



# To build the best welding tables is our aspiration!



Dipl. Ing. Bernd Siegmund



Dear Ladies and Gentlemen,

regardless of whether you process heavy steel components for locomotive- or bridge construction, or minor metalwork - with our welding- and clamping table systems you receive a solid tool, that meets your individual requirements. As solid and reliable as South German Bavaria, where our headquarters are located.

It is here in Großaitingen, close to our state capital Munich and near Augsburg, where inventions such as the Diesel engine, the first submarine or the 6-axis industrial robot Famulus revolutionized the world, where we develop precise products so you can achieve precise results.

There is a lot of Know-How and experience in our welding- and clamping table systems. Not just our experience - yours as well. We directly implemented your suggestions and inspirations in the development of our products.

For example our most current development:  
Professional Extreme.

By combining two hardening processes you receive a welding table harder than tool steel, as well as an exceptional design. We received awards for its esthetic design in Europe and also in the USA.

On this basis we follow our passion to find intelligent, future oriented flexible solutions for you, combined with developing design quality. Read more about our inventiveness from page 12.





With our product catalog we want to introduce you to the multifaceted portfolio of the Bernd Siegmund GmbH. On more than 600 pages you can read about our tried and true products, our innovations and special solutions. We make welding, measuring, grinding and clamping substantially easier for you.

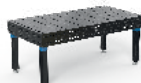










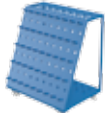
Enjoy!

Your

Bernd Siegmund

PS: Visit our homepage: [www.siegmund.com](http://www.siegmund.com) - to find very special offers!










**28 16**

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(·) = Price on request



Deggingen

**SIEGMUND GROUP - BERND SIEGMUND GMBH**

History of today's Siegmund Group starts in the year 1982:

Graduate engineer Bernd Siegmund founds his own engineering office in Augsburg, Germany. Back then he developed facilities, transportation systems, machines and machine parts for automotive- and environmental technology.

Today we are a family group with diverse, legally independent enterprises, operating in different countries. We have a staff of more than 300 colleagues, maintaining global business ties in more than 50 countries.

Our main business sectors are:

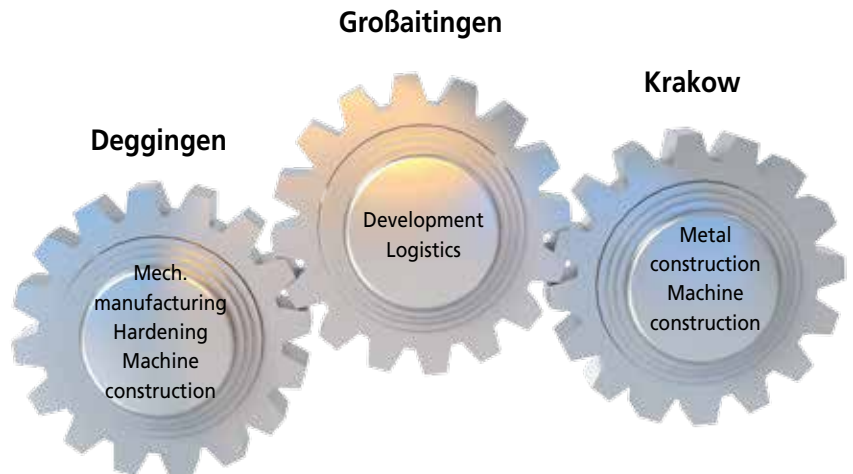
- Development and production of welding- and clamping table systems
- Development and production of machines and machine parts

Surrounding these activity fields we offer corresponding products and accessories. We are also a service contractor for technical issues.

Bernd Siegmund GmbH is headquartered in Großaitingen in the south of Germany, in beautiful Bavaria. It is the epicenter for our welding- and clamping table systems. Since it is here where our design engineers develop the tools to guarantee your and our success.

At our location in Deggingen, Degginger Maschinenbau GmbH, manufacturing of our welding tables takes place, as well as development, production and distribution of our products and services surrounding mechanical engineering.

Main locations of the Siegmund Group:  
Metal area







Großaitingen

PROFIT FROM OUR BAVARIAN VALUES!

Our headquarters in Großaitingen are located in the heart of Bavaria, in the south of Germany. It is without a doubt one of the leading economic areas within Europe.

Bavarian virtues, a mixture of hightech and tradition, are very important to us. Values like tradition and reliability, courage and open-mindedness towards innovation, are reflected in our day-to-day interaction and products, as well as the way we treat our business partners and customers.

Based on our proximity to Munich, we benefit from its international infrastructure. Especially noteworthy is also the diversity of cultural and regional resources: the magnificent castles and lakes, and of course the worldwide renowned and popular Oktoberfest.



NEUSCHWANSTEIN CASTLE

# Welding- and clamping table systems by Siegmund - a sophisticated and flexible modular construction system...

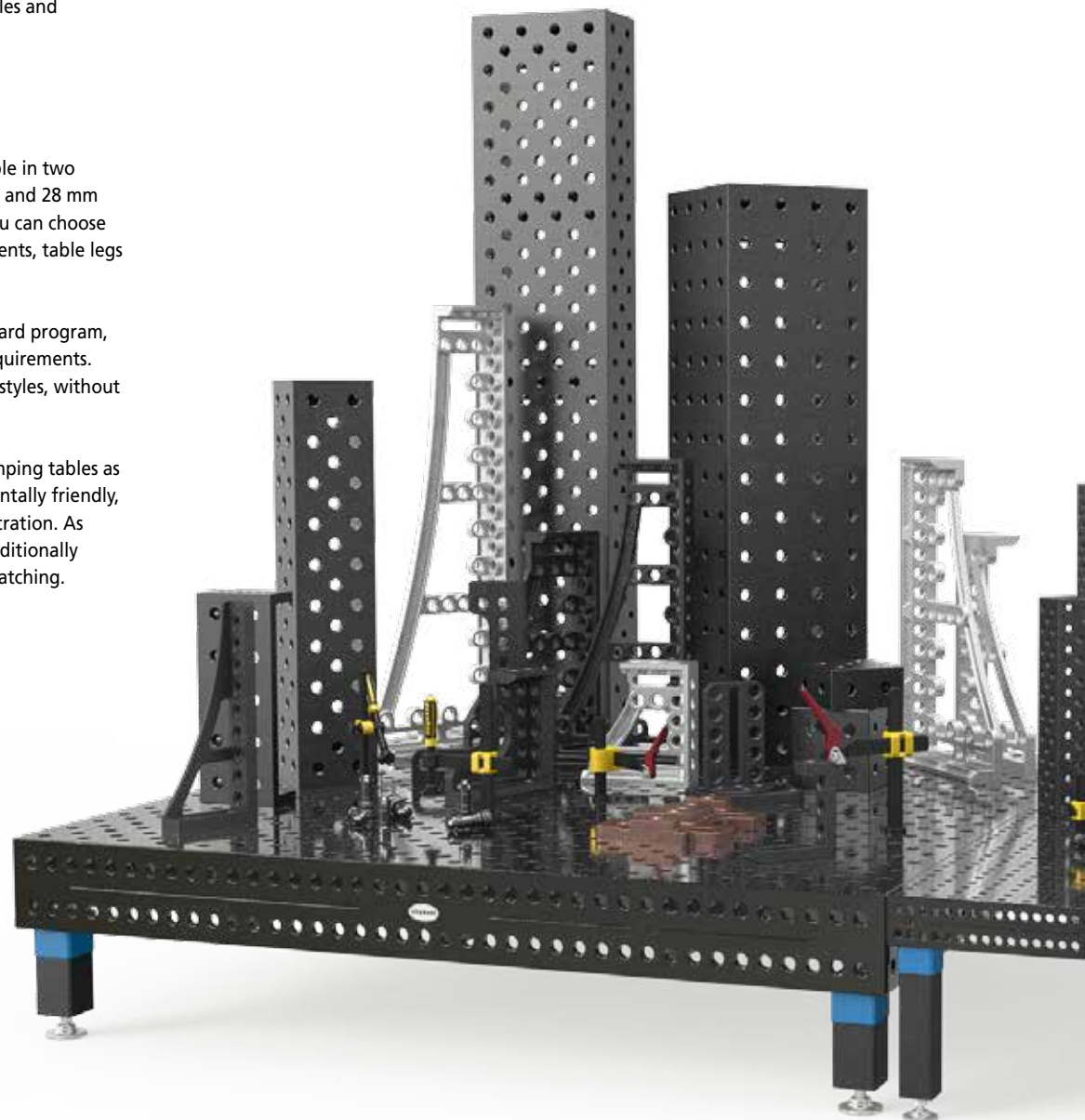
Supported by our welding- and clamping table systems you can accomplish the most complex and challenging applications immediately, since they are based on a sophisticated and flexible modular construction system. It consists of a combination of system boreholes and compatible clamping elements.

## Choose from around 10,000 table styles

Our welding- and clamping tables are available in two basic styles of boreholes - 16 mm (System 16), and 28 mm (System 28). Based on these basic versions, you can choose from a large selection of different measurements, table legs and materials.

Consequently you can choose from our standard program, depending on individual wishes and work requirements. You can freely assemble around 10,000 table styles, without consideration of special sizes.

Since 2009 we improve our welding- and clamping tables as a standard feature by applying an environmentally friendly, thermo-chemical procedure, called plasma nitration. As a result the surface of the welding table is additionally protected from welding spatters, rust and scratching.



# The table that pays for itself! Save time and money with a table built by Siegmund!

Deciding for a Siegmund table will save you cash money! Thanks to the superior quality of our welding tables you receive a tool that helps you to work with significantly more precision and a lower error rate. Based on the modular construction system you can assemble a multitude of possible applications, reducing set-up time as well as saving storage space and costs.



## Calculate for yourself!

The table that pays for itself fast! Thanks to the savings potential (up to 40% working time with substantially higher precision and reduced error rate), the table is profitable after just a short period of time.

### SAMPLE CALCULATION:

Hypothetical costs per metal worker/year incl. additional expenses.

**60,000 \$**

The savings potential is around 40% during the production of prototypes with high down times.

that equals

**24,000 \$**

At a realistic life span of 10 years for a system table this equals a cost savings of:

**240,000 \$**



## Just for you - additional services



We don't "just" sell welding- and clamping tables, but also a "surrounding" package of services and accessories.

### YOU GET

- ☐ a wide range of clamping elements like squares, stops, bolts, screw clamps and much more, to create any kind of clamping device.
- ☐ individual and expert consultation, as well as suggested solutions for complicated and costly constructions.
- ☐ solutions to your individual clamping projects by CAD-data (SAT, DXF or STEP).
- ☐ custom-made design. From the planning stage to completion we assist you to master even the most difficult challenges, like the set-up of oversized work platforms and such.
- ☐ complimentary, professional training at our headquarters. You can see live demonstrations of application examples and set-ups.
- ☐ "real" application examples on the internet true to the motto: learn from others.
- ☐ 3-D set-up examples to download from our homepage.
- ☐ special offers on [www.siegmund.com](http://www.siegmund.com)
- ☐ our complimentary flyers with special offers and news about our products. The flyer is published 5 times a year in 18 languages, with an edition of 200,000.
- ☐ communication, possibly even in your native language. In our company 10 languages are spoken. The current catalogue as well as our internet presentations are available in 27 languages.
- ☐ our QR-codes with direct access to our product- and company videos.
- ☐ the option to test our products worldwide at more than 40 trade fairs per year and to meet us in person.



## We accept responsibility

As a family business our main concern is taking responsibility for the welfare of our staff. By taking measures like creating an appropriate infrastructure, as well as a diverse selection of training opportunities, we are investing in the framework of our own success. Especially the consistent designation of trainee positions for young people is very dear to us.

Closely linked to climate- and environmental protection is the issue of energy. We have been making an active contribution by utilizing energy more efficiently within our facilities to reduce emissions. As a result we have decided to use a hardening process that is strictly based on the

application of hydrogen, oxygen and nitrogen, the main ingredients of air and water. In addition our warehouses and buildings are heated by thermal discharge.

At our headquarters in Großaitingen we use one of the cleanest sources of energy altogether: the immeasurable energy of the sun. Our photovoltaic installation generates more energy than we consume.

It is not just the climate and the environment that benefit from our commitment. When we pay attention to our energy footprint, we also have an economical advantage as well.



# You order - we deliver reliably and quickly



## OUR DEMAND: PROMPT AVAILABILITY

Facilitated by our convenient location and our close proximity to the state capital Munich, we are in a perfect position to supply regional facilities, as well as customers abroad.

Our headquarters in Großaitingen facilitates a total storage space of 5,000 m<sup>2</sup> for our welding- and clamping tables and accessories. All inquiries are centrally processed at this location.

We always carry a large amount of inventory to guarantee prompt delivery.

Please pay attention to the suffixes following the item numbers:

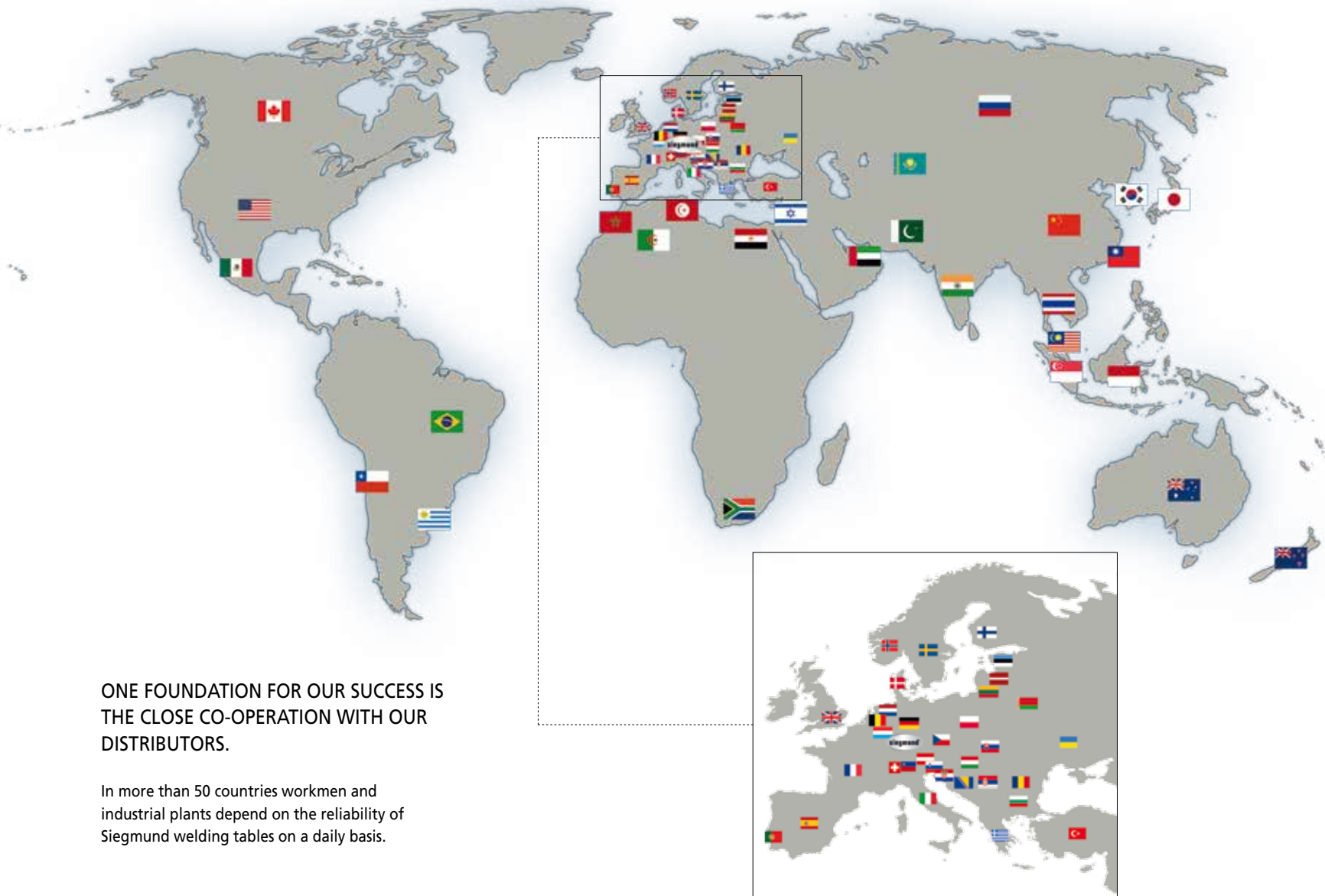
Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.	
500 mm	50 mm	25 mm	3,30 kg	2-280427	●
500 mm	50 mm	25 mm	3,30 kg	2-280427.C	○

- *Stock item:  
Delivery within 1-7 days if item is in stock.  
(Applicable only within Germany and closer Europe;  
delivery time depending on size of order).*
- *Item is made to order; delivery as soon as possible.*

( · ) = Price on request



# We are a global supplier

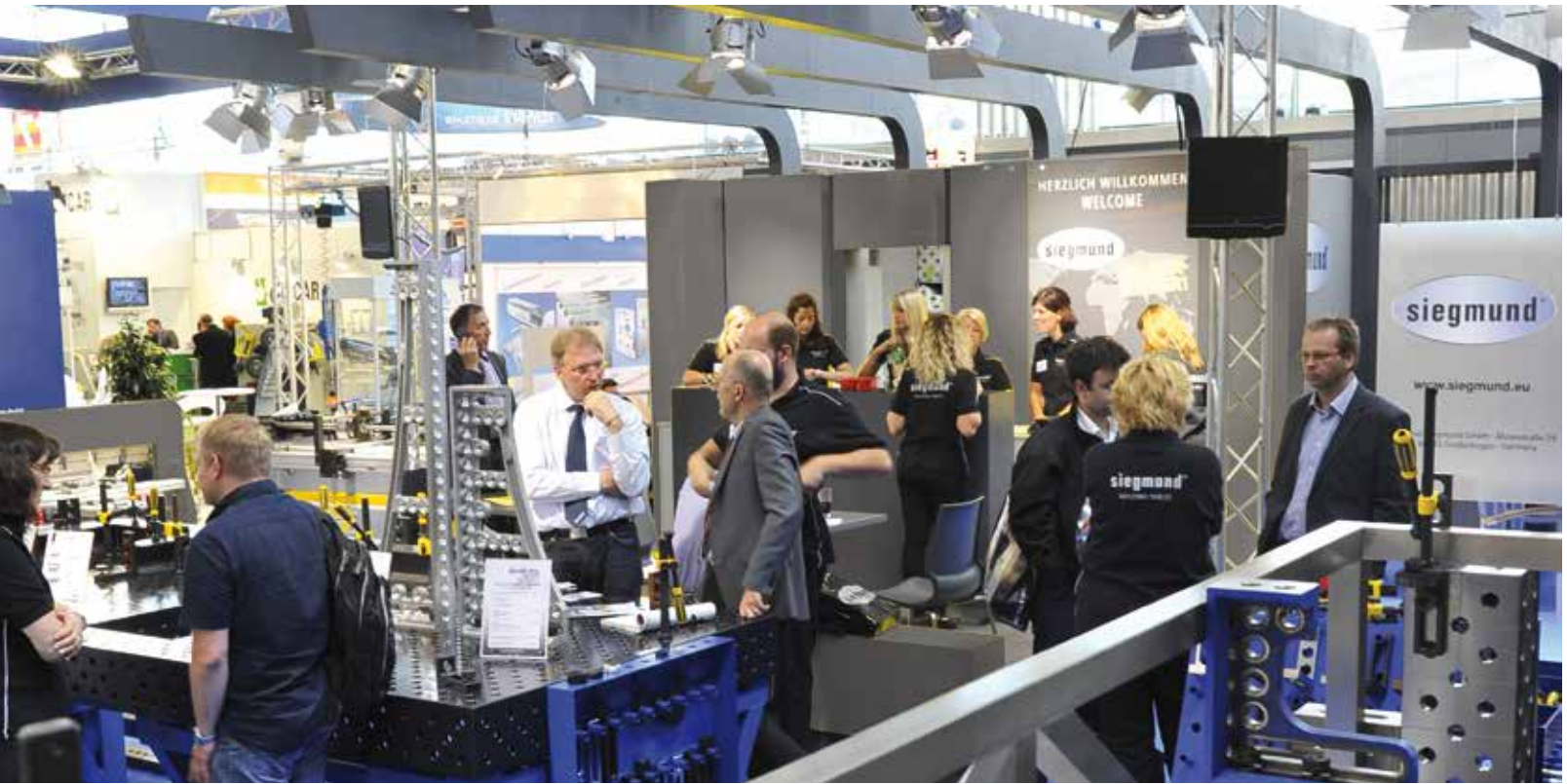


ONE FOUNDATION FOR OUR SUCCESS IS THE CLOSE CO-OPERATION WITH OUR DISTRIBUTORS.

In more than 50 countries workmen and industrial plants depend on the reliability of Siegmund welding tables on a daily basis.

- |                    |                |               |             |              |                      |
|--------------------|----------------|---------------|-------------|--------------|----------------------|
| Algeria            | China          | India         | Malaysia    | Russia       | Taiwan               |
| Australia          | Croatia        | Indonesia     | Mexico      | Serbia       | Thailand             |
| Austria            | Czech Republic | Israel        | Morocco     | Singapore    | Tunisia              |
| Belarus            | Denmark        | Italy         | Netherlands | Slovakia     | Turkey               |
| Belgium            | Egypt          | Japan         | New Zealand | Slovenia     | Ukraine              |
| Bosnia-Herzegovina | Estonia        | Kazakhstan    | Norway      | South Africa | United Arab Emirates |
| Brazil             | Finland        | Latvia        | Pakistan    | South Korea  | United Kingdom       |
| Bulgaria           | France         | Liechtenstein | Poland      | Spain        | Uruguay              |
| Canada             | Greece         | Lithuania     | Portugal    | Sweden       | USA                  |
| Chile              | Hungary        | Luxembourg    | Rumania     | Switzerland  |                      |

# Issues, trends, developments and good conversations



## TRADE SHOWS ARE EXTREMELY IMPORTANT TO US

Trade shows are a reflection of issues, trends and developments in the industry. Trade shows offer the opportunity to exchange experiences, ideas and know-how. Trade shows are the ideal platform to introduce ourselves and our products. Trade shows are a meeting point for good conversations and doing good business.

....TRADE SHOWS BRING US TOGETHER WITH YOU.

You can find us at about 40 trade shows worldwide!

Please find the trade show calendar at:

[www.siegmond.com/VEExhibition](http://www.siegmond.com/VEExhibition)



Clicking the QR-Code takes you directly to the fair schedule. We are looking forward to you!

## 27 languages - always up-to-date with just one click

As a market leader for precision welding tables we have business ties in more than 50 countries. Therefore an international web-presence is absolutely necessary to us.

It is our aspiration to communicate in your national language. We are already presenting ourselves in 27 languages in this catalog as well as on the World Wide Web.

### YOU CAN WORK WITH WWW.SIEGMUND.COM

On [www.siegmund.com](http://www.siegmund.com) you receive information about our company and products, as well as a tool you can work with. Whether you need sales support or guidance, with just a few clicks you can find out how to precisely



clamp and process your workpiece on Siegmund welding tables, assisted by our accessories like prisms, quick-release clamping bolts or squares.

Or watch how "others do it". A variety of companies from different industries demonstrate how they apply our welding- and clamping table systems.

Numerous videos about scope and operating range, our trade-show presentations, or the remarkable endurance test of our extremely hard welding table "Professional Extreme", give you a digital view into the world of Siegmund.

Please log in and take advantage of special offers and bargains only at [www.siegmund.com](http://www.siegmund.com)





## Innovative strength to secure your and our success

We are the global market leader in the welding table industry, and would like to continue our vision for the future to keep building the best welding table worldwide.

To accomplish this goal, it takes foremost innovative strength and determination. We are driven in this direction by our consistent effort, our sense of future developments in the industry, and the close communication with you. We are constantly prepared to further develop our products and services, to allow you to concentrate on your core competences to remain competitive and successful.

## Our new developments:

### PROFESSIONAL EXTREME

- harder, tougher and more appealing in look and surface feel

### BASIC PIPE CLAMP UNIVERSAL

- an inexpensive clamp for all tasks

### STOP AND CLAMPING SQUARE 500 G WITH ROTATION ANGLE

- two rotation angles enable smooth clamping

### SUPPORT AND FOUNDATION RAIL - WITH INTEGRATED ROUND RAIL

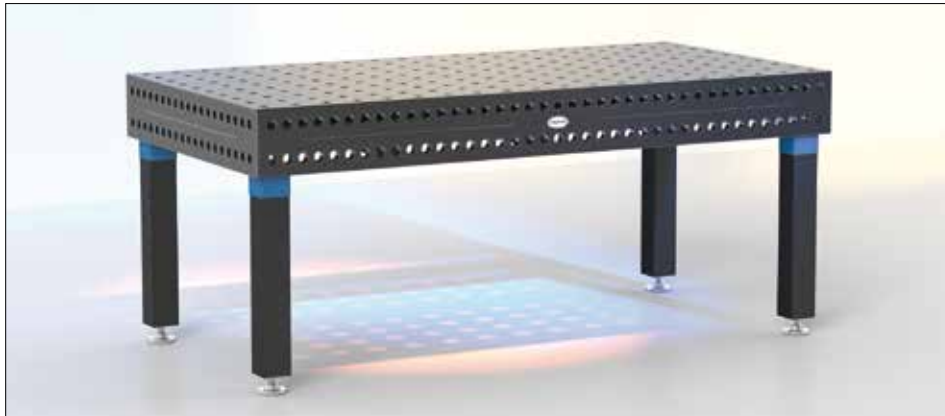
- substantially easier and faster to assemble







# Extremely hard and exceptionally well designed: Professional Extreme



Item No. 280020.X

With Professional Extreme we are providing you with a tool that meets your individual requirements. It is extremely hard and resistant in texture, and at the same time well designed in look and feel. This is one more reason that we are Number 1 in welding tables. We don't just want to keep this position, we will also expand it by constantly enhancing our products to optimize your work processes.

Its name reveals its feature: Professional Extreme is harder than some tool steel or Japanese knives. With more than 750 Vickers, since Professional Extreme is double-hardened. The material property of the table consists of a special, pre-hardened steel. We additionally applied a thermo-chemical procedure, called plasma nitration, to harden the surface of the table.

All table components were revised: Professional Extreme is equipped with larger base plates and table legs, as well as more ribbing on the underside of the table. We also rounded all boreholes and radiuses and improved its design.

Watch Professional Extreme live meeting all challenges, and convince yourself of its extremely hard properties:

You can also find the "hardness test" at:

[www.siegmund.com/VHardness](http://www.siegmund.com/VHardness)



## YOUR ADVANTAGE WITH PROFESSIONAL EXTREME AT A GLANCE:

Professional Extreme is,

- more rust-resistant,
- more resistant against adherence of welding spatters,
- more resistant against impact or scratching, and higher spot loads,
- more stability,
- more loadability and efficiency,
- less scratch-prone when moving heavy components,
- perfectly designed, enabling easy and fast insertion of bolts and accessories into boreholes.

More about "Extreme Tables" starting page 96 (System 28) and 444 (System 16).

1. 45 tons of gravel



# PROFESSIONAL EXTREME 850... IN THE ACID TEST





**3.** Explosion -  
simply indestructible!



**2.** Car dropped from 8 m high  
(1 ton deadweight)



# THE RESULT:

Professional Extreme lives up to its name. The "extreme" properties of our table have passed this acid test without damage or scratches, aside from minor color changes.

Convince yourself!







# An inexpensive clamp for all tasks:

## Basic Pipe Clamp Universal



Item No. 280604



Item No. 280604



Item No. 280604

With this new Basic Pipe Clamp you get an economical tool that helps you master all clamping tasks. It is additionally equipped with a pivoting arbor (at an angle of  $\pm 42^\circ$ ), allowing diagonal clamping of components. In combination with the height- and length adjustable horizontal and vertical strut extremely large distances can be spanned.

### YOUR BENEFITS AT A GLANCE:

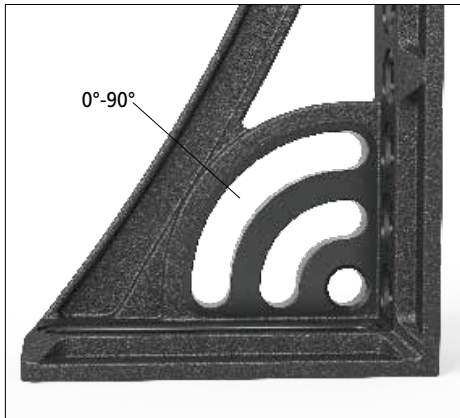
- The pivoting arbor (at an angle of  $\pm 42^\circ$ ) enables vertical as well as diagonal clamping of your component. The additional pivot joint balances tilting of high components.
- Horizontal and vertical struts can be freely adjusted, enabling precise setting of distances to the component.



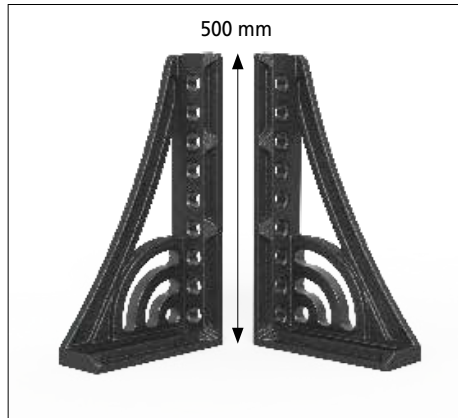
More about "Basic Pipe Clamps" starting at page 328.



# With additional angles of rotation: Stop and Clamping Square System 16 and System 28



Item No. 280164 / 280165



Item No. 280164 / 280165



Item No. 160161 / 160163

A new Stop and Clamping Square with integrated angle of rotation was developed by combining our angle of rotation with our Stop and Clamping Square.

Based on the additional angle of rotation, a fix oblong hole, you can freely adjust and fasten your Squares. You can precisely fix your component infinitely from 0° to 90°.

## YOUR BENEFITS AT A GLANCE:

- The additional angles of rotation enable precise clamping and adjustments in countless angle settings.
- You receive a tool made of premium cast iron GGG40, incl. plasma nitration. This prevents scratching and denting when moving extremely heavy and sturdy components.
- Radiuses were rounded - based on the new design.
- The combination of angle of rotation and system boreholes result in a multitude of clamping options.

More information about "Stop and Clamping Square" on pages 264 (System 28) and 526 (System 16).





## Much easier and faster to install:

### Support and Foundation Rail - with integrated round rail



We improved our reliable rail system to make working with large components much easier.

The combination of our support- and foundation rail system with our round rail system has new and crucial advantages for you.

#### YOUR BENEFITS AT A GLANCE:

- The new support- and foundation rail with integrated round rail is much easier and faster to assemble. You have the option to install above-floor or underfloor. The rails can be firmly bolted to the ground or countersunk in the factory work floor. If requested, we will gladly carry out the installation for you.
- You can easily slide the rail-mounted welding- and clamping tables along the movement direction of the rails into different positions.

More about the "Rail System" starting at page 166.

# We have updated over 100 products technically and in design for you:

**SCALE**  
on Stops and Squares

**NEW SQUARE HEIGHT**  
750 mm in System 28

**NEW VERSIONS**  
T-slot Table now also available  
with lengthways and lateral slots



Illustration shows a selection of updated products.

**NITRATION**

many clamping devices are now also available nitrided

**RADIUSES**

on Stops and Squares

**OPTIMIZED**

Squares and Stops were widened, resulting in more stability

**ALUMINUM**

Squares now also available in System 16





Top functionality combined with advanced design -  
are distinguishing Siegmund products



## Some of our design awards at a glance:


**1| T-Slot Table**  
1,0 x 1,0 m  
280010.N



reddot design award  
winner 2012

see page 128

**2| Universal Bolt**  
280532





**3| Clamping Square**  
280144.P  
280134.P

product  
design award  
2013

see page 301  
see page 268


**4| Professional Extreme**  
2,0 x 1,0 m  
280020.X



reddot design award  
winner 2013

see page 110

**5| Professional Extreme**  
2,0 x 1,0 m  
280020.X





**6| Aluminum-Titanium Square**  
280140  
280141

INTERNATIONAL DESIGN  
EXCELLENCE AWARDS '13  
SILVER

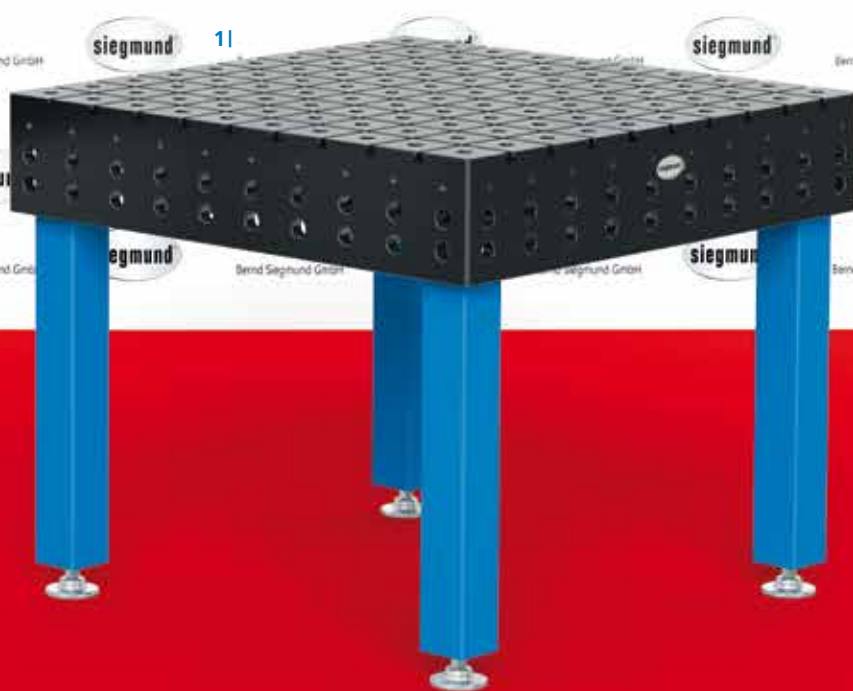
see page 110  
see page 270

**7| Fast Clamping Bolt**  
280510

German  
Design Award  
SPECIAL  
MENTION 2014

see page 300



**Top functionality combined with advanced design are distinguishing Siegmund products**

All the awards we have received in the past at international design competitions are a recognition and incentive at the same time, to continue on this creative and innovative path with enthusiasm. We invite you to join us!



# Siegmund in action

Regardless of whether it is a small workshop or a well-known industrial plant, prototype construction or mass production, with or without robotics:

Our welding and clamping table systems are used in a multitude of industries!

62



30



40



32

68



64



38





54



36



44



56



70



52



50



01 SHEET METALL  
PROCESSING

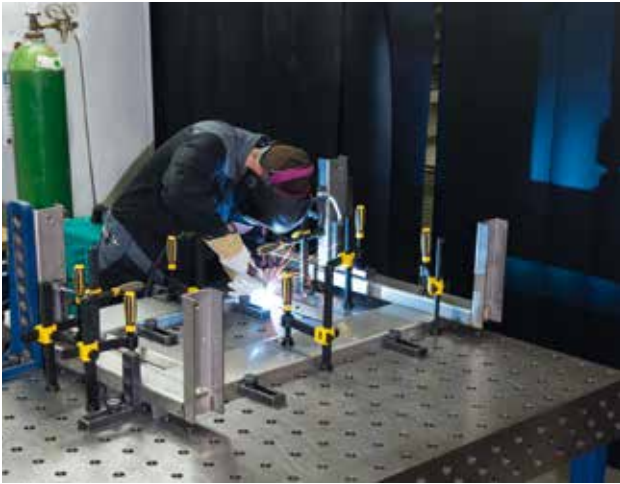
SOURCE:

W. NUSSER GMBH

SCHWABMÜNCHEN, 2013



## Nusser - Sheet metall processing



Shown is the tacking of a substructure framework for a metal housing. After completion it serves in the food industry.

It is plain to see, that the surface texture of the Siegmund plasma-nitrided table still prevents the adherence of welding spatters, even after many years of service.







02	LOCOMOTIVE CONSTRUCTION
SOURCE: SIEMENS AG MUNICH, 2013	



## Siemens - Locomotive Construction



A locomotive runs through several workstations during the production process at the Munich plant.

In this workstation the shell of the base frame is clamped, and additional components are tacked and welded. The floor panel installation also takes place here, due to the specifically developed rotation mechanism.

The 18 meters long base frame has a total weight of approx. 10 tons.







**03**   **ROLLERCOASTER**

SOURCE:

MAURER SÖHNE GMBH & CO. KG

MUNICH, 2013



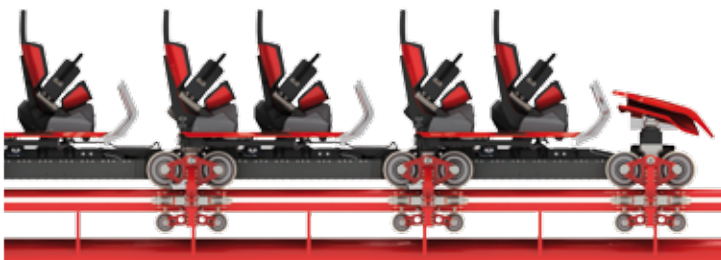
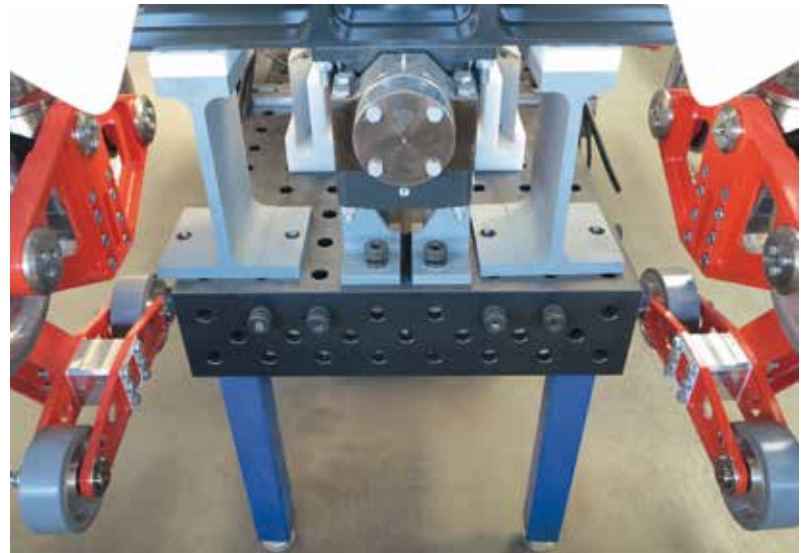
## Maurer Söhne - Theme Park Attractions

A 80x20 m factory hall was completely constructed with Siegmund support- and foundation rails. Due to the extremely high workloads, the boreholes were reinforced with annealed bushings. Installation was carried out by Siegmund supported by state-of-the-art 3D laser technology.

By using a specific platform system consisting of single elements, manufacturing equipment can be connected with the rail system. Platform components as well as Siegmund tables, can be randomly positioned and clamped, creating maximum flexibility.

Due to the well-spaced rail system, Maurer is capable of implementing a multitude of projects - e.g. the world's largest mobile Ferris wheel was constructed on the Siegmund rail system.

Illustrations are demonstrating how rollercoaster carts are assembled and adjusted on Siegmund tables, using templates provided by customer. Due to high manufacturing precision, maximum safety of fairground rides can be guaranteed.





04 SHIPBUILDING

SOURCE:

NOBISKRUG GMBH

RENSBURG, 2011



## Nobiskrug - Shipbuilding



Working on six Siegmund tables, boatyards need up to 5600 m of piping to build a single luxury yacht.

Precise installation of the pipe systems requires minimum production tolerance.





05

STAINLESS STEEL  
PROCESSING

SOURCE:

JÜRGEN HACKINGER

WALDKIRCHEN /  
LÄMMERSREUT, 2013

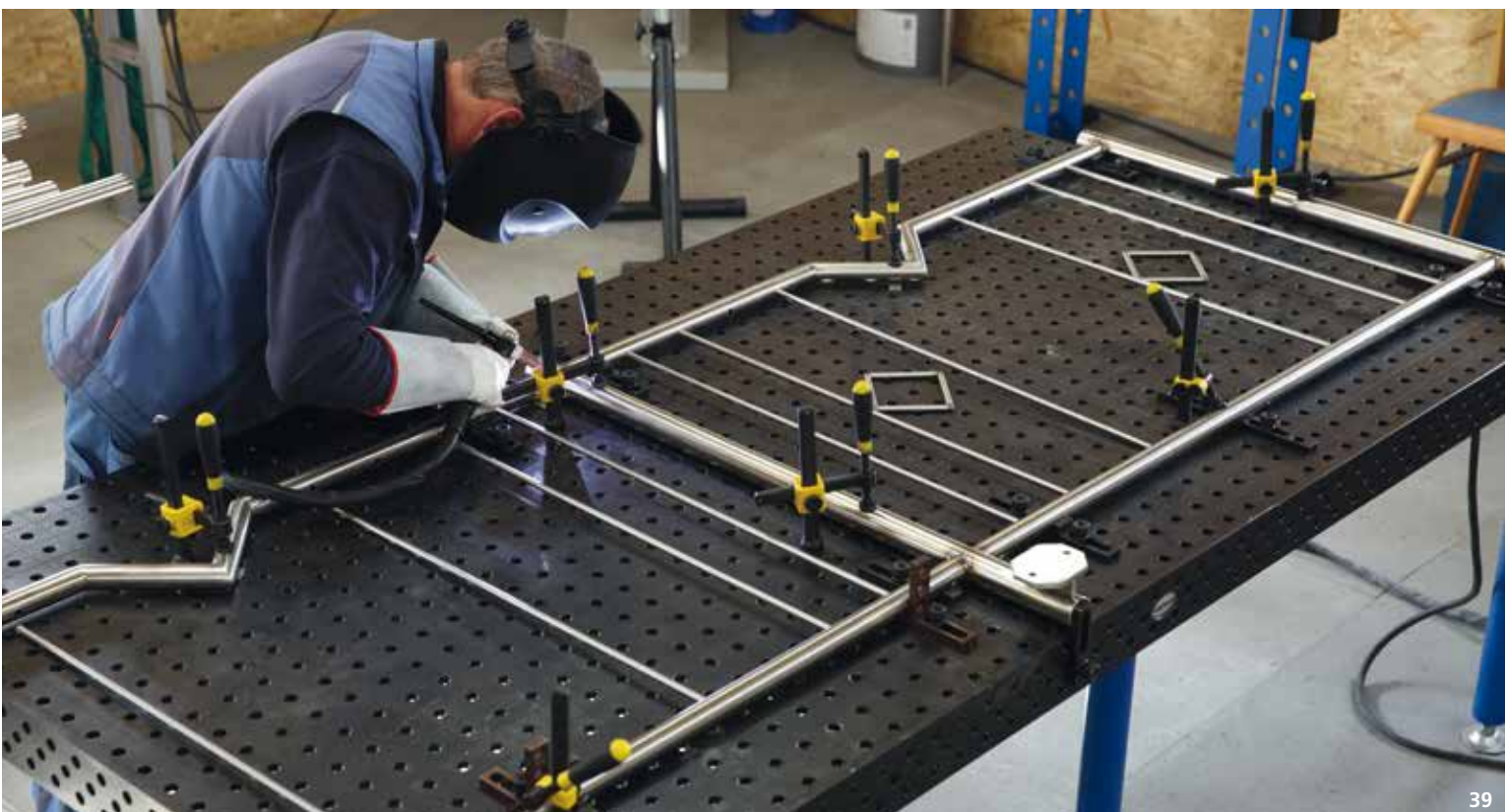


## Jürgen Hackinger - Balustrade Building



Illustration shows production of a stainless steel balcony rail for a single family home with a length of 11 m.

The basic equipment of the newly furnished workshop consists of Siegmund tables and tool-sets.





