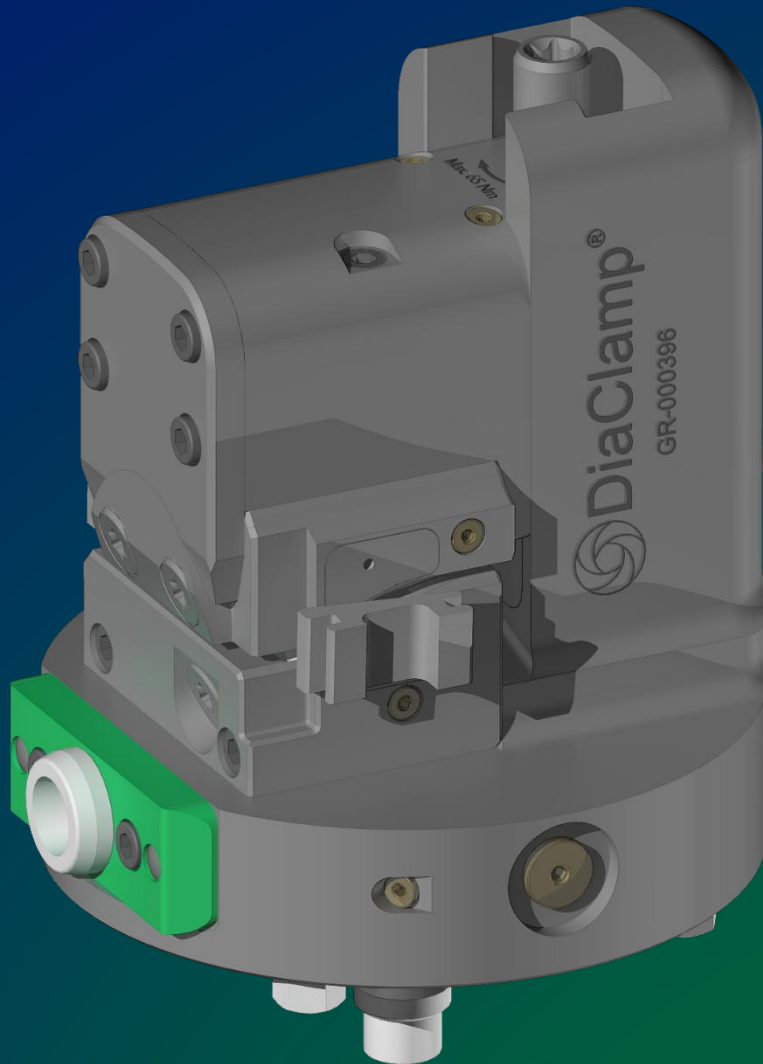




DiaClamp®

Workpiece clamping technology

Handout 2026

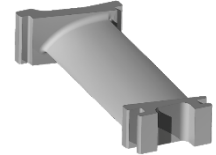


For workpieces that demand more than standard

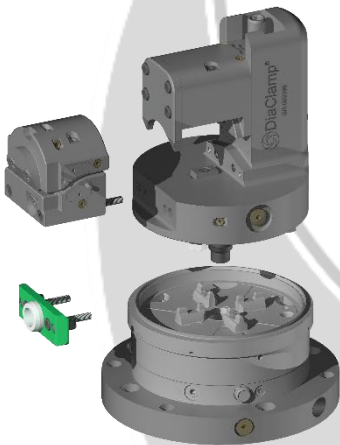
We clamp where classic solutions reach their limits. Fast, safe and with absolute precision.

Used in demanding industries: aerospace, optical industry, medical technology, energy generation and humanoid robotics.

- Maximum freedom in workpiece geometry
- Repeatable accuracy for medium to large batch sizes
- Drastically reduced setup times
- Compliance with tight form and position tolerances
- Designed for demanding machining



Diaphragm disc pack



DiaClamp®, precision that adapts. Performance that convinces.

The patented diaphragm disc pack from DiaClamp® opens up new possibilities in clamping technology for parts that are far from standard.

- Clamping capable even for complex free-form surfaces
- Automatically adapts to the workpiece geometry
- Repeatable accuracy with automated robot loading
- Measurement access in the clamped state
- Safe, gentle and absolutely process-stable

Interchangeable cassettes

The interchangeable cassettes from DiaClamp® make your production flexible.

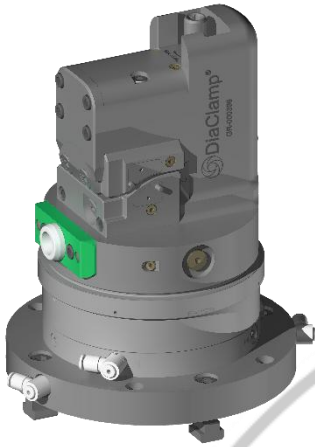
The interchangeable cassettes from DiaClamp® enable quick changeovers, highest precision and a completely new flexibility in serial and high-end manufacturing.

- Fast, precise loading without time loss
- Compatible with the patented diaphragm disc pack
- Exact stop point for precise workpiece positioning
- Retractable roof support for vibration-free machining
- Integrated air channels for clean clamping surfaces





The foundation for precision



DiaClamp® stability that inspires confidence.

The robust base construction of DiaClamp® forms the basis for highest machining quality – precise, repeatable and developed for industrial requirements.

- Clamping with only on movement, intuitive and efficient.
- Thanks to interchangeable cassettes usable for multiple blade types
- Closed design and powerful spindle drive
- Integration of the robotic gripper interface
- Minimal disturbance contours for maximum freedom of machining

Precise zero-point clamping systems

Maximum interchangeability precision for DiaClamp®.

By integrating established zero-point clamping systems, DiaClamp® achieves the highest interchange accuracy, short setup times and maximum process stability. Ideal for demanding high-precision machining.

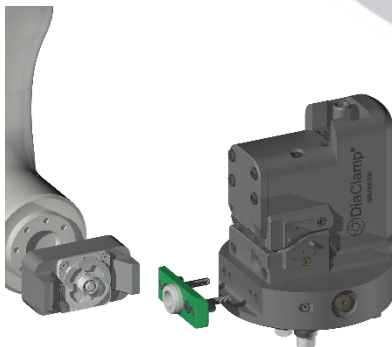
- Precise insertion of DiaClamp® into the machining centre using existing production industry chucks
- Vibration-free machining and the highest surface quality
- Reliable and repeatable handling of DiaClamp®
- Multiple clamping units for maximum efficiency
- Automatically coupled air lines for DiaClamp® functions



Workpiece loading

Efficiency that never sleeps.

With automated loading, DiaClamp® becomes a productive key function for 24/7 production – precise, reliable and completely staff-independent.



- Robots load workpieces 24/7 without personnel
- Automated changeover of DiaClamp® without interruption
- Fully automatic, process-safe clamping
- Maximum operational safety according to MVO 2023/1230

DiaClamp® Your advantages:

- More output through drastically reduced setup times
- Exact positioning and high repeatability
- Process and quality security at high-tech industry level
- Efficiency increase for more value creation
- 24/7 Production with minimal personnel effort
- Maximum machine utilization for full production
- Sustainably reduced production costs

Thanks DiaClamp® your production becomes more efficient and economical, Today and in the future.



Learn out more at www.diaclamp.ch

Patent notice

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DiaClamp® 12 / 2025 1

