



HISWeld

by Hirscher Industriesysteme

**3D and 2D
welding and
clamping table systems**

Table systems

Hirscher Industriesysteme has been offering its own premium welding tables and accessories at affordable prices with the HISWeld brand since 2022.

With a great deal of expertise and commitment, we are constantly developing our product range and thus offer the perfect solution for a wide range of requirements. Our flexibility allows us to react quickly to market needs and customer requirements.

Our premium table systems are available with the hole diameter 16mm and 28mm hole system in various sizes and represent the standard for commercial and industrial use. All tables are hard chrome-plated and manufactured with a depth of production in terms of quality and workmanship that was previously only known from well known premium suppliers.

We can also offer you hexagon or octagon tables for extended product applications - such as in automated processes - for example in cobot applications or similar processes.

With our HISWeld welding and clamping tables, we offer a product portfolio that has developed into a valued and widely used range. In close cooperation with our specialised trade partners, who support our philosophy, our vision and our products from the HISWeld range in their region, we can develop a solution throughout Europe and are therefore also available to you personally.



Product features at a glance

- » To hundredths of a millimeter accurate drilling tolerances as well as milled surfaces (+/- 0.05mm)
- » Exact dimensional accuracy and fitting accuracy of the tools, hence compatible with comparable premium suppliers
- » 2-sided millimetre scaling for 2D and 3D table systems
- » Grid line surface: 100 x 100 mm (28mm system), 50 x 50 mm (16mm system)
- » Diagonal perforation in side panel for 3D table systems for 28mm models produced until March 2025
- » Side panel 28mm system: 200 mm with 3-row hole pattern with upper and lower 50 mm system rows as well as additional centre row in 100 mm grid - results in a significantly higher clamping possibility - **New for models produced from May 2025**
- » Side panel 16mm system: 100 mm with 2-row drilling pattern and 25 mm borehole spacing

Hard Chrome Plating Permanent protection for intensive use

Our special Cr75M+ hardening process represents a complex and high precision treatment of the surface. We put particular importance and time on this process in order to achieve the best possible result with the hard chrome plating on the surface finish. As a result, we can guarantee table systems with a very high degree of hardness, high wear resistance, high corrosion resistance and a perfect surface finish in terms of evenness.

The layer thickness and colour may vary, as this cannot be technically achieved in any other way, but this does not impair the quality.

- » Special non-stick effect against weld spatter thanks to surface sealing
- » Drilled holes and edges reworked
- » Excellent electrical conductivity for optimum welding results with the corresponding mass flow (recommended ground connector available as an accessory)





