OUR LATEST ADDITION

THE iJaw



ALLIANZ Industrie 4.0 Award 2023 BADEN-WÜRTTEMBERG | WINNER

In the category **"Industry 4.0 individual solutions"**

BEST OF INDUSTRY AWARD

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:

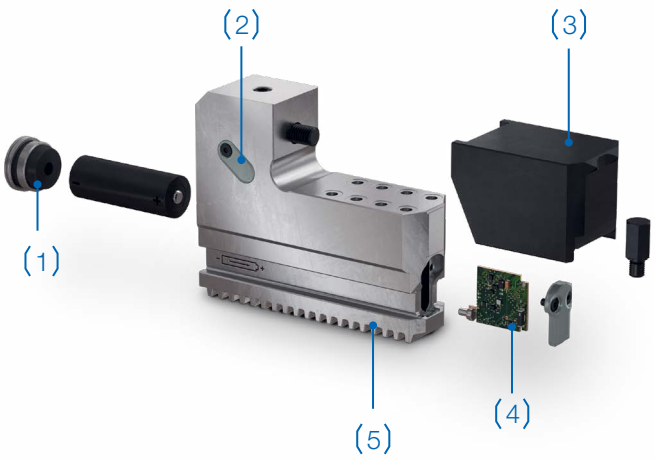
- visualize the clamping forces applied to the workpiece during machining,
- increase machine availability and reduce set-up and cycle times,
- reduce part costs,
- record integrated quality assurance,
- ensure more safety in the machining process.

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 400 mm.



(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