

Hydro-clamping element

Play-free connection between tool and machine



As the interface between tool and machine, clamping systems play a decisive role in all machining processes. Inaccurate clamping systems can quickly lead to an unacceptable machining quality.

With Leitz Hydro-clamping elements, tools can be mounted on the spindle centred and completely play-free. As a consequence, perfect machining results and longer tool life is possible with the high concentricity and balancing quality.

YOUR BENEFITS

- Perfect machining results
- Longer tool life
- Easy handling

AT A GLANCE

- Easy handling of the hydro clamping
- Closed hydraulic system
- Maintenance-free clamping mechanism
- Suitable for high-precision spindles with diameters 30 or 40 mm (edgebanding machines, profile routers, double-end tenoners, etc.)
- Available from stock



0 μm

CLEARANCE
BETWEEN
INTERFACE
AND SPINDLE

+30%

LONGER LIFETIME
IN COMPARISON TO
CONVENTIONAL
CLAMPING WITHOUT
HYDRO TECHNOLOGY

2500 times

CLAMPING WITHOUT
LOSS OF ACCURACY
AND WITHOUT
MAINTENANCE

Your benefits due to ...



QUALITY

Running metre by running metre perfect machining quality

- Excellent product quality through maximum running accuracy and balancing quality
- Consistently high machining quality through long-lasting hydro system without loss of accuracy



EFFICIENCY & PRODUCTIVITY

Higher performance and less rework

- Longer tool life through maximum tool clamping accuracy
- Less scrap and rework thanks to perfect machining quality



SUSTAINABILITY

Long-lasting and resource-friendly

- Protection of the machine spindle and bearings through optimal balancing quality
- Long-lasting, maintenance-free and closed hydro clamping system
- Clamping system for multiple use, same unit can be used with the replacement Leitz tools

Hydro-clamping
element:
a must for maximum
product quality!



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