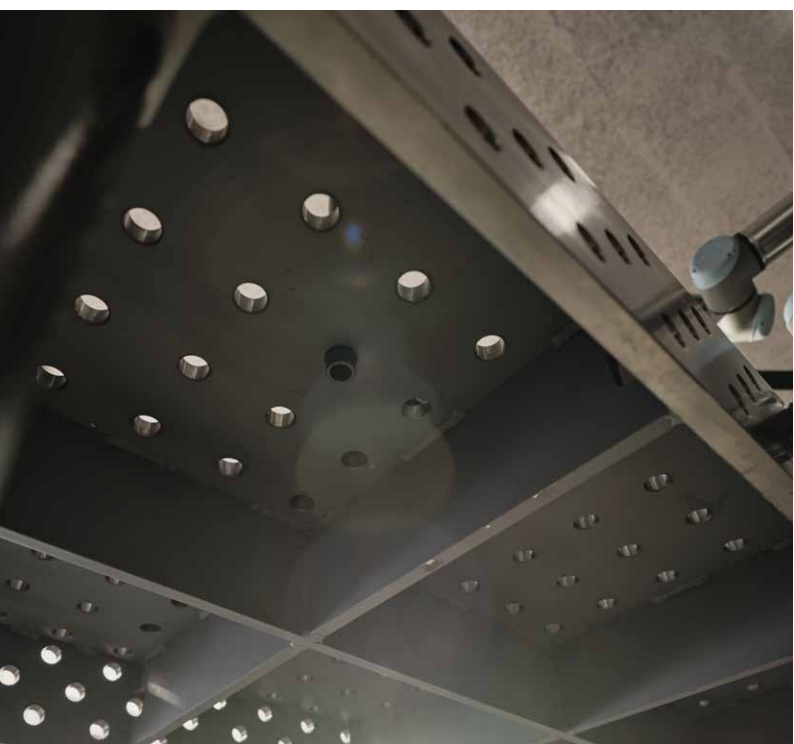
Non-Stick Effect

The main advantage of our tables compared to conventional systems is our hard chrome plating Cr75M+ because due to this process a much deeper penetration into the base material of up to 0.07 mm can be achieved and the hardness of the surface reaches up to 750HV. This also ensures optimal and long-lasting anti-spatter adhesion on the surface, which is among the most powerful on the market.

The series of pictures shows the quick and easy cleaning of our table systems thanks to the optimum protection of the hard chrome plating.

Design

- » Surface protection of the construction
- » Massive design and material strength maximizes load and rigidity
- » Substructure with ribbing for 3D table systems





28mm systems

3D welding and clamping tables

This model is the base for the entire system. It can be extended as desired to all five sides.

Our tables impress due to the high degree of hardness with our Cr75M+ hard chrome plating, the high degree of accuracy of +/- 0.05mm on the entire table surface and the tolerances of the hole diameter of the entire hole pattern.

Product description

- » S355J2+N with Cr75M+ hardness treatment
- » Hole diameter: 28 mm, material thickness: 25 mm
- » Including coated table substructure
- » Side panel 200 mm with diagonal perforation*, Table top with fine scaling on 2 sides and grid line 100x100 mm
- » Rounded edges and drill holes
- » Solid standard table legs with a load capacity of 2 tons per leg; 700 kg per leg for castor model

* New for models produced from May 2025: Side panel 28mm system 200 mm with 3-row hole pattern with upper and lower 50 mm system row as well as additional centre row in 100 mm grid - results in a significantly higher clamping possibility -