06	BRIDGE CONSTRUCTION
SOURCE:  BUILDING COMPANY MATTHÄUS SCHMID  BALTRINGEN, 2011	





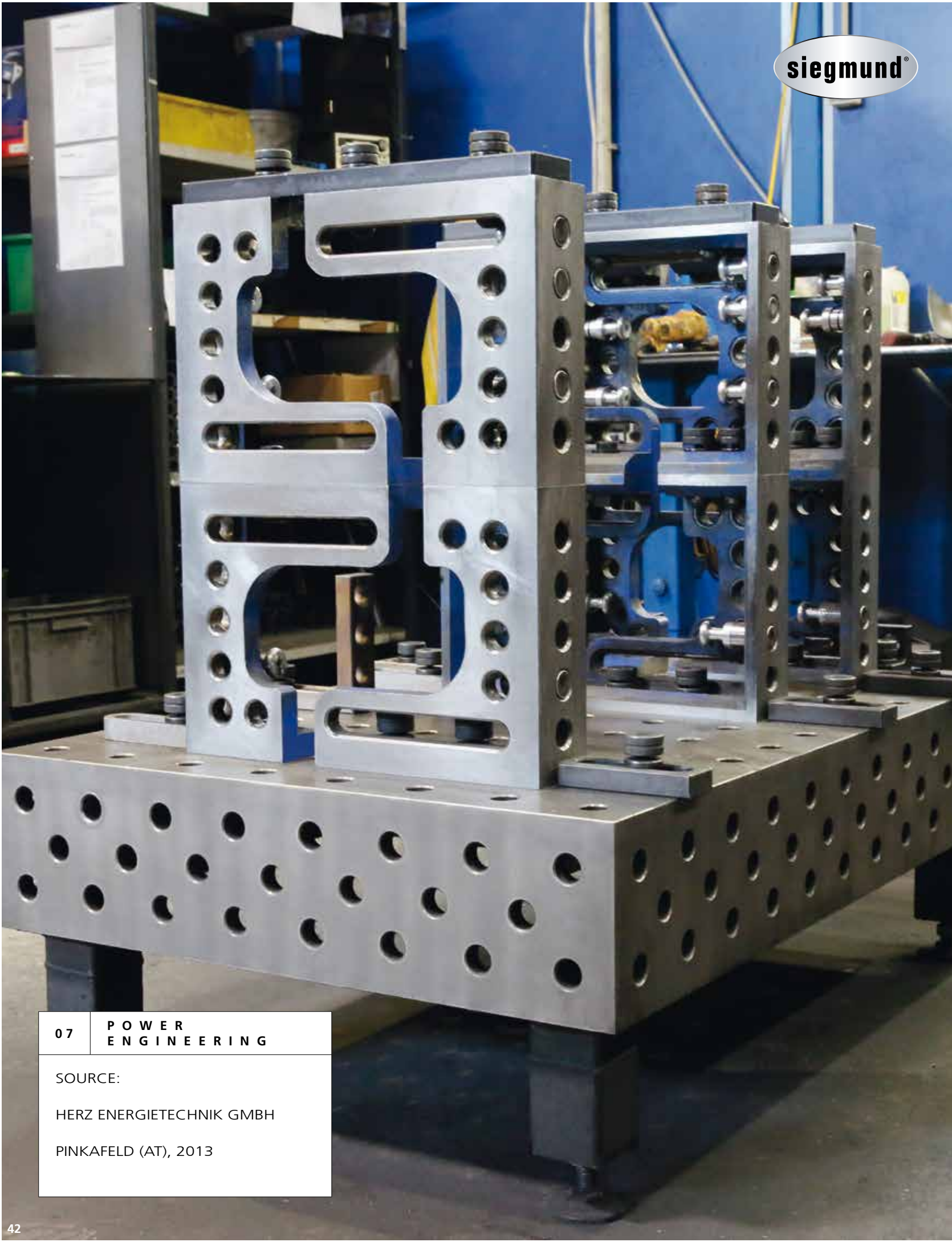
## Matthäus Schmid - Bridge Construction



Minimum production tolerances and maximum load capacity of Siegmund support- and foundation rails, combined with tables on connecting frames, enable the accurate to the millimeter construction of a 53 m long skywalk, weighing 70 tons.







07 POWER  
ENGINEERING

SOURCE:

HERZ ENERGIETECHNIK GMBH

PINKAFELD (AT), 2013



## Herz Energietechnik GmbH - Wood Gasifier Boilers



You can see the production of a wood gasifier boiler for logs and wood briquets. The boiler is built on a Siegmund table with shortened table legs, since most of the welding work during the production process takes place in the upper part of the workpiece.

To be able to work effectively and quickly, cast iron squares matched to the size of the boiler, are clamped on the table. Assisted by magnetic clamping bolts the exterior sheeting of the boiler is clamped within seconds, and can be tacked together after just a few hand grips.

The dimensions of a boiler are 1,400 x 600 x 1,400 mm, weighing 515 kg.





08

UTILITY VEHICLE  
CONSTRUCTION

SOURCE:

MAN BUS SP. Z O.O.

STARACHOWICE (PL), 2014

siegmund®





## MAN Poland - Prototype Construction Utility Vehicles

In Starachowice prototypes and mock-ups of busses are constructed and then shipped to Munich for stress tests. After successfully completing the testing phase, they can go into production.

To meet constantly changing demands, two different systems were installed. One system consists of a Siegmund support- and foundation rail above-floor, serving as a base for a setup of table tops and U-squares. The second system is a combination of a Siegmund round rail and a Siegmund support- and foundation rail, with four movable Siegmund tables on top.

Illustrations show production of a "mock-up" in the pre-installed device. It is equipped with a new generation of bus doors. They are manufactured on the second system.





08

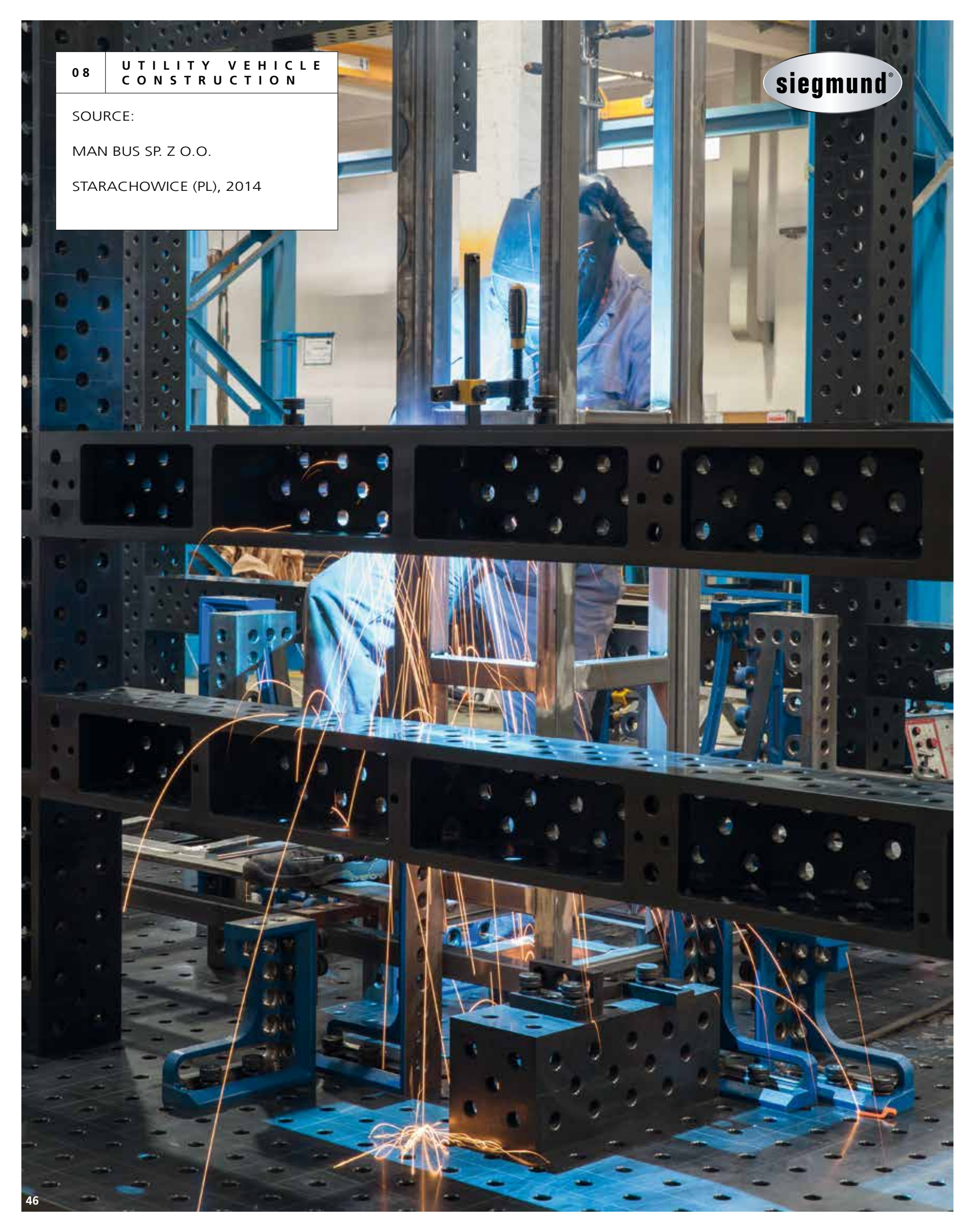
UTILITY VEHICLE  
CONSTRUCTION

siegmund®

SOURCE:

MAN BUS SP. Z O.O.

STARACHOWICE (PL), 2014





## MAN Poland - Prototype Construction Utility Vehicles





09 STEEL  
CONSTRUCTION

SOURCE:

MARKTHALER GMBH & CO. KG

KAUFBEUREN, 2011



## Markthaler - Steel Construction

Illustrations show production of a special container, serving as a collection tank for bore fluids. It is used in civil engineering to drill holes for foundation posts. The accumulated bore fluid is collected in it and cleaned. To stabilize the borehole, the bore fluid is pumped back afterward.

By using Siegmund tables no templates or devices have to be produced, reducing low volume production time by 20-25%.

The container weighs 6.4 tons and is 10 m wide, approx. 2.5 m deep and 2.5 m high.



SOURCE:

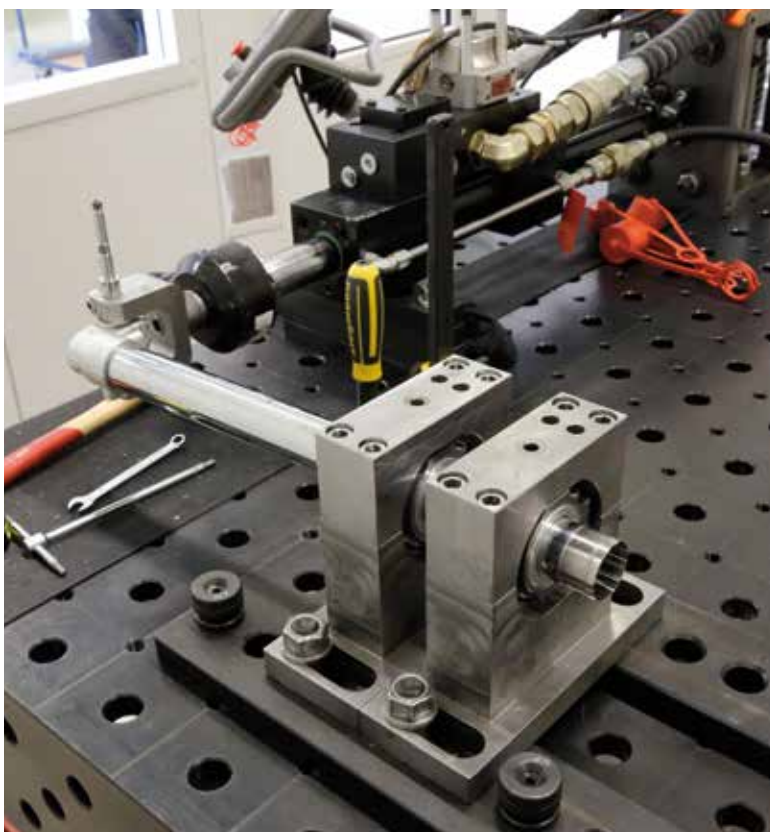
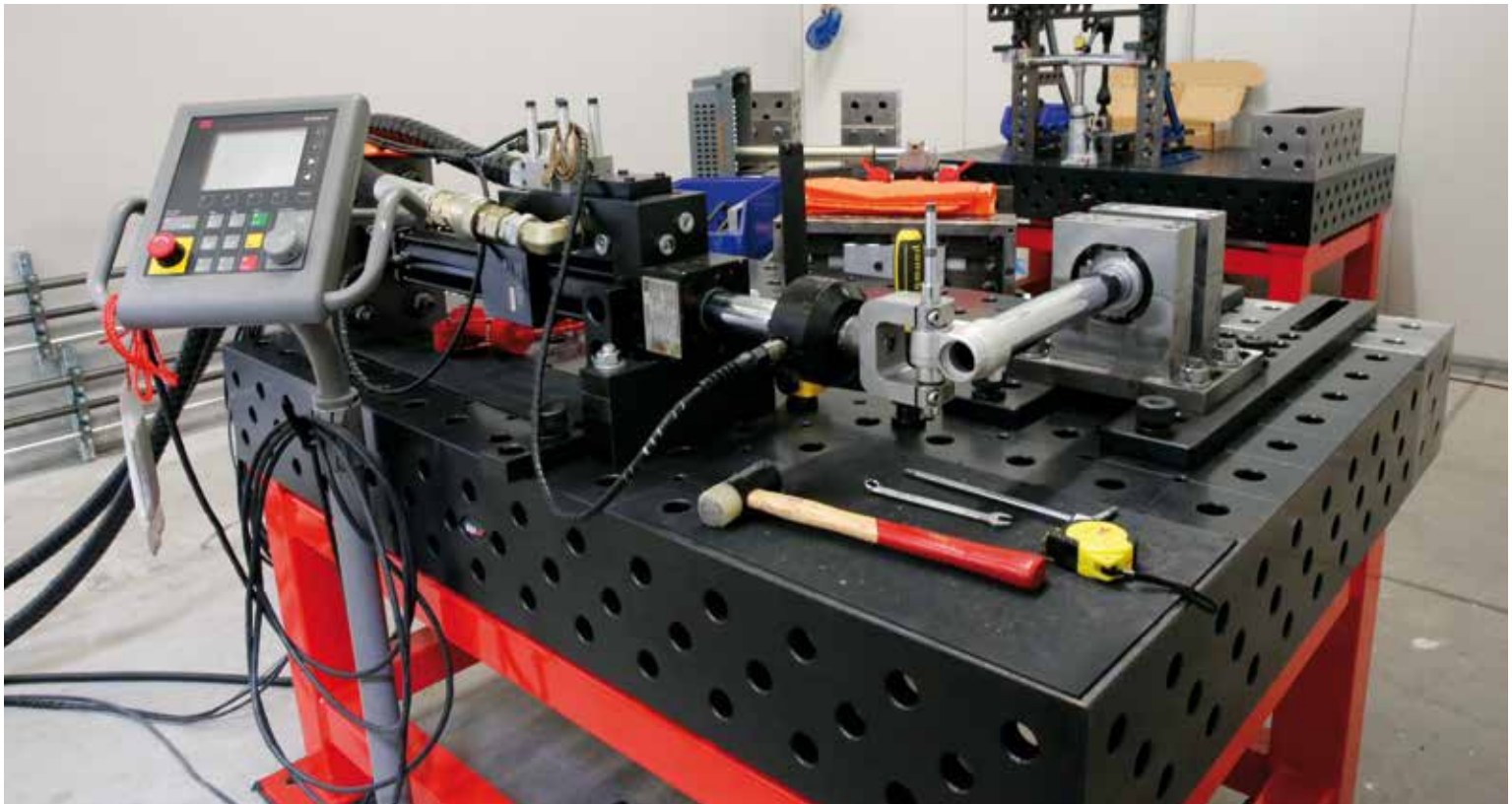
WP PERFORMANCE SYSTEMS GMBH

MUNDERFING (AT), 2013





## WP Performance Systems - Stress Tests Motorcycle Technology



Their in-house test center conducts static and dynamic component testing. Depending on material and stress situation the test duration is between 3 and 80 hours per test object.

Illustrations show quality control of telescopic steer tubes.





11

**BALUSTRADE  
CONSTRUCTION**

SOURCE:

METALLBAU GÖPPEL

GROSSAITINGEN, 2011

**siegmund®**





## Göppel - Metal Construction



Fastening, cutting, sanding, welding, measuring - in the sophisticated balustrade construction industry it is hard to imagine working without modern clamping systems.

Balustrade builders are supported by Siegmund welding tables even during difficult rail design processes. Supported by appropriate bending devices there are almost no limitations to creativity.

Siegmund clamping devices open up the third dimension precisely and efficiently.







12	<b>HOISTING AND CONVEYING ENGINEERING</b>
----	---

SOURCE:

SEMET MASCHINENBAU  
GMBH & CO. KG

BRACKENHEIM, 2013



## Semet - Telescopic Sliders

Illustration shows a telescopic slider for truck manufacturing being checked for sag and compliance with tolerances.

Aided by the rail system and the U-squares the crane stops are readjusted. The stops serve later on as fixtures for the telescopic slider.

The entire manufacturing up to the final inspection takes place on Siegmund products.

A telescopic slider is 8 m long, weighs approx. 2 tons and has a bearing load of approx. 1.5 tons.





13 HEATING  
TECHNOLOGY

SOURCE:

ETA HEIZTECHNIK GMBH

HOFKIRCHEN (AT), 2013

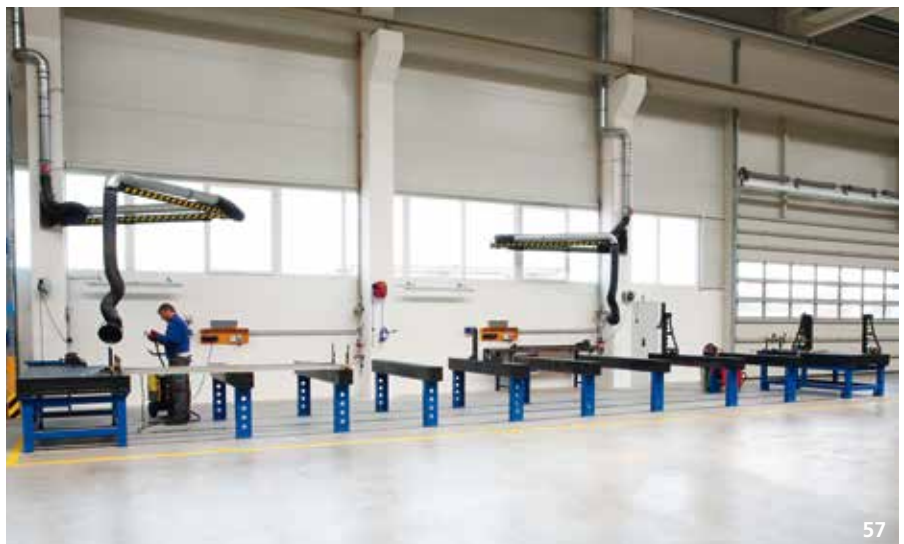


## ETA - Heating Technology



An agitator head for a wood chip warehouse is built on a Siegmund table.

The production time per piece is approx. 1.5 hours. The finished workpiece has a diameter of 6 meters.







14    L O C O M O T I V E  
C O N S T R U C T I O N

SOURCE:

VOITH TURBO LOKOMOTIVTECHNIK  
GMBH & CO. KG

KIEL, 2011



## Voith Turbo - Locomotive Construction



Illustrations show production of diesel-hydraulic locomotives.

Plasma-nitrided tables are low-maintenance, thereby facilitating speedy retrofitting. Siegmund functional clamping devices also enable quick processing of low volume production.





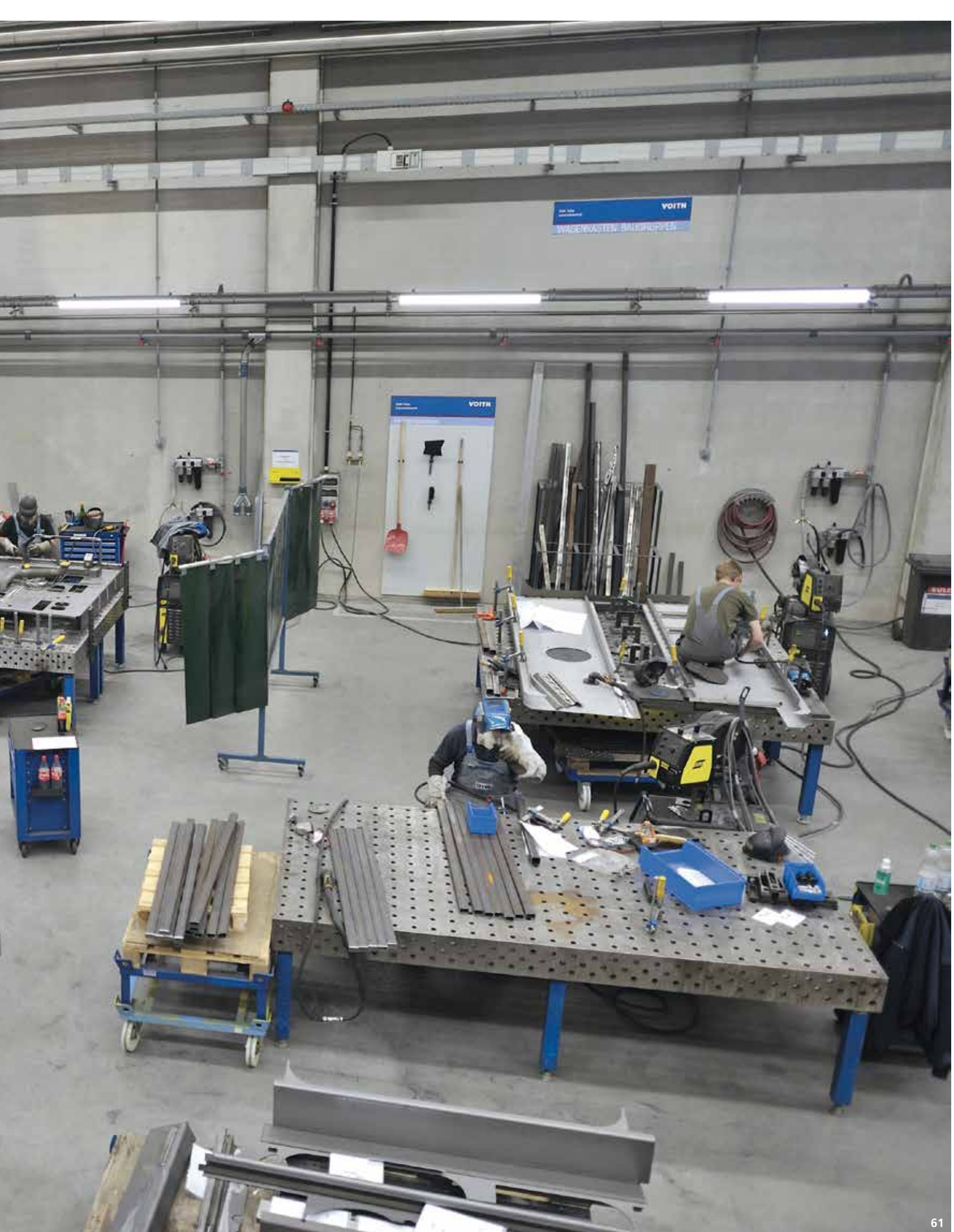
SOURCE:

VOITH TURBO LOKOMOTIVTECHNIK  
GMBH & CO. KG

KIEL, 2011







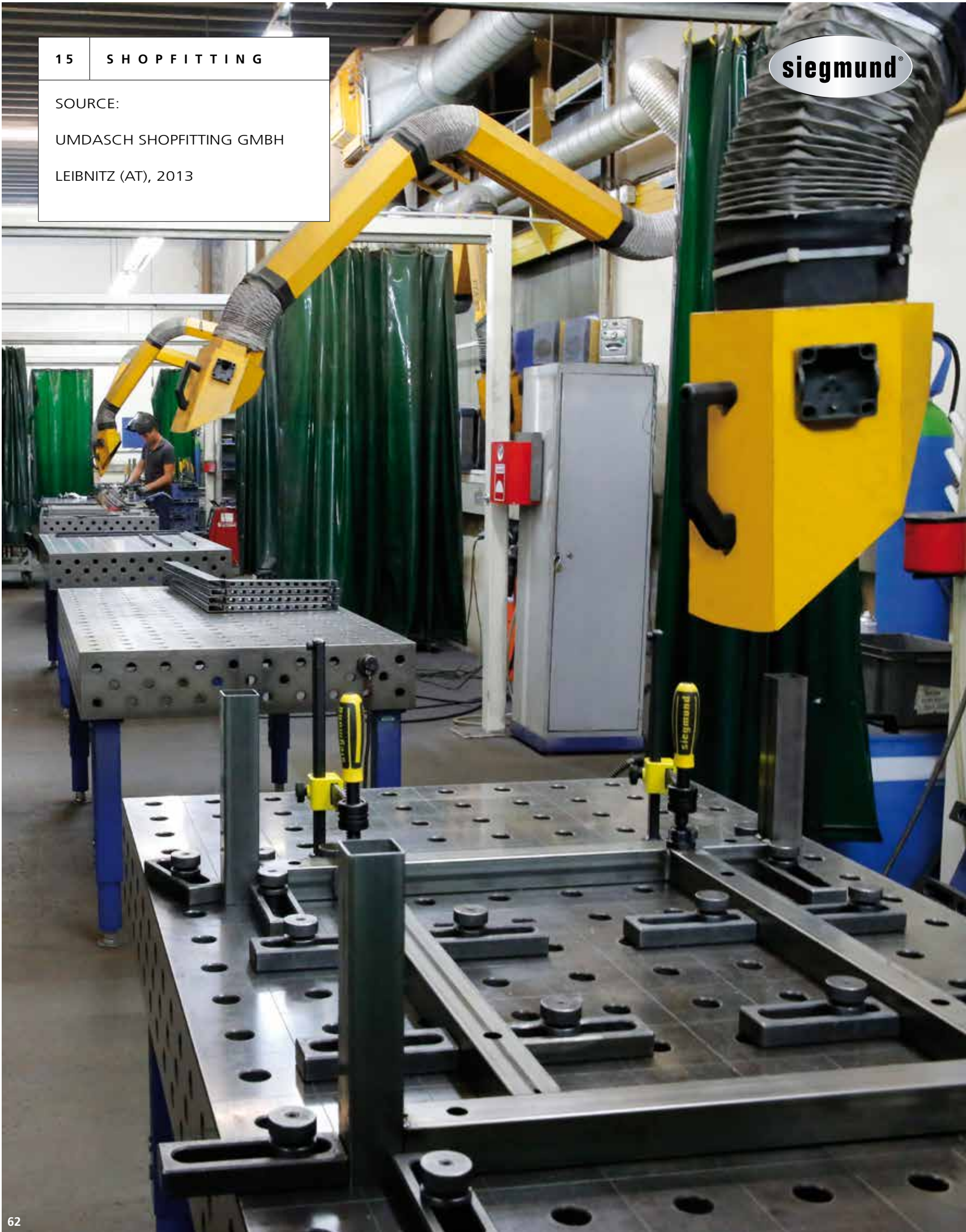


SOURCE:

UMDASCH SHOPFITTING GMBH

LEIBNITZ (AT), 2013

siegmund®





## Umdasch Shopfitting - Modular Shopsystem Elements



Siegmund tables are utilized in the custom design department for low volume and special series production, as well as for prototypes.

Illustrations show production of shopsystem elements "Basixx", e.g. stands and leg elements. Later on they are configured to build store fixtures.







16 METAL  
CONSTRUCTION

---

SOURCE:  
METALLBAU BÖHM GMBH  
EICHSTÄTT, 2013



# Metallbau Böhm - Custom Design



Here you can see how an emergency stairway for the cafeteria of a middle school is built on top of several interconnected Siegmund tables.

The tub-shaped construction weighs approx. 4 tons, and it is welded together from 15 mm steel sheet parts. The stairway is 10 m long, 1.35 m wide and 1.60 m high.





17 PLANT  
MANUFACTURING

SOURCE:

GROB-WERKE GMBH & CO. KG

MINDELHEIM, 2011



## GROB-WERKE GmbH & Co. KG - Machine Tools and Plant Construction



Facilitated by Siegmund tables, individual customer requirements to build complex machines, are fulfilled.

The sophisticated Siegmund system facilitates quick and flexible retrofitting of clamping devices, presenting a time-saving solution for low volume production or custom design.





SOURCE:

STADLER BUSSNANG AG

BUSSNANG (CH), 2014





## Stadler - Train Construction



A canopy and crash modules for a railcar are manufactured. They are made of aluminum, as well as other individual parts, and fabricated on Siegmund tables. Afterwards the components are assembled and welded together to create a railcar.





19 FIREPLACE  
FRONTS

SOURCE:

HANS GREUB AG

LOTZWIL (CH), 2014

[www.hans-greub.ch](http://www.hans-greub.ch)



## Greub - Fireplace Fronts



Illustrations are showing the production of custom-made glass fronts for fireplaces. The precise surface texture of Siegmund tables combined with their flexible accessories, increase the productivity of piece production by 20-30%.





SOURCE:

BHDT GMBH

HÖNIGSBERG (AT), 2013





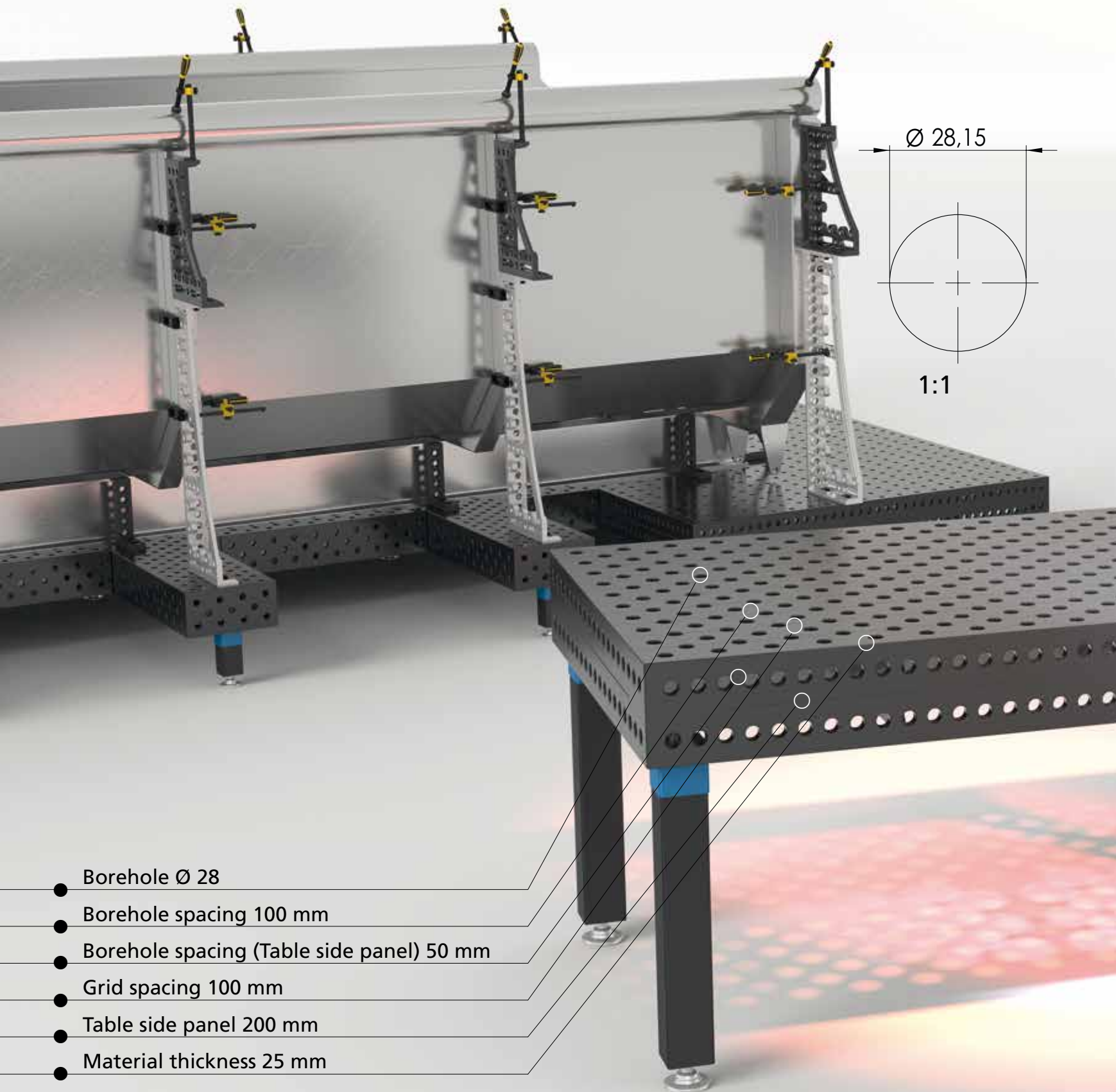
## BHDT - High-Pressure Plants

Siegmund tables facilitate the pre-fabrication of isometric lines. Due to the high precision of the tables, intermediate and final measurements can be constantly performed. This does not only result in a savings potential of direct work e.g. assembly, it also reduces rework.



# 28

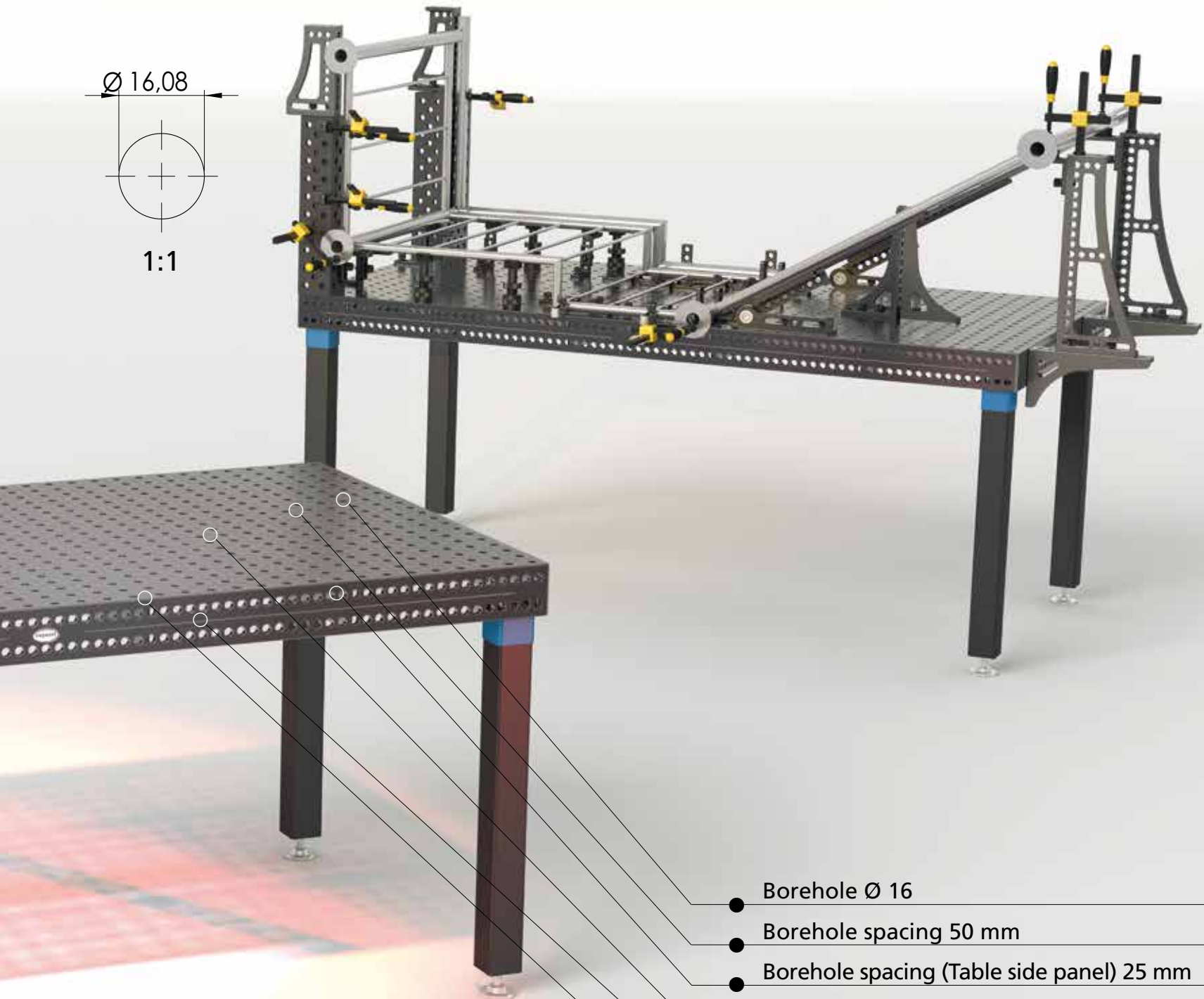
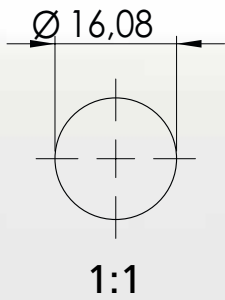
MEETS ALL REQUIREMENTS.  
FROM LIGHT TO HEAVY CONSTRUCTIONS





# 16

FOR LIGHT AND  
FILIGREE CONSTRUCTIONS



- Borehole Ø 16
- Borehole spacing 50 mm
- Borehole spacing (Table side panel) 25 mm
- Grid spacing 50 mm
- Table side panel 100 mm
- Material thickness 12 mm

## Siegmund - table fleet System 28



	T-SLOT TABLE	PROFESSIONAL EXTREME 850	PROFESSIONAL EXTREME 750
MATERIAL	Steel S355J2+N	through-hardened tool steel	through-hardened tool steel
PLASMA NITRATION	■	■	■
VICKERS	approx. 480-560	approx. 850	approx. 750
MATERIAL THICKNESS	approx. 35-39 mm / 24.5-27 mm	approx. 24.5-27 mm	approx. 24.5-27 mm
TABLE SIDE PANEL	200 mm	200 mm	200 mm
DIAGONAL GRID	—	□	□
SCALE	—	■	■
STYLES	see page 126	see page 98	see page 96

■ Standard

□ available against surcharge

— not available





**STEEL  
PLASMA NITRIDED**

**STAINLESS STEEL**

**BASIC**

Steel S355J2+N



approx. 480-560

Stainless Steel X5CrNi18-10 (1.4301)



approx. 266-382

Steel S355J2+N



approx. 200-230

approx. 24.5-27 mm

200 mm

approx. 24.5-27 mm

200 mm

approx. 24.5-27 mm

No side panel:  
Thread holes on 4 sides



see page 92

see page 88

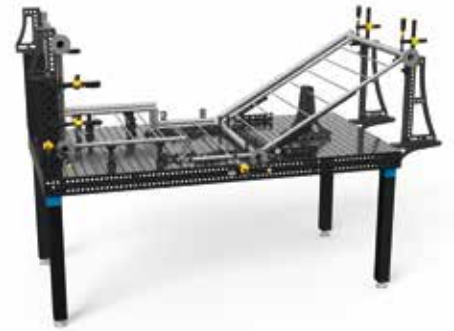
## Siegmund - table fleet System 16



	PROFESSIONAL EXTREME 750	STEEL PLASMA NITRIDED
MATERIAL	through-hardened tool steel	Steel S355J2+N
PLASMA NITRATION	■	■
VICKERS	approx. 750	approx. 480-560
MATERIAL THICKNESS	approx. 11.5-13 mm	approx. 11.5-13 mm
TABLE SIDE PANEL	100 mm	100 mm
DIAGONAL GRID	□	□
SCALE	■	■
STYLES	see page 444	

■ Standard      □ available against surcharge      — not available





STAINLESS STEEL

BASIC  
PLASMA NITRIDED

Stainless Steel X5CrNi18-10 (1.4301)

Steel S355J2+N

—

■

approx. 266-382

approx. 480-560

approx. 11.5-13 mm

approx. 11.5-13 mm

100 mm

50 mm

□

—

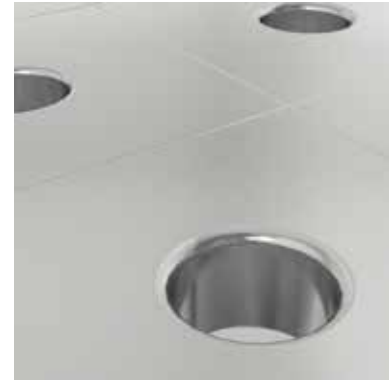
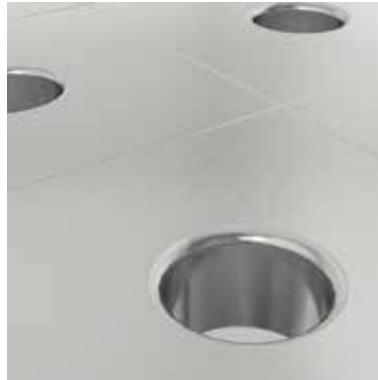
■

■

see page 440

see page 436

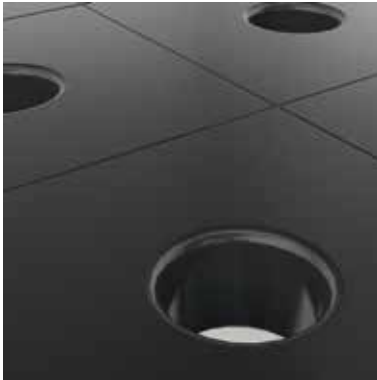
## Materials by comparison



Material properties for tables rated by Siegmund:

		Steel S355J2+N	Stainless Steel X5CrNi18-10 (1.4301)
Hardness		★ ★ ★	★ ★ ★ ★ ★
Corrosion resistance		★	★ ★ ★ ★ ★ ★ ★ ★
Spot Load		★ ★ ★	★ ★ ★ ★ ★
Scratch-proof		★ ★	★ ★ ★
Impact-proof		★ ★	★ ★ ★
Life span		★ ★	★ ★ ★ ★ ★
Flatness	new	★ ★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
	highly loaded	★ ★	★ ★ ★
Price / Performance		★ ★	★ ★
Welding spatter protection		★	★ ★
★ Totaling		24 / 100	37 / 100
		<p>Raw material: Material number 1.0570 Steel grade DIN ST52-3 N Steel grade EN S355J2+N EN norm 10025</p> <p>Range of application: Suitable for all heavy superstructures in the metal processing industry.</p>	<p>In the industry frequently tables made of stainless steel type DIN 1.4301 are used.</p> <p>The top surface as well as the side surfaces are manufactured of stainless steel. The ribbing and the base plates are made of standard steel. If requested, we also offer these parts in stainless steel.</p> <p>For cost efficiency, the material thickness of the stainless steel light version was reduced from 25 mm to 15 mm. The difference in thickness can be compensated with a 10 mm adjusting ring.</p>





Steel Plasma nitrided	Professional Extreme 750 (tool steel plasma-nitrided)	Professional Extreme 850 (tool steel plasma-nitrided)
★★★★★	★★★★★★★	★★★★★★★★★★★
★★★★★★	★★★★★★	★★★★★★
★★★★★	★★★★★★	★★★★★★★
★★★★★★	★★★★★★	★★★★★★★
★★★	★★★★★★	★★★★★★★★★★★
★★★★★★	★★★★★★	★★★★★★★
★★★★★★	★★★★★★	★★★★★★
★★★★★	★★★★★★	★★★★★★
★★★★★★	★★★★★★★	★★★★★★★
★★★★★★	★★★★★★	★★★★★★★
48 / 100	60 / 100	71 / 100

Properties of S355J2+N (St 52/3) steel **plus** plasma nitration:

Properties of through-hardened tool steel **plus** plasma nitration:

Properties of through-hardened tool steel **plus** plasma nitration:

Siegmund is the only manufacturer, offering as a standard feature a welding table, made of extremely resilient through-hardened tool steel. This premium steel is frequently used in applications with extremely high workloads. An outstanding feature is its extraordinary levelness and even surface finish, as well as its high resistance against stroke impact. Through-hardened tool steel is much harder and resilient than standard steel.

Plasma nitration by Siegmund represents a currently unrivaled surface hardening and tempering treatment. You should not accept anything less. The chemo-thermal procedure of plasma nitration results in more wear-free, corrosion-resistant and durable surfaces. Plasma nitration is one of the most environmentally friendly hardening procedures, as it only requires nitrogen, hydrogen and oxygen for the hardening process. These gases represent the main constituents of air. An investment that pays for itself! By at least doubling the life span, plasma nitration is always profitable! The clamping force of the bolt is substantially increased. At the same time the loadability of the table is increased by approx. 20-30%.

# Borehole grid and scaling



**16**  
**+28**



**100 MM GRID / 50 MM GRID**

The most prevalent borehole grid and lattice for welding- and clamping tables is 100 mm (System 28) and 50 mm (System 16). The elongated holes of the system elements are perfectly aligned.

**28**



**DIAGONAL GRID**

The diagonal grid offers twice as many clamping options in the diagonal position. Take advantage of the increased flexibility for even more creativity.

