BFS -System

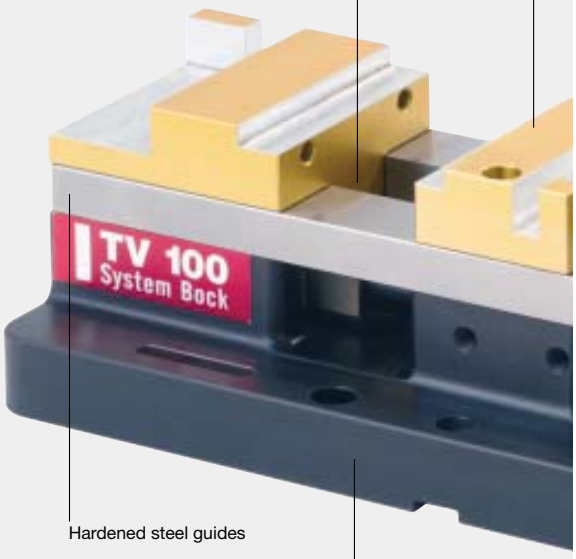
Standard device
BFS, mechanically operated

This is the device we offer for clamping workpieces with complex clamping and contact contours. In many cases, expensive special clamping fixtures are no longer required. Instead of a complete new fixture just a new set of jaws may be used!

The aluminium jaws can be completely milled out to suit the required workpiece contour. This gives the fastest jaw change without a screwed connection! The aluminium base with hardened steel guides results in a low dead weight. The third hand function ensures consecutive safe loading and unloading of workpieces.

For use by contract workers, tool and mould makers as well as for mass production.

Jaw change in a few seconds without the need for additional tools or pins. Downthrust effect in the movable jaws.



After removal of the central jaw, the system can be retrofitted with a stop plate (for accessories, see below) to cope with large clamping ranges

3rd hand function for consecutive loading and unloading of workpieces

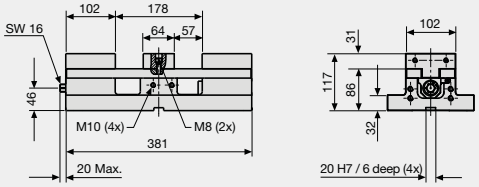
Hardened steel guides

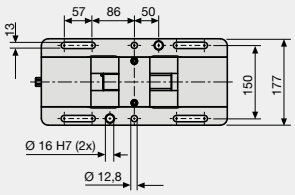
Base made from aluminium, hard anodized

Standard device
TV 100 S.G.

Supplied including a set of jaws

Jaw width	100 mm
Weight	14 kg
Part no.	**9.3452.0101**





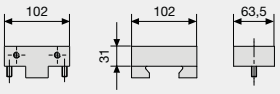
Stop plate TV 100

Required for retrofitting the device to cope with large clamping ranges

Part no. 9.3452.6101

Single set of jaws

for type TV/MQS 100
Part no. 9.3452.5101



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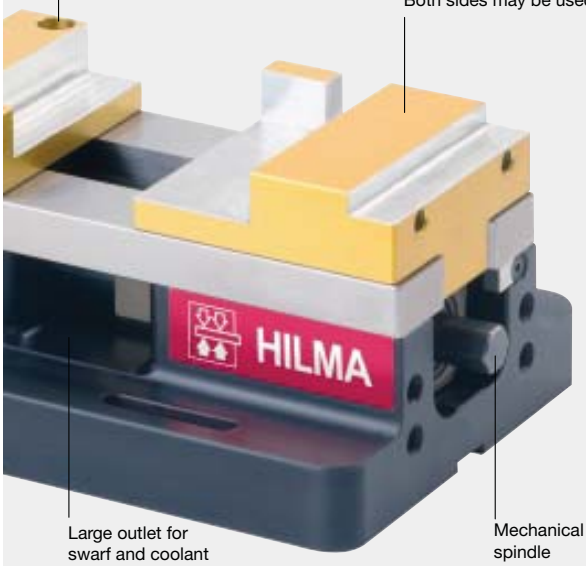


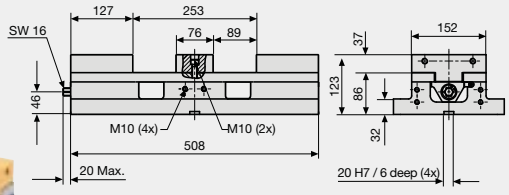
The clamping system consists of just a few clearly arranged components. This means: rapid dismantling and minimum maintenance work.