2D welding and clamping tables

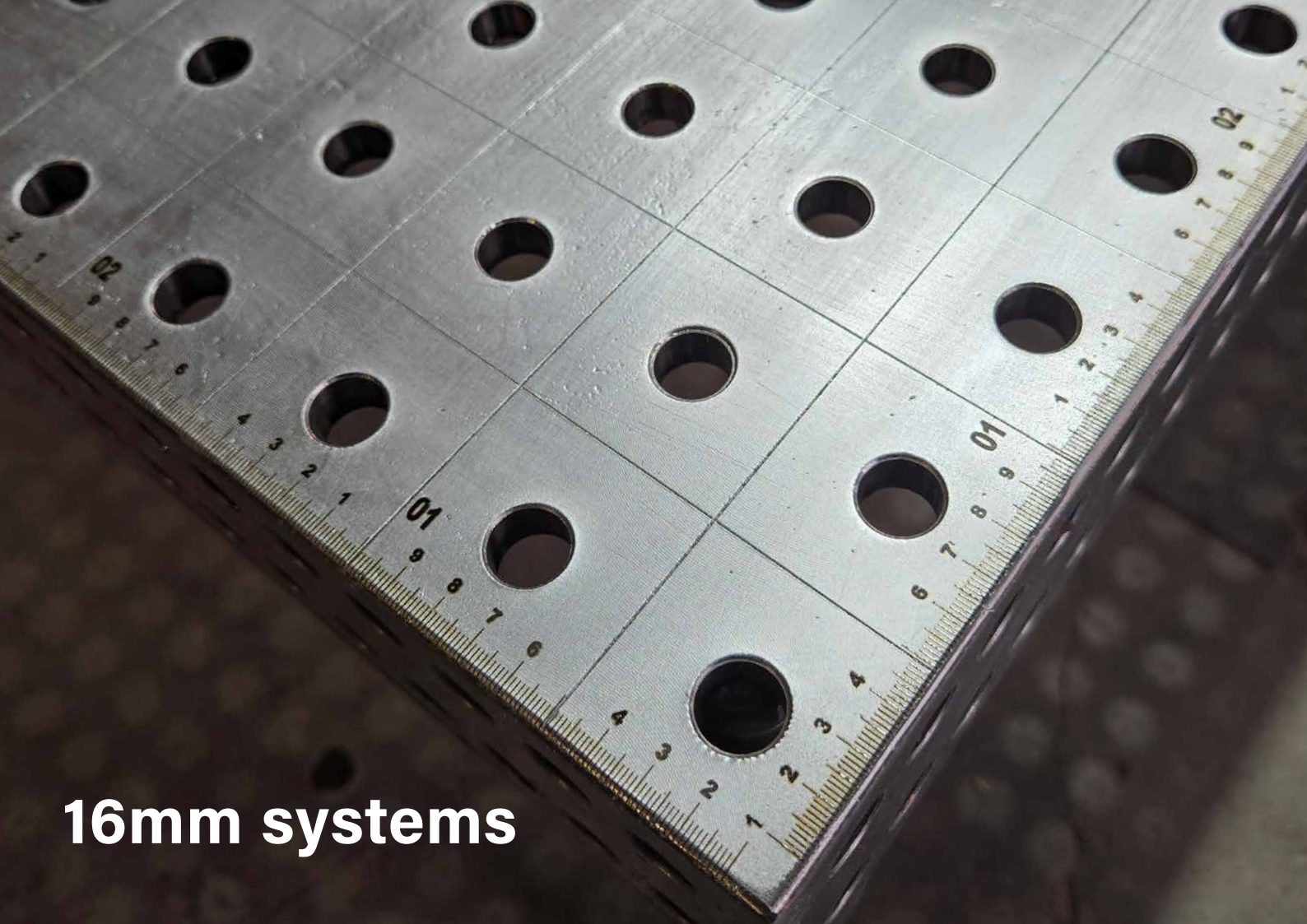
This model is the starting model and suitable for processing lighter and smaller components.

Our tables impress due to the high degree of hardness with our Cr75M+ hardening treatment, the very high degree of accuracy of +/- 0.05mm on the entire table surface and the tolerances of the hole diameter of the entire hole pattern.

Product description

- » S355J2+N with Cr75M+ hardness treatment
- » Hole diameter: 28 mm, material thickness: 25 mm
- » Table top with fine scaling on 2 sides and grid line 100x100 mm
- » Rounded edges and drill holes
- » Total load per m² with standard base: 500 kg





16mm systems

3D welding and clamping tables

This model is the base for the entire system. It can be extended as desired to all five sides.

Our tables impress due to the high degree of hardness with our Cr75M+ hard chrome plating, the high degree of accuracy of +/- 0.05mm on the entire table surface and the tolerances of the hole diameter of the entire hole pattern.

Product description

- » S355J2+N with Cr75M+ hardness treatment
- » Hole diameter: 16 mm, material thickness: 12 mm
- » Including coated table substructure
- » Side panel 100 mm with 2-row hole pattern with 25 mm hole spacing
- » Table top with fine scaling on 2 sides and grid line 50x50 mm
- » Rounded edges and holes
- » Solid standard table legs with load capacity of 1 tons per leg; 500 kg per leg for castor model