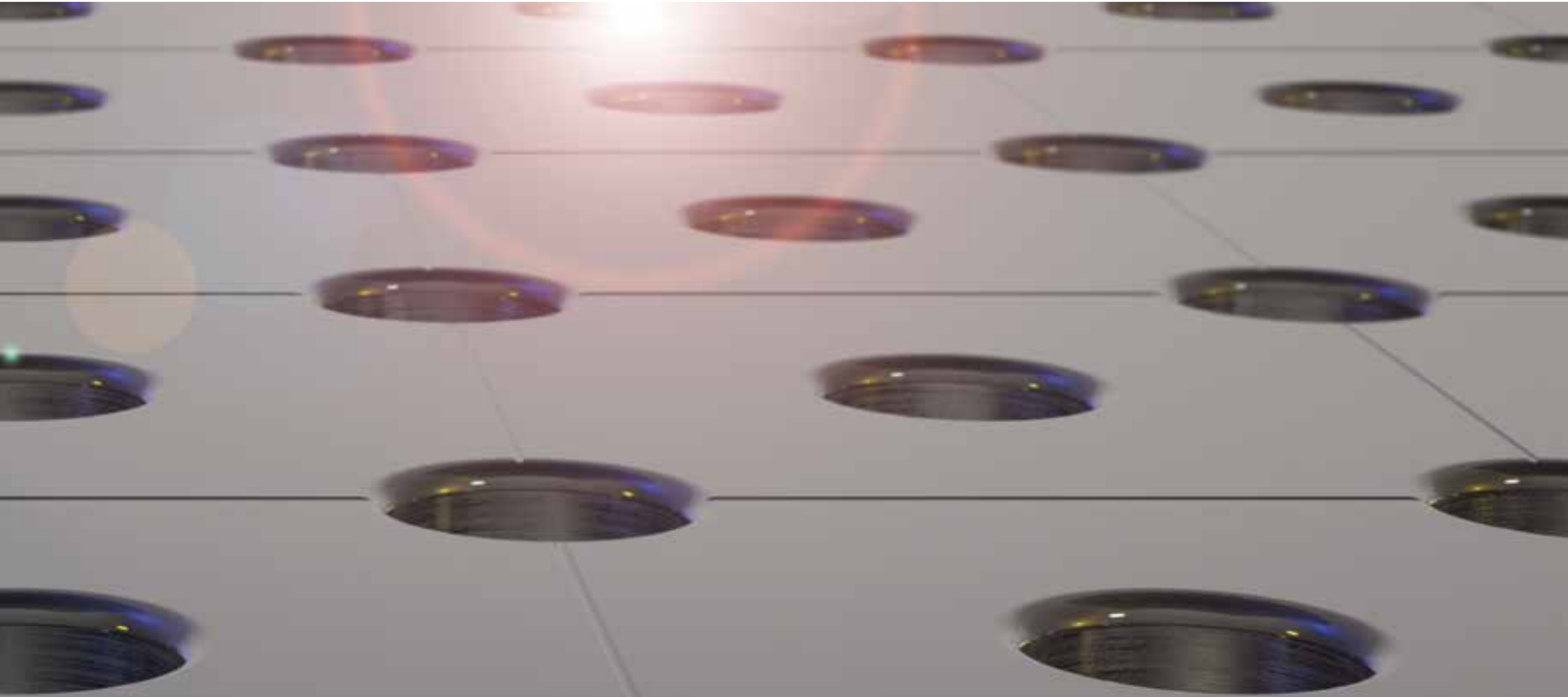
**16**  
**+28**



**DIAGONAL GRID  
M8 / M12 / M16 THREAD**

A special grid with thread holes allows you to work with your individual tools and devices.





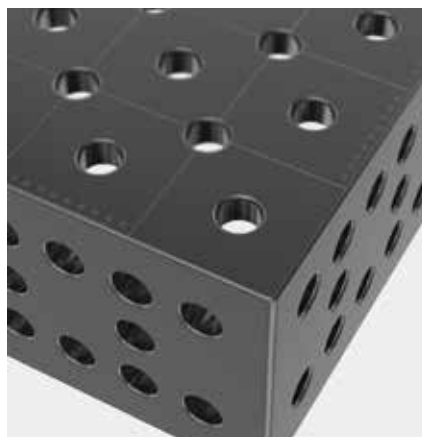
**28**



**50 MM GRID**

The 50 mm grid offers twice as many clamping options as the 100 mm grid. Take advantage of the increased flexibility for even more creativity.

**16  
+  
28**



**DIAGONAL GRID FOR TABLE SIDES**

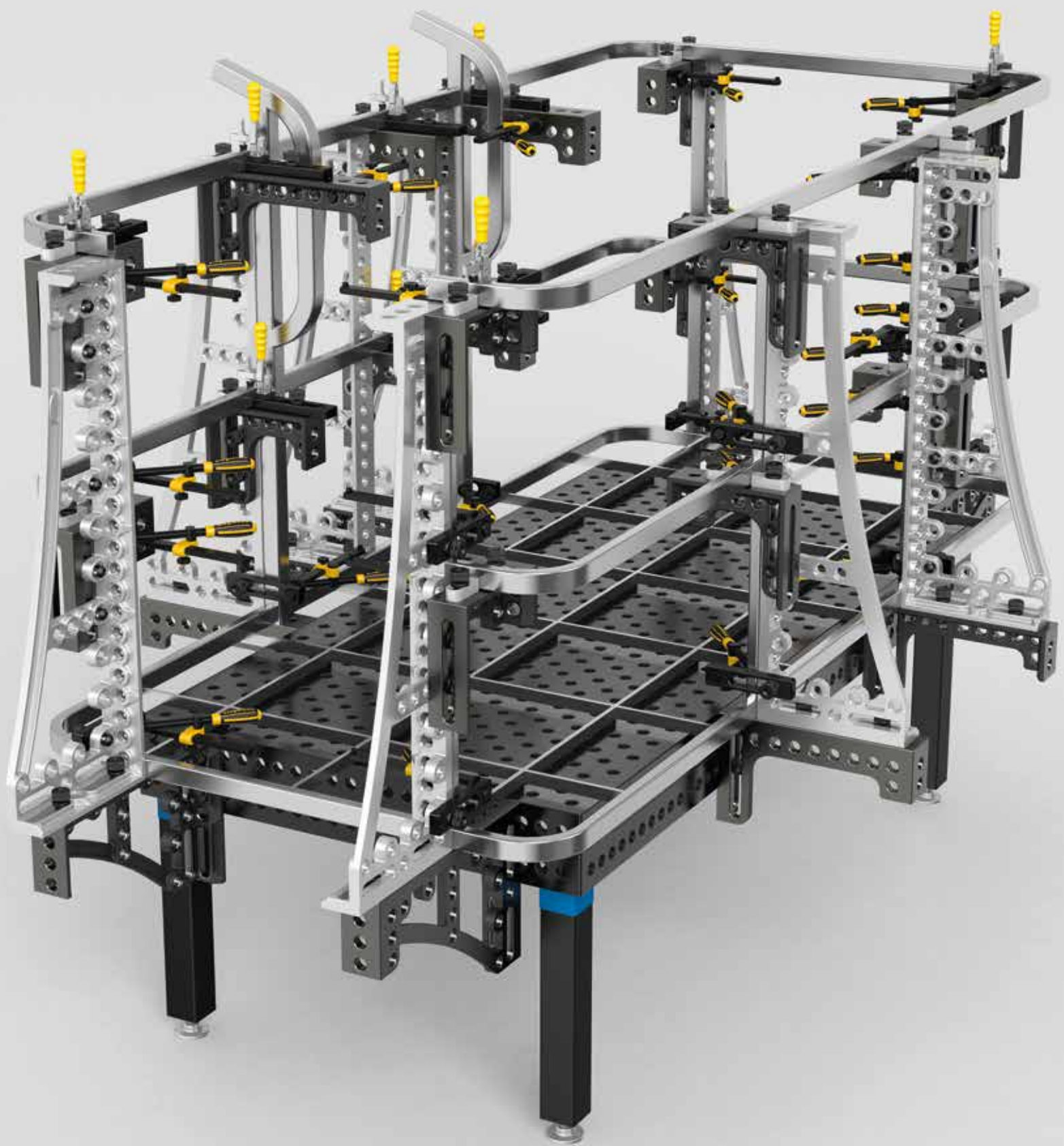
The diagonal grid on the side panel gives you additional clamping options.

**16  
+  
28**







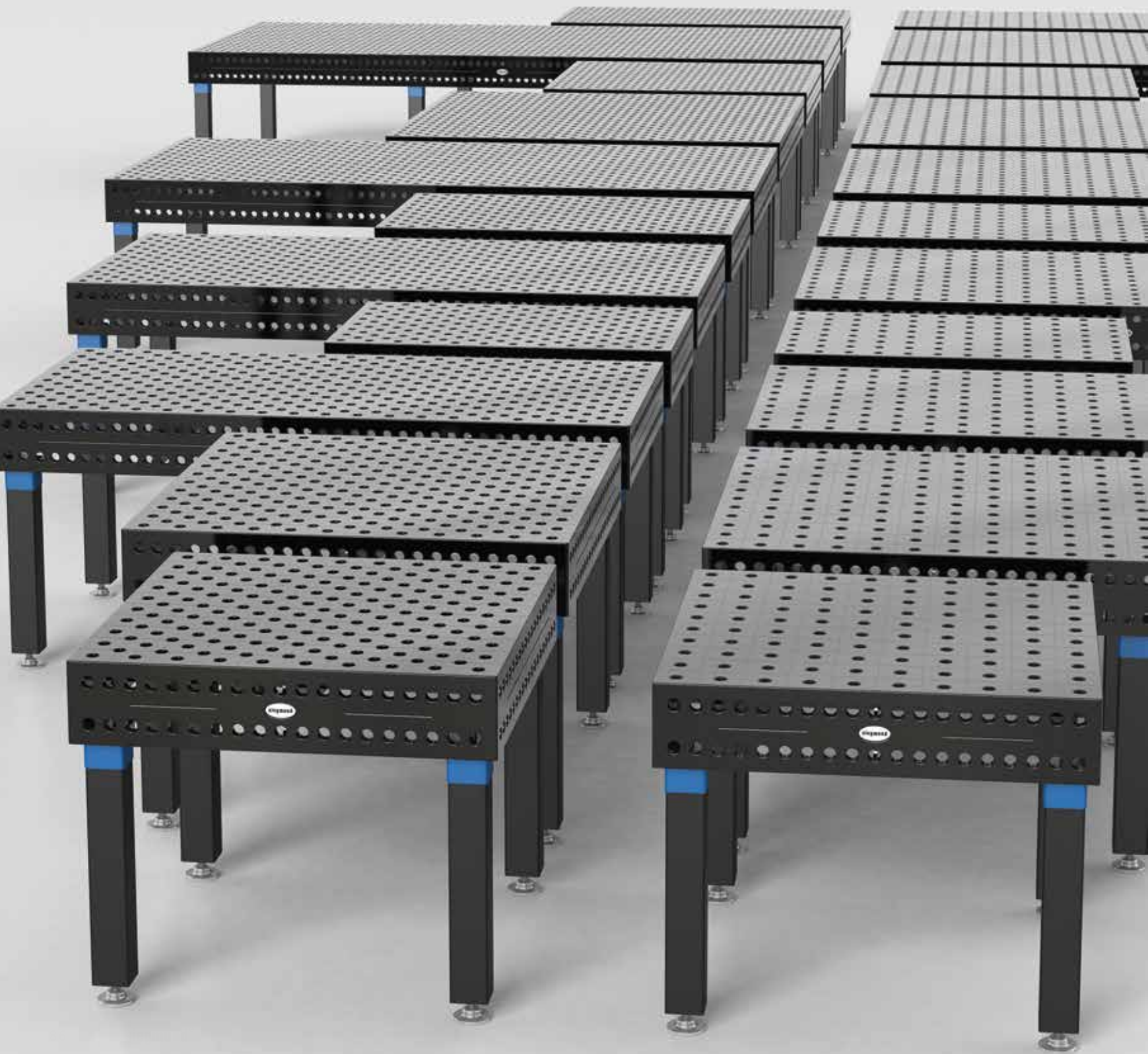
**SCALING**

4-sided revolving scale.



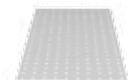


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Basic



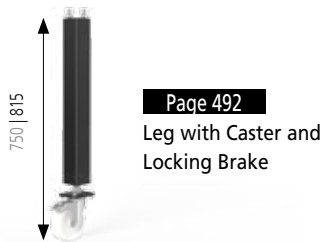
## BASIC

Basic tables are manufactured of S355J2+N (St 52/3) steel. They are suited for working on light superstructures. Since the steel tables are not nitrided and coated, their surface is more susceptible to welding spatters and corrosion.

You can also find the product video on:

[www.siegmund.com/V281020](http://www.siegmund.com/V281020)

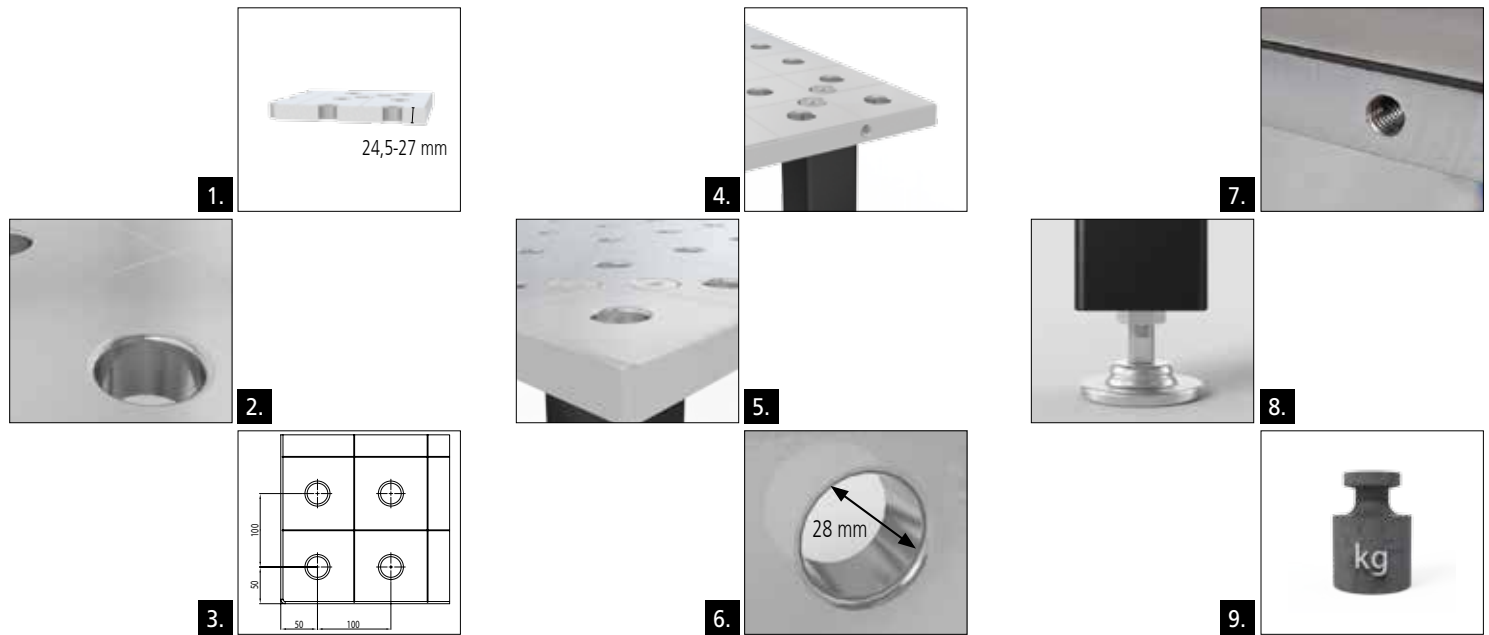
### TABLE LEGS



Leg heights in mm. The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.

For System 28 Basic-Tables only System 16 table legs are suitable.





**1. MATERIAL THICKNESS**

approx. 24.5-27 mm

**2. MATERIAL**

Premium Steel S355J2+N (St 52/3)\*

**VICKERS HARDNESS GRADE**

Basic hardness: approx. 200-230

\* no nitration and coating to protect against corrosion and welding spatters. The only protection against welding spatters is guaranteed by using anti-spatter spray.

**3. DATA**

- borehole spacing 100 mm
- Grid element spacing 100 mm

**4. TABLE SIDE PANEL**

n/a

**5. ELABORATE RADIUSSES**

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

**6. SYSTEM BOREHOLE**

- Ø 28.15 mm

**Radius R3 for boreholes on the table surface:**

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- large chamfer on table underside for maximum clamping force of bolts (see page 300)

**7. THREADED BORE HOLE**

- all System 28 Basic Tables incl. thread holes every 200 mm on 4 sides
- M12 thread for threaded bolt 280543

**8. TABLE LEGS**

- Square pipe 70x70 mm
- Base plate Ø 70 mm (made of twisted bulk material)
- Leg 40 mm vernier adjustment (Data only for leg with standard equipment)

**9. BEARING LOAD**

Bearing load per leg: max. 1,000 kg  
 Maximum recommended statistical overall load:  
 with 4 legs = 2,000 kg  
 with 6 legs = 3,000 kg  
 based on even load distribution.  
 (Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

## Basic Welding Table



### Description:

The Table Basic has a horizontal / vertical hole arrangement in a 100 mm grid on the table top. The diameter of the bore holes is 28 mm, the thickness of the material is approximately 24,5-27 mm and it is manufactured with high-quality S355J2+N (St 52/3 Steel). Grid lines spaced at 100 mm help facilitate an effortless setup.

The table top has no ribbing and is milled on 5 sides. The table has thread holes on all sides. It is possible to fixate stops on the sides of the table in distances of 200 mm through M12 thread holes.

Please find different table leg options starting page 486.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).







	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Basic Steel S355J2+N
<b>Basic 1000x1000x25</b> with Leg Standard equipment 815 Table height 850	4	1000 mm	1000 mm	25 mm	approx. 255 kg	2-281010 ●
<b>Basic 1500x1000x25</b> with Leg Standard equipment 815 Table height 850	4	1500 mm	1000 mm	25 mm	approx. 370 kg	2-281035 ●
<b>Basic 2000x1000x25</b> with Leg Standard equipment 815 Table height 850	4	2000 mm	1000 mm	25 mm	approx. 495 kg	2-281020 ●
<b>Basic 2000x1200x25</b> with Leg Standard equipment 815 Table height 850	4	2000 mm	1200 mm	25 mm	approx. 615 kg	2-281060 ●
<b>Basic 2400x1200x25</b> with Leg Standard equipment 815 Table height 850	6	2400 mm	1200 mm	25 mm	approx. 700 kg	2-281030 ●
<b>Basic 3000x1500x25</b> with Leg Standard equipment 815 Table height 850	6	3000 mm	1500 mm	25 mm	approx. 1080 kg	2-281040 ●
<b>Table Connection incl. Allen screws (2 pieces)</b> - for Table Basic system 28		100 mm	50 mm	24 mm	approx. 0.48 kg	2-281091 ●
<b>Side-stop Set</b> - consisting of 8x Stop (160415), 8x Bolt (280543)						2-281700 ●

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.

Weight = Table + Pallet + Leg Standard equipment

Stainless Steel / Stainless Steel Light



## STAINLESS STEEL

Stainless Steel Tables are suited for work on stainless steel components, especially if very high corrosion requirements are imposed, e.g. pharmaceutical and food industry.

By equipping the tables with a diagonal grid the clamping options are nearly doubled.

## STAINLESS STEEL LIGHT

For cost savings, the material thickness of the stainless steel light version was reduced from 25 mm to 15 mm. Since a bolt requires a clamping range of 50 mm, the lower material thickness can be compensated by an Adjusting Ring (Item No. 280653) with a thickness of 10 mm.

By equipping the tables with a diagonal grid the clamping options are nearly doubled.

You can also find the product video on:

[www.siegmund.com/V280020.E](http://www.siegmund.com/V280020.E)

## TABLE LEGS



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Leg standard equipment



**Page 156**  
Leg with Caster and Locking Brake



**Page 154**  
Leg height-adjustable



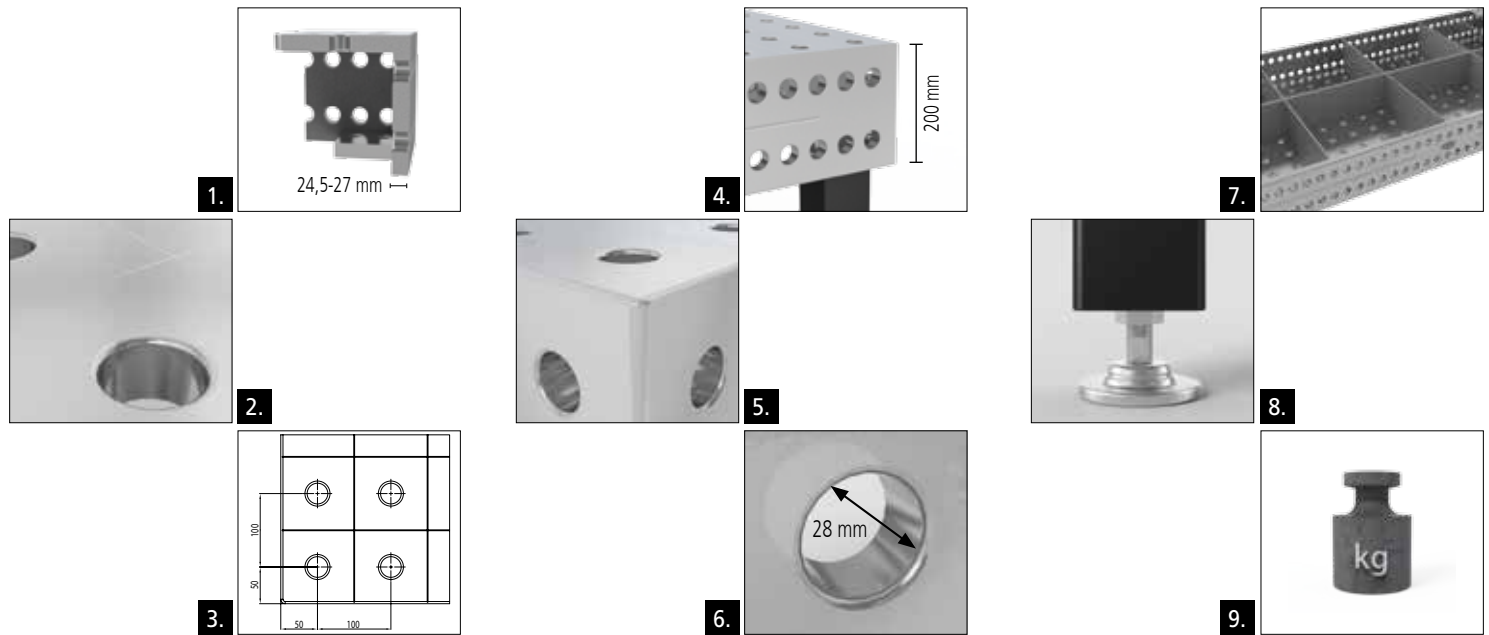
**Page 157**  
Leg height-adjustable with Caster and Locking Brake



**Page 158**  
Leg with Floor Anchoring

Leg heights in mm.  
The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.





#### 1. MATERIAL THICKNESS

- approx. 24.5-27 mm (stainless steel)
- approx. 14.5-17 mm (stainless steel light)

#### 2. MATERIAL

premium stainless steel X5CrNi18-10 (1.4301)

#### VICKERS HARDNESS GRADE

Basic hardness: approx. 266-382

#### 3. DATA

- borehole spacing 100 mm
- Grid element spacing 100 mm

#### 4. TABLE SIDE PANEL

- 200 mm high
- additional boreholes enable parallel clamping in 50 mm grid

#### 5. ELABORATE RADIUSSES

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

#### 6. SYSTEM BOREHOLE

- Ø 28.15 mm

#### Radius R3 for boreholes on the table surface:

(N/A with stainless steel light)

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- large chamfer on table underside for maximum clamping force of bolts (see page 300)

#### 7. RIBBING

- spaced apart approx. 500-600 mm
- raised ribbing

#### 8. TABLE LEGS

- Square pipe 90x90 mm
- Base plate Ø 90 mm (made of twisted bulk material)
- Leg 50 mm vernier adjustment (Data only for leg with standard equipment)

#### 9. BEARING LOAD

Bearing load per leg: 2,000 kg  
 Maximum recommended statistical bearing load:  
 with 4 legs = 4,000 kg  
 with 6 legs = 6,000 kg  
 with 8 legs = 8,000 kg  
 based on even load distribution.  
 (Data only for leg with standard equipment)

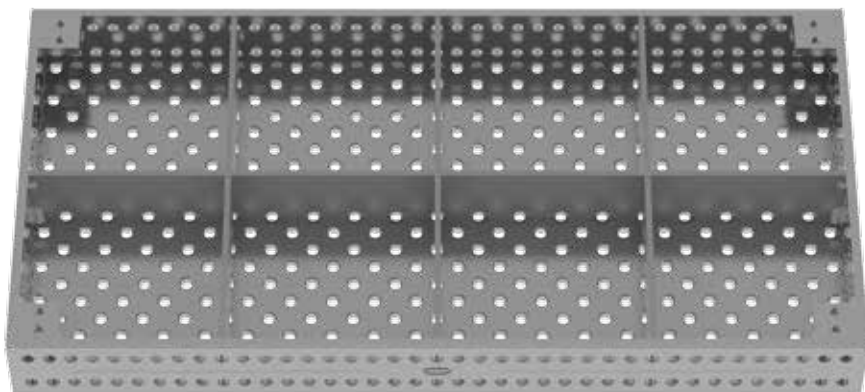
*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

## Stainless Steel / Stainless Steel Light Welding Table



Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Stainless Steel Table with horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm, the thickness of the material is 24,5-27 mm. It is manufactured of high quality stainless steel X5CrNi18-10 (V2A). Grid lines spaced 100 mm apart simplify the set-up of your equipment.

The stainless steel light welding table has a material thickness of 14,5-17 mm. When using clamping bolts a adjusting ring (Item No. 280653) is required for distance compensation.

Please find an overview with all information on table leg models on page 150.

Stainless Steel Tables also available with lifting platform and connecting frame.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



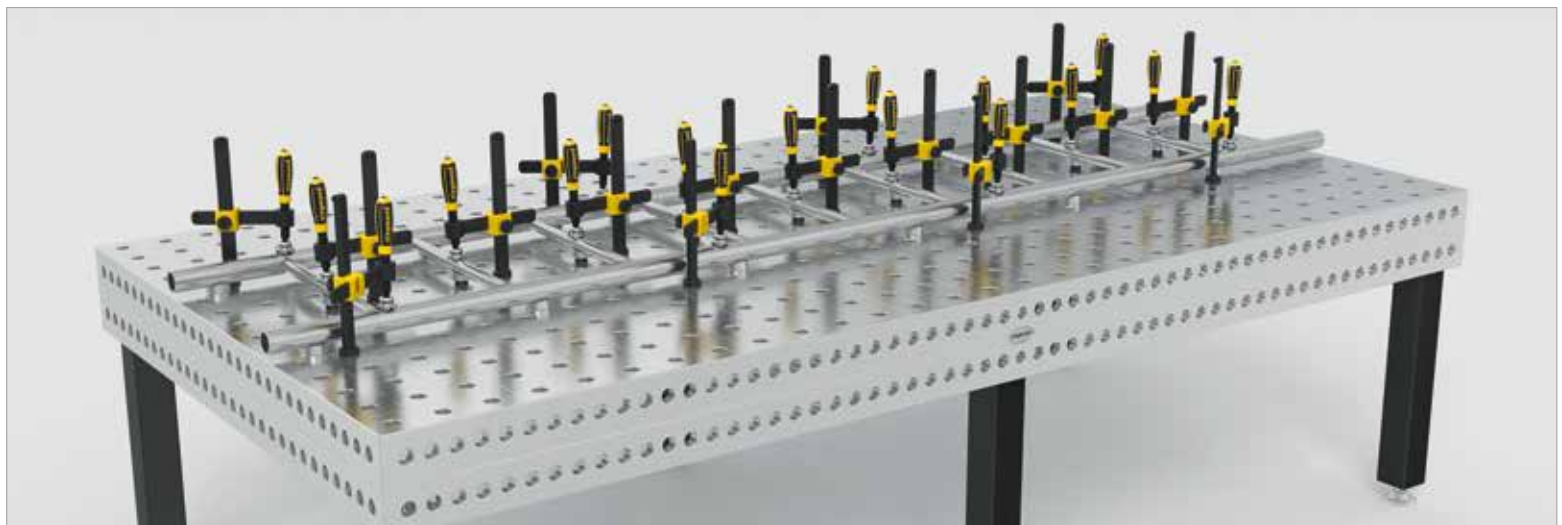


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight Stainless Steel:	Stainless Steel	Stainless Steel Light
<b>Professional 1000x1000x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 435 kg	2-280010.E ○	2-800010.E ○
<b>Professional 1200x800x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 425 kg	2-280025.E ○	2-800025.E ○
<b>Professional 1200x1200x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 565 kg	2-280015.E ○	2-800015.E ○
<b>Professional 1500x1000x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 595 kg	2-280035.E ○	2-800035.E ○
<b>Professional 1500x1500x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 830 kg	2-280050.E ○	2-800050.E ○
<b>Professional 2000x1000x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 780 kg	2-280020.E ○	2-800020.E ○
<b>Professional 2000x1200x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 890 kg	2-280060.E ○	2-800060.E ○
<b>Professional 2000x2000x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1355 kg	2-280045.E ○	2-800045.E ○
<b>Professional 2400x1200x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1035 kg	2-280030.E ○	2-800030.E ○
<b>Professional 3000x1500x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1580 kg	2-280040.E ○	2-800040.E ○
<b>Professional 4000x2000x200 Stainless Steel</b> with Leg Standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 2500 kg	2-280055.E ○	2-800055.E ○
<b>Additional sizes upon request</b>							○

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.

Weight = Table + Pallet + Leg Standard equipment

## Professional Extreme 750

**NEW**

**SURFACE  
HARDNESS  
750 VICKERS!**



## PROFESSIONAL EXTREME 750

Professional Extreme 750 Tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the table it is especially suited for working with extremely heavy components.

By equipping the tables with a diagonal grid the clamping options are nearly doubled.

You can also find the product video on:

[www.siegmund.com/V280020.X](http://www.siegmund.com/V280020.X)



### TABLE LEGS



**Page 152**  
Leg standard equipment



**Page 156**  
Leg with Caster and Locking Brake



**Page 154**  
Leg height-adjustable



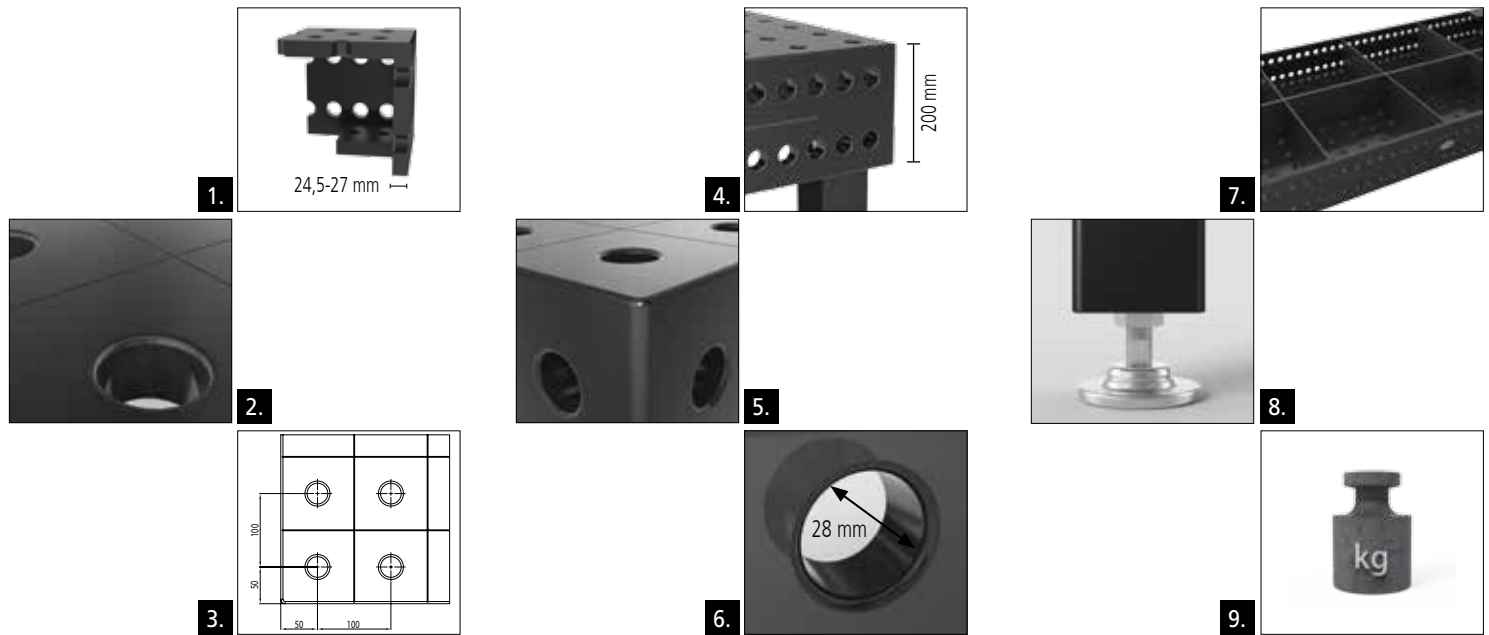
**Page 157**  
Leg height-adjustable with Caster and Locking Brake



**Page 158**  
Leg with Floor Anchoring

Leg heights in mm.  
The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.





### 1. MATERIAL THICKNESS

approx. 24.5-27 mm

### 2. MATERIAL

through-hardened tool steel\*  
+ plasma nitration

### VICKERS HARDNESS GRADE

Table top:  
Surface hardness: approx. 750

Table side:  
Surface hardness: approx. 550

\* The four side faces are still constructed from our standard, high quality S355J2+N (St 52/3) Steel to provide the ideal balance of properties for performance, durability, and cost.

### 3. DATA

- borehole spacing 100 mm
- Grid element spacing 100 mm

### 4. TABLE SIDE PANEL

- 200 mm high
- additional boreholes enable parallel clamping in 50 mm grid

### 5. ELABORATE RADIUSSES

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

### 6. SYSTEM BOREHOLE

- Ø 28.15 mm

#### Radius R3 for boreholes on the table surface:

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- less adherence of welding spatters on bore edges
- less damages on bore edges while moving heavy components
- large chamfer on table underside for maximum clamping force of bolts (see page 300)

### 7. RIBBING

- spaced apart approx. 500-600 mm
- raised ribbing

### 8. TABLE LEGS

- Square pipe 90x90 mm
- Base plate Ø 90 mm (made of twisted bulk material)
- Leg 50 mm vernier adjustment (Data only for leg with standard equipment)

### 9. BEARING LOAD

Bearing load per leg: 2,000 kg  
Maximum recommended statistical bearing load:  
with 4 legs = 4,000 kg  
with 6 legs = 6,000 kg  
with 8 legs = 8,000 kg  
based on even load distribution.  
(Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

## Professional Extreme 850



**SURFACE  
HARDNESS  
850 VICKERS!**

## PROFESSIONAL EXTREME 850

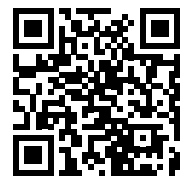
Professional Extreme 850 Tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Due to the extremely tough surface construction, these tables offer high resistance against stroke effects and corrosion. Based on the increased load capacity of the table it is especially suited for working with extremely heavy components.

By equipping the tables with a diagonal grid the clamping options are nearly doubled.



You can also find the product video on:

[www.siegmund.com/Vhardness](http://www.siegmund.com/Vhardness)



### TABLE LEGS



**Page 152**  
Leg standard equipment



**Page 156**  
Leg with Caster and Locking Brake



**Page 154**  
Leg height-adjustable



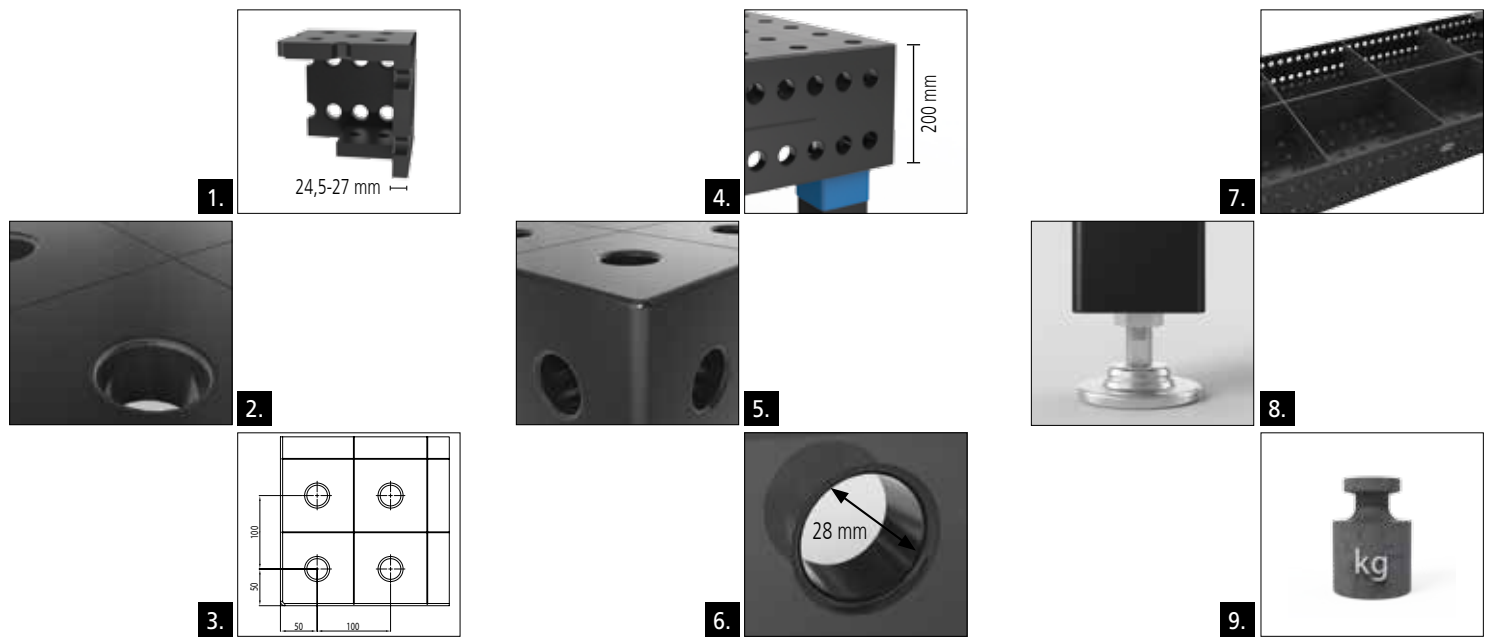
**Page 157**  
Leg height-adjustable with Caster and Locking Brake



**Page 158**  
Leg with Floor Anchoring

Leg heights in mm.  
The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.





### 1. MATERIAL THICKNESS

approx. 24.5-27 mm

### 2. MATERIAL

through-hardened tool steel\*  
+ plasma nitration

### VICKERS HARDNESS GRADE

Table top:  
Surface hardness: approx. 850

Table side:  
Surface hardness: approx. 550  
optional:  
Surface hardness: approx. 850

\* The four side faces are still constructed from our standard, high quality S355J2+N (St 52/3) Steel to provide the ideal balance of properties for performance, durability, and cost.

