

Customer-specific Reglus solutions

Example 1: **Multi-axis measuring platform for large forces, for determining spring characteristics on spring systems for rail vehicles**

A multi-axis measuring platform represents a typical example of customer-specific Reglus solutions. It enables the forces and moments of all six degrees of freedom to be measured and evaluated without reciprocal influencing.

Maximalbereiche:	Fx: +/- 20 kN	Mx: +/- 5000 Nm
	Fy: +/- 20 kN	My: +/- 5000 Nm
	Fz: +/- 200 kN	Mz: +/- 2000 Nm

Example 2: **Quality testing during production of inking ribbons**

Reglus has developed a special measuring instrument for measuring extraction forces and torques during the transfer of inking ribbons. The measuring data is prepared by a microprocessor at the testing station and the results are relayed to a central computer via an RS 232 interface.

Thanks to our know-how in connection with the measurement of forces and our in-house developments, we can also offer you economical solutions for optimizing quality and production. But why not put us to the test?



High-quality Reglus modules on Euro plug-in cards form the basis of customer-specific measuring systems.

Reglus AG was established in 1965 and succeeded the Ad. Sulger, Dipl. Ing. ETH engineering company, founded in 1938. The company can look back on over 60 years in business.

The Company's current activities cover the development and world-wide marketing of precision engineering marking products, tensile and compressive-force transducers, weighing cells, together with their associated electronics.

All the critical parts are made either in-house or by specially selected sub-contractors to Reglus specifications.

Ask for detailed information or a quotation.

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Reglus angle indicator/clinometer

for a wide range of uses in workshop, construction, maintenance, servicing, assembly, hobby, DIY, medicine, etc.

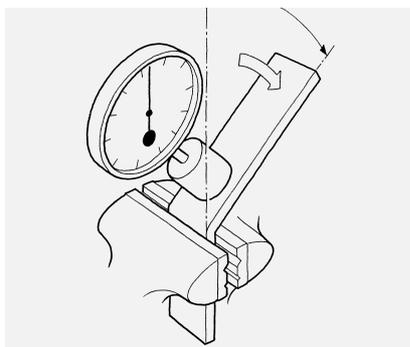
Can be used in virtually any situation where angles and angle differences need to be determined quickly and simply.



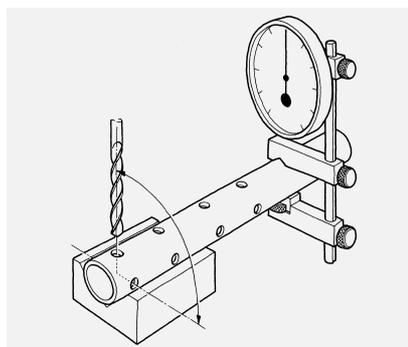
Features

- Angles measured in matter of seconds
- Amazingly simple
- Not sensitive to vibration, by virtue of oil-damped display
- Reliable
- Extensive range of accessories, e.g. various brackets, clamps, magnetic feet (special attachments on request)

Reglus angle measurement: suitable for measuring angles of +/- 180 degrees (measuring accuracy better than +/- 1/2 degree; accuracy of reading 1/4 degree), in relation to the vertical or horizontal.



Example of Reglus angle measurement: determining angle of bending plate.



Example of Reglus angle measurement: simple setting of drilled holes.

Reglus drilling jig system

high precision, for cylindrical, polygonal, rectangular, square, spherical or flat workpieces, as well as for series of holes or eccentric holes, (drilling range: \varnothing 0.2 to 22.0 mm).

Many complex drilling tasks, such as holes through the centre of shafts, can be solved with the Reglus drilling jig more easily, more quickly and just as accurately as on an NC centre. For the resourceful mechanical engineer, a Reglus drilling jig is still irreplaceable, even in the age of CNC machining.



Reglus drilling jig system with versatile accessories.



Reglus drilling jig in use: special drill bushes facilitate the drilling of security holes in hexagonal material.

Features

- Short set-up time for all drilling tasks
- Drill bushes every 0.05 mm up to \varnothing 13.0 mm (every 0.25 mm up to \varnothing 22.0 mm)
- Suitable for one-off pieces and short runs
- No expensive special equipment, i.e. less work, less expenditure on material and savings on storage space
- No time-consuming marking-out or centre-punching
- Constant high precision
- Suitable for all kinds of workshop
- Suitable for experimental workshops in the fields of training, development, research, etc.

Reglus collet drill chuck (short clamping)

for a clamping range from \varnothing 0.2 to 5.0 mm



Reglus collet chuck with cylindrical shaft: slim construction guarantees accurate drilling even in a minimum of space.



The absolutely symmetrical Reglus double-cone collet generates a high parallel clamping force, and the cutting tool can be clamped directly onto the flutes (short clamping technique).

Features

- Fewer expensive drill breakages
- Problem-free use of even the finest drills
- High clamping force
- Improved surface quality
- Rapid drilling operation saves time
- Extremely small external diameter

Reglus electrode holder, rotatable

for EDM die-sinking systems, suitable for copper-tube electrodes with diameters from \varnothing 0.2 to 5.0 mm



Reglus electrode holder with external rotating flushing connection (Type 350.10 E with shaft \varnothing 10 mm).



Reglus electrode holder with 20-mm- \varnothing shaft with rotating flushing connection (Type 350.20.E) or with internal flushing channel, flushing via the spindle (Type 350.20.I).

Features

- Reduced spindle maintenance by virtue of external flushing connection
- Increased output by virtue of rotating electrode with flushing
- The symmetrical double-cone collets allow even but strong clamping of the thin-walled copper electrode tube
- Suitable for extremely fine work by virtue of extremely fine electrodes (from \varnothing 0.2 mm)
- Can be used in tight space-constraints
- Extremely simple assembly