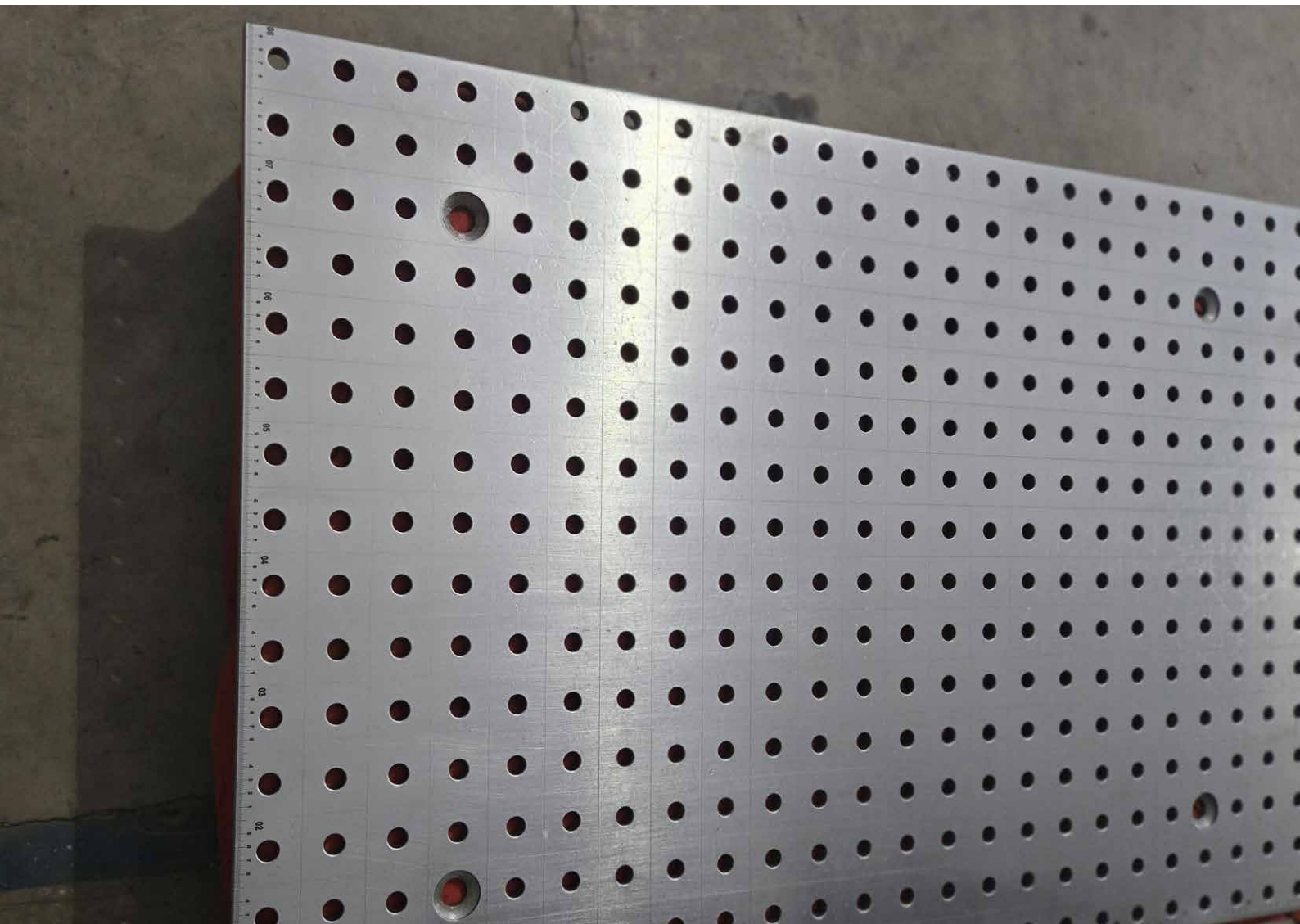
2D welding and clamping tables

This model is the starting model and suitable for processing lighter and smaller components.

Our tables impress due to the high degree of hardness with our Cr75M+ hardening treatment, the very high degree of accuracy of +/- 0.05mm on the entire table surface and the tolerances of the hole diameter of the entire hole pattern.