### 3. DATA

- borehole spacing 100 mm
- Grid element spacing 100 mm

### 4. TABLE SIDE PANEL

- 200 mm high
- additional boreholes enable parallel clamping in 50 mm grid

### 5. ELABORATE RADIUSSES

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

### 6. SYSTEM BOREHOLE

- Ø 28.15 mm

#### Radius R3 for boreholes on the table surface:

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- less adherence of welding spatters on bore edges
- less damages on bore edges while moving heavy components
- large chamfer on table underside for maximum clamping force of bolts (see page 300)

### 7. RIBBING

- spaced apart approx. 500-600 mm
- raised ribbing

### 8. TABLE LEGS

- Square pipe 90x90 mm
- Base plate Ø 90 mm (made of twisted bulk material)
- Leg 50 mm vernier adjustment (Data only for leg with standard equipment)

### 9. BEARING LOAD

Bearing load per leg: at least 2,000 kg  
Maximum recommended statistical bearing load:  
with 4 legs = 4,000 kg  
with 6 legs = 6,000 kg  
with 8 legs = 8,000 kg  
based on even load distribution.  
(Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

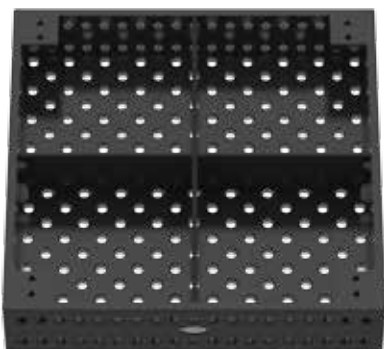
*Please consult with manufacturer if higher overall loads are required.*

Professional Extreme 750 / Professional Extreme 850  
1000x1000x200 mm



Weight: approx. 435 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 1000x1000x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


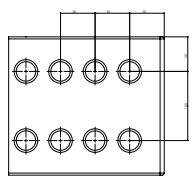
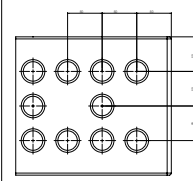
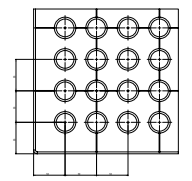
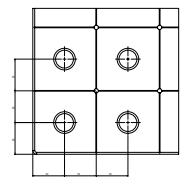
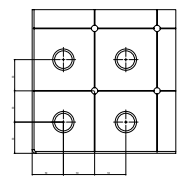
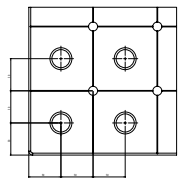
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
1000x1000x200 mm

1000x1000x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280010.X7.T1 ○	2-280010.XD7.T1 ●	2-280010.X.T1 ○	2-280010.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280010.X7 ○	2-280010.XD7 ●	2-280010.X ○	2-280010.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280010.X7.1 ○	2-280010.XD7.1 ●	2-280010.X.1 ○	2-280010.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280011.X7 ○	2-280011.XD7 ●	2-280011.X ○	2-280011.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280012.X7 ○	2-280012.XD7 ●	2-280012.X ○	2-280012.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280012.X7.1 ○	2-280012.XD7.1 ●	2-280012.X.1 ○	2-280012.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280013.X7 ○	2-280013.XD7 ●	2-280013.X ○	2-280013.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280014.X7 ○	2-280014.XD7 ●	2-280014.X ○	2-280014.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280014.X7.1 ○	2-280014.XD7.1 ●	2-280014.X.1 ○	2-280014.XD.1 ○
<b>with Connecting Frame for Work Table 280010</b> Table height 850	2-280010.X7V ○	2-280010.XD7V ○	2-280010.XV ○	2-280010.XDV ○
<b>Hydraulic Lift for Work Table 280010 see page 162</b>				0-289084 ○

● = Stock item / ○ = Item is made to order

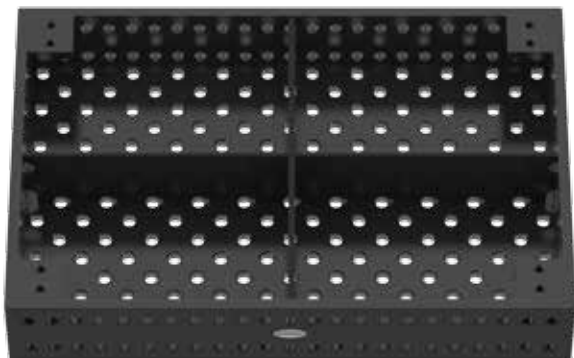
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid + Scale</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286710.X	2-286610.X	2-286510.X	2-286110.X	2-286210.X	2-286310.X

Professional Extreme 750 / Professional Extreme 850  
1200x800x200 mm



Weight: approx. 425 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



#### Description:

Professional Extreme Table 1200x800x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


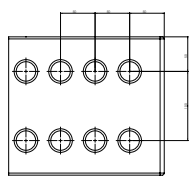
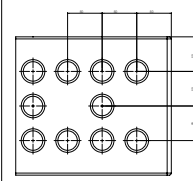
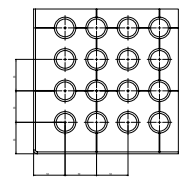
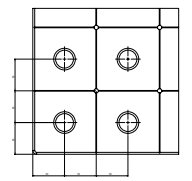
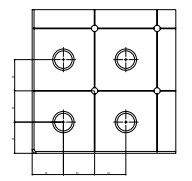
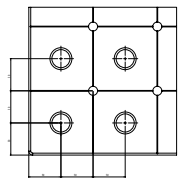
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
1200x800x200 mm

1200x800x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280025.X7.T1 ○	2-280025.XD7.T1 ●	2-280025.X.T1 ○	2-280025.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280025.X7 ○	2-280025.XD7 ●	2-280025.X ○	2-280025.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280025.X7.1 ○	2-280025.XD7.1 ●	2-280025.X.1 ○	2-280025.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280026.X7 ○	2-280026.XD7 ●	2-280026.X ○	2-280026.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280027.X7 ○	2-280027.XD7 ●	2-280027.X ○	2-280027.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280027.X7.1 ○	2-280027.XD7.1 ●	2-280027.X.1 ○	2-280027.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280028.X7 ○	2-280028.XD7 ●	2-280028.X ○	2-280028.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280029.X7 ○	2-280029.XD7 ●	2-280029.X ○	2-280029.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280029.X7.1 ○	2-280029.XD7.1 ●	2-280029.X.1 ○	2-280029.XD.1 ○
<b>with Connecting Frame for Work Table 280025</b> Table height 850	2-280025.X7V ○	2-280025.XD7V ○	2-280025.XV ○	2-280025.XDV ○
<b>Hydraulic Lift for Work Table 280025 see page 162</b>				0-289905 ○

● = Stock item / ○ = Item is made to order

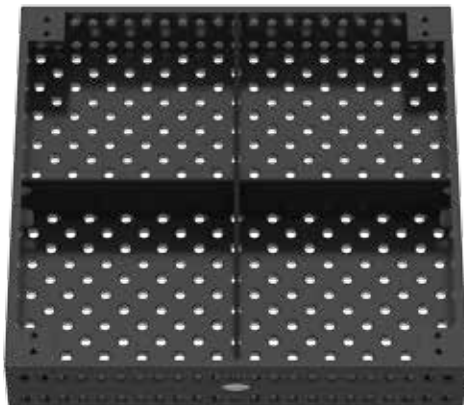
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for 50 mm grid</p>	<b>Surcharge for table sides double hardened</b>  (see page 98)	<b>Surcharge Diagonal Grid for table sides</b>  (see page 82)	<b>Surcharge 50 mm Grid</b>  (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b>  (see page 82)		
						
Professional Extreme	2-286725.X	2-286625.X	2-286525.X	2-286125.X	2-286225.X	2-286325.X

Professional Extreme 750 / Professional Extreme 850  
1200x1200x200 mm



Weight: approx. 565 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 1200x1200x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


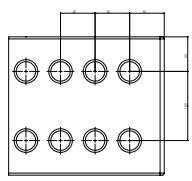
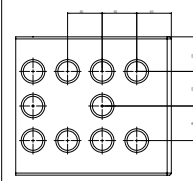
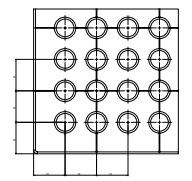
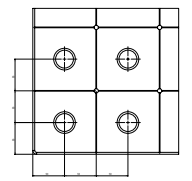
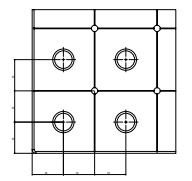
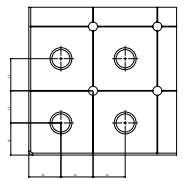
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
1200x1200x200 mm

1200x1200x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280015.X7.T1 ○	2-280015.XD7.T1 ●	2-280015.X.T1 ○	2-280015.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280015.X7 ○	2-280015.XD7 ●	2-280015.X ○	2-280015.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280015.X7.1 ○	2-280015.XD7.1 ●	2-280015.X.1 ○	2-280015.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280016.X7 ○	2-280016.XD7 ●	2-280016.X ○	2-280016.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280017.X7 ○	2-280017.XD7 ●	2-280017.X ○	2-280017.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280017.X7.1 ○	2-280017.XD7.1 ●	2-280017.X.1 ○	2-280017.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280018.X7 ○	2-280018.XD7 ●	2-280018.X ○	2-280018.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280019.X7 ○	2-280019.XD7 ●	2-280019.X ○	2-280019.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280019.X7.1 ○	2-280019.XD7.1 ●	2-280019.X.1 ○	2-280019.XD.1 ○
<b>with Connecting Frame for Work Table 280015</b> Table height 850	2-280015.X7V ○	2-280015.XD7V ○	2-280015.XV ○	2-280015.XDV ○
<b>Hydraulic Lift for Work Table 280015 see page 162</b>				0-289239 ○

● = Stock item / ○ = Item is made to order

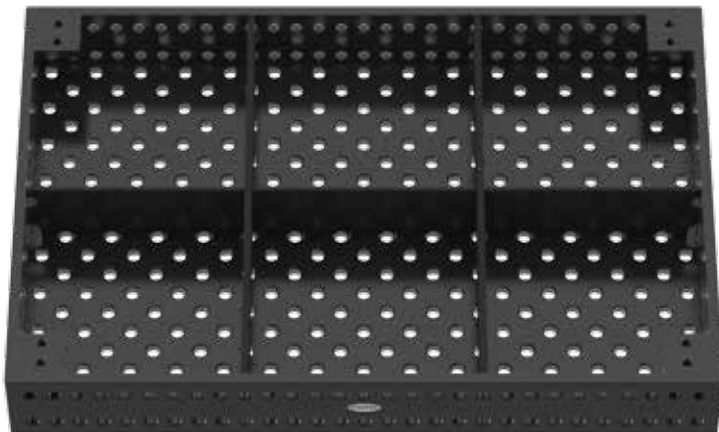
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for Alignment Scale</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286715.X	2-286615.X	2-286515.X	2-286115.X	2-286215.X	2-286315.X

Professional Extreme 750 / Professional Extreme 850  
1500x1000x200 mm



Weight: approx. 595 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 1500x1000x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


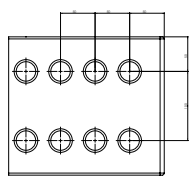
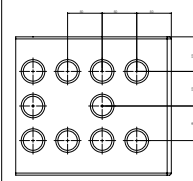
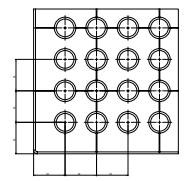
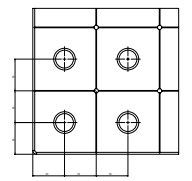
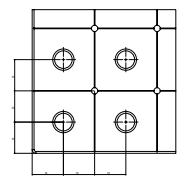
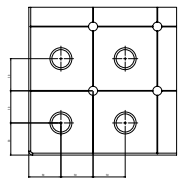
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
1500x1000x200 mm

1500x1000x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280035.X7.T1 ○	2-280035.XD7.T1 ●	2-280035.X.T1 ○	2-280035.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280035.X7 ○	2-280035.XD7 ●	2-280035.X ○	2-280035.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280035.X7.1 ○	2-280035.XD7.1 ●	2-280035.X.1 ○	2-280035.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280036.X7 ○	2-280036.XD7 ●	2-280036.X ○	2-280036.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280037.X7 ○	2-280037.XD7 ●	2-280037.X ○	2-280037.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280037.X7.1 ○	2-280037.XD7.1 ●	2-280037.X.1 ○	2-280037.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280038.X7 ○	2-280038.XD7 ●	2-280038.X ○	2-280038.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280039.X7 ○	2-280039.XD7 ●	2-280039.X ○	2-280039.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280039.X7.1 ○	2-280039.XD7.1 ●	2-280039.X.1 ○	2-280039.XD.1 ○
<b>with Connecting Frame for Work Table 280035</b> Table height 850	2-280035.X7V ○	2-280035.XD7V ○	2-280035.XV ○	2-280035.XDV ○
<b>Hydraulic Lift for Work Table 280035 see page 162</b>				0-289132 ○

● = Stock item / ○ = Item is made to order

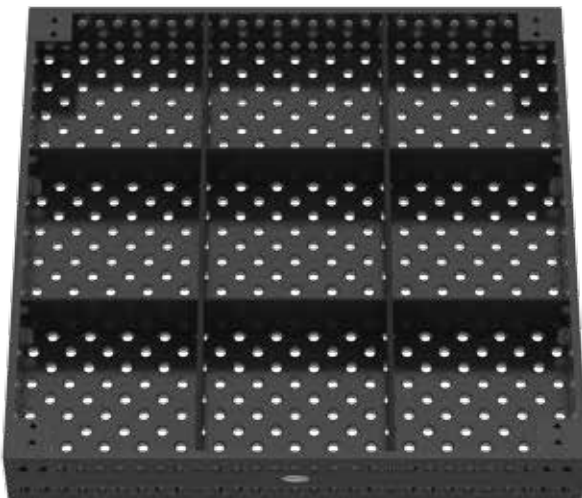
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid M8</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286735.X	2-286635.X	2-286535.X	2-286135.X	2-286235.X	2-286335.X

Professional Extreme 750 / Professional Extreme 850  
1500x1500x200 mm



Weight: approx. 830 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 1500x1500x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


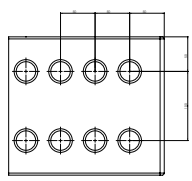
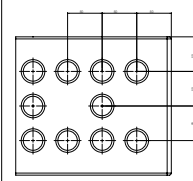
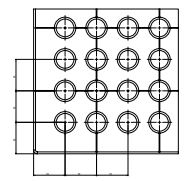
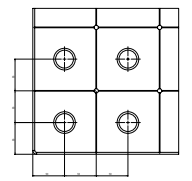
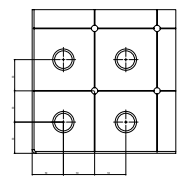
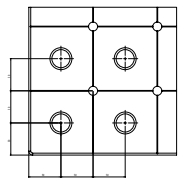
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
1500x1500x200 mm

1500x1500x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280050.X7.T1 ○	2-280050.XD7.T1 ●	2-280050.X.T1 ○	2-280050.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280050.X7 ○	2-280050.XD7 ●	2-280050.X ○	2-280050.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280050.X7.1 ○	2-280050.XD7.1 ●	2-280050.X.1 ○	2-280050.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280051.X7 ○	2-280051.XD7 ●	2-280051.X ○	2-280051.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280052.X7 ○	2-280052.XD7 ●	2-280052.X ○	2-280052.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280052.X7.1 ○	2-280052.XD7.1 ●	2-280052.X.1 ○	2-280052.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280053.X7 ○	2-280053.XD7 ●	2-280053.X ○	2-280053.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280054.X7 ○	2-280054.XD7 ●	2-280054.X ○	2-280054.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280054.X7.1 ○	2-280054.XD7.1 ●	2-280054.X.1 ○	2-280054.XD.1 ○
<b>with Connecting Frame for Work Table 280050</b> Table height 850	2-280050.X7V ○	2-280050.XD7V ○	2-280050.XV ○	2-280050.XDV ○
<b>Hydraulic Lift for Work Table 280050 see page 162</b>				0-289088 ○

● = Stock item / ○ = Item is made to order

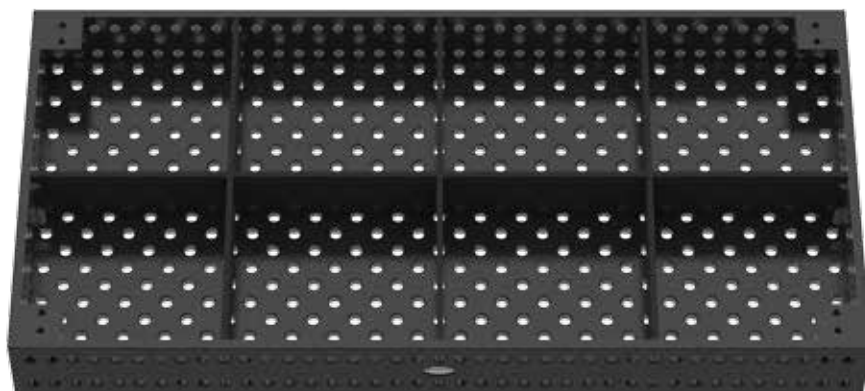
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid M12</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286750.X	2-286650.X	2-286550.X	2-286150.X	2-286250.X	2-286350.X

Professional Extreme 750 / Professional Extreme 850  
2000x1000x200 mm



Weight: approx. 780 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



**Description:**

Professional Extreme Table 2000x1000x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


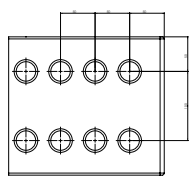
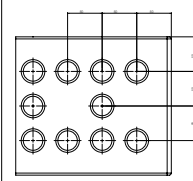
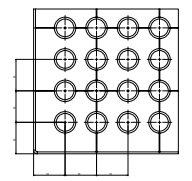
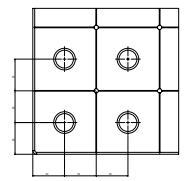
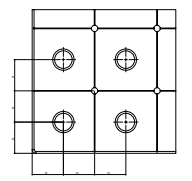
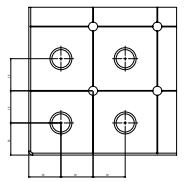
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
2000x1000x200 mm

2000x1000x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280020.X7.T1 ●	2-280020.XD7.T1 ●	2-280020.X.T1 ○	2-280020.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280020.X7 ●	2-280020.XD7 ●	2-280020.X ○	2-280020.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280020.X7.1 ●	2-280020.XD7.1 ●	2-280020.X.1 ○	2-280020.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280021.X7 ●	2-280021.XD7 ●	2-280021.X ○	2-280021.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280022.X7 ●	2-280022.XD7 ●	2-280022.X ○	2-280022.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280022.X7.1 ●	2-280022.XD7.1 ●	2-280022.X.1 ○	2-280022.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280023.X7 ●	2-280023.XD7 ●	2-280023.X ○	2-280023.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280024.X7 ●	2-280024.XD7 ●	2-280024.X ○	2-280024.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280024.X7.1 ●	2-280024.XD7.1 ●	2-280024.X.1 ○	2-280024.XD.1 ○
<b>with Connecting Frame for Work Table 280020</b> Table height 850	2-280020.X7V ○	2-280020.XD7V ○	2-280020.XV ○	2-280020.XDV ○
<b>Hydraulic Lift for Work Table 280020 see page 162</b>				0-289085 ○

● = Stock item / ○ = Item is made to order

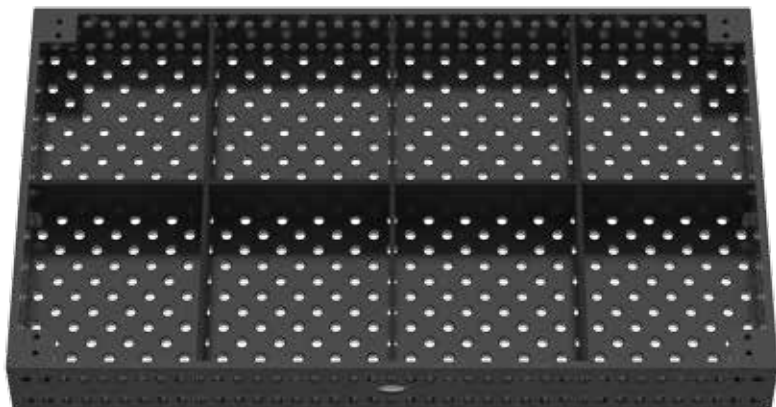
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid M16</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286720.X	2-286620.X	2-286520.X	2-286120.X	2-286220.X	2-286320.X

Professional Extreme 750 / Professional Extreme 850  
2000x1200x200 mm



Weight: approx. 890 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 2000x1200x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


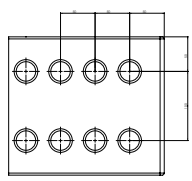
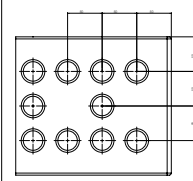
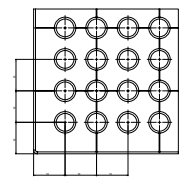
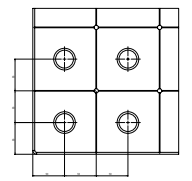
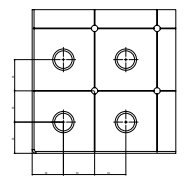
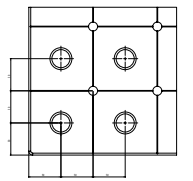
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
2000x1200x200 mm

2000x1200x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280060.X7.T1 ○	2-280060.XD7.T1 ●	2-280060.X.T1 ○	2-280060.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280060.X7 ○	2-280060.XD7 ●	2-280060.X ○	2-280060.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280060.X7.1 ○	2-280060.XD7.1 ●	2-280060.X.1 ○	2-280060.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280061.X7 ○	2-280061.XD7 ●	2-280061.X ○	2-280061.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280062.X7 ○	2-280062.XD7 ●	2-280062.X ○	2-280062.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280062.X7.1 ○	2-280062.XD7.1 ●	2-280062.X.1 ○	2-280062.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280063.X7 ○	2-280063.XD7 ●	2-280063.X ○	2-280063.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280064.X7 ○	2-280064.XD7 ●	2-280064.X ○	2-280064.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280064.X7.1 ○	2-280064.XD7.1 ●	2-280064.X.1 ○	2-280064.XD.1 ○
<b>with Connecting Frame for Work Table 280060</b> Table height 850	2-280060.X7V ○	2-280060.XD7V ○	2-280060.XV ○	2-280060.XDV ○
<b>Hydraulic Lift for Work Table 280060 see page 162</b>				0-289893 ○

● = Stock item / ○ = Item is made to order

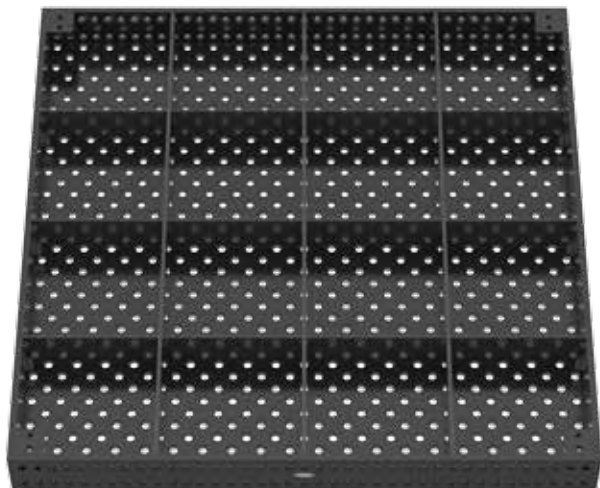
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid for table sides.</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
						
Professional Extreme	2-286760.X	2-286660.X	2-286560.X	M8 2-286160.X	M12 2-286260.X	M16 2-286360.X

Professional Extreme 750 / Professional Extreme 850  
2000x2000x200 mm



Weight: approx. 1.355 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 2000x2000x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


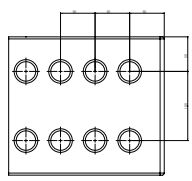
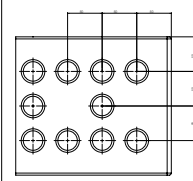
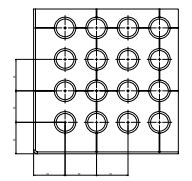
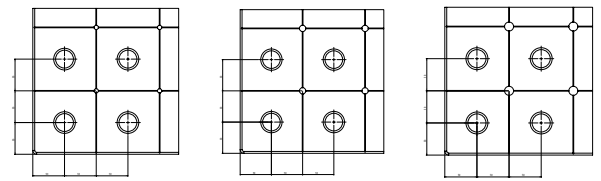
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
2000x2000x200 mm

2000x2000x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280045.X7.T1 ○	2-280045.XD7.T1 ●	2-280045.X.T1 ○	2-280045.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280045.X7 ○	2-280045.XD7 ●	2-280045.X ○	2-280045.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280045.X7.1 ○	2-280045.XD7.1 ●	2-280045.X.1 ○	2-280045.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280046.X7 ○	2-280046.XD7 ●	2-280046.X ○	2-280046.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280047.X7 ○	2-280047.XD7 ●	2-280047.X ○	2-280047.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280047.X7.1 ○	2-280047.XD7.1 ●	2-280047.X.1 ○	2-280047.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280048.X7 ○	2-280048.XD7 ●	2-280048.X ○	2-280048.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280049.X7 ○	2-280049.XD7 ●	2-280049.X ○	2-280049.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280049.X7.1 ○	2-280049.XD7.1 ●	2-280049.X.1 ○	2-280049.XD.1 ○
<b>with Connecting Frame for Work Table 280045</b> Table height 850	2-280045.X7V ○	2-280045.XD7V ○	2-280045.XV ○	2-280045.XDV ○
<b>Hydraulic Lift for Work Table 280045 see page 162</b>				0-289897 ○

● = Stock item / ○ = Item is made to order

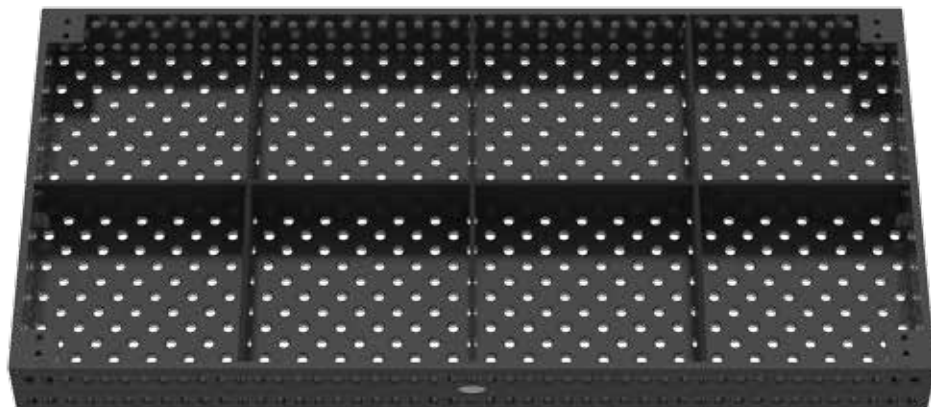
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for 100 mm grid</p>	<p><b>Surcharge for table sides double hardened</b> (see page 98)</p> 	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p> 	<p><b>Surcharge 50 mm Grid</b> (see page 82)</p> 	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p> 		
	Professional Extreme	2-286745.X	2-286645.X	2-286545.X	M8 2-286145.X	M12 2-286245.X

Professional Extreme 750 / Professional Extreme 850  
2400x1200x200 mm



Weight: approx. 1.035 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 2400x1200x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


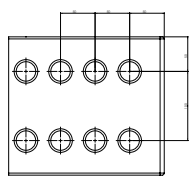
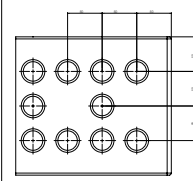
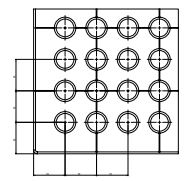
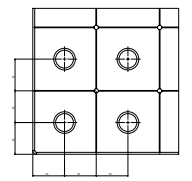
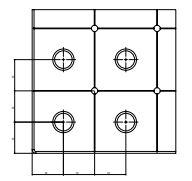
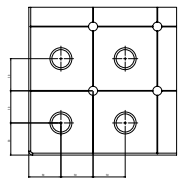
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
2400x1200x200 mm

2400x1200x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280030.X7.T1 ●	2-280030.XD7.T1 ●	2-280030.X.T1 ○	2-280030.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280030.X7 ●	2-280030.XD7 ●	2-280030.X ○	2-280030.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280030.X7.1 ●	2-280030.XD7.1 ●	2-280030.X.1 ○	2-280030.XD.1 ○
<b>with Leg with Caster and Locking Brake 650</b> Table height 850	2-280031.X7 ●	2-280031.XD7 ●	2-280031.X ○	2-280031.XD ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280032.X7 ●	2-280032.XD7 ●	2-280032.X ○	2-280032.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280032.X7.1 ●	2-280032.XD7.1 ●	2-280032.X.1 ○	2-280032.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280033.X7 ●	2-280033.XD7 ●	2-280033.X ○	2-280033.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280034.X7 ●	2-280034.XD7 ●	2-280034.X ○	2-280034.XD ○
<b>with Leg height-adjustable with Caster and Locking Brake 550-750</b> Table height 750-950	2-280034.X7.1 ●	2-280034.XD7.1 ●	2-280034.X.1 ○	2-280034.XD.1 ○
<b>with Connecting Frame for Work Table 280030</b> Table height 850	2-280030.X7V ○	2-280030.XD7V ○	2-280030.XV ○	2-280030.XDV ○
<b>Hydraulic Lift for Work Table 280030 see page 162</b>				0-289367 ○

● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for 50 mm grid</p>	<b>Surcharge for table sides double hardened</b>  (see page 98)	<b>Surcharge Diagonal Grid for table sides</b>  (see page 82)	<b>Surcharge 50 mm Grid</b>  (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b>  (see page 82)		
				 <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-286730.X	2-286630.X	2-286530.X	2-286130.X	2-286230.X	2-286330.X

Professional Extreme 750 / Professional Extreme 850  
3000x1500x200 mm



Weight: approx. 1.580 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



#### Description:

Professional Extreme Table 3000x1500x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


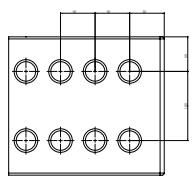
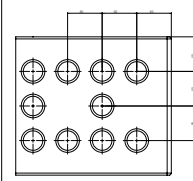
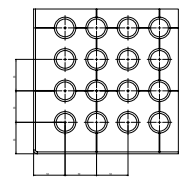
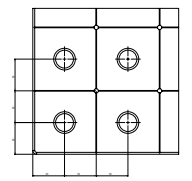
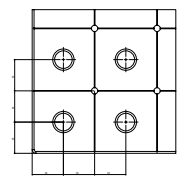
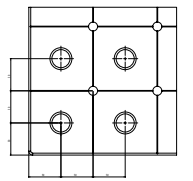
Please find an overview with all information on table leg models on page 150.



Professional Extreme 750 / Professional Extreme 850  
3000x1500x200 mm

3000x1500x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280040.X7.T1 ●	2-280040.XD7.T1 ●	2-280040.X.T1 ○	2-280040.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280040.X7 ●	2-280040.XD7 ●	2-280040.X ○	2-280040.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280040.X7.1 ●	2-280040.XD7.1 ●	2-280040.X.1 ○	2-280040.XD.1 ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280042.X7 ●	2-280042.XD7 ●	2-280042.X ○	2-280042.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280042.X7.1 ●	2-280042.XD7.1 ●	2-280042.X.1 ○	2-280042.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280043.X7 ●	2-280043.XD7 ●	2-280043.X ○	2-280043.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280044.X7 ●	2-280044.XD7 ●	2-280044.X ○	2-280044.XD ○
<b>with Connecting Frame for Work Table 280040</b> Table height 850	2-280040.X7V ○	2-280040.XD7V ○	2-280040.XV ○	2-280040.XDV ○
<b>Hydraulic Lift for Work Table 280040 see page 162</b>				0-289087 ○

● = Stock item / ○ = Item is made to order

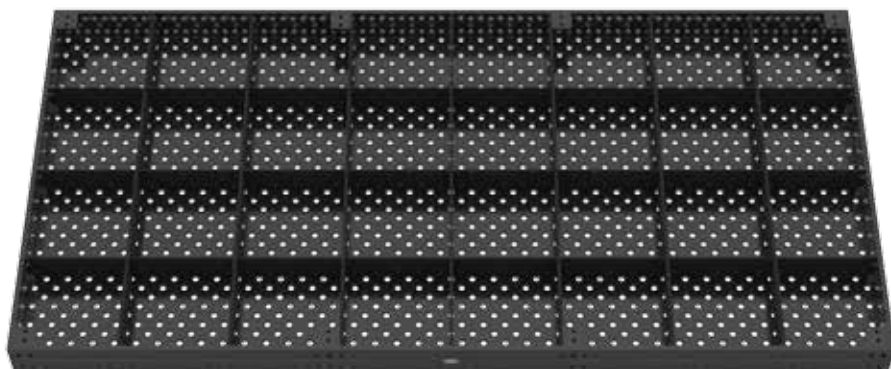
Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid M8</p>	<b>Surcharge for table sides double hardened</b> (see page 98)	<b>Surcharge Diagonal Grid for table sides</b> (see page 82)	<b>Surcharge 50 mm Grid</b> (see page 82)	<b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)		
						
Professional Extreme	2-286740.X	2-286640.X	2-286540.X	M8 2-286140.X	M12 2-286240.X	M16 2-286340.X

Professional Extreme 750 / Professional Extreme 850  
4000x2000x200 mm



Weight: approx. 2.500 kg  
Weight = Table + Pallet + Leg Standard equipment

Illustration shows Professional Extreme Table with diagonal grid.



### Description:

Professional Extreme Table 4000x2000x200 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the boreholes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 100 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.


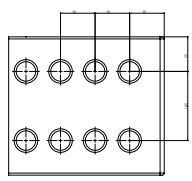
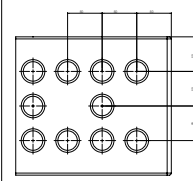
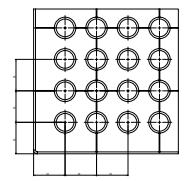
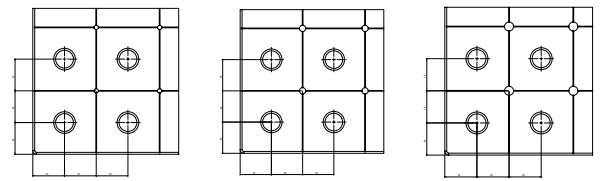
Please find an overview with all information on table leg models on page 150.



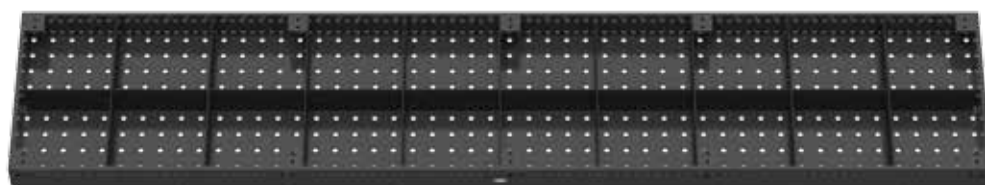
Professional Extreme 750 / Professional Extreme 850  
4000x2000x200 mm

4000x2000x200	Professional Extreme 750 100 mm grid	Professional Extreme 750 diagonal grid	Professional Extreme 850 100 mm grid	Professional Extreme 850 diagonal grid
<b>without legs</b>	2-280055.X7.T1 ●	2-280055.XD7.T1 ●	2-280055.X.T1 ○	2-280055.XD.T1 ○
<b>with Leg Standard equipment 650</b> Table height 850	2-280055.X7 ●	2-280055.XD7 ●	2-280055.X ○	2-280055.XD ○
<b>with Leg Standard equipment 750</b> Table height 950	2-280055.X7.1 ●	2-280055.XD7.1 ●	2-280055.X.1 ○	2-280055.XD.1 ○
<b>with Leg with Floor Anchoring 650</b> Table height 850	2-280057.X7 ●	2-280057.XD7 ●	2-280057.X ○	2-280057.XD ○
<b>with Leg with Floor Anchoring 750</b> Table height 950	2-280057.X7.1 ●	2-280057.XD7.1 ●	2-280057.X.1 ○	2-280057.XD.1 ○
<b>with Leg height-adjustable 550-900</b> Table height 750-1100	2-280058.X7 ●	2-280058.XD7 ●	2-280058.X ○	2-280058.XD ○
<b>with Leg height-adjustable 450-700</b> Table height 650-900	2-280059.X7 ●	2-280059.XD7 ●	2-280059.X ○	2-280059.XD ○
<b>with Connecting Frame for Work Table 280055</b> Table height 850	2-280055.X7V ○	2-280055.XD7V ○	2-280055.XV ○	2-280055.XDV ○
<b>Hydraulic Lift for Work Table 280055 see page 162</b>				0-289089 ○

● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)						
 <p>Example for diagonal grid + Scale</p>	<p><b>Surcharge for table sides double hardened</b> (see page 98)</p> 	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p> 	<p><b>Surcharge 50 mm Grid</b> (see page 82)</p> 	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p> 		
	2-286755.X	2-286655.X	2-286555.X	M8 2-286155.X	M12 2-286255.X	M16 2-286355.X
Professional Extreme						

## Professional Extreme 750 / Professional Extreme 850 - Special Sizes



### Description:

For a selection of available measurements (max. 1400x3800 mm), see attached chart.

Additional sizes and special materials upon request.

Prices based on quantity.

### Discount:

starting at 2 pieces: 5 %

starting at 5 pieces: 10 %

starting at 10 pieces: 15 %

Please find an overview with all information on table leg models on page 150.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.



Professional Extreme 750 / Professional Extreme 850 - Special Sizes

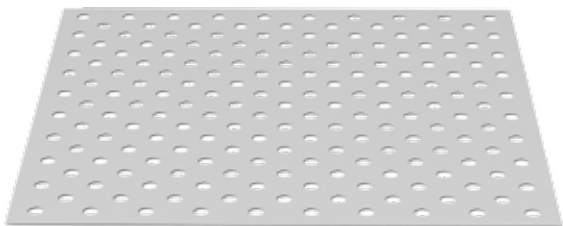
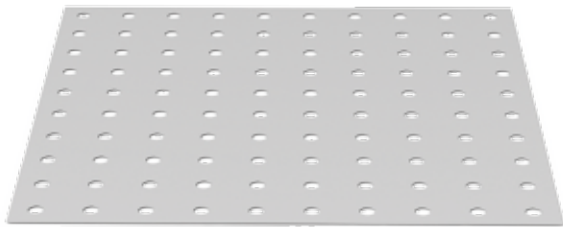
Measures	Professional Extreme 750	Professional Extreme 850
600 x 600	Item No. 2-910606.XD7	Item No. 2-910606.XD
600 x 800	Item No. 2-910608.XD7	Item No. 2-910608.XD
600 x 1000	Item No. 2-910610.XD7	Item No. 2-910610.XD
600 x 1400	Item No. 2-910614.XD7	Item No. 2-910614.XD
600 x 1600	Item No. 2-910616.XD7	Item No. 2-910616.XD
600 x 1800	Item No. 2-910618.XD7	Item No. 2-910618.XD
600 x 2000	Item No. 2-910620.XD7	Item No. 2-910620.XD
600 x 2200	Item No. 2-910622.XD7	Item No. 2-910622.XD
600 x 2400	Item No. 2-910624.XD7	Item No. 2-910624.XD
600 x 2600	Item No. 2-910626.XD7	Item No. 2-910626.XD
600 x 2800	Item No. 2-910628.XD7	Item No. 2-910628.XD
600 x 3000	Item No. 2-910630.XD7	Item No. 2-910630.XD
600 x 3200	Item No. 2-910632.XD7	Item No. 2-910632.XD
600 x 3400	Item No. 2-910634.XD7	Item No. 2-910634.XD
600 x 3600	Item No. 2-910636.XD7	Item No. 2-910636.XD
600 x 3800	Item No. 2-910638.XD7	Item No. 2-910638.XD
600 x 4000	Item No. 2-910640.XD7	Item No. 2-910640.XD
800 x 800	Item No. 2-910808.XD7	Item No. 2-910808.XD
800 x 1000	Item No. 2-910810.XD7	Item No. 2-910810.XD
800 x 1400	Item No. 2-910814.XD7	Item No. 2-910814.XD
800 x 1600	Item No. 2-910816.XD7	Item No. 2-910816.XD
800 x 1800	Item No. 2-910818.XD7	Item No. 2-910818.XD
800 x 2000	Item No. 2-910820.XD7	Item No. 2-910820.XD
800 x 2200	Item No. 2-910822.XD7	Item No. 2-910822.XD
800 x 2400	Item No. 2-910824.XD7	Item No. 2-910824.XD
800 x 2600	Item No. 2-910826.XD7	Item No. 2-910826.XD
800 x 2800	Item No. 2-910828.XD7	Item No. 2-910828.XD
800 x 3000	Item No. 2-910830.XD7	Item No. 2-910830.XD
800 x 3200	Item No. 2-910832.XD7	Item No. 2-910832.XD

Measures	Professional Extreme 750	Professional Extreme 850
800 x 3400	Item No. 2-910834.XD7	Item No. 2-910834.XD
800 x 3600	Item No. 2-910836.XD7	Item No. 2-910836.XD
800 x 3800	Item No. 2-910838.XD7	Item No. 2-910838.XD
800 x 4000	Item No. 2-910840.XD7	Item No. 2-910840.XD
1000 x 1200	Item No. 2-911012.XD7	Item No. 2-911012.XD
1000 x 1400	Item No. 2-911014.XD7	Item No. 2-911014.XD
1000 x 1600	Item No. 2-911016.XD7	Item No. 2-911016.XD
1000 x 1800	Item No. 2-911018.XD7	Item No. 2-911018.XD
1000 x 2200	Item No. 2-911022.XD7	Item No. 2-911022.XD
1000 x 2400	Item No. 2-911024.XD7	Item No. 2-911024.XD
1000 x 2600	Item No. 2-911026.XD7	Item No. 2-911026.XD
1000 x 2800	Item No. 2-911028.XD7	Item No. 2-911028.XD
1000 x 3000	Item No. 2-911030.XD7	Item No. 2-911030.XD
1000 x 3200	Item No. 2-911032.XD7	Item No. 2-911032.XD
1000 x 3400	Item No. 2-911034.XD7	Item No. 2-911034.XD
1000 x 3600	Item No. 2-911036.XD7	Item No. 2-911036.XD
1000 x 3800	Item No. 2-911038.XD7	Item No. 2-911038.XD
1000 x 4000	Item No. 2-911040.XD7	Item No. 2-911040.XD
1200 x 1400	Item No. 2-911214.XD7	Item No. 2-911214.XD
1200 x 1600	Item No. 2-911216.XD7	Item No. 2-911216.XD
1200 x 1800	Item No. 2-911218.XD7	Item No. 2-911218.XD
1200 x 2200	Item No. 2-911222.XD7	Item No. 2-911222.XD
1200 x 2600	Item No. 2-911226.XD7	Item No. 2-911226.XD
1200 x 2800	Item No. 2-911228.XD7	Item No. 2-911228.XD
1200 x 3000	Item No. 2-911230.XD7	Item No. 2-911230.XD
1200 x 3200	Item No. 2-911232.XD7	Item No. 2-911232.XD
1200 x 3400	Item No. 2-911234.XD7	Item No. 2-911234.XD
1200 x 3600	Item No. 2-911236.XD7	Item No. 2-911236.XD
1200 x 3800	Item No. 2-911238.XD7	Item No. 2-911238.XD

Measures	Professional Extreme 750	Professional Extreme 850
1200 x 4000	Item No. 2-911240.XD7	Item No. 2-911240.XD
1400 x 1400	Item No. 2-911414.XD7	Item No. 2-911414.XD
1400 x 1600	Item No. 2-911416.XD7	Item No. 2-911416.XD
1400 x 1800	Item No. 2-911418.XD7	Item No. 2-911418.XD
1400 x 2000	Item No. 2-911420.XD7	Item No. 2-911420.XD
1400 x 2200	Item No. 2-911422.XD7	Item No. 2-911422.XD
1400 x 2400	Item No. 2-911424.XD7	Item No. 2-911424.XD
1400 x 2600	Item No. 2-911426.XD7	Item No. 2-911426.XD
1400 x 2800	Item No. 2-911428.XD7	Item No. 2-911428.XD
1400 x 3000	Item No. 2-911430.XD7	Item No. 2-911430.XD
1400 x 3200	Item No. 2-911432.XD7	Item No. 2-911432.XD
1400 x 3400	Item No. 2-911434.XD7	Item No. 2-911434.XD
1400 x 3600	Item No. 2-911436.XD7	Item No. 2-911436.XD
1400 x 3800	Item No. 2-911438.XD7	Item No. 2-911438.XD

Item is made to order

## Perforated Aluminum Plate

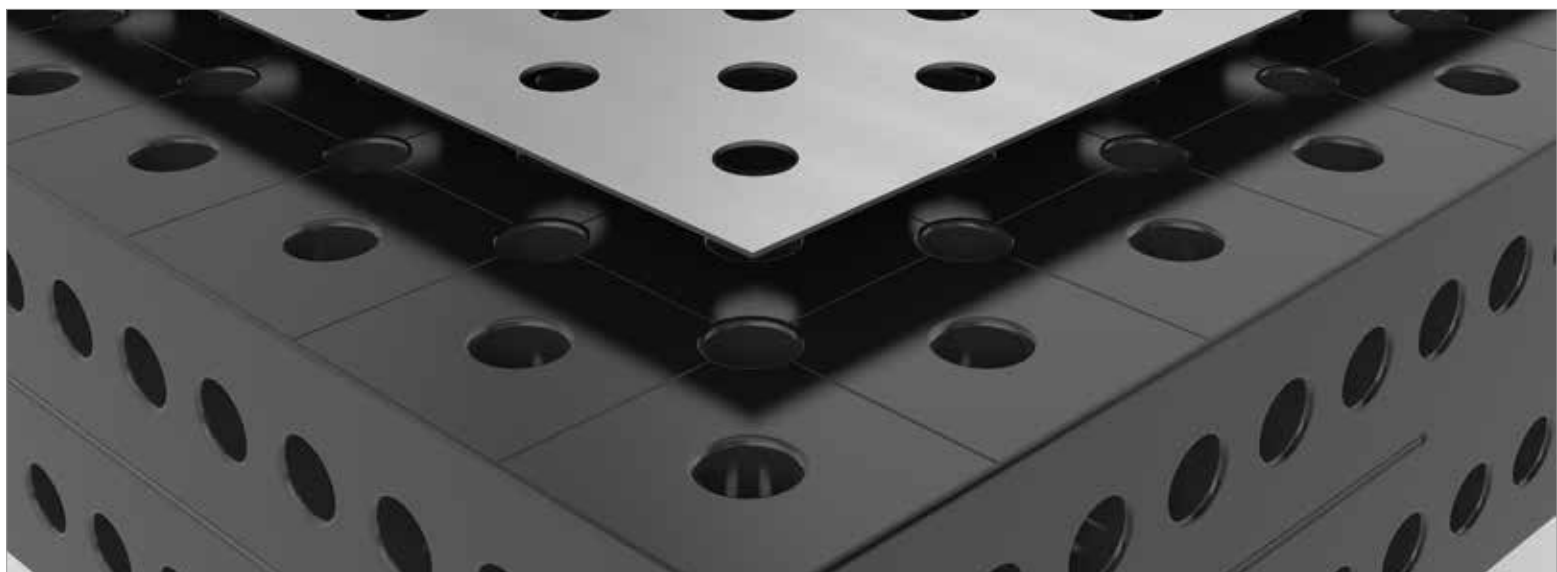


### Description:

Perforated Aluminum Plate, especially designed for processing stainless steel, in order to separate iron and stainless steel. Due to the hole pattern that matches the table, a precise support surface is created. A stainless steel version or with grid lines is available upon request.

