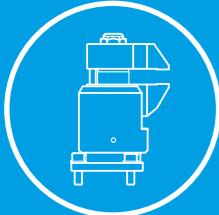


AND SENSITIVE?



COMPACT VERSION. ESSENTIAL FOR DISTORTION-FREE CLAMPING.

A big plus is the distortion-free clamping of raw materials. Especially the compact version with reduced height supports.

Supporting and bedding elements complete the range of topics.

HALDER

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MADE IN
GERMANY.

HALDER

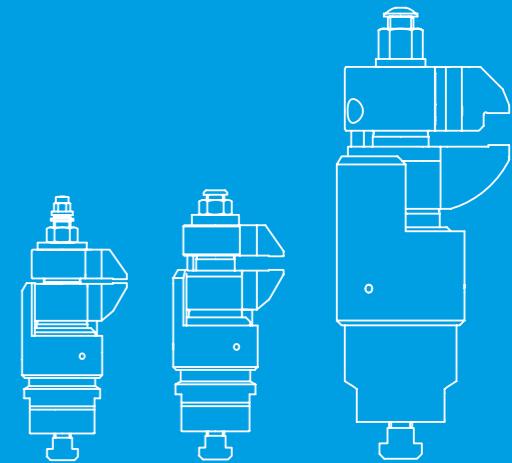
FLOATING CLAMPS



www.halder.com

COMPLICATED... NO PROBLEM.

FOR EVERY WORKPIECE THE
CORRESPONDING CLAMPING
ELEMENT.



THE FLOATING CLAMPS OF HALDER.

The floating clamps are used to clamp and support overdetermined or additional clamping points on components. The floating clamp is spring loaded and contacts the workpiece with a slight spring force. Thereby a low-warpage clamping of components is guaranteed. Even sophisticated workpieces can be clamped for reinforcement to beads, ribs and shackles. This inhibits vibrations during processing.

COMBINED CLAMPING AND LOCKING

Floating Clamps • M 12, compact construction

EH 23320.



- compact version with reduced height
- supporting force 8 kN

Floating Clamps • M 12

EH 23320.



- supporting force 8 kN

Floating Clamps • M 16

EH 23320.



- especially suitable for large workpieces
- supporting force 25 kN

ADVANTAGES of combined clamping and locking:

- for robust or large components
- during the clamping process, the workpiece is clamped and simultaneously supported
- the clamping process is carried out with only one nut

SEPARATE CLAMPING AND LOCKING

Floating Clamps • M 12, compact construction

EH 23320.



- compact version with reduced height
- supporting force 8 kN

Floating Clamps • M 12

EH 23320.



- supporting force 8 kN

ADVANTAGES of separate clamping and locking:

- for unstable and extremely pliable components
- the clamping and supporting force can each be determined individually – first the jaws clamp the workpiece in the floating mode, then the clamp is locked and the workpiece is fixed

CLAMPING JAWS

Clamping Jaws • M 12, for floating clamp

EH 23320.



- larger clamping zone can be achieved
- quickly and easily exchangeable
- in the upper clamping jaw with female thread different standard parts can be screwed in as required
- the lower clamping jaw with pivot function adapts to the draughts of the workpiece

Standard Clamping Jaws • M 12, for floating clamp

EH 23320.



- spare part of the included jaws
- quickly and easily exchangeable

Clamping Jaws • M 16, for floating clamp

EH 23320.



- larger clamping zone can be achieved
- quickly and easily exchangeable

FURTHER PRODUCTS

Supporting Element

EH 23220.



The support element is used to support additional clamping points on components.

The supporting height can be adjusted by screwing threaded pins or supports into the female thread of the support bolt.

ADVANTAGES

of the supporting element:

- provides additional support without distortion
- helps to eliminate tool vibration
- supports ribs, beads and shackles to reinforce clamped components
- distortion-free support of raw parts

Bedding Support

EH 23220.



The bedding support is used to support additional clamping points on components.

The supporting height can be adjusted by screwing threaded pins or supports into the female thread of the support bolt.

ADVANTAGES

of the bedding support:

- provides additional support without distortion
- helps to eliminate tool vibration
- compact, low construction
- supports ribs, beads and shackles to reinforce clamped components
- distortion-free support of raw parts
- easy handling - clamping outside of workpiece is also possible by means of adjustable clamping levers



[www.halder.com/
floatingclamps-video](http://www.halder.com/floatingclamps-video)