Product description

- » S355J2+N with Cr75M+ hardness treatment
- » Hole diameter: 16 mm, material thickness: 12 mm
- » Table top with fine scaling on 2 sides and grid line 50x50 mm
- » Rounded edges and drill holes
- » Total load per table with standard leg: 500 kg





Tool sets and accessories

Our programme is complemented by a wide range of tools and accessories for both table systems.

We offer starter, silver and gold sets for the 16mm and 28mm systems, which are suitable for the use of components of different weights and intensities, but also for the complexity of components.

The starter set for anyone who wants to work professionally and efficiently contains the most important tools as basic equipment.

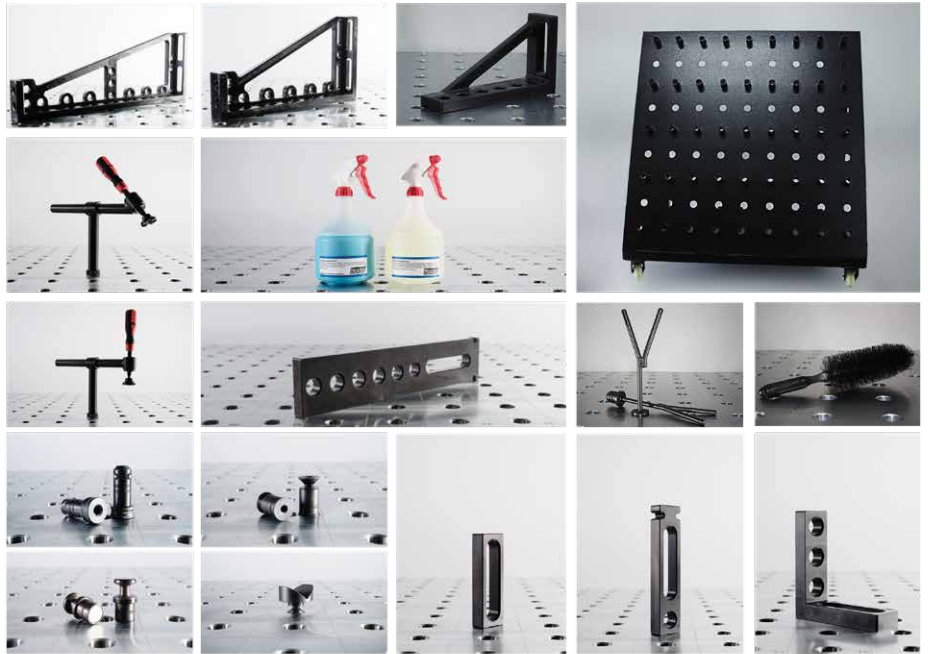
The extended entry and added value in the set configuration offers the right solution for the most common work steps and applications in daily and universal use. With an extensive range of clamps, brackets and clamping options as well as a tool trolley (Goldset for 28mm system), you are ideally equipped for an optimised and fast workflow.

In addition to the tool sets, we also offer our customers a large selection of tools and technical devices such as high-quality quick clamps, fast-lock clamps, prisms, angles and stops as well as various models of quick locking bolts and bolts, a wide range of accessories such as tool trolleys, ground connections or torch holders and our own care range for cleaning and long-term protection of our products, which can also be purchased individually.

Our range is supplemented in the modular system with corner connectors and u-bridges in various lengths as an extension option for your applications.

