

PRODUCT OVERVIEW



INNOVATION TECHNOLOGY PRECISION QUALITY

RÖHM

RÖHM has been producing clamping, gripping and handling technology for more than 110 years. Many large machine and manufacturing plants worldwide list us as a standard supplier for drill and lathe chucks, centers, robot gripping technology or clamping systems. Our products are known for their exceptional combination of robustness, precision and intelligent force and motion control. Take advantage of our expertise for your individual clamping, gripping and handling technology.



Innovation, technology, precision and quality make us a reliable partner worldwide for all matters relating to clamping technology. We prove this every day by delivering premium clamping technology to our customers.



RÖHM has the right answer for all clamping problems, both in work holding and tool clamping. For the production of products to the highest standards, all requirements are met from customer consultation, design and production through to services. In the industry, RÖHM is regarded as a company that plays a key role in market development with its advanced products.

Our expertise makes you successful.

Innovation	Röhm stands for innovation in clamping technology. The jaws with integrated sensors iJaw is the latest milestone in the industry: Clamping force measurement during machining.
Technology	The expertise from application knowledge and design know-how results in highly efficient clamping devices. Also for your individual application.
Precision	Centres with a runout of less than 1µ are just one example of the precisely functioning clamping devices. Precise concentricity and repeat clamping accuracy, for example, allow you to transfer the precision of the clamping device to your workpiece.
Quality	Manufactured for continuous use, durable and long-lasting. Many years pass before a Röhm chuck needs to be replaced, during which time you are producing parts at optimum cost and with high quality results.

OUR LATEST ADDITION

THE iJaw



In the category
"Industry 4.0
individual solutions"



The best
clamping
devise 2022.
Our iJaw.



iJaw – clamping force measurement during machining

The iJaw is the world's first sensor-integrated jaw for clamping workpieces using manual or power-operated chucks.

With the help of the iJaw, you are now able to:

visualize the clamping forces applied to the workpiece during machining,

increase machine availability and reduce set-up and cycle times,

reduce part costs,

record integrated quality assurance,

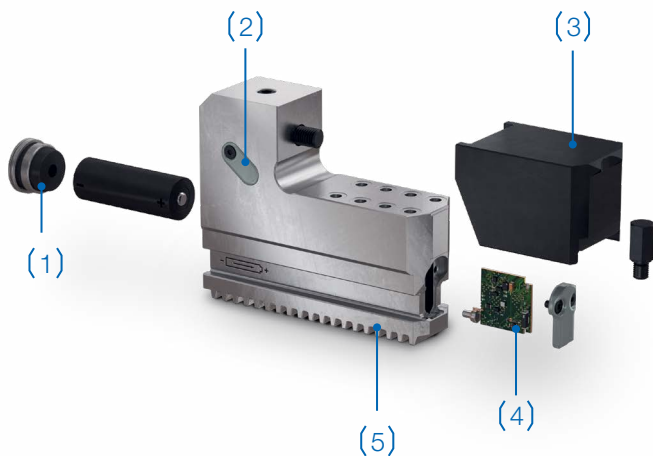
ensure more safety in the machining process.

We offer the iJaw in two versions:

The OEM solution is aimed at machine OEMs and can be seamlessly integrated into the PLCs of the machine tool. The data provided by the iJaw is displayed directly on the HMI screen in real time.

The retrofit solution is suitable for all existing milling and turning machines. With this variant, the measurement data is sent to a local PC or tablet and available to the machine operator in visual form.

Depending on your application, you can choose between single-stage, two-stage or through-hole jaws in chuck sizes 215, 260, 315 and 400mm.



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- (1) Waterproof sealing cap (in acc. with IP68) Lithium-ion battery behind it.
 - (2) Sensor
 - (3) Clamping insert with mounting screw
 - (4) IO-Link Wireless Interface with antenna, or balancing weights for fine balancing
 - (5) Console jaw with straight tooting.

More information on the iJaw on the product page:

roehm.biz/ijaw





1

DRILL CHUCKS

Perfectly adapted with intelligent design.
The durable and precise specialists for the toughest jobs.

Quick-release drill chuck
industrial applications



Quick-release drill chuck



Key-type drill chuck





2

CENTRE POINTS FACE DRIVERS

Powerful, extremely resilient and durable.
And also top marks when it comes to machining precision and accuracy.

Live centres	Revolving centring tapers	Solid centres	Face drivers
			
			



3

LATHE CHUCKS INDEPENDENT CHUCKS

Renowned performance and accuracy when clamping force is a top priority.
Reliable, strong grip even with large diameters and heavy workpieces.

Key bar chucks with quick change jaw system



Geared scroll chucks



Independent chucks



F-SENSO 2
Clamp force testing



Jaws and top tooling





4 VISES

There is no escape here. Even the heaviest parts are clamped precisely and fixed securely.

