

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 solutions 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 including jaws with integrated sensors. The 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	Centers with a runout of less than 1µ are just one example of the precisely functioning clamping devices. Exact concentricity and repeat clamping accuracy 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
device 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,

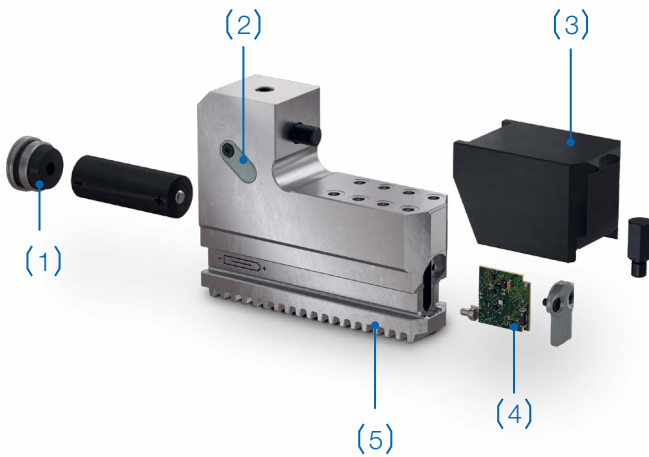
ensure more safety in the machining process.

We offer the iJaw in two versions:

The OEM solution is targeted at machine OEMs and can be seamlessly integrated into 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 machine tools. With this set up, the measurement data is sent to a local PC or tablet and available to the machine operator graphically.

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



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- (1) Waterproof sealing cap (rated to 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) Monoblock jaw with straight serration.

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 chucks
industrial applications



Quick-release drill chucks



Key-type drill chucks





2

CENTER POINTS FACE DRIVERS

Powerful, extremely resilient and durable.
Providing the best results when it comes to machining precision and accuracy



Live centers	Revolving centering tapers	Dead centers	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.

<p>Key bar chucks with quick change jaw system</p>	<p>Scroll chucks</p>	<p>Independent chucks</p>	<p>F-SENSO 2 Clamping force testing</p>
			
		<p>Jaws and Top Tooling</p>	
			



4 VISES

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

NC-Compact vises



NC-Compact twin vises



NC-Compact centering vises



5-axis eccentric vises



Drill vises



Grinding and measurement vise



Vise jaws



Zero-point clamping systems





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



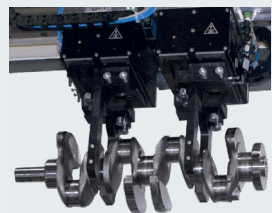
Sealed parallel grippers



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.

Premium power chuck with large through-hole



Power chucks with through-hole and quick-change jaw system



Power chucks with integrated cylinders



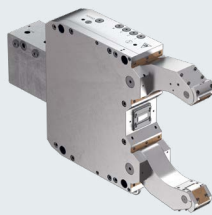
Application specific power chucks



Cylinders with and without through-holes



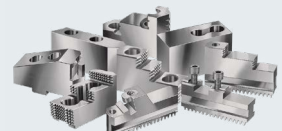
Self-centering steady rests



Stationary power chuck devices



Jaws and Top Tooling





7 MANDRELS COLLET CHUCKS

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

Cartridge mandrels



Application-specific solutions for internal clamping



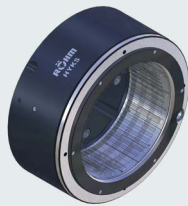
Collet chucks and CAPTIS clamping system



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.

Automatic clamping systems for HSK



Springless clamping system SUPER-LOCK



Manual clamping sets for HSK



Automatic clamping systems for SK



F-SENSO 2
Pull-in force testing



Lubritool
lubrication tools for HSK



Built-in clamping head
RESK



Pallet Clamping heads
SPK



INDIVIDUAL SOLUTIONS ALSO FOR YOUR INDUSTRY



INDUSTRIAL



AUTOMOTIVE



RAIL



AEROSPACE



MECHANICAL ENGINEERING



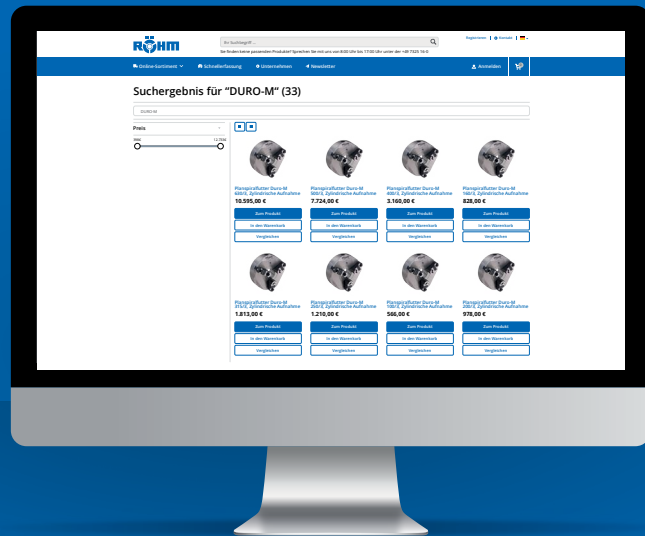
AUTOMATION



MICROELECTRONICS



ENERGY



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