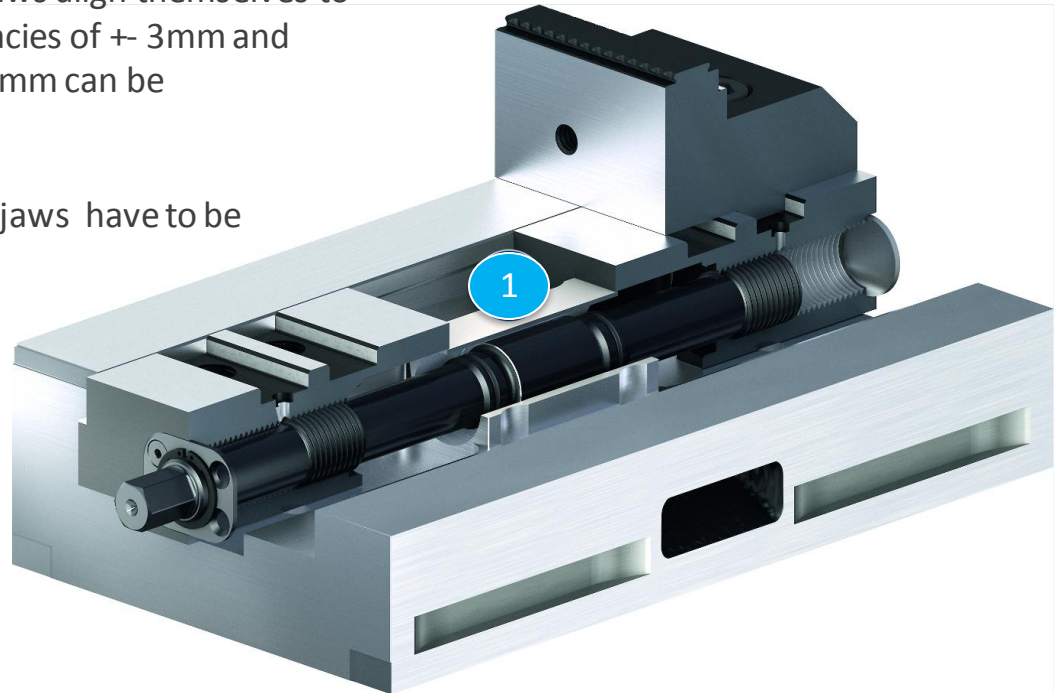


KONTEC KSC

Floating Version

For clamping of longer workpieces the KSC offers the opportunity of a floated centric clamping vise for the internal clamping positions. In this version the jaws align themselves to the workpiece. By using size 80 inaccuracies of $\pm 3\text{mm}$ and with the larger sizes inaccuracies of $\pm 5\text{mm}$ can be compensated.

→ The clamping device and the system jaws have to be separately assembled for this version.