<p>NC-Compact vises</p>	<p>NC-Compact twin vises</p>	<p>NC-Compact centering vises</p>	<p>5-axis eccentric vises</p>
			
<p>Drill vises</p>	<p>Grinding and measurement vises</p>	<p>Vises jaws</p>	<p>Zero-point clamping systems</p>
			



5 AUTOMATION TECHNOLOGY

The impressively flexible solutions for swift and dynamic clamping. Powerful, high-precision and therefore absolutely spot on target.

2-jaw parallel grippers



3-jaw centric grippers



2-jaw long-stroke grippers



Swivel units



Synthetic grippers



Sealed parallel grippers



Compact long-stroke grippers








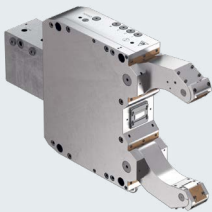

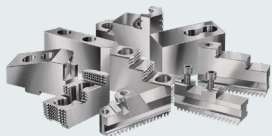
Application-specific grippers





6 POWER CHUCKS CYLINDERS/STEADY RESTS

Quick acting, high clamping forces for automation applications.
Continuous reliable clamping force even at higher RPM.

<p>Premium power chuck with large through-hole</p>	<p>Power chucks with through-hole and quick-change jaw system</p>	<p>Air-operated self-contained chucks</p>	<p>Application specific power chucks</p>
			
<p>Cylinders with and without through-hole</p>	<p>Self-centering steady rests</p>	<p>Stationary power chuck devices</p>	<p>Jaws and Top tooling</p>
			



7 MANDRELS COLLET CHUCKS

With enormous forces that come from inside and outside.
Also ideally suited for sensitive, particularly thin-walled workpieces.

Cartridge mandrels



Application-specific solutions for internal clamping



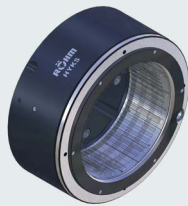
Collet chucks and CAPTIS clamping system



Segment clamping mandrels



Application-specific solutions for external clamping





8

TOOL CLAMPING SYSTEMS

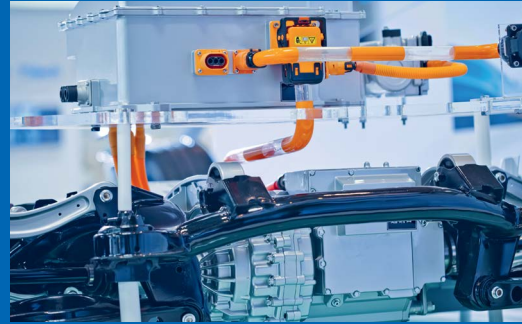
Outstanding performance and reliability thanks to customized design. Perfect form and function for the best possible transmission of high clamping forces.

<p>Automatic clamping systems for HSK</p>	<p>Springless clamping system SUPER-LOCK</p>	<p>Manual clamping sets for HSK</p>	<p>Automatic clamping systems for SK</p>
			
<p>F-SENSO 2 Pull-in force testing</p>	<p>Lubritool lubrication tools</p>	<p>Built-in clamping head RESK</p>	<p>Pallet Clamping heads SPK</p>
			

INDIVIDUAL SOLUTIONS ALSO FOR YOUR INDUSTRY



INDUSTRIAL



AUTOMOTIVE



RAIL



AEROSPACE



MECHANICAL ENGINEERING



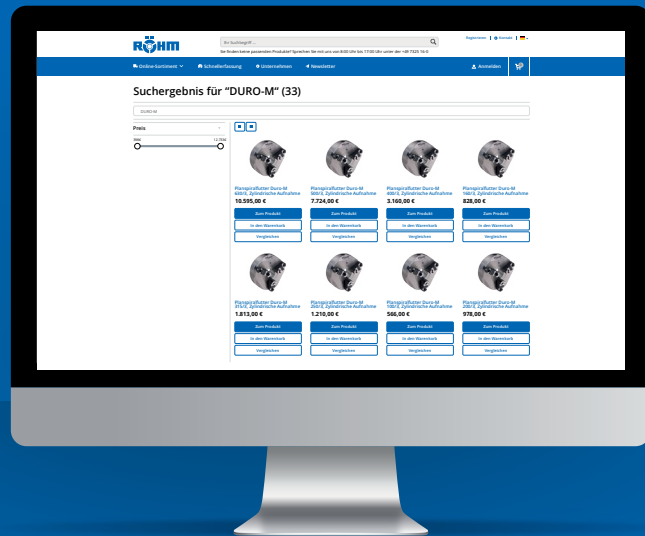
AUTOMATION



MICROELECTRONICS



ENERGY



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