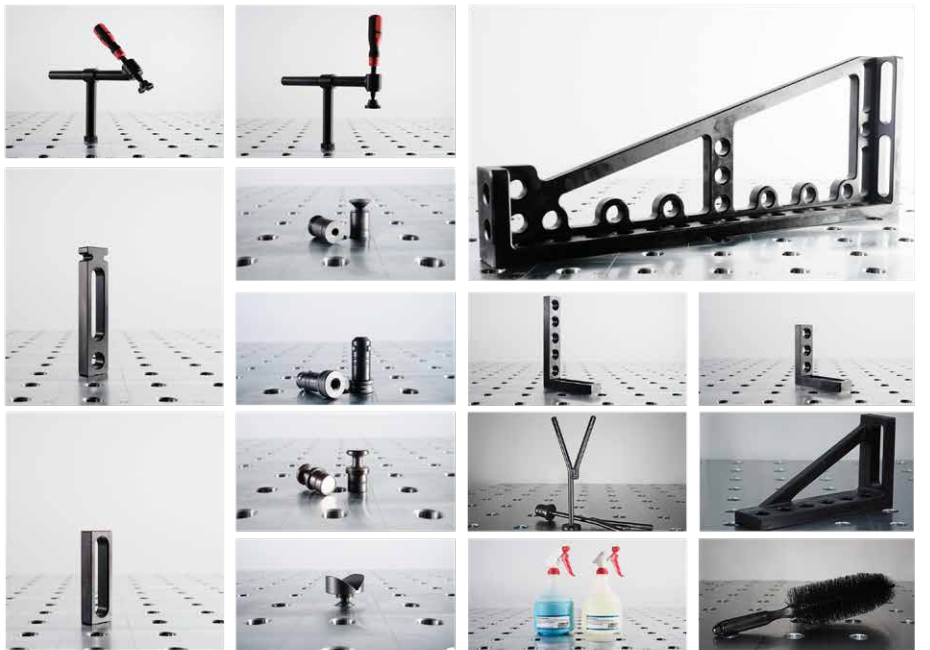
Gold Set*

28mm**



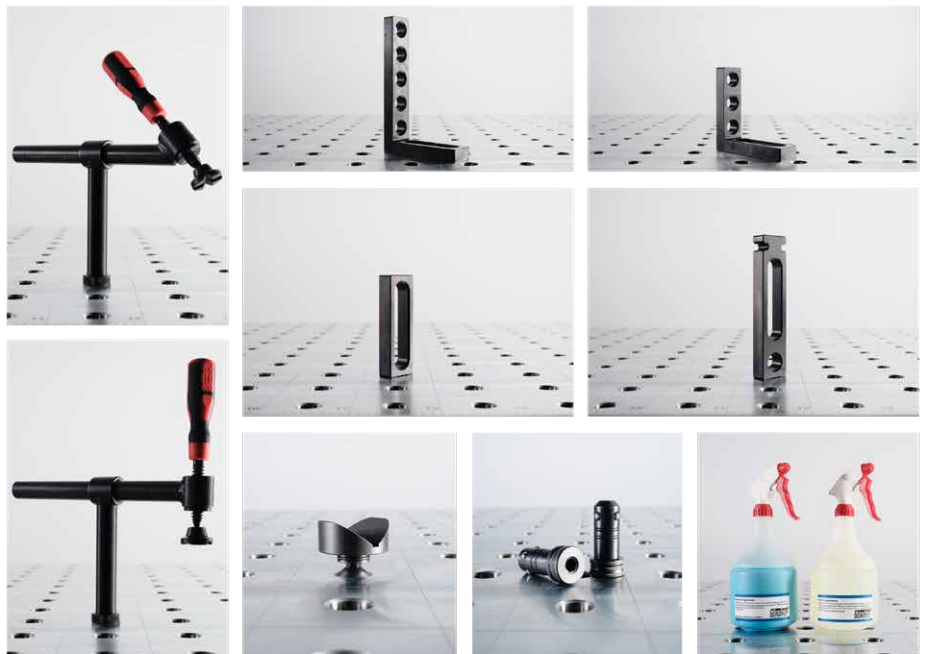
Silver Set*

28mm**



Starter Set*

28mm**



* Product images of the tools and accessories.
The actual scope of the set does not correspond to the set image shown.

**All sets also available for the 16 mm hole system in a modified version.