In order to avoid additional shipping costs, we recommend delivery of the Perforated Aluminum Plate together with the table.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

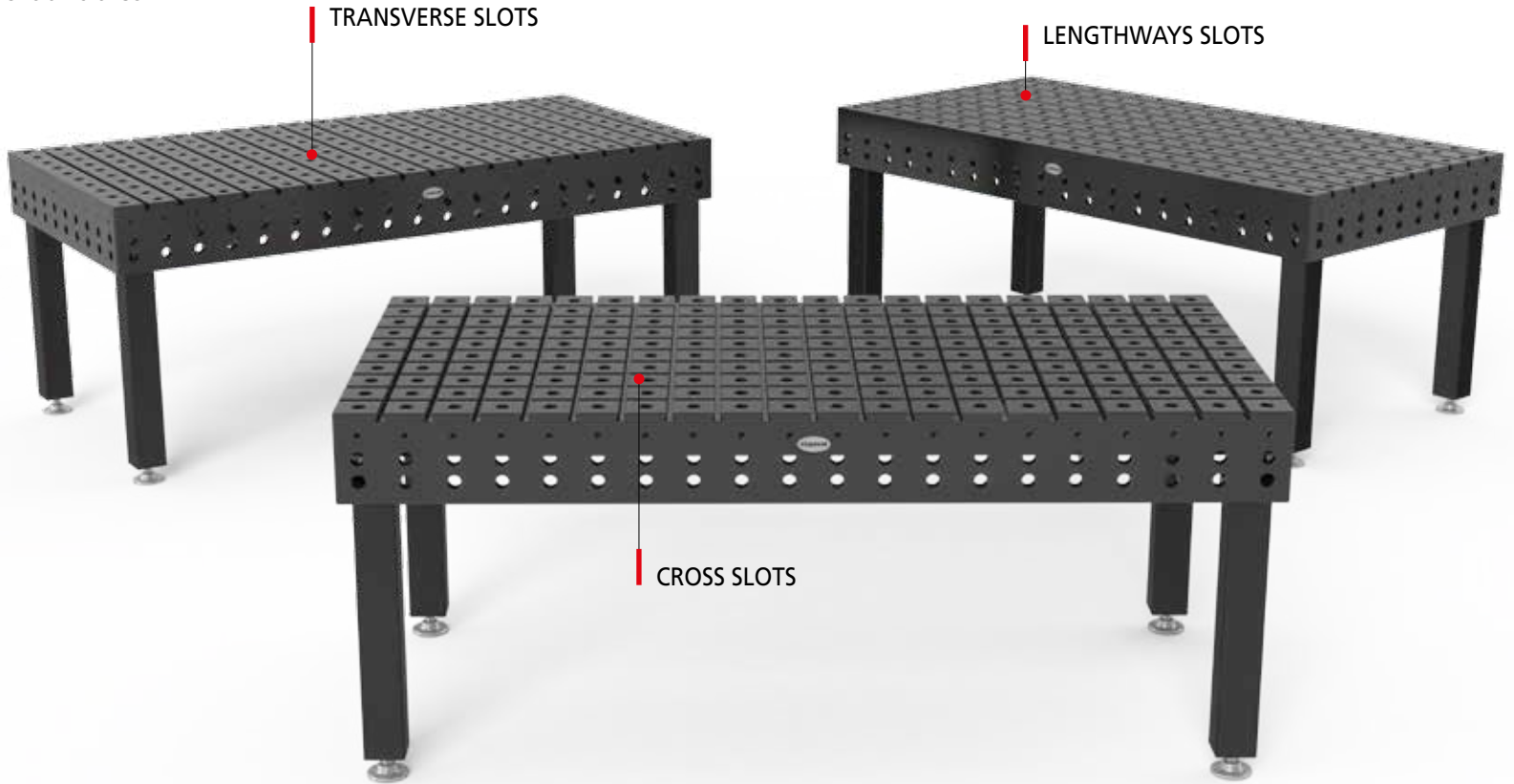


	Length: (a)	Width: (b)	Height: (c)	Weight:	Grid element spacing 100 mm	diagonal grid
<b>Perforated Aluminum Plate for Table 280000</b>	1496 mm	746 mm	2 mm	approx. 6 kg	2-280203 ○	2-280203.D ○
<b>Perforated Aluminum Plate for Table 280005</b>	1196 mm	596 mm	2 mm	approx. 4 kg	2-280205 ○	2-280205.D ○
<b>Perforated Aluminum Plate for Table 280010</b>	996 mm	996 mm	2 mm	approx. 5 kg	2-280200 ●	2-280200.D ●
<b>Perforated Aluminum Plate for Table 280025</b>	1196 mm	796 mm	2 mm	approx. 5 kg	2-280202 ●	2-280202.D ●
<b>Perforated Aluminum Plate for Table 280015</b>	1196 mm	1196 mm	2 mm	approx. 7 kg	2-280204 ●	2-280204.D ●
<b>Perforated Aluminum Plate for Table 280035</b>	1496 mm	996 mm	2 mm	approx. 8 kg	2-280206 ●	2-280206.D ●
<b>Perforated Aluminum Plate for Table 280050</b>	1496 mm	1496 mm	2 mm	approx. 11 kg	2-280207 ●	2-280207.D ●
<b>Perforated Aluminum Plate for Table 280020</b>	1996 mm	996 mm	2 mm	approx. 10 kg	2-280201 ●	2-280201.D ●
<b>Perforated Aluminum Plate for Table 280060</b>	996 mm	1196 mm	2 mm	approx. 6 kg	2-280208 ●	2-280208.D ●
<b>Perforated Aluminum Plate for Table 280060 (2x 280208 / 280208.D)</b>				approx. 12 kg	2-280208.2 ●	2-280208.D.2 ●
<b>Perforated Aluminum Plate for Table 280045 (2x 280201 / 280201.D)</b>				approx. 20 kg	2-280201.2 ●	2-280201.D.2 ●
<b>Perforated Aluminum Plate for Table 280030 (2x 280204 / 280204.D)</b>				approx. 15 kg	2-280204.2 ●	2-280204.D.2 ●
<b>Perforated Aluminum Plate for Table 280040 (2x 280207 / 280207.D)</b>				approx. 23 kg	2-280207.2 ●	2-280207.D.2 ●
<b>Perforated Aluminum Plate for Table 280055 (4x 280201 / 280201.D)</b>				approx. 40 kg	2-280201.4 ●	2-280201.D.4 ●
<b>Perforated Aluminum Plate for Table 280040 (3x 280206 / 280206.D)</b>				approx. 23 kg	2-280206.3 ●	2-280206.D.3 ●

● = Stock item / ○ = Item is made to order



## T-Slot Tables



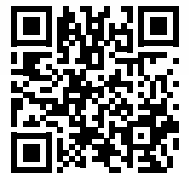
## T-SLOT TABLES

T-Slot Tables are manufactured of S355J2+N (St 52/3) steel and additionally plasma nitrided by applying a thermo-chemical procedure to increase corrosion-resistance. This increases simultaneously the resilience of the table.

Tables are available equipped with cross slots, lengthways slots or transverse slots. If requested, the T-slot table can be ordered without boreholes.

You can also find the product video on:

[www.siegmund.com/V280020.PN](http://www.siegmund.com/V280020.PN)

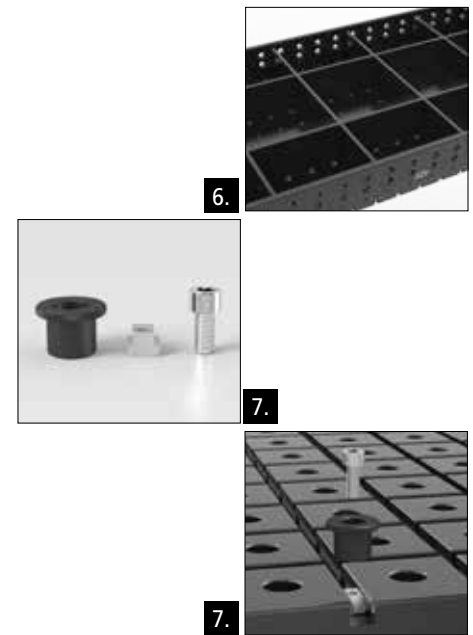
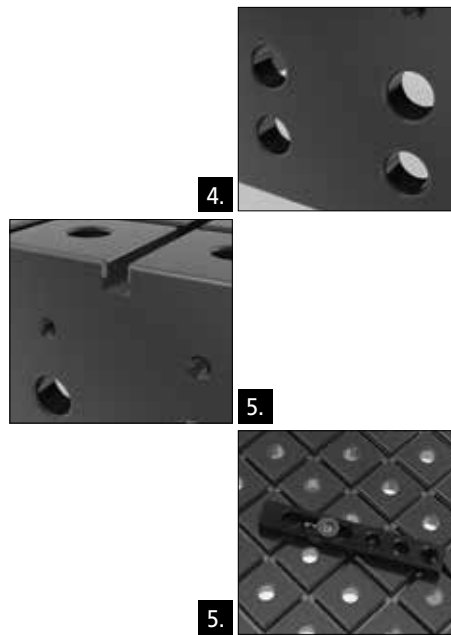
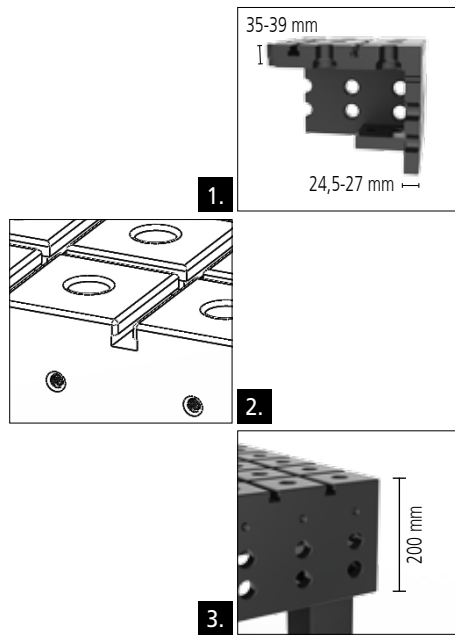


## TABLE LEGS



Page 152  
Leg standard equipment





### 1. MATERIAL THICKNESS

35-39 mm / 24,5-27 mm

### 2. T-SLOTS

Extra charges for modifications:

- distance between t-slots (standard 100 mm)
- Size of t-slots (standard 12 mm)

### 3. TABLE SIDE PANEL

- 200 mm high

### 4. SYSTEM BOREHOLE

Extra charges for modifications:

- radiused bore holes (standard bores with chamfer)

### 5. THREADED BORE HOLE

Extra charges for modifications:

- distance of threaded holes (standard 100 mm)
- size of thread holes (standard M10)
- additional threads on upper surface (M8 / M10 / M12 / M16)

Upon request, the T-Slot Table is available without bores.

### 6. RIBBING

- spaced apart approx. 300-400 mm
- raised ribbing

### 7. ACCESSORIES

T-Slot Table includes special accessories like thread bolts, threaded sleeves and t-nuts. Naturally all other System 28 Siegmund accessories can be used.

### 8. BEARING LOAD

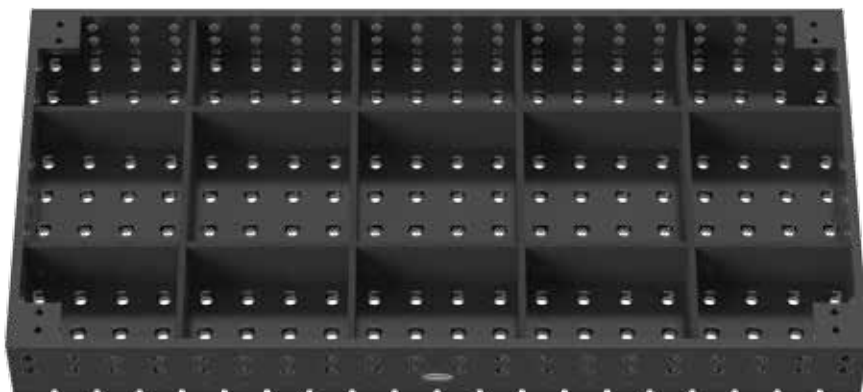
Bearing load per leg: 2,000 kg  
 Maximum recommended statistical bearing load:  
 with 4 legs = 4,000 kg  
 with 6 legs = 6,000 kg  
 with 8 legs = 8,000 kg  
 based on even load distribution.  
 (Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

All advantages of Professional Extreme 750 Welding Table also pertain to T-Slot Table. See page 97, item 3, 5, 6, 8 and 9.

## T-Slot Table with cross slots



### Description:

T-Slot Table with horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 100 mm grid on the sides, as well as M10 threaded bore holes and cross slots.

Due to the cross slots spaced 100 mm apart, components with an oblong slot can be fastened in any position. For this purpose threaded clamp bushings and t-nuts are required. Detailed description see page 134.

We recommend using the T-Slot Table for "clean" or spatter-free welding tasks, since cleaning the cross slots is very time-consuming.

Upon request, the T-Slot Table is available without bores.

### Extra charges for modifications:

- distance between t-slots (standard 100 mm)
- size of t-slots (standard 12 mm)
- distance of threaded holes (standard 100 mm)
- additional thread on upper surface
- size of threaded holes (standard M10)

Please find an overview with all information on table leg models on page 150.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).







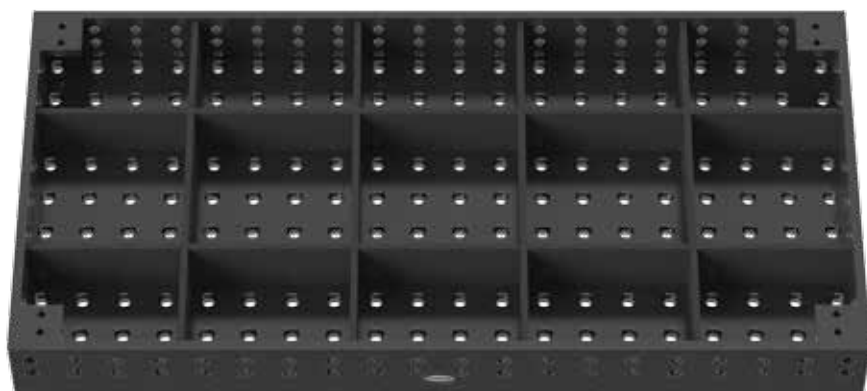
	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table Plasma nitrided
<b>T-Slot Table 1000x1000x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	1000 mm	1000 mm	200 mm	approx. 530 kg	2-280010.PN ○
<b>T-Slot Table 1200x800x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	1200 mm	800 mm	200 mm	approx. 510 kg	2-280025.PN ○
<b>T-Slot Table 1200x1200x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	1200 mm	1200 mm	200 mm	approx. 755 kg	2-280015.PN ○
<b>T-Slot Table 1500x1000x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	1500 mm	1000 mm	200 mm	approx. 755 kg	2-280035.PN ○
<b>T-Slot Table 1500x1500x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	1500 mm	1500 mm	200 mm	approx. 1060 kg	2-280050.PN ○
<b>T-Slot Table 2000x1000x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	2000 mm	1000 mm	200 mm	approx. 965 kg	2-280020.PN ○
<b>T-Slot Table 2000x1200x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1100 kg	2-280060.PN ○
<b>T-Slot Table 2000x2000x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1750 kg	2-280045.PN ○
<b>T-Slot Table 2400x1200x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1280 kg	2-280030.PN ○
<b>T-Slot Table 3000x1500x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1930 kg	2-280040.PN ○
<b>T-Slot Table 4000x2000x200 Plasma nitrided with cross slots with Leg Standard equipment 650</b> Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3400 kg	2-280055.PN ○
<b>Additional sizes upon request</b>						○

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.

Weight = Table + Pallet + Leg Standard equipment

## T-Slot Table with lengthways slots



### Description:

T-Slot Table, with vertical / horizontal hole arrangement on the table top and parallel hole pattern in a 100 mm grid on the sides, as well as M10 threaded bore holes and lengthways slots.

Due to the lengthways slots spaced 100 mm apart, components with an oblong slot can be horizontally mounted in any position. For this purpose threaded clamp bushings with t-nuts are required. For detailed description see page 134.

We recommend using the T-Slot Table for "clean" or spatter-free welding tasks, since cleaning of the lengthways slots is very time consuming.

Upon request, the T-Slot Table is available without bores.

Extra charges for modifications:

- distance between t-slots (standard 100 mm)
- size of t-slots (standard 12 mm)
- distance of threaded holes (standard 100 mm)
- additional thread on upper surface
- size of threaded holes (standard M10)

Please find an overview with all information on table leg models on page 150.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



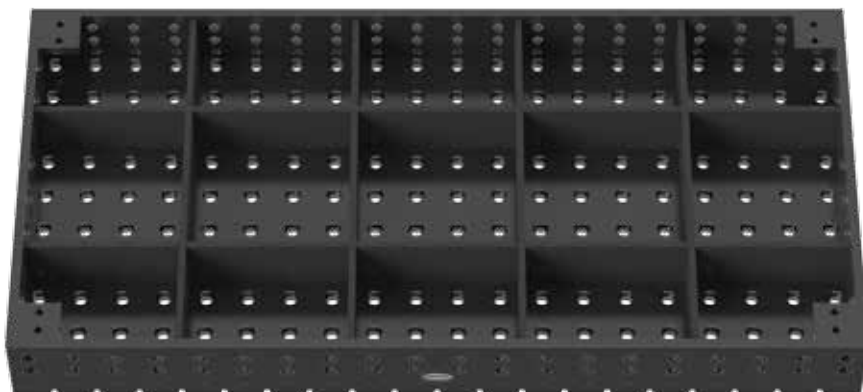
	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table Plasma nitrided
<b>T-Slot Table 1200x800x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 530 kg	2-280025.PNL ○
<b>T-Slot Table 1500x1000x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 785 kg	2-280035.PNL ○
<b>T-Slot Table 2000x1000x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 1005 kg	2-280020.PNL ○
<b>T-Slot Table 2000x1200x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1150 kg	2-280060.PNL ○
<b>T-Slot Table 2400x1200x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1360 kg	2-280030.PNL ○
<b>T-Slot Table 3000x1500x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 2010 kg	2-280040.PNL ○
<b>T-Slot Table 4000x2000x200 Plasma nitrided with lengthways slots</b> with Leg Standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3560 kg	2-280055.PNL ○
<b>Additional sizes upon request</b>						○

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.  
Weight = Table + Pallet + Leg Standard equipment



## T-Slot Table with transverse slots



### Description:

T-Slot Table, with vertical / horizontal hole arrangement on the table top and a parallel hole pattern in a 100 mm grid on the sides, as well as M10 threaded bore holes and cross slots.

Due to the cross slots spaced 100 mm apart, components with an oblong slot can be vertically mounted in any position. For this purpose threaded clamp bushings and t-nuts are required. For detailed description see page 134.

We recommend using the T-Slot Table for "clean" or spatter-free welding tasks, since cleaning of the cross slots is very time consuming.

Upon request, the T-Slot Table is available without bores.

Extra charges for modifications:

- distance between t-slots (standard 100 mm)
- size of t-slots (standard 12 mm)
- distance of threaded holes (standard 100 mm)
- additional thread on upper surface
- size of threaded holes (standard M10)

Please find an overview with all information on table leg models on page 150.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

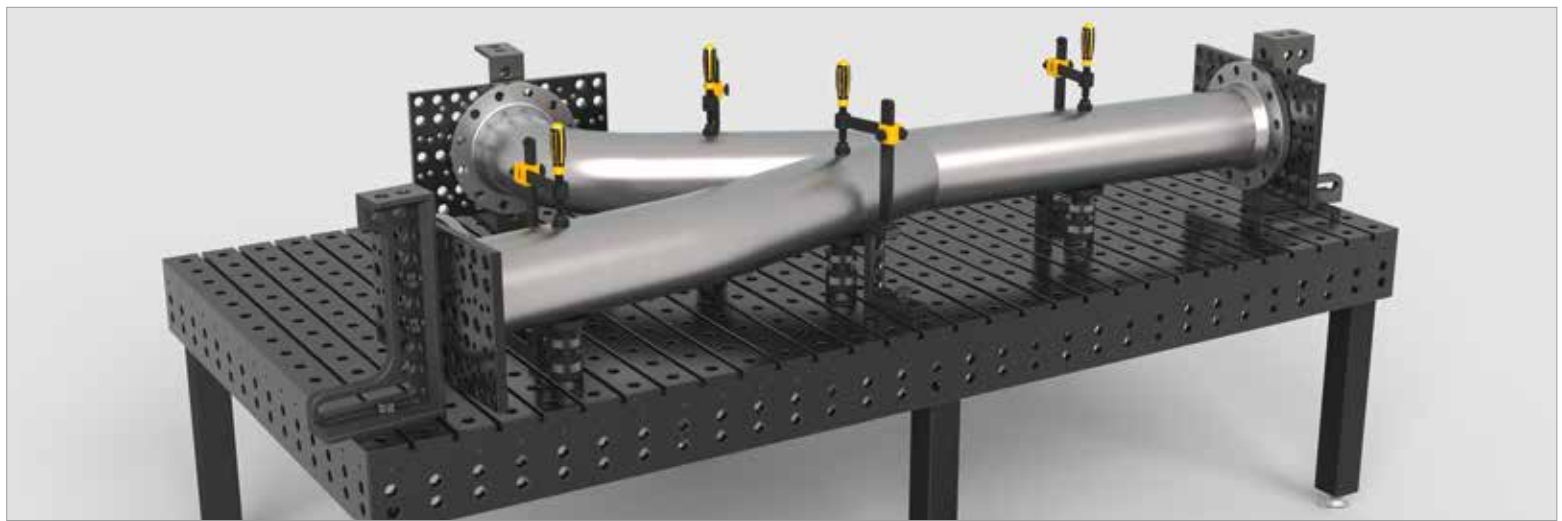


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table Plasma nitrided
<b>T-Slot Table 1000x1000x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 560 kg	2-280010.PNK ○
<b>T-Slot Table 1200x800x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 530 kg	2-280025.PNK ○
<b>T-Slot Table 1200x1200x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 795 kg	2-280015.PNK ○
<b>T-Slot Table 1500x1000x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 785 kg	2-280035.PNK ○
<b>T-Slot Table 1500x1500x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 1070 kg	2-280050.PNK ○
<b>T-Slot Table 2000x1000x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 1005 kg	2-280020.PNK ○
<b>T-Slot Table 2000x1200x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1150 kg	2-280060.PNK ○
<b>T-Slot Table 2000x2000x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1820 kg	2-280045.PNK ○
<b>T-Slot Table 2400x1200x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1360 kg	2-280030.PNK ○
<b>T-Slot Table 3000x1500x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 2010 kg	2-280040.PNK ○
<b>T-Slot Table 4000x2000x200 Plasma nitrided with transverse slots</b> with Leg Standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3560 kg	2-280055.PNK ○
<b>Additional sizes upon request</b>						○

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.

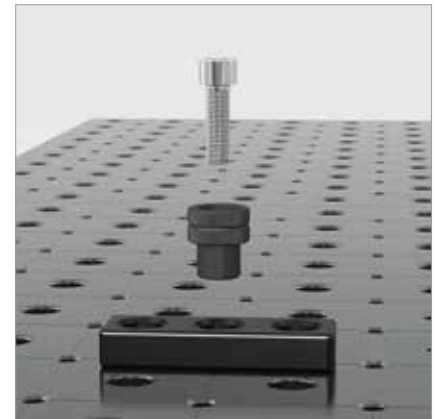
Weight = Table + Pallet + Leg Standard equipment

## Clamp Bushing for T-slot tables and for tables with threaded bore holes

### Description:

Burnished Clamp Sleeve for T-slot tables, perfect connecting element between Siegmund components and T-slot table, in combination with the T-Nut (Item No. 280547).

By using the clamp bushing for M8 / M12 / M16 thread, you can use Siegmund components on a welding table with threaded holes.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Clamp Bushing for M10 Thread - T-Slot Table</b> - incl. screw - Burnished	28 mm	40 mm	0,11 kg	2-280546 ●
<b>Clamp Bushing for M8 thread</b> - incl. screw - Burnished	28 mm	40 mm	0,11 kg	2-280546.1 ●
<b>Clamp Bushing for M12 thread</b> - incl. screw - Burnished	28 mm	40 mm	0,10 kg	2-280546.2 ●
<b>Clamp Bushing for M16 thread</b> - incl. screw - Burnished	45 mm	40 mm	0,21 kg	2-280546.3 ●

● = Stock item / ○ = Item is made to order



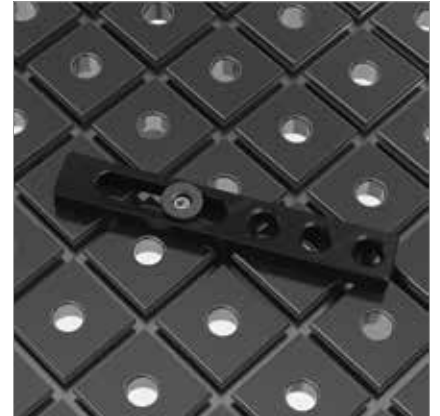
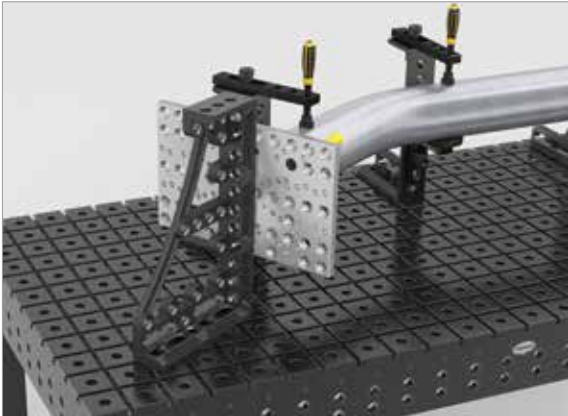
**Description:**

T-Nut, enables clamping flexibility in combination with the bushing clamp on the T-slot table.



280547

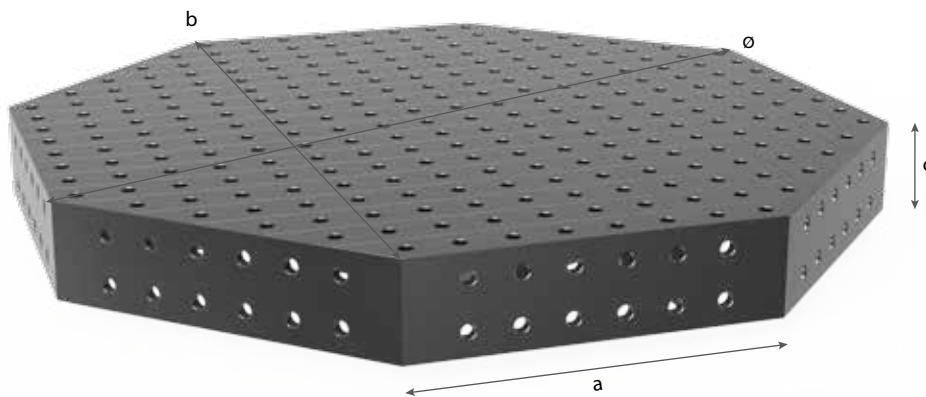
280547.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>T-Nut 18</b> - with M10 thread	18 mm	18 mm	14 mm	0,02 kg	2-280547 ●
<b>T-Nut 30</b> - with M10 thread	30 mm	18 mm	14 mm	0,04 kg	2-280547.1 ●

● = Stock item / ○ = Item is made to order

## Octagonal Table with table side 200 mm



### Description:

Octagonal Table, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Professional Welding Table, due to its parallel hole pattern on all nine surfaces. Upon request the table can be adapted to the production environment, to meet individual work requirements.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

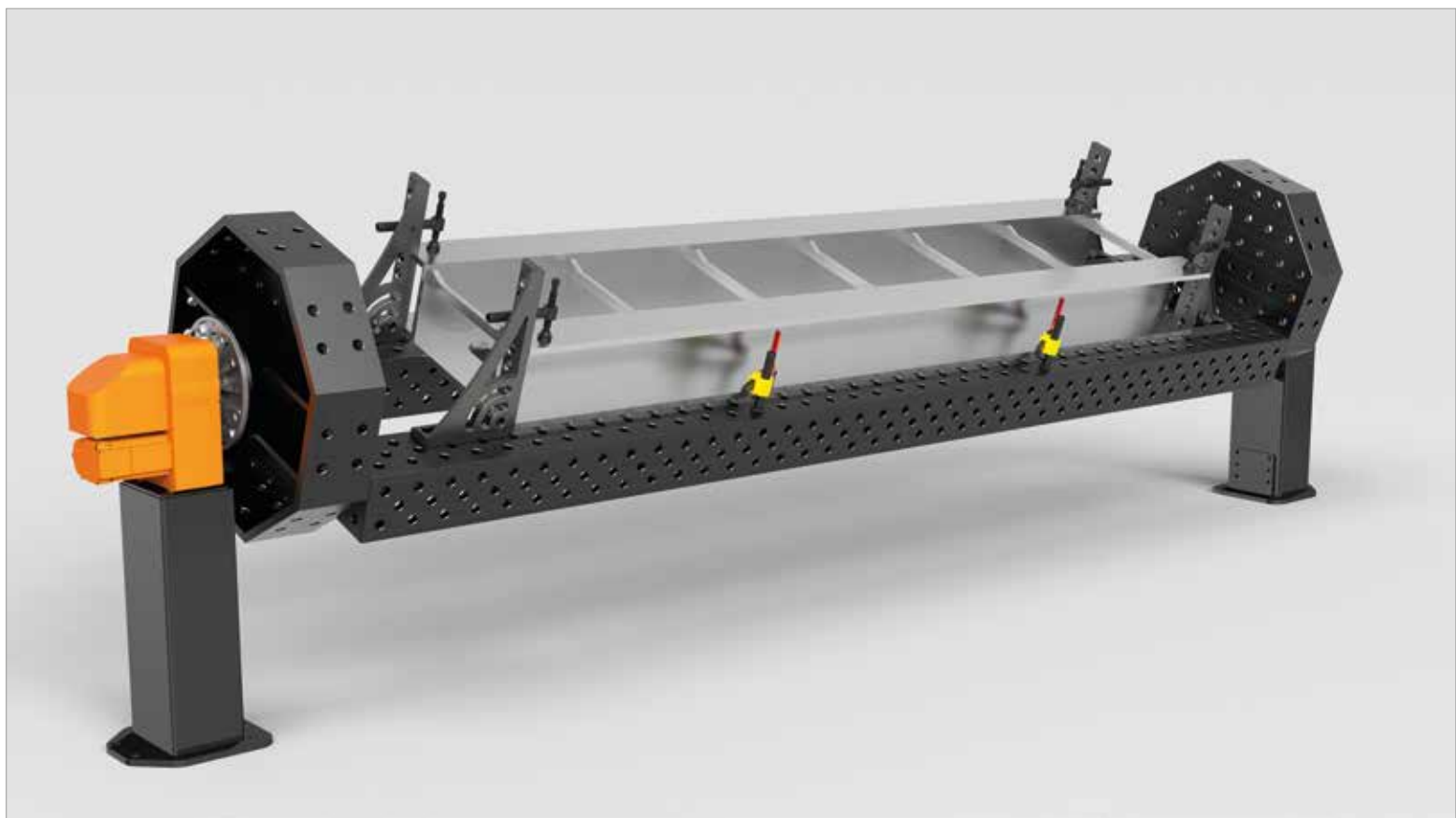
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

Due to customer specific adaptation the weight can vary.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



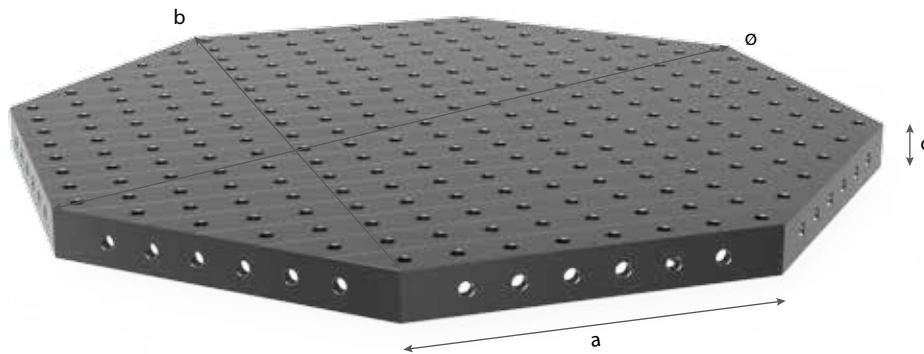


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Table SW 800x200 Plasma nitrided without legs</b>	331 mm	800 mm	200 mm	866 mm	approx. 280 kg	2-920800.P ○
<b>Octagonal Table SW 1000x200 Plasma nitrided without legs</b>	414 mm	1000 mm	200 mm	1082 mm	approx. 355 kg	2-921000.P ○
<b>Octagonal Table SW 1200x200 Plasma nitrided without legs</b>	497 mm	1200 mm	200 mm	1299 mm	approx. 440 kg	2-921200.P ○
<b>Octagonal Table SW 1400x200 Plasma nitrided without legs</b>	580 mm	1400 mm	200 mm	1515 mm	approx. 595 kg	2-921400.P ○
<b>Octagonal Table SW 1500x200 Plasma nitrided without legs</b>	621 mm	1500 mm	200 mm	1624 mm	approx. 657 kg	2-921500.P ○
<b>Octagonal Table SW 1600x200 Plasma nitrided without legs</b>	663 mm	1600 mm	200 mm	1732 mm	approx. 688 kg	2-921600.P ○
<b>Octagonal Table SW 1700x200 Plasma nitrided without legs</b>	704 mm	1700 mm	200 mm	1840 mm	approx. 784 kg	2-921700.P ○
<b>Octagonal Table SW 1800x200 Plasma nitrided without legs</b>	746 mm	1800 mm	200 mm	1948 mm	approx. 861 kg	2-921800.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customizing Adapter Plate</b>						0-940000 ○

● = Stock item / ○ = Item is made to order



## Octagonal Table with table side 100 mm



### Description:

Octagonal Table, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Professional Welding Table, due to its parallel hole pattern on all nine surfaces. Upon request the table can be adapted to the production environment, to meet individual work requirements.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

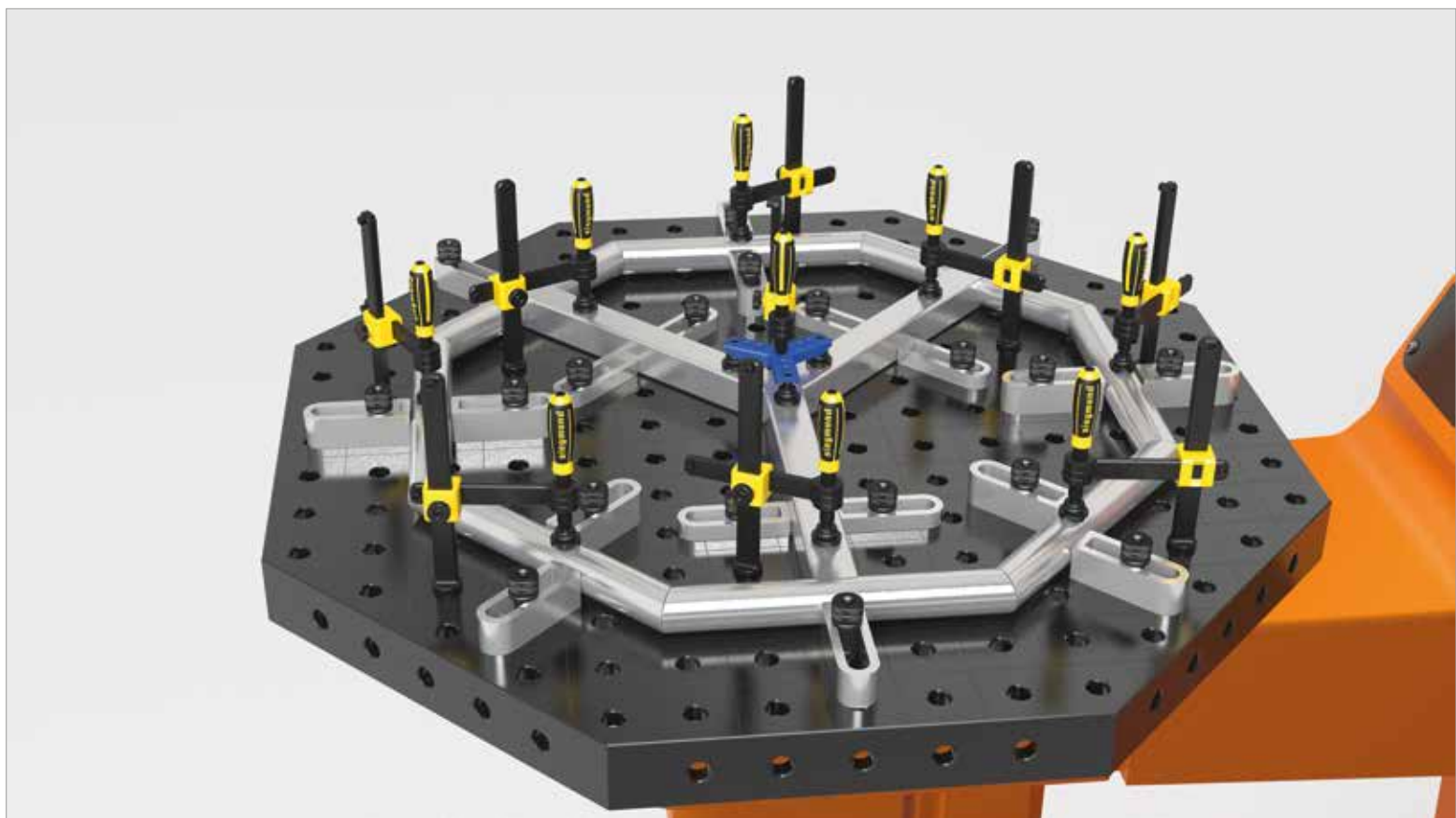
starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

Due to customer specific adaptation the weight can vary.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.

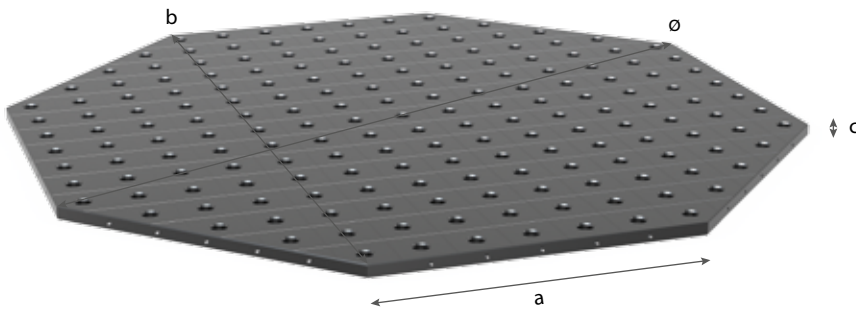
Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Table SW 800x100 Plasma nitrided without legs</b>	331 mm	800 mm	100 mm	866 mm	approx. 195 kg	2-920800.1.P ○
<b>Octagonal Table SW 1000x100 Plasma nitrided without legs</b>	414 mm	1000 mm	100 mm	1082 mm	approx. 250 kg	2-921000.1.P ○
<b>Octagonal Table SW 1200x100 Plasma nitrided without legs</b>	497 mm	1200 mm	100 mm	1299 mm	approx. 330 kg	2-921200.1.P ○
<b>Octagonal Table SW 1400x100 Plasma nitrided without legs</b>	580 mm	1400 mm	100 mm	1515 mm	approx. 440 kg	2-921400.1.P ○
<b>Octagonal Table SW 1500x100 Plasma nitrided without legs</b>	621 mm	1500 mm	100 mm	1624 mm	approx. 450 kg	2-921500.1.P ○
<b>Octagonal Table SW 1600x100 Plasma nitrided without legs</b>	663 mm	1600 mm	100 mm	1732 mm	approx. 530 kg	2-921600.1.P ○
<b>Octagonal Table SW 1700x100 Plasma nitrided without legs</b>	704 mm	1700 mm	100 mm	1840 mm	approx. 600 kg	2-921700.1.P ○
<b>Octagonal Table SW 1800x100 Plasma nitrided without legs</b>	746 mm	1800 mm	100 mm	1948 mm	approx. 664 kg	2-921800.1.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customizing Adapter Plate</b>						0-940000 ○

● = Stock item / ○ = Item is made to order

## Octagonal Plate without side panel



### Description:

Octagonal Plate, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Basic Welding Table, due to its parallel hole pattern and its M8 threaded holes on the sides. To meet individual requirements, the table can be adapted to the production environment, upon request.

Octagonal Plate without side surface can be safely mounted on a manipulator directly through the bore holes, by using Support Sleeves (Item No. 280500) and bolts.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

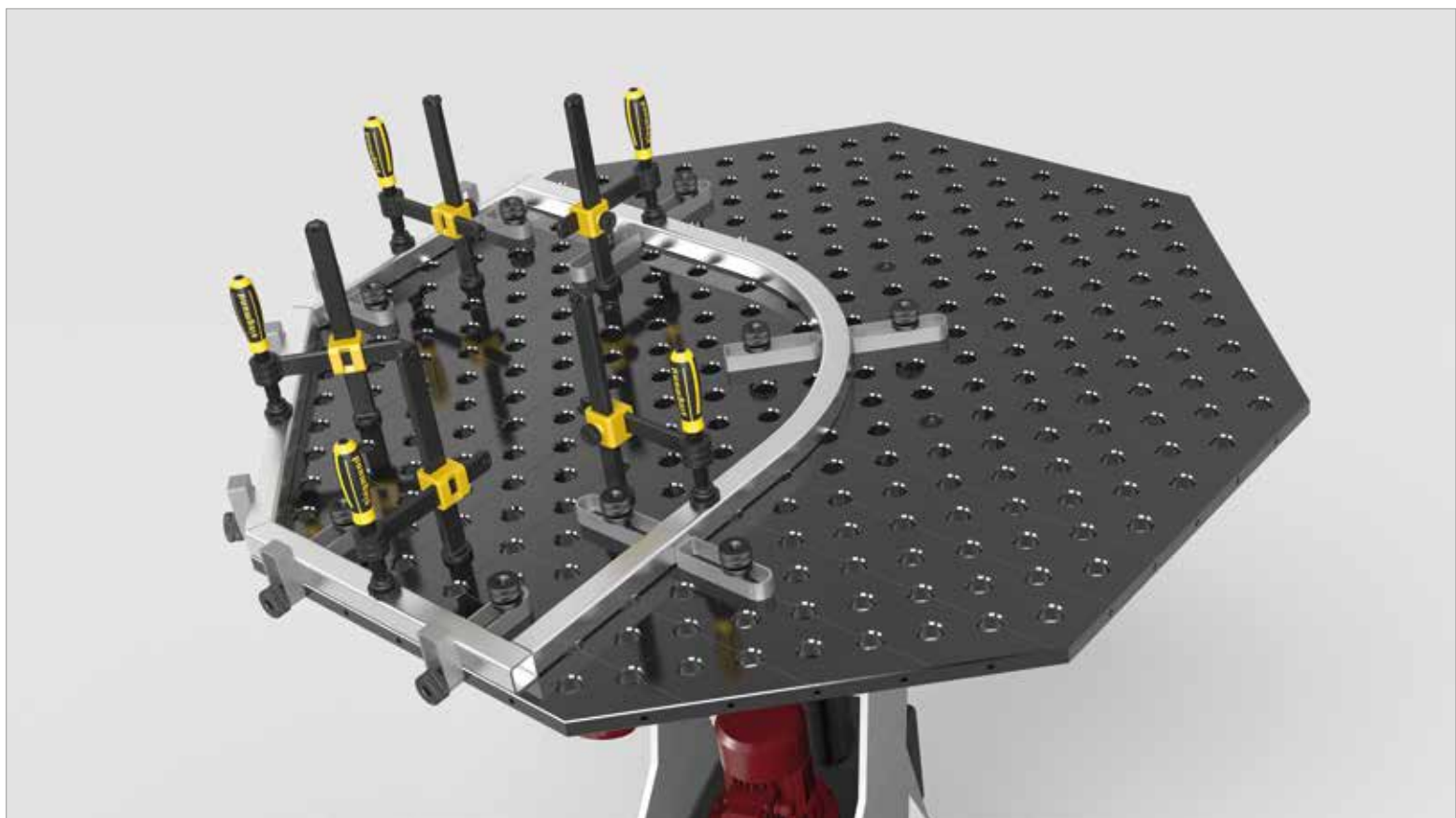
starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

Due to customer specific adaptation the weight can vary.

Special equipment for welding tables like scale, diagonal grid and scale, coordination scale, 50 mm grid, or diagonal grid with M8 / M12 / M16 thread available by request.

Please find pictures for every product size at [www.siegmond.com](http://www.siegmond.com).

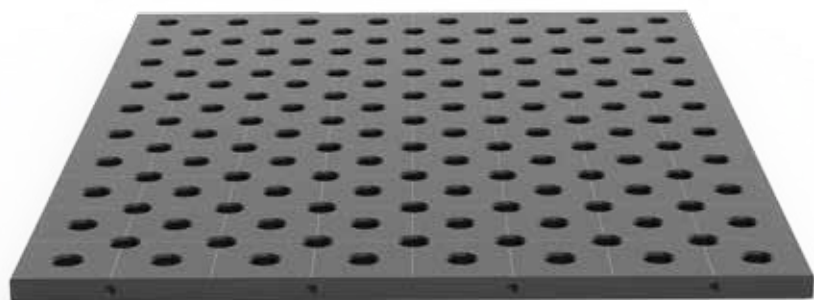
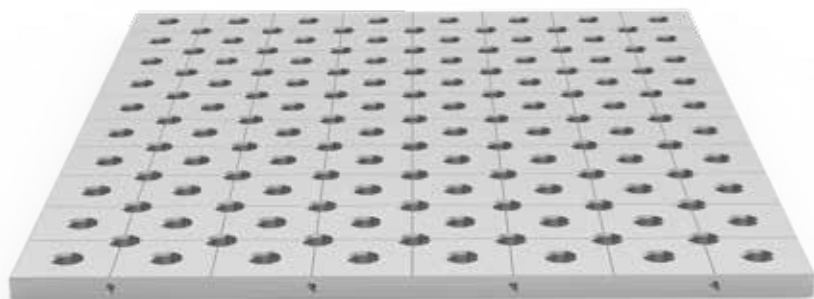




	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Plate SW 600x25 Plasma nitrided without legs</b>	249 mm	600 mm	25 mm	649 mm	approx. 51 kg	2-940600.P ○
<b>Octagonal Plate SW 800x25 Plasma nitrided without legs</b>	331 mm	800 mm	25 mm	866 mm	approx. 90 kg	2-940800.P ○
<b>Octagonal Plate SW 1000x25 Plasma nitrided without legs</b>	414 mm	1000 mm	25 mm	1082 mm	approx. 142 kg	2-941000.P ○
<b>Octagonal Plate SW 1200x25 Plasma nitrided without legs</b>	497 mm	1200 mm	25 mm	1299 mm	approx. 204 kg	2-941200.P ○
<b>Octagonal Plate SW 1400x25 Plasma nitrided without legs</b>	580 mm	1400 mm	25 mm	1515 mm	approx. 277 kg	2-941400.P ○
<b>Octagonal Plate SW 1500x25 Plasma nitrided without legs</b>	621 mm	1500 mm	25 mm	1636 mm	approx. 319 kg	2-941500.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customizing Adapter Plate</b>						0-940000 ○

● = Stock item / ○ = Item is made to order

## Clamping- and Replacement Plate, with bore holes - diagonal grid



### Description:

The versatile Clamping- and Replacement Plate with system holes can be used in combination with clamping tables, manipulators, welding turntables, as well as a replacement plate. The high efficiency of the plate is a special advantage. Fastening is done quickly and simply by using bolts, as well as support and clamping sleeves (Item No. 280500). The sides are equipped with M8 thread holes.