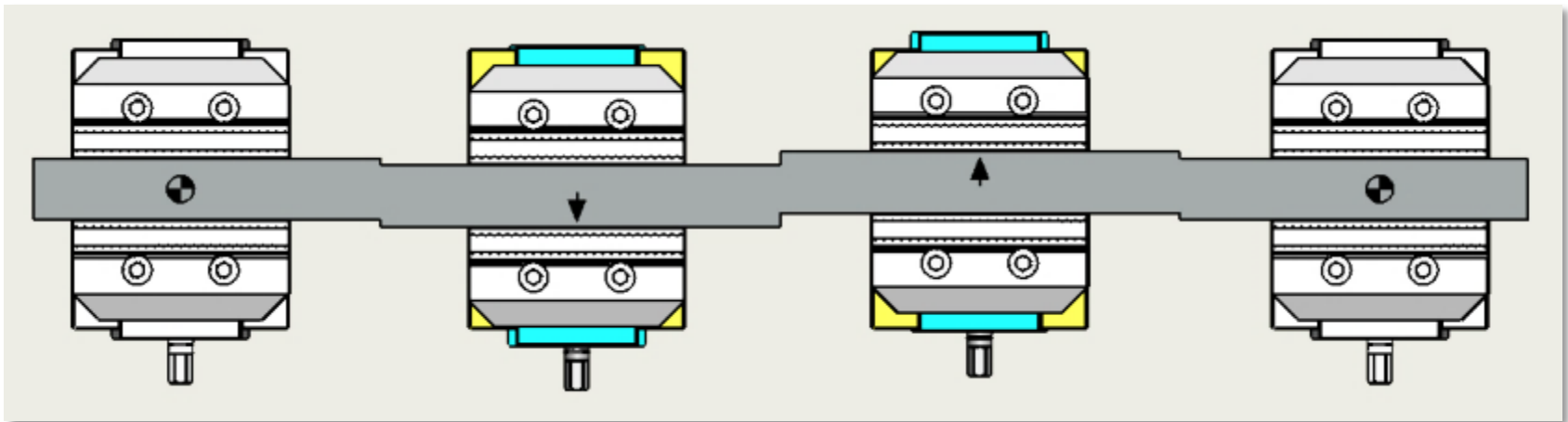
① Floating bearing

KONTEC KSC

The Principle

If a long workpiece should be clamped by more than two clamping vices the workpiece is becoming fixed and positioned by the two external vices. The vices in between are to fit the workpiece an position.

- No deformation
- Balancing of oddness and misalignments



KONTEC KSC

Functionality

The slide unit in non clamping position is positioned in the center by compression springs.

→ Variable clamping of workpieces

Deforming of the slide unit in the base body by clamping force.

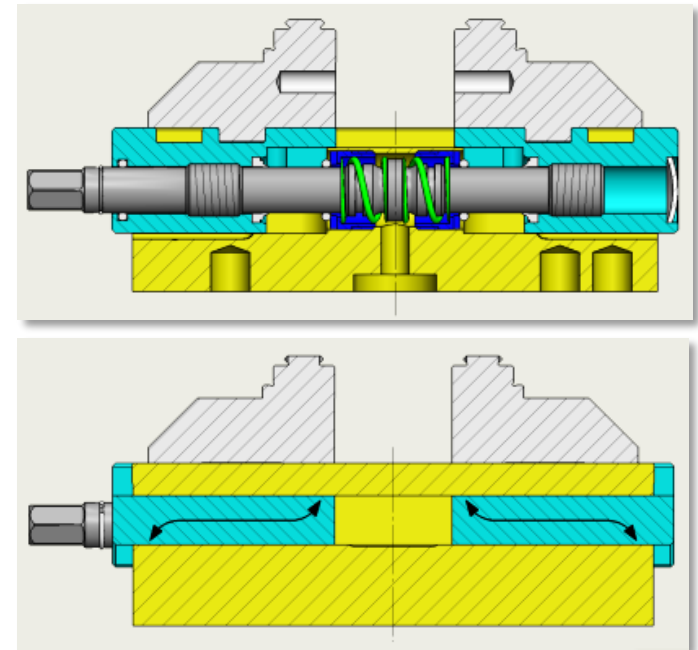
→ Blocked to get out of position.

Blocking depends on:

- Clamping force
- Clamping depth
- Frictional capacity (greasing)

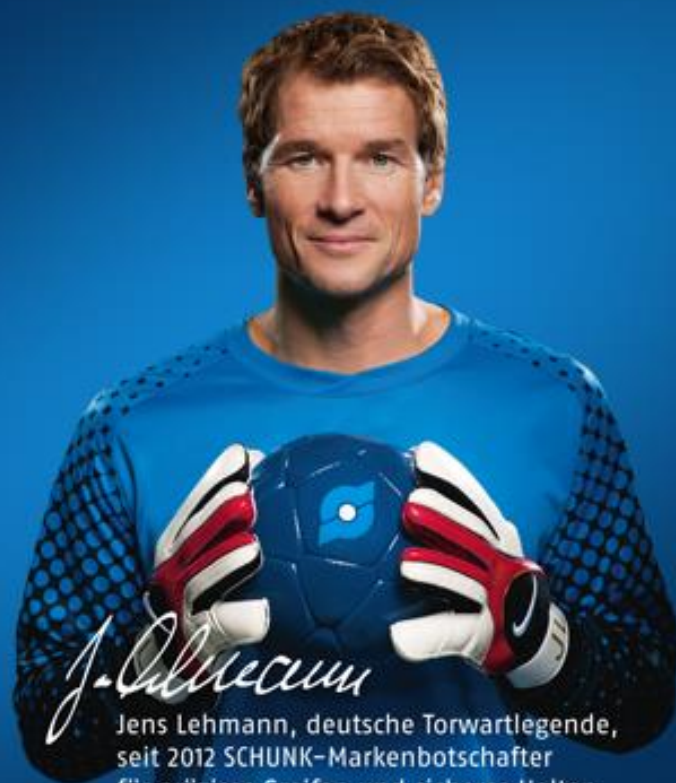
Definition of degree of blocking is rarely possible.

→ The higher the clamping force and clamping depth, the higher the blocking to get out of position.



Superior Clamping and Gripping

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J. Lehmann

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