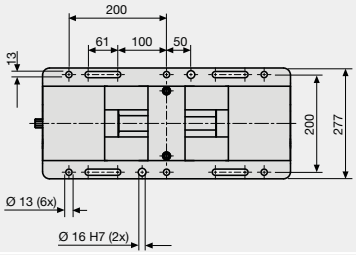
Easy preparation for clamping, stop and contact surfaces in aluminium jaws which can be completely milled out.

Fully encapsulated spindle for trouble-free operation. Power transmission is through an inserted steel nut. Large stroke of the slide.

Standard device
TV 150 S.G.

Supplied including a set of jaws





Jaw width	150 mm
Weight	30 kg
Part no.	**9.3454.0101**

Stop plate TV 150

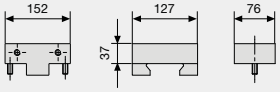
Required for retrofitting the device to cope with large clamping ranges

Part no. 9.3454.6101

Single set of jaws

for type TV/MQS 150

Part no. 9.3454.5101



BFS -System

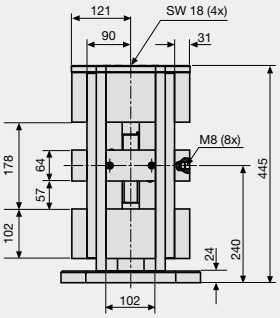
MQS 100.8

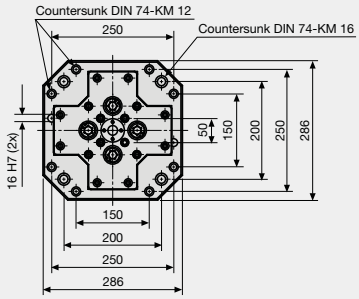
MQS 150.8

Tower clamping system MQS 100.8

Standard version with 4 x 2 clamping points for fastening to horizontal machining centres or reversible clamping devices, including sets of jaws

Jaw width	100 mm
Type	MQS 100.8
Weight	45 kg
Part no.	**9.3462.0401**

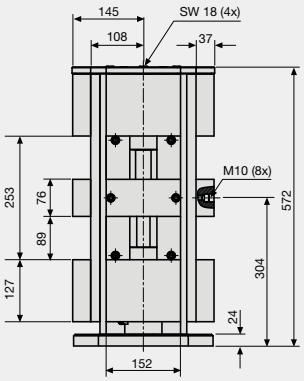


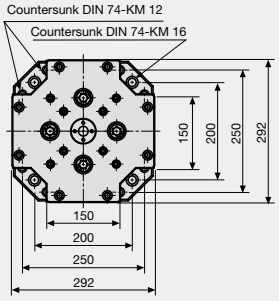


Tower clamping system MQS 150.8

Standard version with 4 x 2 clamping points for fastening to horizontal machining centres or reversible clamping devices, including sets of jaws

Jaw width	150 mm
Type	MQS 150.8
Weight	91 kg
Part no.	**9.3464.0401**





Other tower clamping systems:

Triple tower clamping system
For accommodating 6 workpieces. This particular arrangement enables three-side machining with adequate space for the tools.

Hexagon tower clamping system
For accommodating 12 workpieces. This particular arrangement enables three-side machining to a limited extent. Increase in the machine running time and a reduction in the number of tool changes to an economic minimum.

Reversible clamping device
Machine-specific equipment, e.g. in combination with a reversible clamping device (4th axis). High operating efficiency, high degree of precision achieved by three-side workpiece machining, e.g. on vertical machining centres.