Minimum width: 600 mm

Minimum length: 800 mm

Minimum surface: 0,64 m<sup>2</sup>

Further sizes upon request.

Material S355J2+N (St 52/3 Steel).

Prices based on quantity.

### Discount:

starting from 2 pieces: 5 %

starting from 5 pieces: 10 %

starting from 10 pieces: 15 %

By request, the Clamping and Replacement Plate is also available in stainless steel.

Additional threaded holes available on request.

Clamping- and Replacement Plate, with bore holes - diagonal grid

Measures	Plasma nitrided	Steel S355J2+N
600 x 800	Item No. 2-940608.PD	Item No. 2-940608.D
600 x 1000	Item No. 2-940610.PD	Item No. 2-940610.D
600 x 1200	Item No. 2-940612.PD	Item No. 2-940612.D
800 x 800	Item No. 2-940808.PD	Item No. 2-940808.D
800 x 1000	Item No. 2-940810.PD	Item No. 2-940810.D
800 x 1200	Item No. 2-940812.PD	Item No. 2-940812.D
800 x 1400	Item No. 2-940814.PD	Item No. 2-940814.D
800 x 1600	Item No. 2-940816.PD	Item No. 2-940816.D
800 x 1800	Item No. 2-940818.PD	Item No. 2-940818.D
800 x 2000	Item No. 2-940820.PD	Item No. 2-940820.D
800 x 2200	Item No. 2-940822.PD	Item No. 2-940822.D
800 x 2400	Item No. 2-940824.PD	Item No. 2-940824.D
1000 x 1000	Item No. 2-941010.PD	Item No. 2-941010.D
1000 x 1200	Item No. 2-941012.PD	Item No. 2-941012.D
1000 x 1400	Item No. 2-941014.PD	Item No. 2-941014.D
1000 x 1600	Item No. 2-941016.PD	Item No. 2-941016.D
1000 x 1800	Item No. 2-941018.PD	Item No. 2-941018.D
1000 x 2000	Item No. 2-941020.PD	Item No. 2-941020.D
1000 x 2200	Item No. 2-941022.PD	Item No. 2-941022.D
1000 x 2400	Item No. 2-941024.PD	Item No. 2-941024.D
1200 x 1200	Item No. 2-941212.PD	Item No. 2-941212.D
1200 x 1400	Item No. 2-941214.PD	Item No. 2-941214.D
1200 x 1600	Item No. 2-941216.PD	Item No. 2-941216.D
1200 x 1800	Item No. 2-941218.PD	Item No. 2-941218.D
1200 x 2000	Item No. 2-941220.PD	Item No. 2-941220.D
1200 x 2200	Item No. 2-941222.PD	Item No. 2-941222.D

Measures	Plasma nitrided	Steel S355J2+N
1200 x 2400	Item No. 2-941224.PD	Item No. 2-941224.D
1400 x 1400	Item No. 2-941414.PD	Item No. 2-941414.D
1400 x 1600	Item No. 2-941416.PD	Item No. 2-941416.D
1400 x 1800	Item No. 2-941418.PD	Item No. 2-941418.D
1400 x 2000	Item No. 2-941420.PD	Item No. 2-941420.D
1400 x 2200	Item No. 2-941422.PD	Item No. 2-941422.D
1400 x 2400	Item No. 2-941424.PD	Item No. 2-941424.D
1500 x 1500	Item No. 2-941515.PD	Item No. 2-941515.D
1500 x 1600	Item No. 2-941516.PD	Item No. 2-941516.D
1500 x 1800	Item No. 2-941518.PD	Item No. 2-941518.D
1500 x 2000	Item No. 2-941520.PD	Item No. 2-941520.D
1500 x 2200	Item No. 2-941522.PD	Item No. 2-941522.D
1500 x 2400	Item No. 2-941524.PD	Item No. 2-941524.D
1500 x 2600	Item No. 2-941526.PD	Item No. 2-941526.D
1500 x 2800	Item No. 2-941528.PD	Item No. 2-941528.D
1500 x 3000	Item No. 2-941530.PD	Item No. 2-941530.D
1600 x 1600	Item No. 2-941616.PD	Item No. 2-941616.D
1600 x 1800	Item No. 2-941618.PD	Item No. 2-941618.D
1600 x 2000	Item No. 2-941620.PD	Item No. 2-941620.D
1600 x 2200	Item No. 2-941622.PD	Item No. 2-941622.D
1600 x 2400	Item No. 2-941624.PD	Item No. 2-941624.D
1600 x 2600	Item No. 2-941626.PD	Item No. 2-941626.D
1600 x 2800	Item No. 2-941628.PD	Item No. 2-941628.D
1600 x 3000	Item No. 2-941630.PD	Item No. 2-941630.D

Item is made to order



## Clamping- and Replacement Plate, with bore holes - 100 mm grid



### Description:

The versatile Clamping- and Replacement Plate with system holes can be used in combination with clamping tables, manipulators, welding turntables, as well as a replacement plate. The high efficiency of the plate is a special advantage. Fastening is done quickly and simply by using bolts, as well as support and clamping sleeves (Item No. 280500). The sides are equipped with M8 thread holes.

Minimum width: 600 mm  
Minimum length: 800 mm  
Minimum surface: 0,64 m<sup>2</sup>  
Further sizes upon request.  
Material S355J2+N (St 52/3 Steel).

Prices based on quantity.

### Discount:

starting from 2 pieces: 5 %  
starting from 5 pieces: 10 %  
starting from 10 pieces: 15 %

By request, the Clamping and Replacement Plate is also available in stainless steel.

Additional threaded holes available on request.

Clamping- and Replacement Plate, with bore holes - 100 mm grid

Measures	Plasma nitrided	Steel S355J2+N
600 x 800	Item No. 2-940608.P	Item No. 2-940608
600 x 1000	Item No. 2-940610.P	Item No. 2-940610
600 x 1200	Item No. 2-940612.P	Item No. 2-940612
800 x 800	Item No. 2-940808.P	Item No. 2-940808
800 x 1000	Item No. 2-940810.P	Item No. 2-940810
800 x 1200	Item No. 2-940812.P	Item No. 2-940812
800 x 1400	Item No. 2-940814.P	Item No. 2-940814
800 x 1600	Item No. 2-940816.P	Item No. 2-940816
800 x 1800	Item No. 2-940818.P	Item No. 2-940818
800 x 2000	Item No. 2-940820.P	Item No. 2-940820
800 x 2200	Item No. 2-940822.P	Item No. 2-940822
800 x 2400	Item No. 2-940824.P	Item No. 2-940824
1000 x 1000	Item No. 2-941010.P	Item No. 2-941010
1000 x 1200	Item No. 2-941012.P	Item No. 2-941012
1000 x 1400	Item No. 2-941014.P	Item No. 2-941014
1000 x 1600	Item No. 2-941016.P	Item No. 2-941016
1000 x 1800	Item No. 2-941018.P	Item No. 2-941018
1000 x 2000	Item No. 2-941020.P	Item No. 2-941020
1000 x 2200	Item No. 2-941022.P	Item No. 2-941022
1000 x 2400	Item No. 2-941024.P	Item No. 2-941024
1200 x 1200	Item No. 2-941212.P	Item No. 2-941212
1200 x 1400	Item No. 2-941214.P	Item No. 2-941214
1200 x 1600	Item No. 2-941216.P	Item No. 2-941216
1200 x 1800	Item No. 2-941218.P	Item No. 2-941218
1200 x 2000	Item No. 2-941220.P	Item No. 2-941220
1200 x 2200	Item No. 2-941222.P	Item No. 2-941222

Measures	Plasma nitrided	Steel S355J2+N
1200 x 2400	Item No. 2-941224.P	Item No. 2-941224
1400 x 1400	Item No. 2-941414.P	Item No. 2-941414
1400 x 1600	Item No. 2-941416.P	Item No. 2-941416
1400 x 1800	Item No. 2-941418.P	Item No. 2-941418
1400 x 2000	Item No. 2-941420.P	Item No. 2-941420
1400 x 2200	Item No. 2-941422.P	Item No. 2-941422
1400 x 2400	Item No. 2-941424.P	Item No. 2-941424
1500 x 1500	Item No. 2-941515.P	Item No. 2-941515
1500 x 1600	Item No. 2-941516.P	Item No. 2-941516
1500 x 1800	Item No. 2-941518.P	Item No. 2-941518
1500 x 2000	Item No. 2-941520.P	Item No. 2-941520
1500 x 2200	Item No. 2-941522.P	Item No. 2-941522
1500 x 2400	Item No. 2-941524.P	Item No. 2-941524
1500 x 2600	Item No. 2-941526.P	Item No. 2-941526
1500 x 2800	Item No. 2-941528.P	Item No. 2-941528
1500 x 3000	Item No. 2-941530.P	Item No. 2-941530
1600 x 1600	Item No. 2-941616.P	Item No. 2-941616
1600 x 1800	Item No. 2-941618.P	Item No. 2-941618
1600 x 2000	Item No. 2-941620.P	Item No. 2-941620
1600 x 2200	Item No. 2-941622.P	Item No. 2-941622
1600 x 2400	Item No. 2-941624.P	Item No. 2-941624
1600 x 2600	Item No. 2-941626.P	Item No. 2-941626
1600 x 2800	Item No. 2-941628.P	Item No. 2-941628
1600 x 3000	Item No. 2-941630.P	Item No. 2-941630

Item is made to order

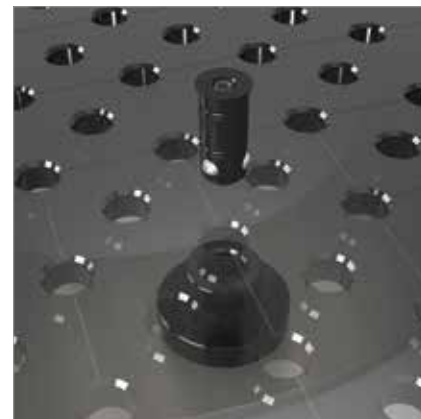
## Support and Clamping Sleeve



280500

### Description:

Burnished Support and Clamping Sleeve, flexible tool to lock Siegmund components into position at any location, using a clamping bolt. The Support and Clamping Sleeve can be welded or bolted onto a customer-specific device, thereby providing the option of quickly fastening a replacement plate with the use of a clamping bolt.



Support and Clamping Sleeve - Burnished	Height: (c)	Ø: (o)	Weight:	Item No.
	50 mm	90 mm	1,10 kg	2-280500 ●

● = Stock item / ○ = Item is made to order



Steel Cover

**Description:**

Steel Cover, precisely aligned to protect drill holes, thereby avoiding the accumulation of dirt within unused bore holes.



280238.1



**Steel Cover / pack of 10**  
 - Burnished  
 - protects drill holes from dirt  
 - 10 pieces / 1 m rail

Height: (c)	Ø: (o)	Weight:	Item No.
10 mm	30 mm	0,05 kg	2-280238.1 ●

● = Stock item / ○ = Item is made to order



	Page
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Leg Standard equipment	152
Leg height-adjustable	154
Leg with Caster and Locking Brake / Leg height-adjustable with Caster and Locking Brake	156
Leg with Floor Anchoring	158
Fastening Plate with Caster / Base Plate	160
Hydraulic Lift	162





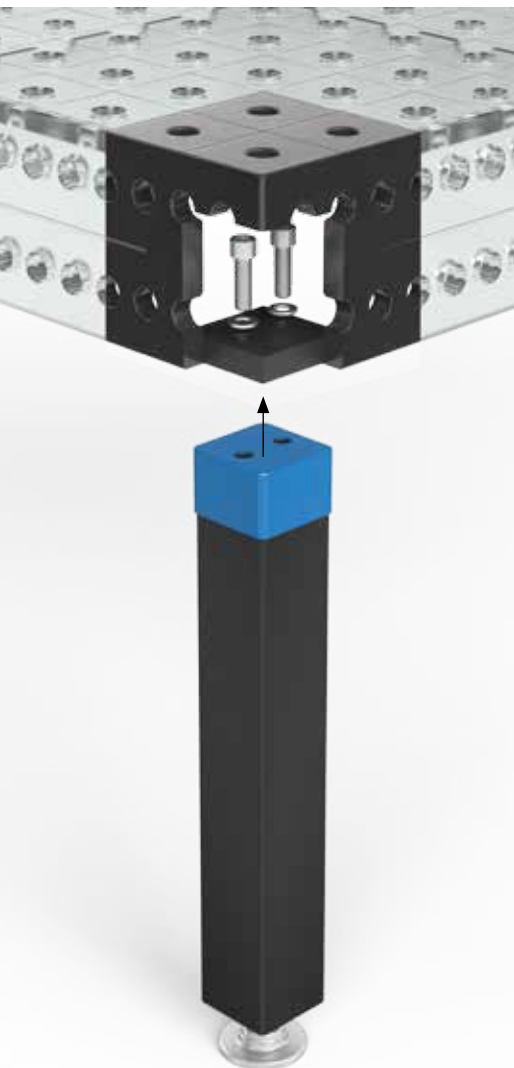
## Table Legs

### INSTALLATION TABLE LEGS:

Per table leg two cylinder bolts with spring rings are inserted in the mounting panel. Afterwards the table leg is bolted at a torque of 150 Nm.

Screws are included in delivery.

Please follow enclosed installation instructions.

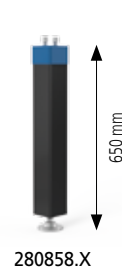


### LEG STANDARD EQUIPMENT

Page 152

#### STYLES

650  
750  
Special Sizes



280858.X

Bearing load  
per leg:  
2,000 kg



280857.X

Bearing load  
per leg:  
2,000 kg

### LEG HEIGHT-ADJUSTABLE

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#### STYLES

450-700  
550-900  
Special Sizes



280878.X

Bearing load  
per leg:  
2,000 kg



280877.X

Bearing load  
per leg:  
2,000 kg

### LEG WITH CASTER AND LOCKING BRAKE

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#### STYLES

650  
Special Sizes



280876.X

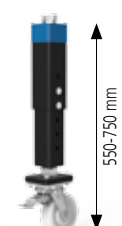
Bearing load  
per leg:  
800 kg

### LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

Page 157

#### STYLES

550-750  
Special Sizes



280879.X

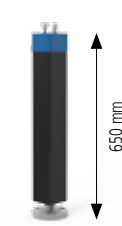
Bearing load  
per leg:  
800 kg

### LEG WITH FLOOR ANCHORING

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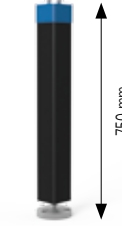
#### STYLES

650  
750  
Special Sizes



280874.X

Bearing load  
per leg:  
2,000 kg



280875.X

Bearing load  
per leg:  
2,000 kg

Table legs not for Basic tables.



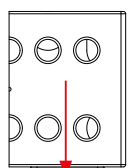
### BEARING LOAD PER LEG

The maximum bearing load per leg in system 28 is max. 800-2.000 kg for all tables depending on the leg type.

**Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.**

Please consult with manufacturer, if higher overall loads are required.

### FOR MAXIMUM SECURITY:

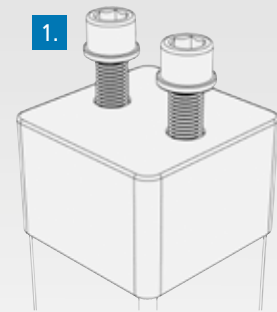


Allowable bearing load:

Vertical force direction:  
20 kN

Horizontal force direction:

2 kN  
Maximum stability ensured by large section tube (90x90 mm).



### 1. ALLEN SCREW

- with M16 thread
- with lockwasher for security

### 2. SLEEVE

Professional Extreme 850 design used as a distinguishing feature

### 3. MATERIAL

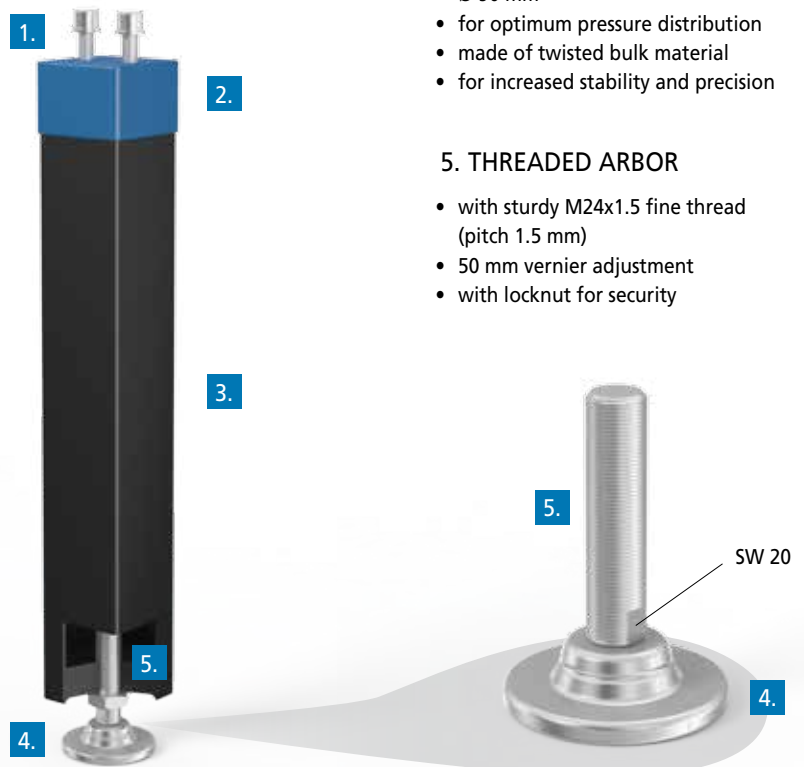
- sturdy square pipe 90x90 mm
- for increased stability
- powder coated

### 4. BASE PLATE

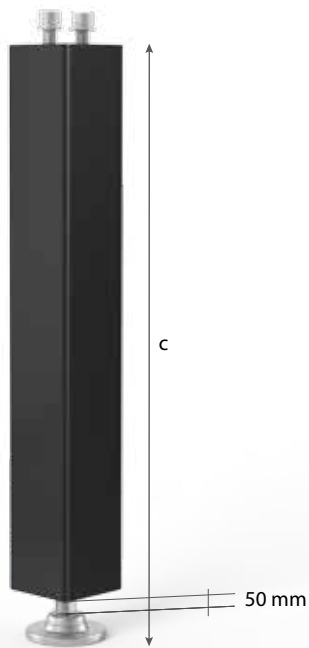
- Ø 90 mm
- for optimum pressure distribution
- made of twisted bulk material
- for increased stability and precision

### 5. THREADED ARBOR

- with sturdy M24x1.5 fine thread (pitch 1.5 mm)
- 50 mm vernier adjustment
- with locknut for security



## Leg Standard equipment



280858.X

280857.X

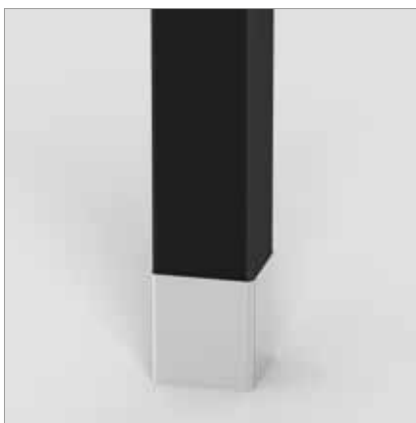


280859

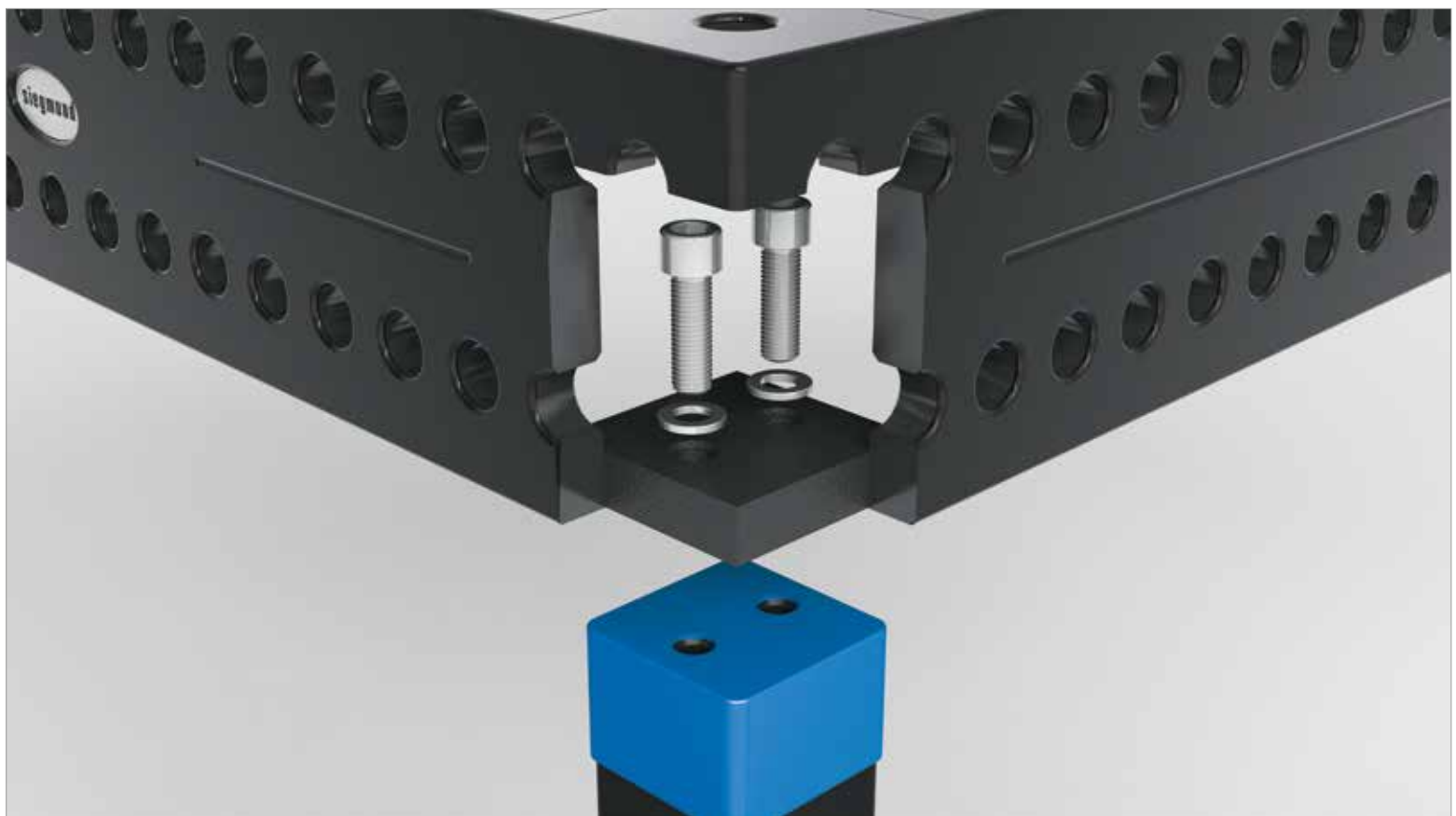
### Description:

Standard Leg, available in various lengths (special lengths upon request). Load-bearing capacity 2,000 kg, adjustable up to 50 mm (vernier adjustment).

Leg Boot protects threaded arbor from dirt and prevents damages to the welding hose, due to the constant contact with the threaded arbor.





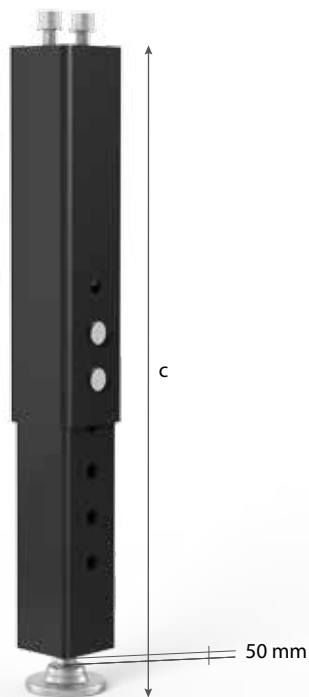


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg Standard equipment 650</b> - 50 mm vernier adjustment	90 mm	90 mm	650 mm	8,50 kg	2-280858.X ●
<b>Leg Standard equipment 750</b> - 50 mm vernier adjustment	90 mm	90 mm	750 mm	9,00 kg	2-280857.X ●
<b>Leg Standard, special height min. 150 mm</b> - 50 mm vernier adjustment	90 mm	90 mm			2-280856.XS ○
<b>Further sizes and heights available upon request</b>					○
<b>Sleeve for Table Leg</b> - for Leg Standard / Floor anchoring	95 mm	95 mm	100 mm	0,45 kg	2-280859 ●

● = Stock item / ○ = Item is made to order

Table legs not suitable for Basic tables.

Leg height-adjustable



280878.X

280877.X

280859.1

**Description:**

Leg is height adjustable in a range of 450-700 mm or 550-900 mm. The load-bearing capacity remains 2,000 kg, regardless of height. A second lock bolt ensures additional stability. The leg can be vernier adjusted up to 50 mm.

Leg Boot protects threaded arbor from dirt and prevents damages to the welding hose, due to the constant contact with the threaded arbor.





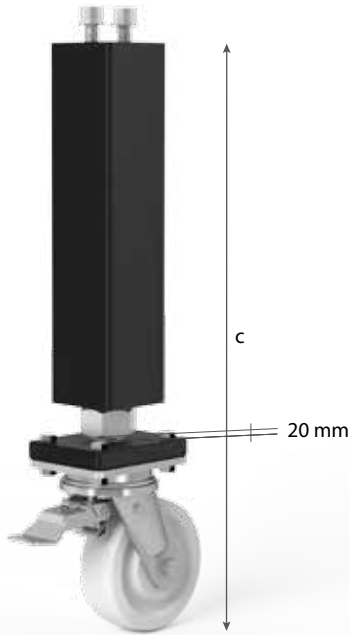
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg height-adjustable 450-700</b> - 50 mm vernier adjustment - Table height 650-900 mm adjustable	90 mm	90 mm	450-700 mm	9,20 kg	2-280878.X ●
<b>Leg height-adjustable 550-900</b> - 50 mm vernier adjustment - Table height 750-1100 mm adjustable	90 mm	90 mm	550-900 mm	11,00 kg	2-280877.X ●
<b>Additional sizes upon request</b>					○
<b>Sleeve for Table Leg</b> - powder coated - for Leg height-adjustable	80 mm	80 mm	100 mm	0,45 kg	2-280859.1 ○

● = Stock item / ○ = Item is made to order

Table legs not suitable for Basic tables.



## Leg with Caster and Locking Brake



280876.X

### Description:

Leg with Caster and Locking Brake, load-bearing capacity 800 kg per caster. Each leg can be height-adjusted up to 20 mm (vernier adjustment), by turning the spacer plate and is equipped with a reinforced arbor.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg with Caster and Locking Brake 650</b> - 20 mm vernier adjustment	90 mm	90 mm	650 mm	9,00 kg	2-280876.X ●
<b>Additional sizes upon request</b>					○

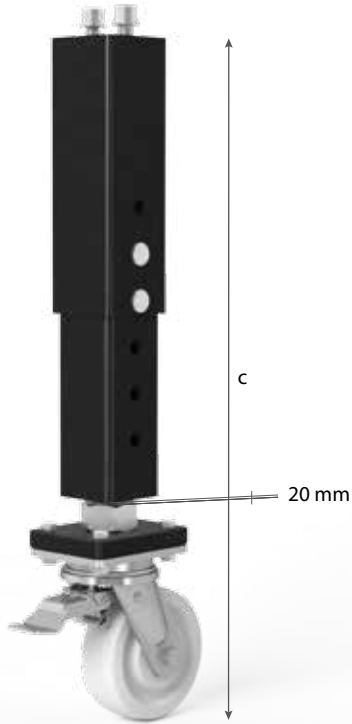
● = Stock item / ○ = Item is made to order

Table legs not suitable for Basic tables.

Leg height-adjustable with Caster and Locking Brake

**Description:**

Leg height-adjustable with Caster and Locking Brake, load-bearing capacity 800 kg and vernier adjustable up to 20 mm.



280879.X



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg height-adjustable with Caster and Locking Brake 550-750</b> - 20 mm vernier adjustment - Table height 750-950 mm adjustable	90 mm	90 mm	550-750 mm	11,00 kg	2-280879.X ●
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

Table legs not suitable for Basic tables.

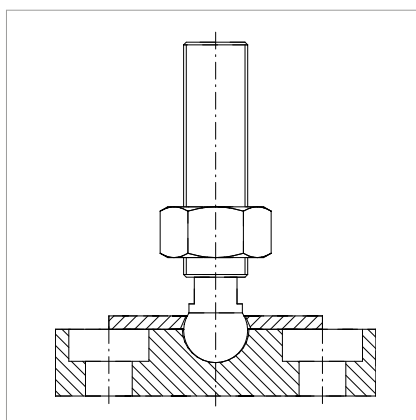
## Leg with Floor Anchoring



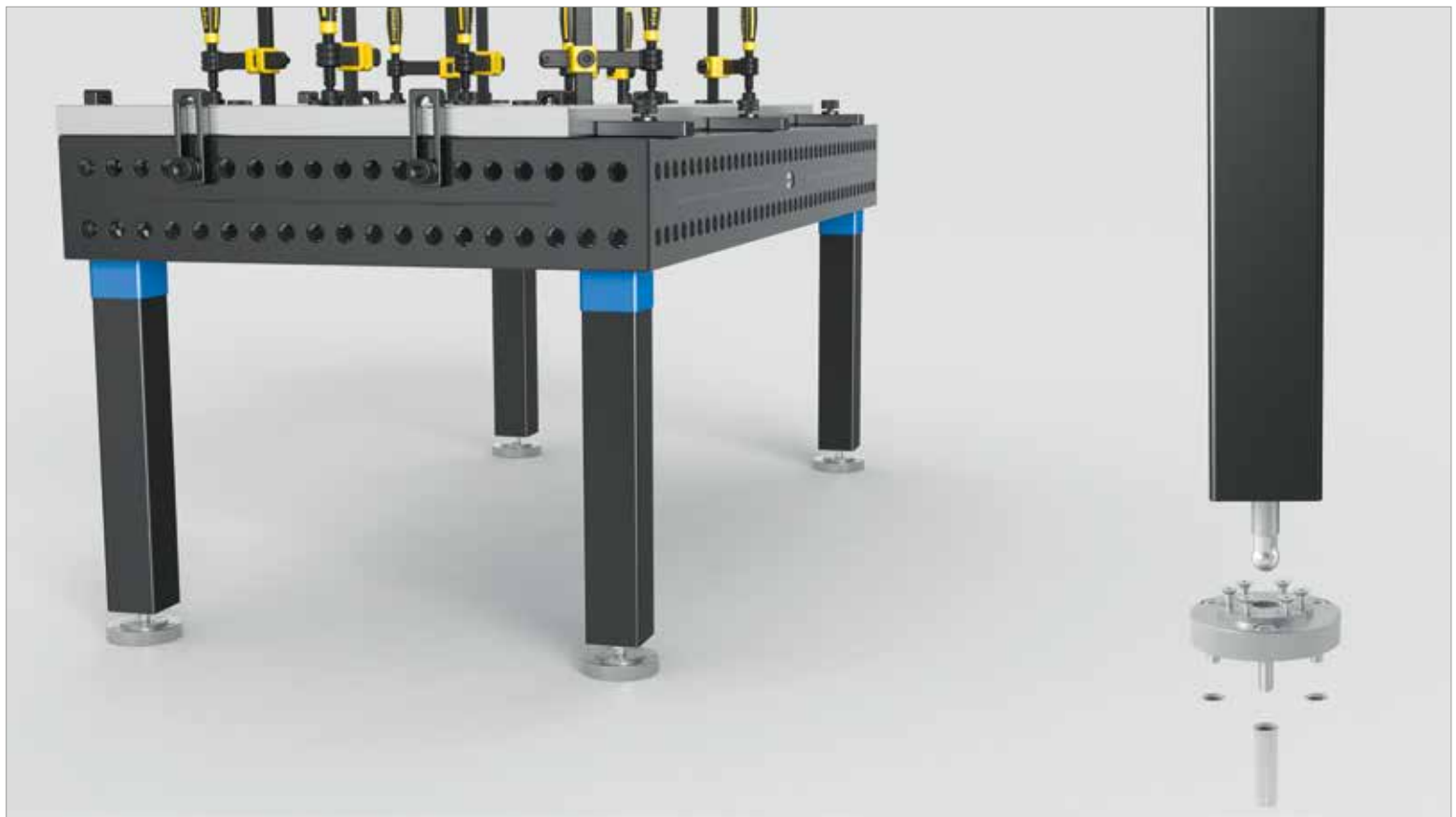
### Description:

Leg with floor anchoring, load-bearing capacity of 2,000 kg and suitable for all applications that demand stability. Leg is adjustable up to 50 mm (vernier adjustment).

Leg Boot protects threaded arbor from dirt and prevents damages to the welding hose, due to the constant contact with the threaded arbor.





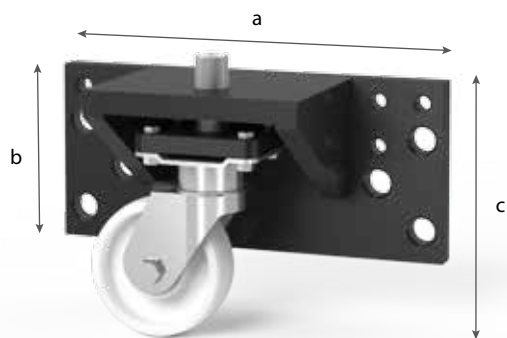


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Leg with Floor Anchoring 650</b> - 50 mm vernier adjustment	90 mm	90 mm	650 mm		8,50 kg	2-280874.X ●
<b>Leg with Floor Anchoring 750</b> - 50 mm vernier adjustment	90 mm	90 mm	750 mm		9,00 kg	2-280875.X ●
<b>Additional sizes upon request</b>						○
<b>Plate for Floor Anchoring</b> - Interchangeable with base plate for leg standard equipment and leg height adjustable.				130 mm	3,00 kg	2-280868 ●
<b>Heavy- Duty Bolt</b> - 1 set = 3 screws + 3 studs					0,40 kg	2-280869 ●
<b>Sleeve for Table Leg</b> - for Leg Standard / Floor anchoring	95 mm	95 mm	100 mm		0,45 kg	2-280859 ●

● = Stock item / ○ = Item is made to order

Table legs not suitable for Basic tables.

## Fastening Plate with Caster



280867



### Description:

Fastening Plate, enables mobility of tables with low design height. The hexagon socket on top of the arbor enables height adjustment.

**Fastening Plate with Caster**  
 - 50 mm vernier adjustment  
 - for work table system 28 and 16

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
450 mm	205 mm	300 mm	36,00 kg	2-280867 ○

● = Stock item / ○ = Item is made to order

**Description:**

Base Plate, especially designed for the connection frame, to enable its use outside of the rail system. It can also be used in all system 28 tables. Legs have base plates with system 28 bore holes, when used in combination with Professional Tables. (Please specify when ordering)



280855.X

160855.X



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Base Plate</b> - for connecting frame - 50 mm vernier adjustment - M24x1.5 thread for vernier adjustment	130 mm	90 mm	1,00 kg	2-280855.X ●
<b>Base Plate</b> - for system 28 welding table - 40 mm vernier adjustment - M16x1.5 thread for vernier adjustment	100 mm	70 mm	0,40 kg	2-160855.X ●

● = Stock item / ○ = Item is made to order



## Hydraulic Lift



### Description:

Hydraulic Lift, facilitates quick and smooth height adjustment of welding- and clamping tables. Consequently, it simplifies handling of large work pieces.

Additional bearing loads and options in special sizes are available upon request.

Cable length for feed cable and operation unit is 3 m each. Basic height of Hydraulic Lift equals its minimum height. Maximum height results from basic height plus specified effective stroke. Height specifications refer to lifting platform without table.

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Hydraulic Lift</b> - for Work Table 280010 - load-bearing capacity 1,000 kg / effective stroke 925 mm	990 mm	990 mm	235 mm	210,00 kg	0-289084 ○
<b>Hydraulic Lift</b> - for Work Table 280025 - load-bearing capacity 1,000 kg / effective stroke 700 mm	1190 mm	790 mm	200 mm	270,00 kg	0-289905 ○
<b>Hydraulic Lift</b> - for Work Table 280015 - load-bearing capacity 2,000 kg / effective stroke 700 mm	1190 mm	1190 mm	200 mm	300,00 kg	0-289239 ○
<b>Hydraulic Lift</b> - for Work Table 280035 - load-bearing capacity 2,000 kg / effective stroke 800 mm	1490 mm	990 mm	200 mm	450,00 kg	0-289132 ○
<b>Hydraulic Lift</b> - for Work Table 280050 - load-bearing capacity 2,000 kg / effective stroke 800 mm	1490 mm	1490 mm	280 mm	530,00 kg	0-289088 ○
<b>Hydraulic Lift</b> - for Work Table 280020 - load-bearing capacity 2,000 kg / effective stroke 1,000 mm	1990 mm	990 mm	230 mm	580,00 kg	0-289085 ○
<b>Hydraulic Lift</b> - for Work Table 280060 - load-bearing capacity 2,000 kg / effective stroke 1,000 mm	1990 mm	1190 mm	280 mm	800,00 kg	0-289893 ○
<b>Hydraulic Lift</b> - for Work Table 280045 - load-bearing capacity 3,000 kg / effective stroke 1,000 mm	1990 mm	1990 mm	350 mm	900,00 kg	0-289897 ○
<b>Hydraulic Lift</b> - for Work Table 280030 - load-bearing capacity 2,000 kg / effective stroke 1,300 mm	2390 mm	1190 mm	280 mm	800,00 kg	0-289367 ○
<b>Hydraulic Lift</b> - for Work Table 280040 - load-bearing capacity 3,000 kg / effective stroke 1,600 mm	2990 mm	1490 mm	350 mm	1200,00 kg	0-289087 ○
<b>Hydraulic Lift</b> - for Work Table 280055 - load-bearing capacity 5,000 kg / effective stroke 1,600 mm	3990 mm	1990 mm	460 mm	2200,00 kg	0-289089 ○

● = Stock item / ○ = Item is made to order

For technical reasons height is subject to change.





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## Flexible space for precise and quick positioning...

...in order to meet these requirements, Siegmund offers the ideal solution - the new Rail System with integrated round rail.

Precise installation of our Rail System creates a structured work space with maximum accuracy and minimum tolerance. For example at a length of 25 meters there is a deviation of approx. 2 mm (if installing with adequate measuring equipment). Therefore large-scale work pieces can be manufactured true to size.

The combination of tables, connecting frames and accessories, result in a multitude of clamping options in any dimension. With the help of connecting frames with casters, tables and accessories are easily moved and spaded on a 100 mm grid. Due to the versatility of the Rail System, projects of any scope can be quickly positioned, adjusted and clamped.

The Siegmund Rail System stands for quality, precision and time saving.

### MODULAR SYSTEM

By using the Siegmund modular system you can randomly combine and expand your equipment.

### MAXIMUM PRECISION

Precision of parts, in connection with expert installation of the Rail System using adequate measuring equipment, enable accurate manufacturing.



## INDIVIDUALLY DESIGNED

Regardless of the project you want to implement, we deliver the foundation.

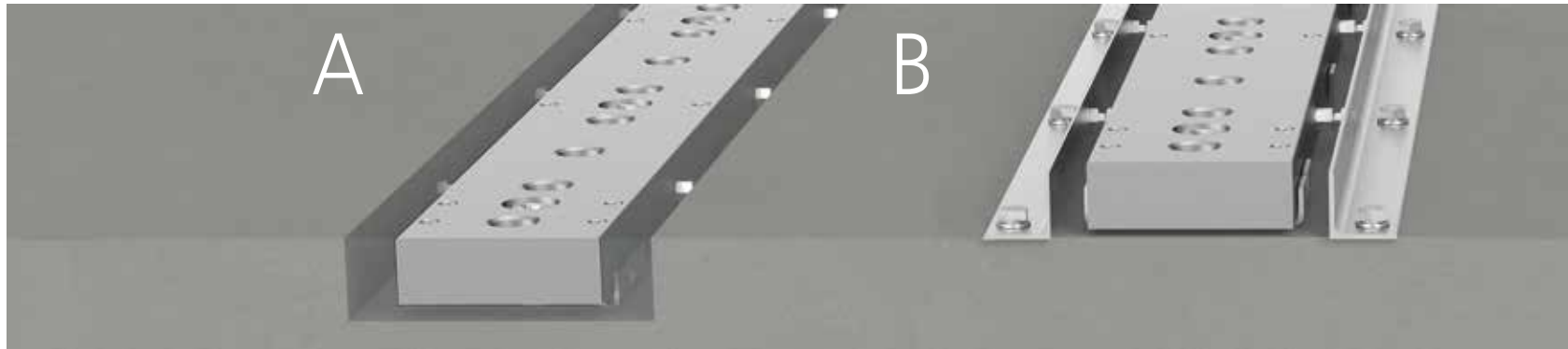
## VARIABLE POSITIONING

Expand your work space in any dimension!

...as flexible and mobile as you need it!



## Overview Rail Options



**A**  
SUPPORT AND FOUNDATION RAIL  
UNDERFLOOR

**B**  
ABOVE-FLOOR

INSTALLATION OPTIONS Underfloor

Above-floor

### ADVANTAGES

- structured workspace with many clamping options
- precise positioning of clamping elements

- structured workspace with many clamping options
- precise positioning of clamping elements

- easy sliding of clamping elements on the rail with connecting frame with caster (F) or leg for U-squares with caster (K) (no lifting gear and crane required)

### CLAMPING ELEMENTS

- Welding table on connecting frame simple (E)
- U-square for leg U-square simple (I)
- Clamping bridge (M)
- U-Square
- Cast Iron Squares
- Multi Clamp Tower

- Welding table on connecting frame simple (E)
- Welding table on connecting frame with casters (F)
- U-square on leg for U-square simple (I) and with caster (K)
- Clamping bridge (M)
- U-Square
- Cast Iron Squares
- Multi Clamp Tower

### POSITIONING GRID FOR FIXATION

100 mm in rail grid

100 mm in rail grid

### RAIL LENGTHS / STYLES

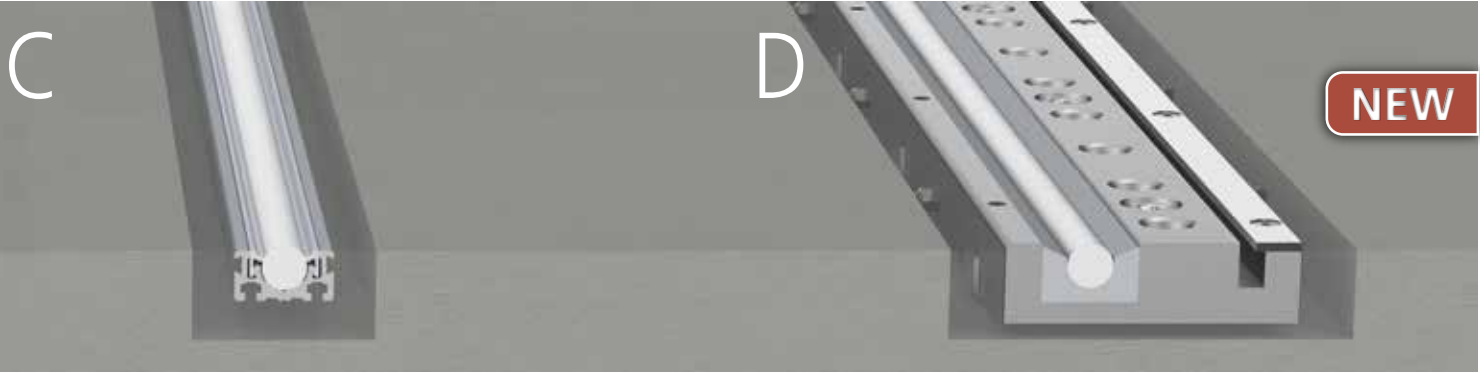
see page 178

see page 178

### FEATURES

- Clamping elements are anchored with the rail (movable only with lifting gear and crane)

- Clamping elements on casters slide smoothly on the rail (no lifting gear and crane required)



**ROUND RAIL**

(recommended in connection with Support- and Foundation Rail underfloor or above-floor)

underfloor and above-floor option  
(illustration underfloor)

- precise positioning of the clamping elements in combination with rails A, B or D
- easy sliding of clamping elements on the rail via connecting frame with caster (F) or leg for U-squares with caster (K) (no lifting gear and crane required)
- Round rail hardened / smoothed (sturdy rail, resulting in higher service life)
- centering of load on round rail (lower rolling friction, resulting in smooth operation)

- Welding table on connecting frame with cartridge roller (G)
- U-square on leg for U-square with insert roller (L)

100 mm in rail grid  
(only in connection with Support- and Foundation Rail underfloor or above-floor)

see page 180

- slides easily
- high running smoothness of casters

**SUPPORT AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL**

underfloor and above-floor option  
(illustration underfloor)

- structured workspace with many clamping options
- precise positioning of clamping elements
- easy sliding of clamping elements on the rail via connecting frame with caster (F) or leg for U-squares with caster (K) (no lifting gear and crane required)
- Round rail hardened / smoothed (sturdy rail, resulting in higher service life)
- centering of load on round rail (lower rolling friction, resulting in smooth operation)

- Rail components are interchangeable (durability)

- Welding table on connecting frame simple (E)
- Welding table on connecting frame with rotating rim (H)
- U-square on leg for U-square simple (I) and with cartridge roller (L)
- (recommended only in connection with tilt protection) Clamping bridge (M)
- U-Square
- Cast Iron Squares
- Multi Clamp Tower

100 mm in rail grid

see page 182

- slides easily
- high running smoothness of casters

## Comparison Support- and Foundation Rails



### A SUPPORT AND FOUNDATION RAIL UNDER FLOOR

You can also find the product video on:

[www.siegmund.com/V280883](http://www.siegmund.com/V280883)



#### 1 FIXATION OF CONNECTING FRAMES

The "Connecting Frame simple (E)" is directly mounted on the rail by using bolts, e.g. 280510.



#### 2 FIXATION OF CLAMPING ELEMENTS

By using bolts, e.g. 280528, U-shape squares can be directly mounted on the rail, or in combination with "leg for U-shape squares simple (I)"

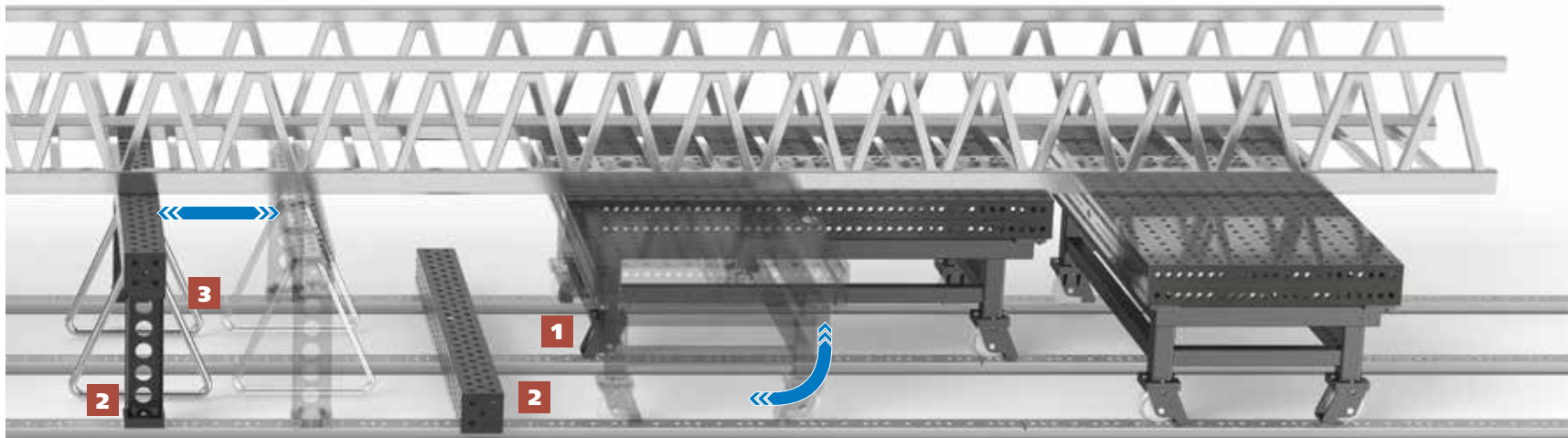


All other clamping elements are also directly mounted on the rail with bolts e. g. 280510.





**B** SUPPORT AND FOUNDATION RAIL  
ABOVE-FLOOR



**1** MOUNTING OF CONNECTING  
FRAMES

A locking lever spades the "connecting frame with caster (F)" in the grid and secures its position.



**2** MOUNTING OF CLAMPING  
ELEMENTS

With long bolts, e.g. 280512, U-shape squares can be directly mounted on the rail, or in combination with "leg for U-shape simple (I), or with "leg for U-shape square with caster (K)."

All other clamping elements are also directly mounted on the rail with bolts e. g. 280510.



**3** TILT PROTECTION FOR LEG  
U-SQUARE

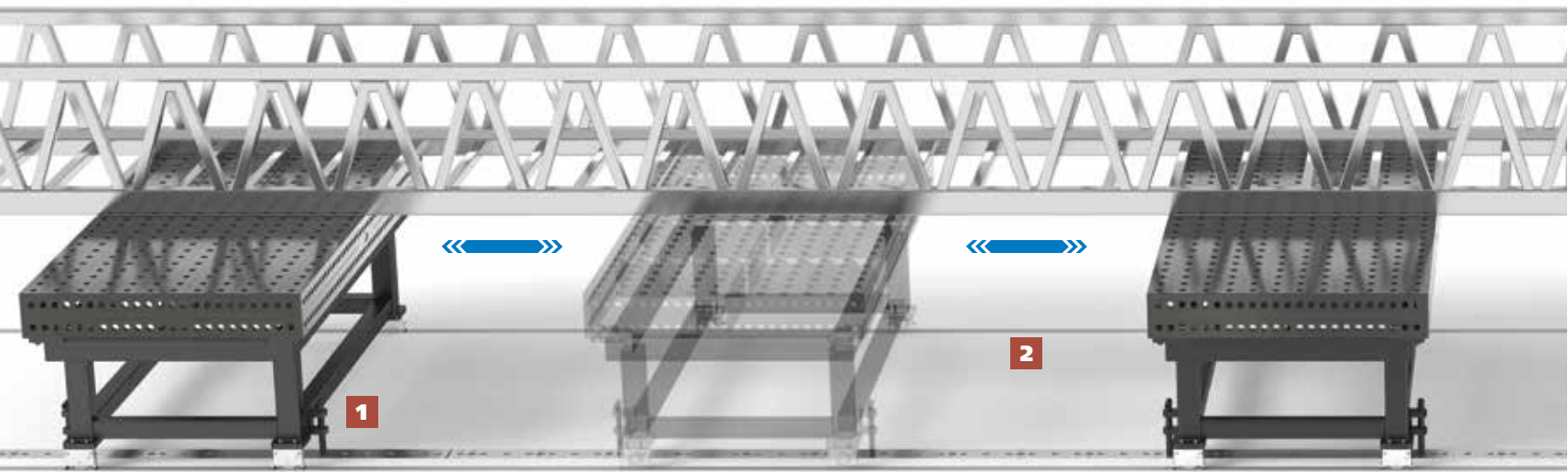
Tilt protection prevents the U-shape square from toppling onto "leg for U-shape square with caster (K)".

Tilt protection can be adjusted to customer specifications.

# Comparison Round Rail

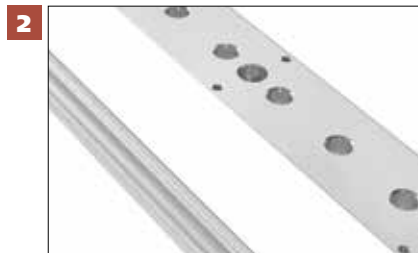


**C** SUPPORT- AND FOUNDATION RAIL WITH ROUND RAIL



**1** MOUNTING OF CONNECTING FRAMES

A locking lever spades the "connecting frame with roller cartridge (G)" in the grid and secures its position.



**2** OUR RECOMMENDATION

In order to enable working in the grid, we recommend installing the "round rail (C)" in combination with the "support- and foundation rail underfloor or above-floor (A or B).

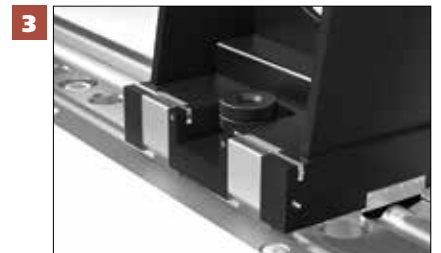
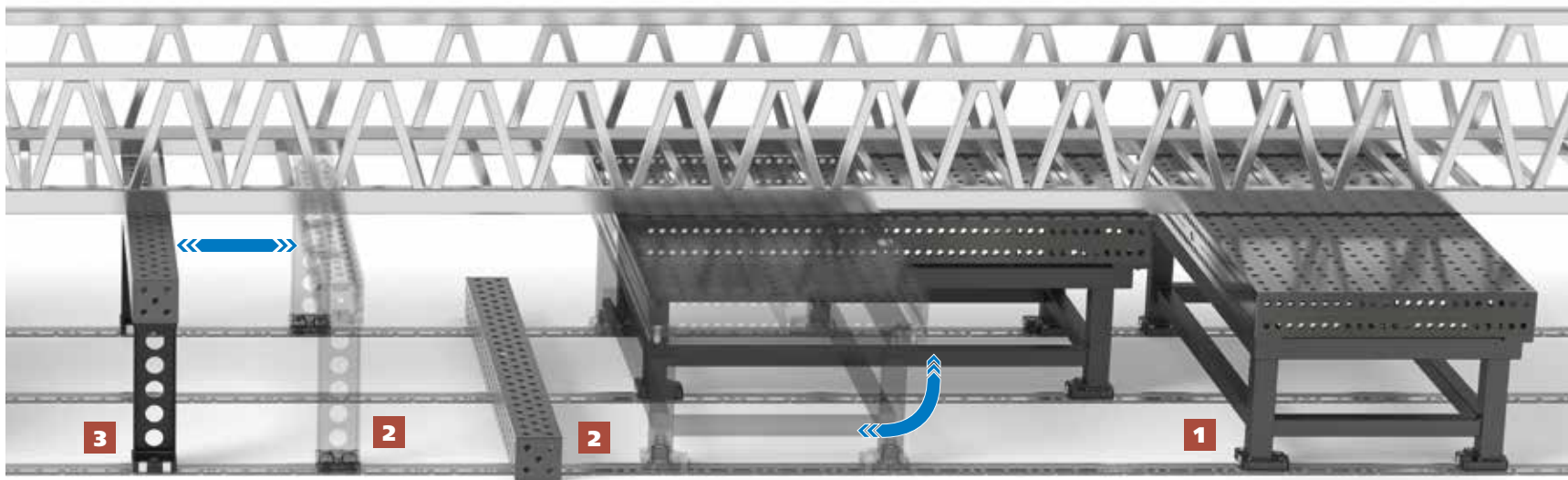
**NEW**



**D** SUPPORT- AND FOUNDATION RAIL  
WITH INTEGRATED ROUND RAIL

You can also find the product video on:

[www.siegmund.com/V280232.1](http://www.siegmund.com/V280232.1)



**1** MOUNTING OF CONNECTING FRAMES

A locking lever spades the "connecting frame with rotating rim (H)" in the grid and secures its position.

ROTATING CONNECTION FRAMES

By turning the rotating rim by 90°, the connecting frame can be positioned and moved on the rails lengthways as well as across.

**2** MOUNTING OF CLAMPING ELEMENTS

With bolts, e.g. 280510, U-shape squares can be directly mounted on the rail, or in combination with "leg for U-shape square simple (I)" or with "leg for U-shape square with insert roller (L)".

All other clamping elements are also directly mounted on the rail with bolts e. g. 280510.

**3** TILT PROTECTION FOR LEG U-SQUARE

Tilt protection prevents toppling of the U-shape square onto "leg for U-shape square with insert roller (L)".

By disconnecting the tilt protection the leg can easily be moved/removed anytime.



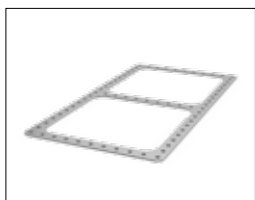


## Precise installation is the basis!

We highly recommend our installation professionals at Bernd Siegmund GmbH using state-of-the-art 3D measuring technique.

Assembly step:		Installation within Germany		Information:
		Customer	Bernd Siegmund GmbH	
1.	<b>Levelness assessment</b> of floor incl. levelness report	●	●	<b>Duration:</b> approx. 1/2 day + travel time <b>Cost:</b> approx. 1,000-1,500 €
2.	<b>Test</b> of levelness	○	●	
3.	<b>Underfloor:</b> Cut out track in concrete	● ideally by local construction company	● after consulting local construction company	
	<b>Above-floor:</b> Milling/flattening of unlevel floor	● ideally by local construction company	● after consulting local construction company	
4.	<b>Installation</b> Of Rail System, aided by 3D-measuring technique and qualified metrologist	○	●	<b>Cost:</b> approx. 200-250 € per m
5.	<b>Customer approval</b> after preparing the joint measurement report, since no corrections can be made after concreting	●	●	
6.	<b>Underfloor:</b> Concreting of Rails	●	●	

● = Installation possible  
○ = Installation not possible



For the installation of the Support- and Foundation Rails we alternatively provide an Assembly Set (Item No. 280237) free of charge.

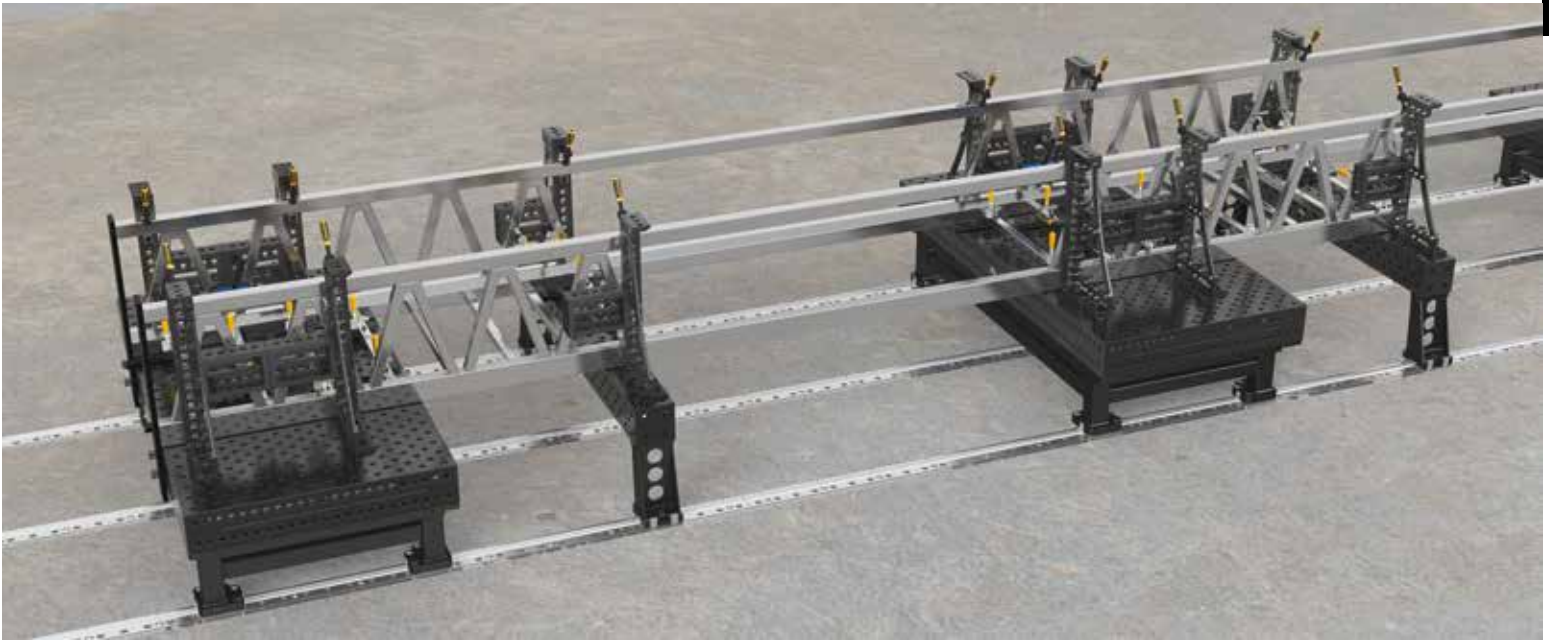
It consists of 1x Assembly Template (Item No. 280237.1) and 8x Positioning Bolts (Item No. 280237.2).

**The Assembly Template is not recommended for large spaces due to inaccuracy.**



## Important Information

Installation of the rail system is always coordinated with the customer and individually customized to his needs. Here are some important details:



### Time estimate

- Installation time approx. 1.5 hrs per meter



### Siegmund Installation Service

- upon request, we offer worldwide installation service



### Average assembly time

- on average 40-50 m are set up per week, aided by state-of-the-art 3D measuring technique



### Ideal assembly length

- the ideal installation length of the support- and foundation rail is 3-4 m



### Standard Track Width

- Track width 1 meter with more than two tracks
- Special solutions possible



### Special solutions

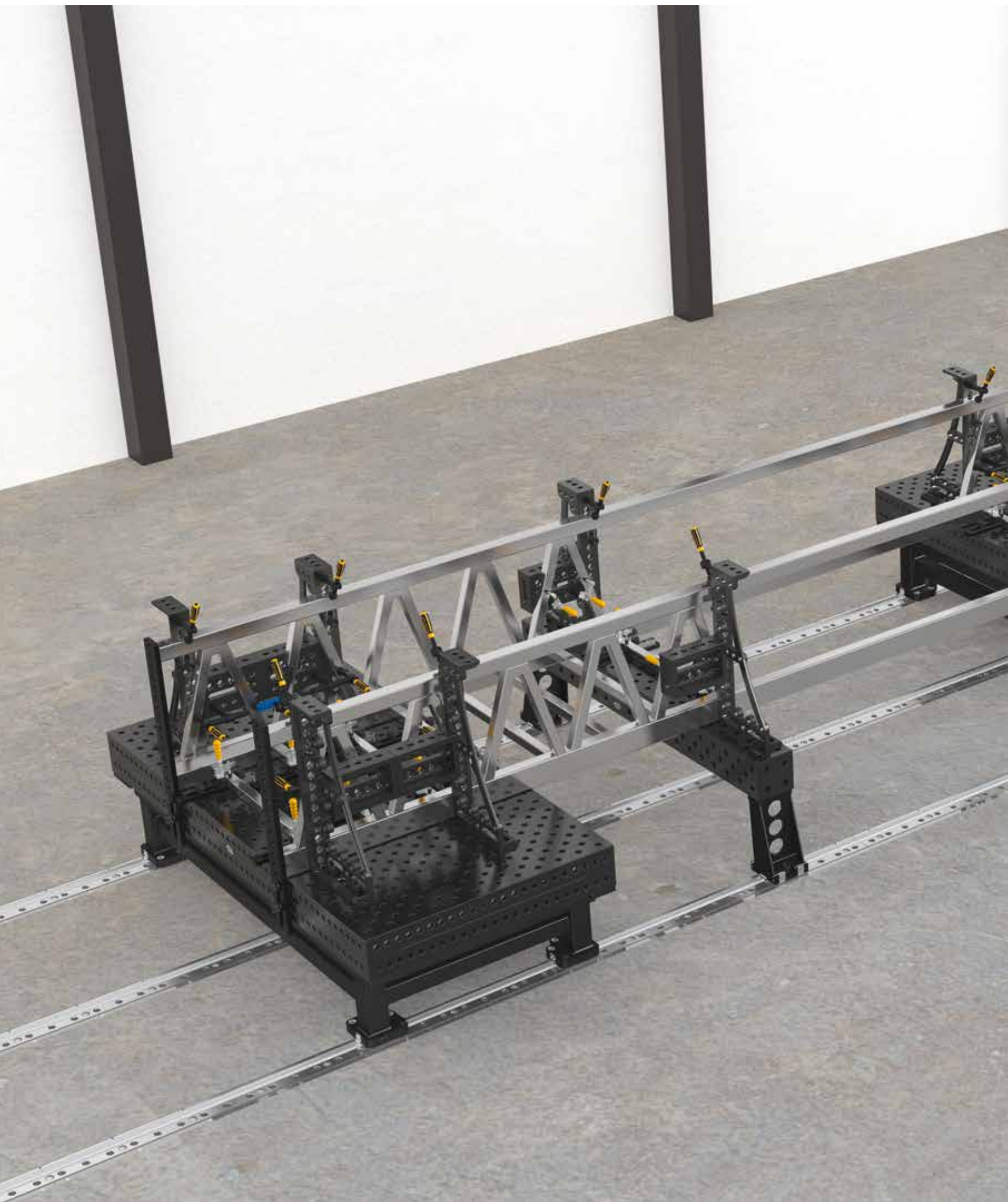
- all listed rail sizes and accessories are standard
- Special solutions upon demand



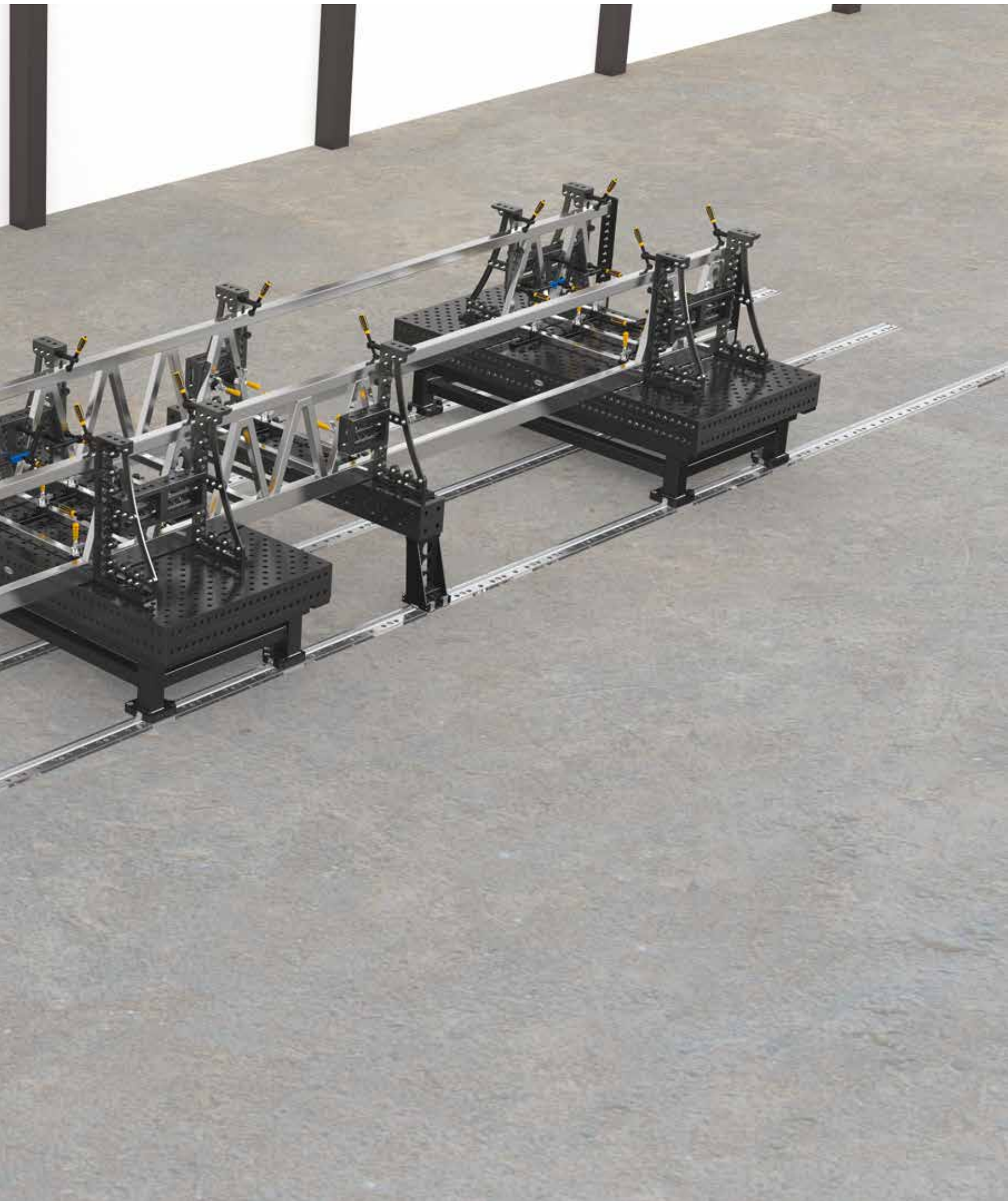
Please let our qualified team advise you, naturally also on-site.

Together we will come up with the perfect customized solution for the production of your support- and foundation rails.

**Certainly the industrial / occupational safety regulations will be followed.**







## Support- and Foundation Rail Underfloor / Above-floor

### A SUPPORT- AND FOUNDATION RAIL UNDERFLOOR



### B SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR



#### Description:

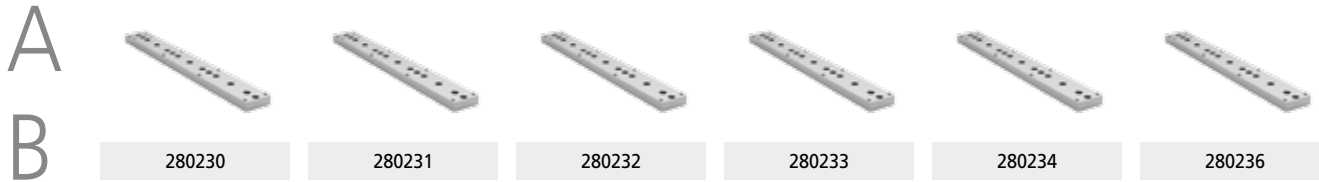
Support und Foundation Rail, suitable for setting up an extensive grid to work on large components.

By bolting or countersinking the foundation rails into the floor, structured work spaces with a multitude of clamping options are creating a safe, precise and efficient work environment.

To avoid infiltration of concrete in the bore holes, plastic caps are needed when the foundation rail is concreted. The steel cover prevents dirt from penetrating and can easily be removed with a Magnetic Bolt (Item No. 280740).

Delivery includes screw sets and base plates.

Special sizes upon request.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Support- and Foundation Rail 1000</b>	1000 mm	120 mm	40 mm	38,00 kg	2-280230 ○
<b>Support- and Foundation Rail 2000</b>	2000 mm	120 mm	40 mm	75,00 kg	2-280231 ●
<b>Support- and Foundation Rail 3000</b>	3000 mm	120 mm	40 mm	113,00 kg	2-280232 ●
<b>Support- and Foundation Rail 4000</b>	4000 mm	120 mm	40 mm	150,00 kg	2-280233 ●
<b>Support- and Foundation Rail 5000</b>	5000 mm	120 mm	40 mm	187,00 kg	2-280234 ○
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

If installation is carried out by customer - spacer pins, long nuts with screws and dowels with screws - are not included in delivery.  
If installation is carried out by supplier, the above-mentioned parts are included in installation price.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Packing Plate</b> - for Support and Foundation Rail - 4 pieces / 1 m rail	129 mm	35 mm	23 mm		3 mm	0,13 kg	2-280235.4 ●
<b>Steel Cover / pack of 10</b> - for Support and Foundation Rail - protects drill holes from dirt - 10 pieces / 1 m rail			10 mm	28-31 mm		0,50 kg	2-280238.10 ●
<b>Plastic Cap / pack of 10</b> - for Support and Foundation Rail - required with underfloor installation - 10 pieces / 1 m rail			17 mm	42 mm		0,08 kg	2-280239.10 ●
<b>Installation Template</b> - for Support and Foundation Rail - loaned against security deposit of 1,000 €, customer organizes and pays costs of back haul.	2100 mm	1100 mm	12 mm			56,00 kg	0-280237.1 ●
<b>Positioning Bolt</b> - to fix connecting frame on rail	90 mm			28 mm		0,53 kg	2-280541 ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

If installation is carried out by customer - spacer pins, long nuts with screws and dowels with screws - are not included in delivery.  
If installation is carried out by supplier, the above-mentioned parts are included in installation price.



## Round Rail

### C ROUND RAIL



#### Description:

The Round Rail is suitable for working on larger objects.

The connecting frame with precision casters can be positioned quickly and smoothly on the firmly grounded Round Rails. As a result structured work spaces with a multitude of clamping options are created, ensuring a safe, precise and efficient work environment.

Special sizes upon request.

For positioning and fixing in a 100 mm grid we recommend the round rail in combination with the support- and foundation rail underfloor or above-floor (A or B).

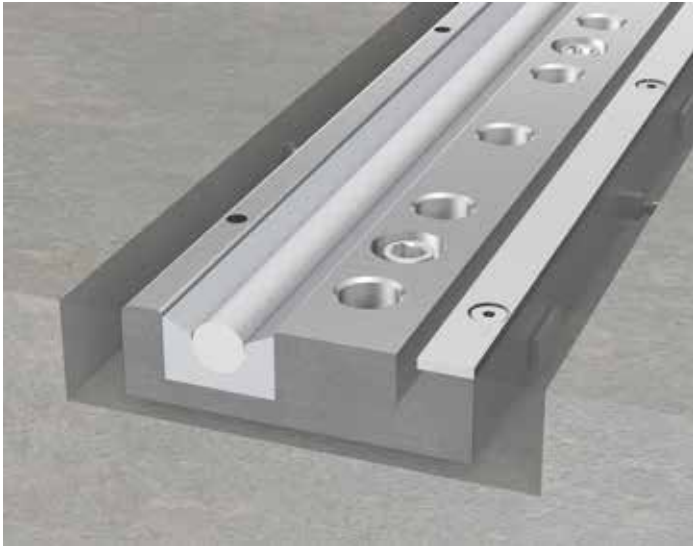


	Weight:	Item No.
<b>Round Rail 25</b> - price per meter	6,00 kg	2-280240 ○
<b>Cartridge Roller for Round Rail 25</b>	1,14 kg	2-280245 ○
<b>Mounting device based on effort</b>		○

● = Stock item / ○ = Item is made to order

Support- and Foundation Rail with integrated round rail

## D SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL



### Description:

Support and Foundation Rail with integrated round rail is especially suitable for setting up an extensive grid to work on large components.

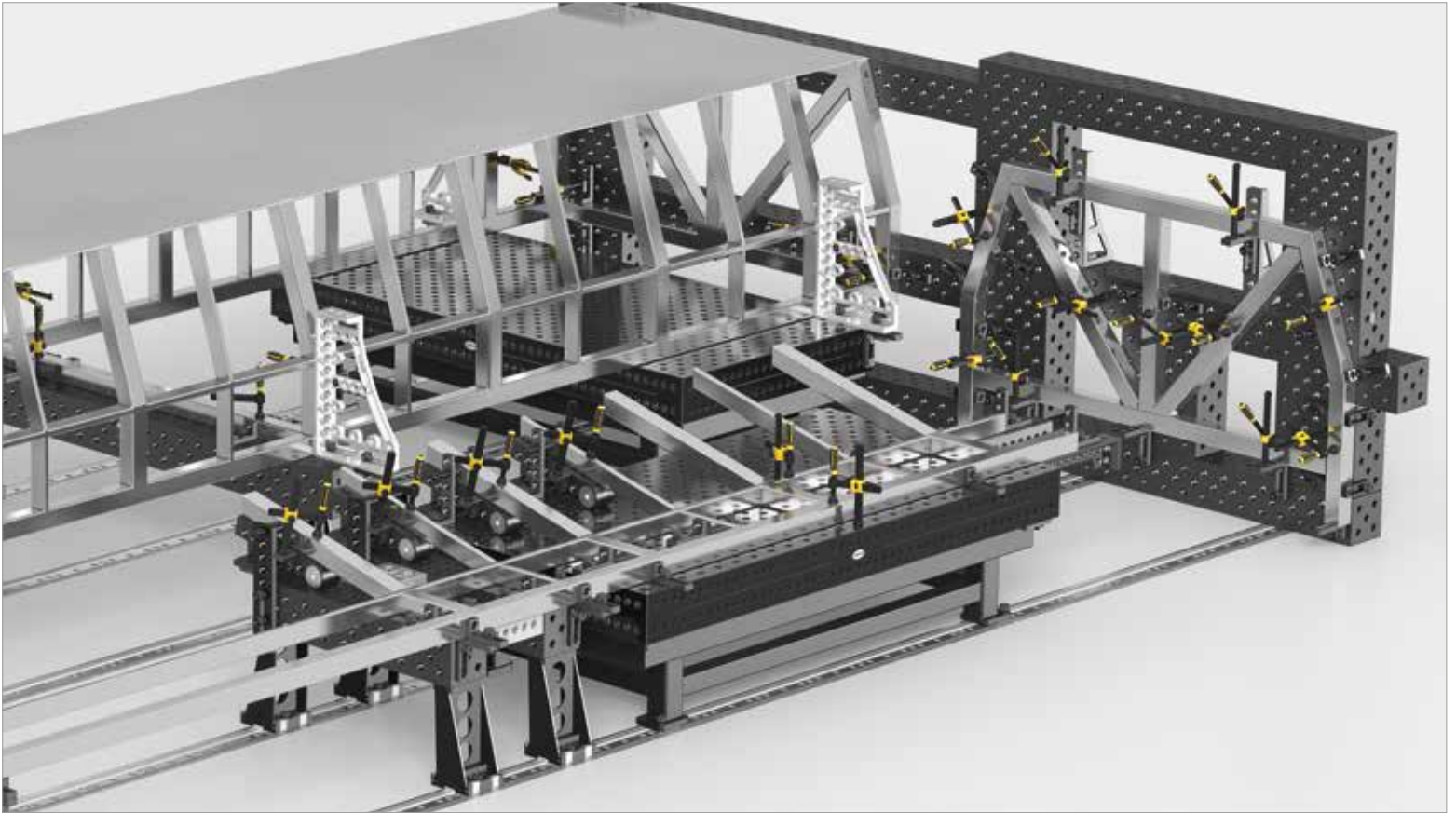
The connecting frame with rotating rim can be positioned quickly and infinitely on the annealed and smoothed round rail. The frame can be spaced in a 100 mm grid by using a positioning bolt.

After assembly plastic caps are required, when the foundation rail is being concreted. This is the only way to prevent concrete from penetrating the bore holes during the casting process. The steel cover stops dirt and can easily be removed with a Magnetic Clamping Bolt (Item No. 280740).

Included in delivery are screw sets and packing plates.

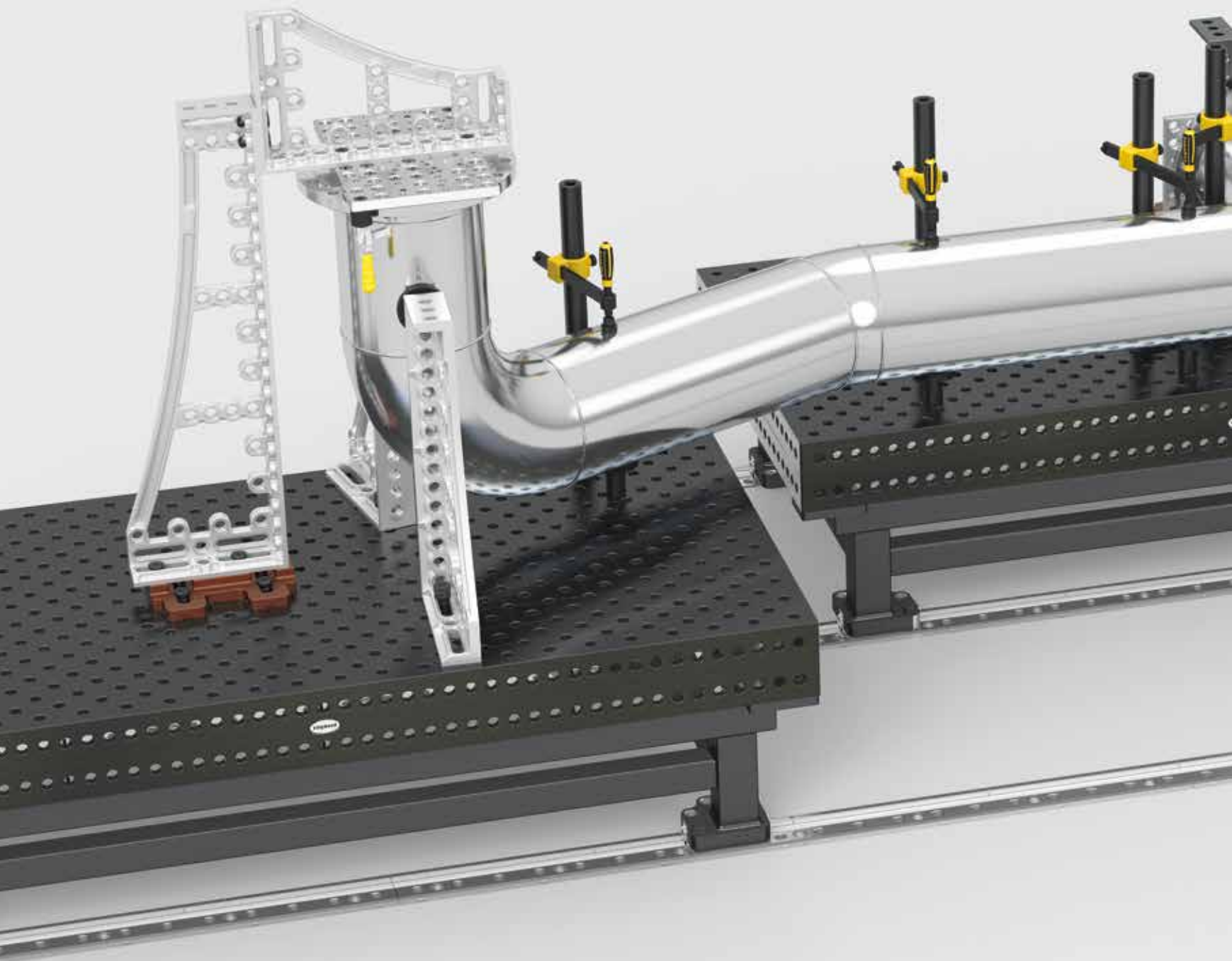
Special sizes upon request.





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Support- and Foundation Rail 3000</b> - with integrated round rail	3000 mm	160 mm	40 mm	120,00 kg	2-280232.1.T1 ○
<b>Support- and Foundation Rail 4000</b> - with integrated round rail	4000 mm	160 mm	40 mm	160,00 kg	2-280233.1.T1 ○
<b>Stopper for rail end</b> - upon request					○

● = Stock item / ○ = Item is made to order







## Connecting frame overview



**CONNECTING FRAME  
SIMPLE**

**CONNECTING FRAME  
WITH CASTER**

FOR RAIL

for Rail option A / B / D

for Rail option B

A = Support- and Foundation Rail underfloor  
 B = Support- and Foundation Rail above-floor  
 D = Support- and Foundation Rail with integrated round rail

B = Support- and Foundation Rail above-floor

BEARING LOAD

based on customer requirements 2-10 metric tons  
 (total bearing load depending on construction)

Casters bearing load 1.5 metric tons  
 (total bearing load depending on construction)

FIXATION /  
STAKING OUT

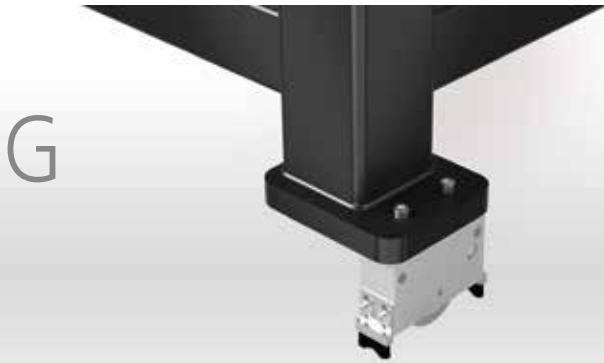
1 bolt per leg  
 e.g. 280510

Positioning Bolt

STYLES

see page 188

see page 190



**CONNECTING FRAME WITH CARTRIDGE ROLLER**

for Rail option C

C = Round Rail

Casters bearing load 1.5 metric tons  
(total bearing load depending on construction)

Locking Lever  
only in connection with Support- and Foundation Rail  
underfloor (A) or above-floor (B)

see page 190



**CONNECTING FRAME WITH ROTATING RIM**

for Rail option D

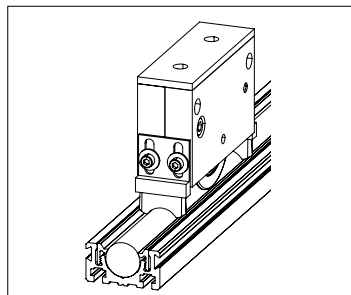
D = Support- and Foundation Rail with integrated round rail

Casters bearing load 1.5 metric tons  
(total bearing load depending on construction)

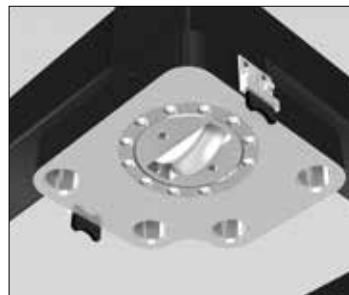
4x Positioning Bolt  
280541 per Connecting Frame

see page 190

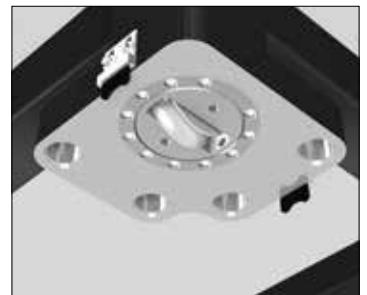
Detailed view Connecting Frame with round rail:



Bottom view Connecting Frame with rotation rim:



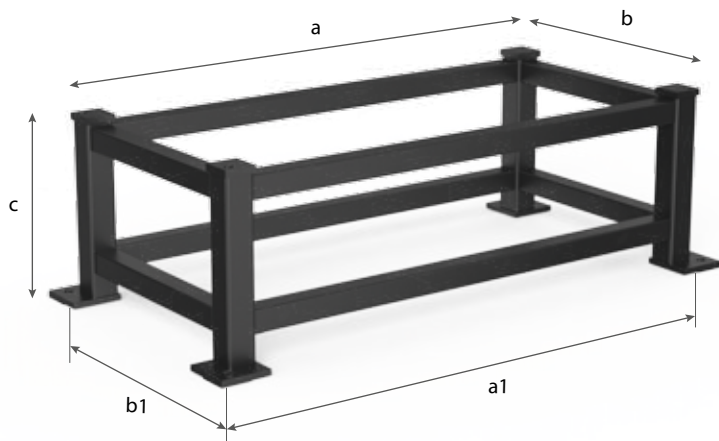
lengthways



across

## Connecting Frame Basic

### E CONNECTING FRAME BASIC



#### Description:

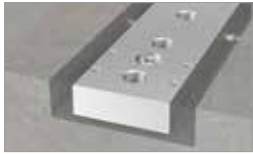
The Connecting Frame in combination with the table top can be randomly positioned on the foundation rails. By cross-linking several connecting frames and foundation rails, extremely large objects can be handled efficiently. The use of square pipes in the design of the Connecting Frame ensures stability and high quality.

The base plate is used without foundation rails.

<- (Item No. 280883)

To connect tables with a Connecting Frame a Countersunk Bolt short (Item No. 280528) is required. It is not included in delivery and has to be ordered separately.





CONNECTING FRAME (E) FOR  
**SUPPORT- AND FOUNDATION RAIL UNDERFLOOR (A)**



CONNECTING FRAME (E) FOR  
**SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR (B)**



CONNECTING FRAME (E) FOR  
**SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL (D)**

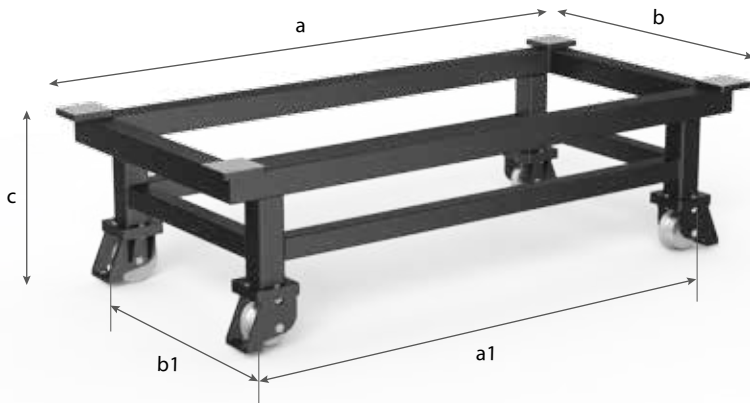
E	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Length: (a1)	Width: (b1)	Weight:	Item No.
<b>Connecting Frame</b> - for Work Table 280010 - table size 1000x1000x200	1100 mm	1100 mm	650 mm		1000 mm	1000 mm	94,00 kg	2-280881 ○
<b>Connecting Frame</b> - for Work Table 280025 - table size 1200x800x200	1170 mm	800 mm	650 mm		1000 mm	700 mm	91,00 kg	2-280891 ○
<b>Connecting Frame</b> - for Work Table 280015 - table size 1200x1200x200	1190 mm	1190 mm	650 mm		1000 mm	1000 mm	106,00 kg	2-280882 ○
<b>Connecting Frame</b> - for Work Table 280035 - table size 1500x1000x200	1600 mm	1100 mm	650 mm		1500 mm	1000 mm	114,00 kg	2-280885 ○
<b>Connecting Frame</b> - for Work Table 280050 - table size 1500x1500x200	1580 mm	1490 mm	650 mm		1500 mm	1000 mm	125,00 kg	2-280887 ○
<b>Connecting Frame</b> - for Work Table 280020 - table size 2000x1000x200	2100 mm	1100 mm	650 mm		2000 mm	1000 mm	138,00 kg	2-280883 ○
<b>Connecting Frame</b> - for Work Table 280060 - table size 2000x1200x200	2100 mm	1200 mm	650 mm		2000 mm	1000 mm	150,00 kg	2-280893 ○
<b>Connecting Frame</b> - for Work Table 280045 - table size 2000x2000x200	2100 mm	2100 mm	650 mm		2000 mm	2000 mm	164,00 kg	2-280889 ○
<b>Connecting Frame</b> - for Work Table 280030 - table size 2400x1200x200	2380 mm	1180 mm	650 mm		2000 mm	1000 mm	150,00 kg	2-280884 ○
<b>Connecting Frame</b> - for Work Table 280040 - table size 3000x1500x200	3090 mm	1590 mm	650 mm		3000 mm	1500 mm	231,00 kg	2-280886 ○
<b>Connecting Frame</b> - for Work Table 280055 - table size 4000x2000x200	4050 mm	2060 mm	650 mm		4000 mm	2000 mm	305,00 kg	2-280888 ○
<b>Additional sizes upon request</b>								○
<b>Base Plate</b> - for connecting frame - 50 mm vernier adjustment - M24x1.5 thread for vernier adjustment			130 mm	90 mm			1,00 kg	2-280855.X ●

● = Stock item / ○ = Item is made to order

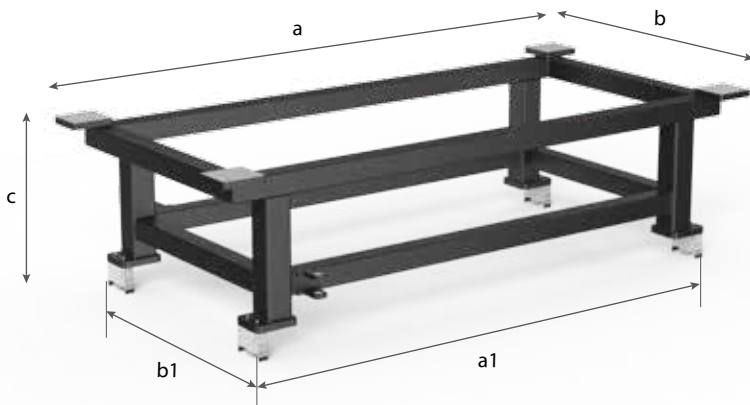
Surcharges can be incurred for deviations from standard.

Connecting Frame with caster / with Cartridge Roller / with rotating rim

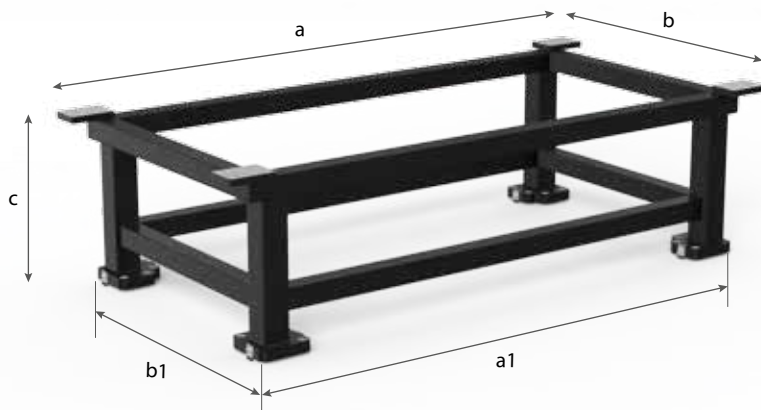
## F CONNECTING FRAME WITH CASTER



## G CONNECTING FRAME WITH CARTRIDGE ROLLER



## H CONNECTING FRAME WITH ROTATING RIM



### Description:

The connecting frame is also available with matching casters for the individual rail variations, enabling more flexibility of movement and positioning. The connecting frame is constructed of square tubing, ensuring its stability and high quality.

The connecting frame with caster is used in combination with the support and foundation rail above-ground. It is fastened with a locking lever.

The connecting frame with cartridge roller is especially adapted to be used on the round rail. A locking lever fastens the connecting frame.

The connecting frame with rotation rim is used in combination with the support and foundation rail with integrated round rail. A positioning bolt fastens the connecting frame with rotation rim on the rail.

To connect tables with a Connecting Frame a Countersunk Bolt short (Item No. 280528) is required. It is not included in delivery and has to be ordered separately.



CONNECTING FRAME (F) FOR  
SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR (B)



CONNECTING FRAME (G) FOR  
SUPPORT- AND FOUNDATION RAIL WITH ROUND RAIL (C)



CONNECTING FRAME (H) FOR  
SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL (D)

F	Caster:	Length: (a)	Width: (b)	Height: (c)	Length: (a1)	Width: (b1)	Weight:	Item No.
<b>Connecting Frame with caster</b> - for Work Table 280020 - table size 2000x1000x200	4	2100 mm	1100 mm	650 mm	2000 mm	1000 mm	138,00 kg	2-280883.1 ○
<b>Connecting Frame with caster</b> - for Work Table 280030 - table size 2400x1200x200	4	2380 mm	1180 mm	650 mm	2000 mm	1000 mm	150,00 kg	2-280884.1 ○
<b>Connecting Frame with caster</b> - for Work Table 280040 - table size 3000x1500x200	6	3090 mm	1590 mm	650 mm	3000 mm	1500 mm	231,00 kg	2-280886.1 ○
<b>Additional sizes upon request</b>								○

Surcharges can be incurred for deviations from standard.

G	Caster:	Length: (a)	Width: (b)	Height: (c)	Length: (a1)	Width: (b1)	Weight:	Item No.
<b>Connecting Frame with Cartridge Roller</b> - for Work Table 280020 - table size 2000x1000x200	4	2100 mm	1100 mm	650 mm	2000 mm	1000 mm	138,00 kg	2-280883.2 ○
<b>Connecting Frame with Cartridge Roller</b> - for Work Table 280030 - table size 2400x1200x200	4	2380 mm	1180 mm	650 mm	2000 mm	1000 mm	150,00 kg	2-280884.2 ○
<b>Connecting Frame with Cartridge Roller</b> - for Work Table 280040 - table size 3000x1500x200	6	3090 mm	1590 mm	650 mm	3000 mm	1500 mm	231,00 kg	2-280886.2 ○
<b>Additional sizes upon request</b>								○

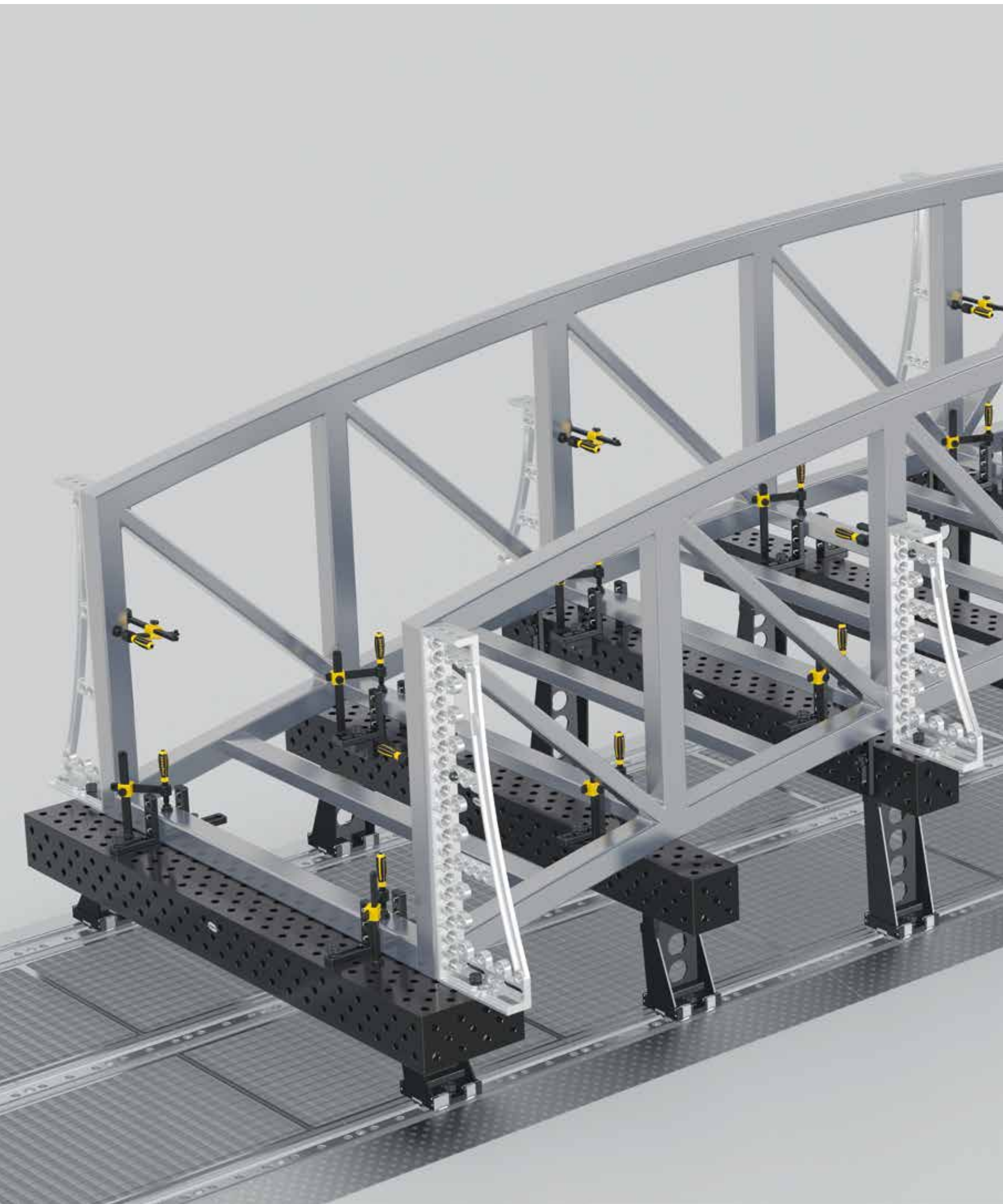
Surcharges can be incurred for deviations from standard.

H	Caster:	Length: (a)	Width: (b)	Height: (c)	Length: (a1)	Width: (b1)	Weight:	Item No.
<b>Connecting Frame with rotating rim</b> - for Work Table 280020 - table size 2000x1000x200	4	2100 mm	1100 mm	650 mm	2000 mm	1000 mm	138,00 kg	2-280883.3 ○
<b>Connecting Frame with rotating rim</b> - for Work Table 280030 - table size 2400x1200x200	4	2380 mm	1180 mm	650 mm	2000 mm	1000 mm	150,00 kg	2-280884.3 ○
<b>Connecting Frame with rotating rim</b> - for Work Table 280040 - table size 3000x1500x200	6	3090 mm	1590 mm	650 mm	3000 mm	1500 mm	231,00 kg	2-280886.3 ○
<b>Additional sizes upon request</b>								○

Surcharges can be incurred for deviations from standard.

● = Stock item / ○ = Item is made to order







# Leg for U-Square overview

I



K



**NEW**

**LEG FOR U-SQUARE  
SIMPLE**

**LEG FOR U-SQUARE  
WITH CASTER**

FOR RAIL

for Rail option A / B / D

for Rail option B

A = Support- and Foundation Rail underfloor  
 B = Support- and Foundation Rail above-floor  
 D = Support- and Foundation Rail with integrated round rail

B = Support- and Foundation Rail above-floor

TILT PROTECTION

without tilt protection\*<sup>1</sup>  
 simple positioning bolt is not permitted

Tilt protection required\*<sup>2</sup>  
 (customer specific)

BEARING LOAD

2 metric tons per leg

maximum statistical load per leg 2 metric tons

FIXATION /  
STAKING OUT

2x Bolts  
 e.g. 280510 per leg for U-Square standard

2x Bolts long  
 e.g. 280512 per leg for U-Square with caster

STYLES

see page 196

see page 198

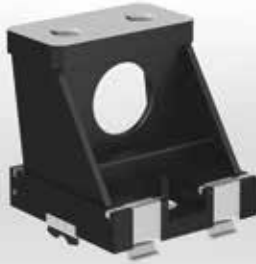


\*<sup>1</sup>Protection by crane or other lifting equipment required when moving.

\*<sup>2</sup>Tilt protection designed by moving without extra load. Maximum design height 850 mm.



L



**NEW**

**LEG FOR U-SQUARE  
WITH INSERTED ROLLER**

for Rail option C / D

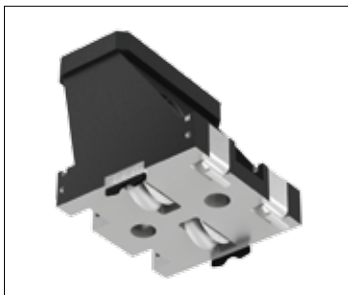
- C = Round Rail
- D = Support- and Foundation Rail with integrated round rail

Tilt protection required\*<sup>2</sup>  
(customer specific)

maximum statistical load per leg 2 metric tons

1x Bolt  
e.g. 280510 per leg for U-Square with profile roller

see page 198



M



**CLAMPING BRIDGE**

for Rail option A / B / D

- A = Support- and Foundation Rail underfloor
- B = Support- and Foundation Rail above-floor
- D = Support- and Foundation Rail with integrated round rail

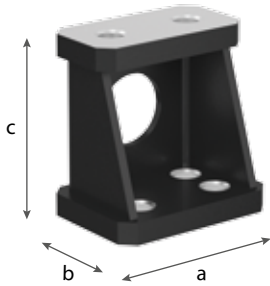
without tilt protection\*<sup>1</sup>  
simple positioning bolt is not permitted

2x2 Bolts  
e.g. 280510 per Clamping Bridge

see page 200

## Leg for U-Square Basic

### LEG FOR U-SQUARE BASIC



#### Description:

Leg, connects U-profiles with the rail system, therefore enabling a multitude of configurations. By attaching the Leg using bolts to the foundation rails, quick and precise positioning is ensured in order to structure complex jobs efficiently.

Spacer (Item No. 280373) can only be connected with a leg for U-profile squares, by applying Connecting Bolt 100 mm (Item No. 280562).





LEG FOR U-SQUARE (I) FOR

**SUPPORT- AND FOUNDATION RAIL UNDERFLOOR (A)**



LEG FOR U-SQUARE (I) FOR

**SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR (B)**



LEG FOR U-SQUARE (I) FOR

**SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL (D)**



280371

280371.1

280371.2

280371.3

280371.4

280373

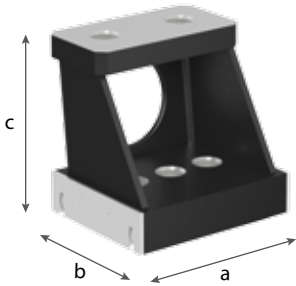
	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Leg basic 200</b> - for Square U-shape	195 mm	140 mm	200 mm		11,60 kg	2-280371 ○
<b>Leg basic 300</b> - for Square U-shape	195 mm	140 mm	300 mm		13,80 kg	2-280371.1 ○
<b>Leg basic 400</b> - for Square U-shape	195 mm	140 mm	400 mm		16,00 kg	2-280371.2 ○
<b>Leg basic 500</b> - for Square U-shape	195 mm	140 mm	500 mm		18,50 kg	2-280371.3 ○
<b>Leg basic 650</b> - for Square U-shape	195 mm	140 mm	650 mm		21,70 kg	2-280371.4 ○
<b>Spacer 50 mm</b> - for Square U-shape	190 mm	100 mm	50 mm	28 mm	6,70 kg	2-280373 ○
<b>Additional sizes upon request</b>						○

● = Stock item / ○ = Item is made to order

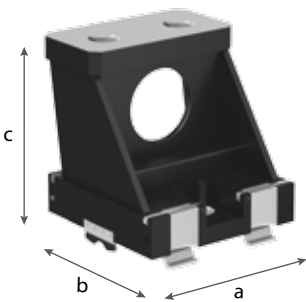


Leg for U-Square with caster / with inserted roller

## K LEG FOR U-SQUARE WITH CASTER



## L LEG FOR U-SQUARE WITH INSERTED ROLLER



### Description:

Leg for U-shape square with caster connects the square with the support and foundation rail above-ground. Due to the caster the square can be moved freely on the rail system. The Leg with caster is additionally equipped with tilt protection.

The desired work position can be achieved by fastening the Leg with bolts, enabling efficient structuring of complex work procedures.

Leg for U-shape square with inserted roller connects the square with the support and foundation rail with integrated round rail. Due to the roller the square can be moved freely on the rail system. The Leg with inserted roller is additionally equipped with tilt protection.

The desired work position can be achieved by fastening the Leg with bolts, enabling efficient structuring of complex work procedures.



LEG FOR U-SQUARE (K) FOR  
**SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR (B)**



LEG FOR U-SQUARE (L) FOR  
**SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL (D)**



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg with Caster 200</b> - for Square U-shape	190 mm	190 mm	200 mm	13,40 kg	2-28002756 ○
<b>Leg with Caster 300</b> - for Square U-shape	190 mm	190 mm	300 mm	16,00 kg	2-28002757 ○
<b>Leg with Caster 400</b> - for Square U-shape	190 mm	190 mm	400 mm	18,00 kg	2-28002758 ○
<b>Leg with Caster 500</b> - for Square U-shape	190 mm	190 mm	500 mm	20,00 kg	2-28002759 ○
<b>Leg with Caster 650</b> - for Square U-shape	190 mm	190 mm	650 mm	23,00 kg	2-28002760 ○
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

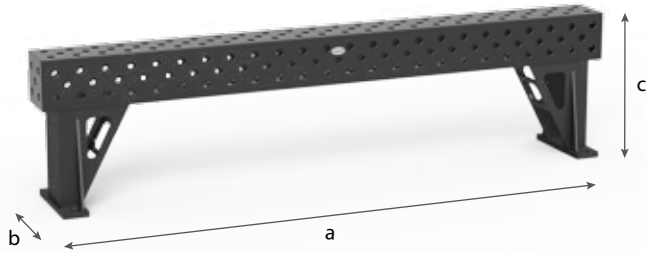


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg with inserted roller 200</b> - for Square U-shape	190 mm	190 mm	200 mm	15,00 kg	2-280372 ○
<b>Leg with inserted roller 300</b> - for Square U-shape	190 mm	190 mm	300 mm	17,00 kg	2-280372.1 ○
<b>Leg with inserted roller 400</b> - for Square U-shape	190 mm	190 mm	400 mm	19,00 kg	2-280372.2 ○
<b>Leg with inserted roller 500</b> - for Square U-shape	190 mm	190 mm	500 mm	21,00 kg	2-280372.3 ○
<b>Leg with inserted roller 650</b> - for Square U-shape	190 mm	190 mm	650 mm	24,00 kg	2-280372.4 ○
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

## Clamping Bridge

### M CLAMPING BRIDGE



#### Description:

The Clamping Bridge serves as an additional fixing element for rail systems. The spacing of the bore holes on the bottom is aligned with the foundation rail width of 1000 or 2000 mm. More information regarding special sizes is available upon request.

The borehole grids are compatible with the U-Shape Squares.





CLAMPING BRIDGE (M) FOR  
**SUPPORT- AND FOUNDATION RAIL UNDERFLOOR (A)**



CLAMPING BRIDGE (M) FOR  
**SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR (B)**



CLAMPING BRIDGE (M) FOR  
**SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL (D)**



M

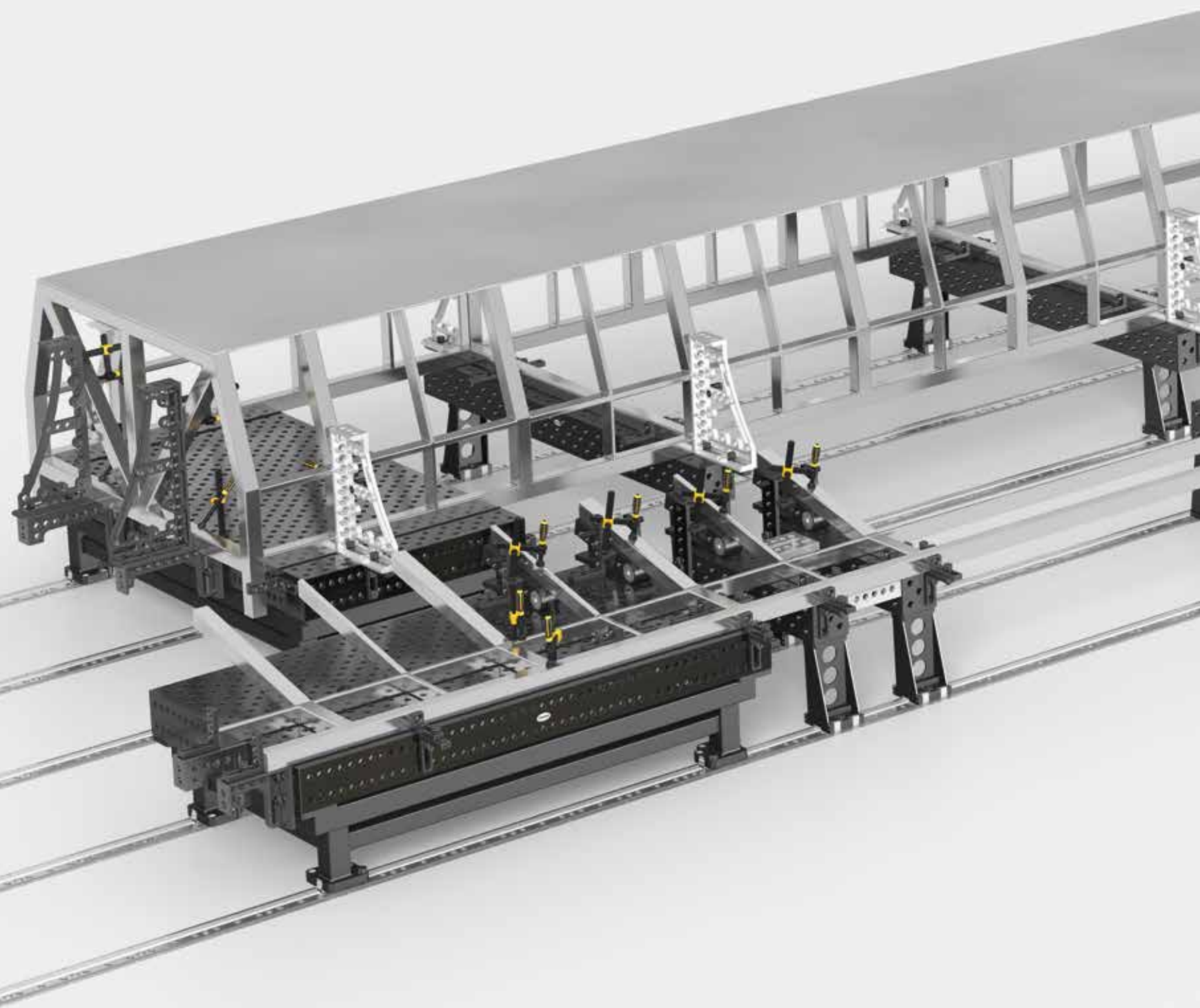
280375

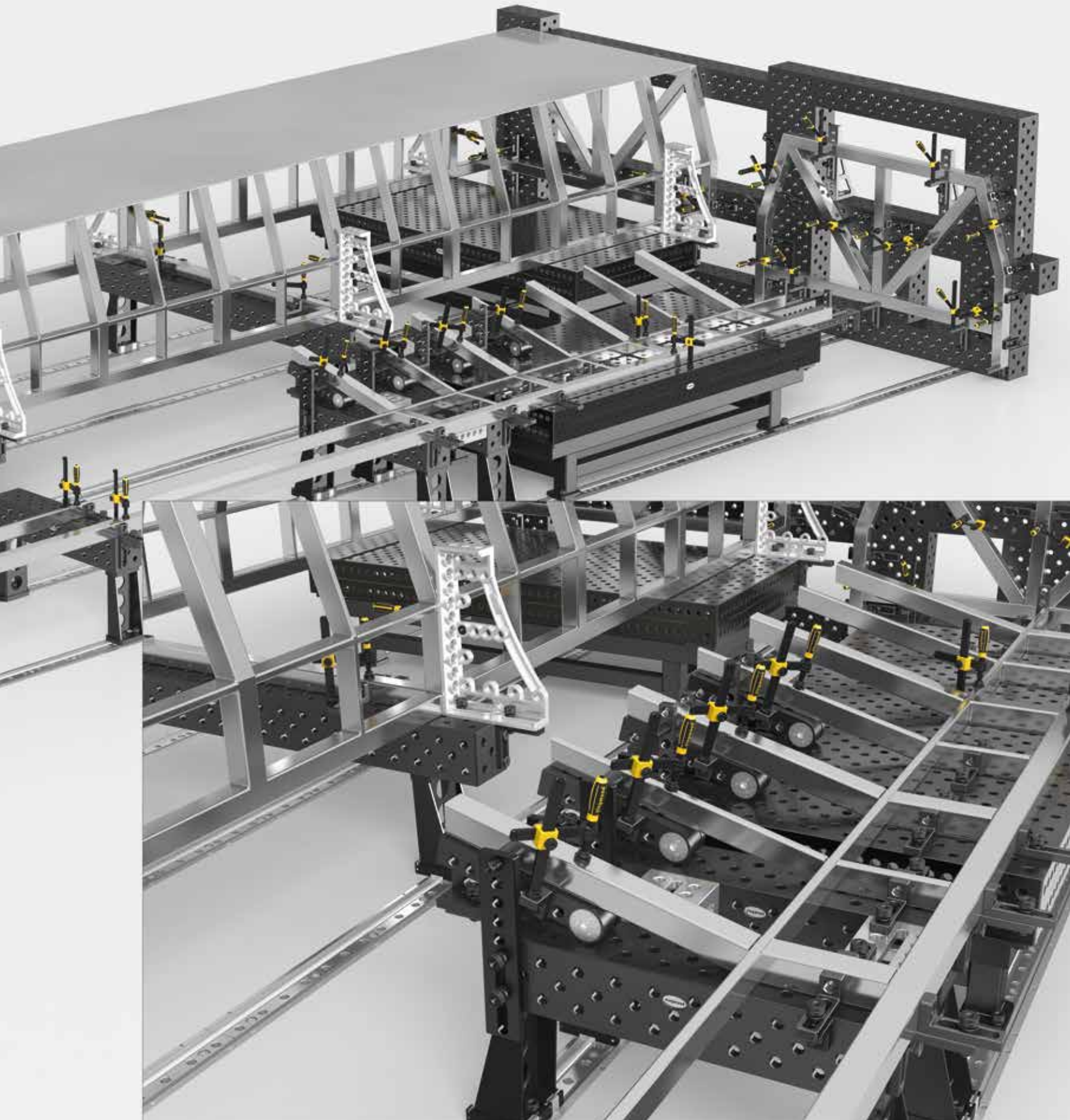
280375.1

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Clamping Bridge 1200</b> - for rail systems	1200 mm	300 mm	600 mm	205,00 kg	2-280375 ○
<b>Clamping Bridge 2400</b> - for rail systems	2400 mm	300 mm	600 mm	375,00 kg	2-280375.1 ○
<b>Additional sizes upon request</b>					○

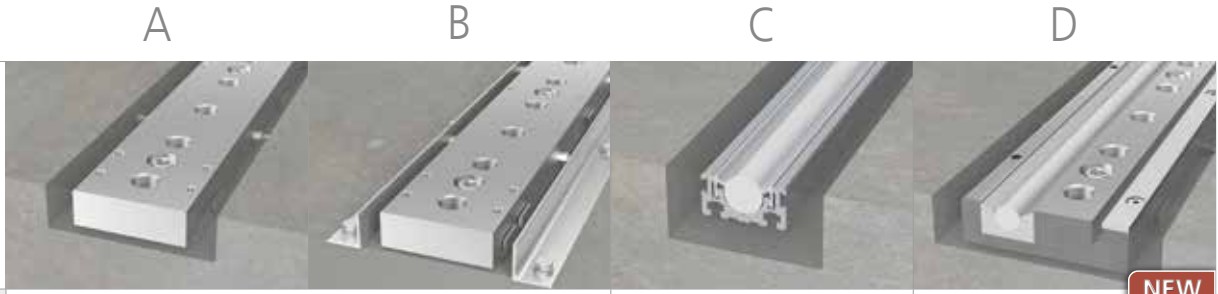
● = Stock item / ○ = Item is made to order

Please consider track width.









OPTIONS		SUPPORT AND FOUNDATION RAIL		ROUND RAIL	SUPPORT AND FOUNDATION RAIL
		UNDERGROUND	ABOVE GROUND	(recommended in connection with Support- and Foundation Rail underfloor or above-floor)	WITH INTEGRATED ROUND RAIL
E		●	●	○	●
<b>NEW</b> F		○	●	○	○
G		○	○	●	○
<b>NEW</b> H		○	○	○	●
I		●	●	○	●
<b>NEW</b> K		○	●	○	○
<b>NEW</b> L		○	○	○	●
M		●	●	○	●

● = compatible  
○ = incompatible



## From consultation to implementation

YOU HAVE A LARGE PROJECT AND NEED  
SUPPORT WITH IMPLEMENTATION?

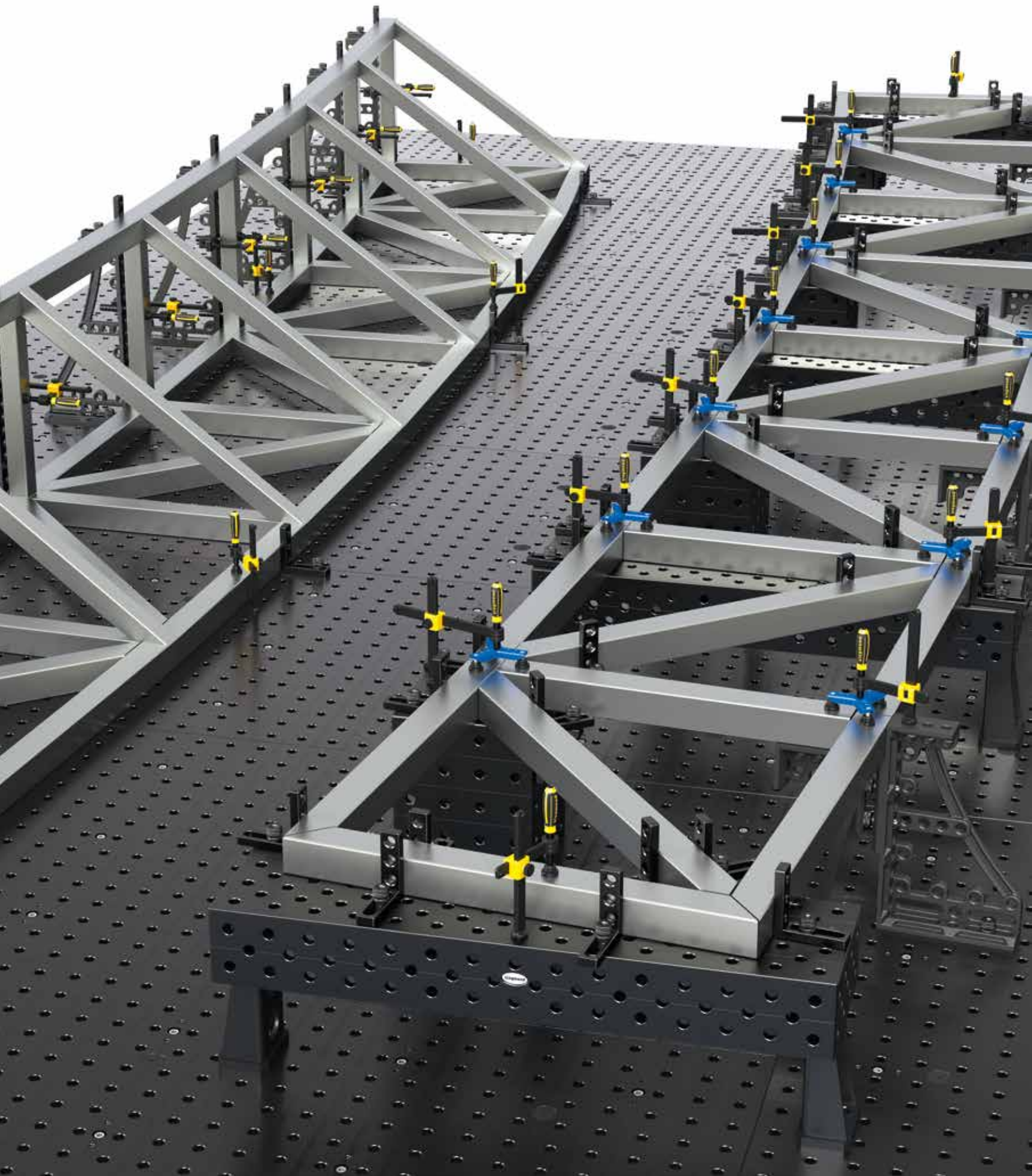
> Individual consultation  
by our experts

> Customer specific  
solutions

> Top quality of  
each component

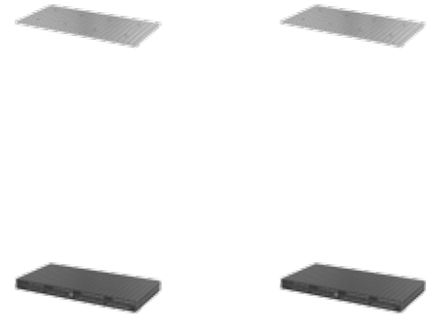
> Installation-Service  
for your rail system

> We look forward to help you  
materialize your project!





	<b>Page</b>
Siegmund Platform System	208
Platform options diagram	210
Comparison Platform Systems A / B	212
Comparison Platform Systems C / D	214
Application Example	216
Platform System Tables E / F	218
Platform System Panels G / H	220
Platform System Accessories	222
Overview	224



## Large components - simple and precise clamping

To meet the constantly growing challenges, and to always be one step ahead of the competition in regards to flexibility and precision, we have specifically developed a platform system for you. It can be assembled to create a structured and precise workspace of any size. It is precisely aligned during the installation process by using state-of-the-art 3D laser technology. The resulting level space is equipped with a grid with boreholes and gridlines, substantially simplifying working with large and heavy components. Siegmund clamping devices offer a multitude of clamping options, preparing you for all future challenges.

The platforms can be installed underfloor as well as above-floor.

To create more workspace, the platform system with tables can be enlarged in the future.





PLATFORM INDIVIDUALLY DESIGNED

according to customer requirement

MODULAR CONSTRUCTED SYSTEM

expandable anytime



FLEXIBLE POSITIONING

Position components three-dimensional





## Platform options diagram

	A	B
		
	<b>TABLE WITH LEGS ABOVE-FLOOR</b>	<b>TABLES WITH ADJUSTABLE LEGS ABOVE-FLOOR</b>
<b>INSTALLATION OPTIONS</b>	Above-floor	Above-floor
<b>ADVANTAGES</b>	<ul style="list-style-type: none"> <li>• structured workspace with many clamping options</li> <li>• precise positioning of clamping elements</li> <li>• easy to expand with system tables</li> </ul>	<ul style="list-style-type: none"> <li>• structured workspace with many clamping options</li> <li>• precise positioning of clamping elements</li> <li>• sturdy table legs are adjustable from above</li> <li>• Table legs can be anchored to the floor (special construction)</li> </ul>
<b>RECOMMENDATION TABLE SIZE/PANEL SIZE</b>	2,000x1,000 mm up to 4,000x2,000 mm	2,000x1,000 mm up to 4,000x2,000 mm
<b>HEIGHT</b>	Table side height 100-200 mm	Table side height 100-200 mm
<b>PLATFORM HEIGHT</b>	table side height + table leg height 100-800 mm + adjustment range	Table side height + adjustment range 50-100 mm
<b>CLAMPING ELEMENTS</b>	all Siegmund clamping elements	all Siegmund clamping elements
<b>GRID</b>	100 mm grid or special equipment see page 219	100 mm grid or special equipment see page 219
<b>STYLES</b>	see page 218	see page 218

Also possible with other borehole sizes (e.g. 16 mm) and thread sizes (e.g. M8).

C



D



**PANELS  
ABOVE-FLOOR**

Above-floor

- structured workspace with many clamping options
- precise positioning of clamping elements
- less expensive option

2,000x1,000 mm up to 3,000x1,500 mm

Floor panel thickness  $\geq$  25 mm

Floor panel thickness + adjustment range 0-40 mm

all Siegmund clamping elements

100 mm grid or  
special equipment see page 221

see page 220

**PANELS  
UNDERFLOOR**

Underfloor

- structured workspace with many clamping options
- precise positioning of clamping elements
- extremely high stability is achieved by concreting after installation
- recommended for high superimposed loads based on extremely high stability

2,000x1,000 mm up to 3,000x1,500 mm

Floor panel thickness  $\geq$  35 mm

ground-level

all Siegmund clamping elements

100 mm grid or  
special equipment see page 221

see page 220

# Comparison Platform Systems



**A** TABLES ABOVE-FLOOR

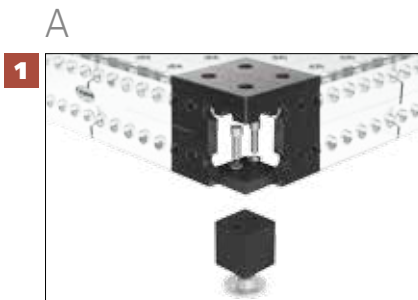


TABLE LEGS

For Platform System A table legs from the Siegmund System are used.

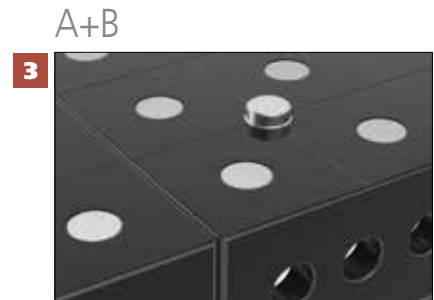
We recommend a minimum table leg height of 100 mm up to 800 mm.

Further table leg heights upon request.



TABLE CONNECTION

If accessible, the tables are connected with Connecting Bolts (Item No. 280560).



COVER CAP TOP

To avoid grime, the bore holes can be closed with cover caps (Item No. 280238.1, 280238.2).





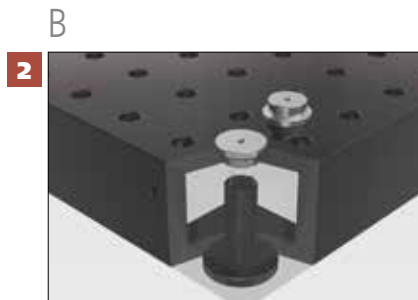
**B** TABLES  
ABOVE-FLOOR



**HEIGHT ADJUSTMENT**

The assembly bore hole enables access to the base plate, where the leg for the Platform System is screwed onto.

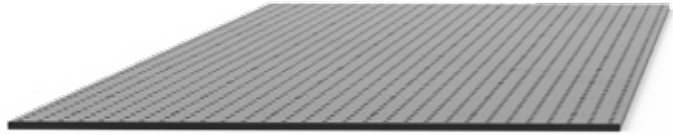
Aided by special tools the height is precisely aligned and secured with a locknut.



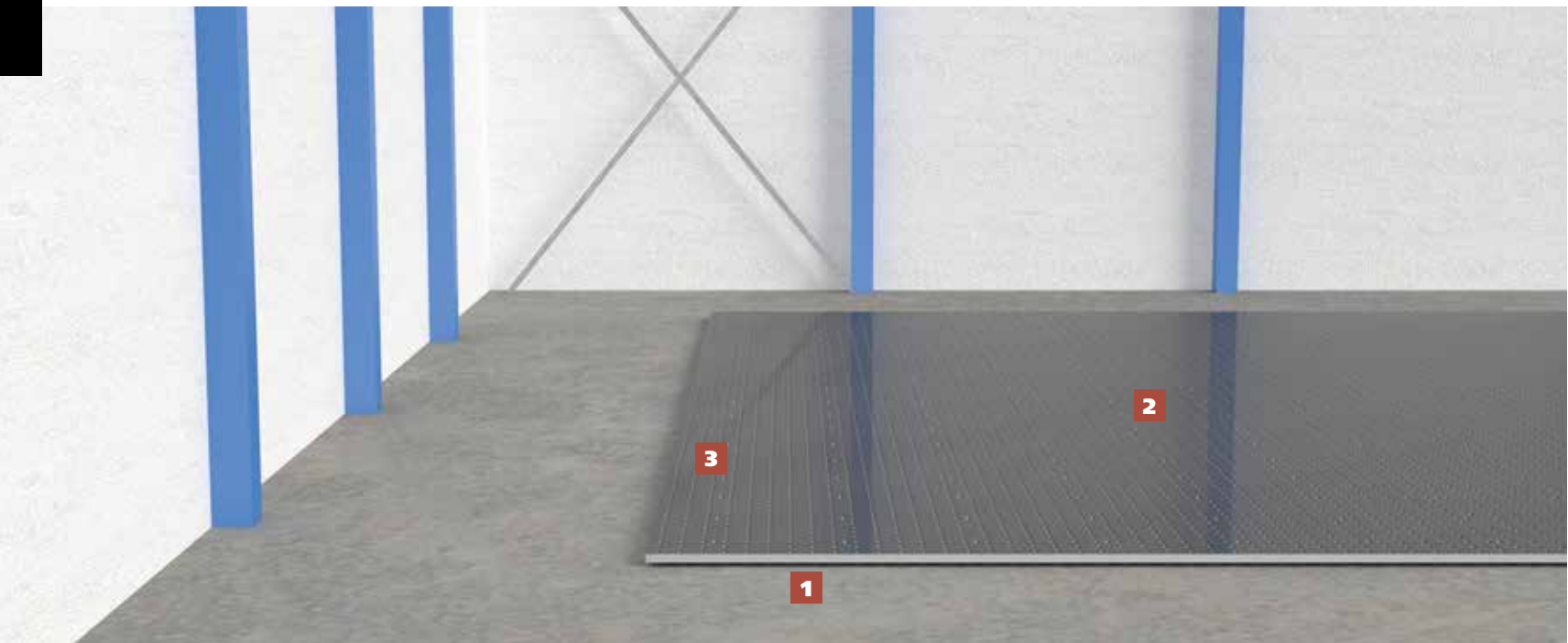
**COVER CAP FOR LEG ADJUSTMENT**

To avoid grime, we recommend closing the bore holes with cover caps (Item No. 28002673).

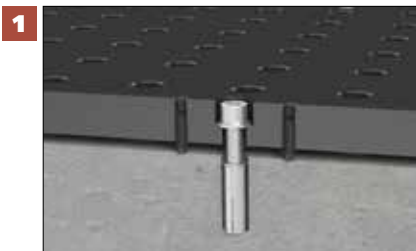
# Comparison Platform Systems



C PANELS ABOVE GROUND



C+D

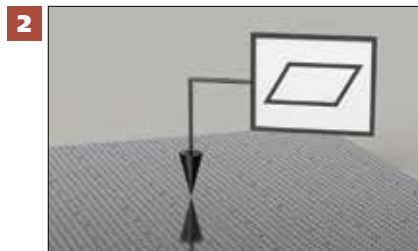


FLOOR ANCHORING

Platform C is aligned with setscrews through special thread holes.

The platform is anchored and bolted in the floor with dowels.

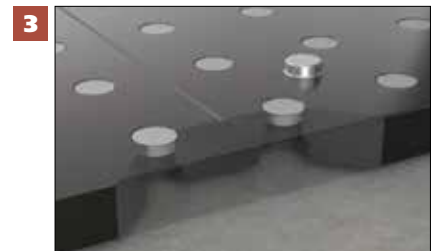
C+D



INSTALLATION

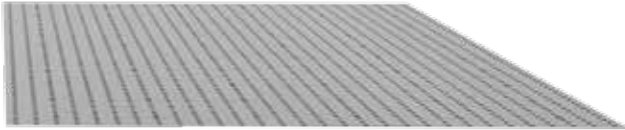
By symmetrically arranging the adjustments precise levelness is achieved.

C+D

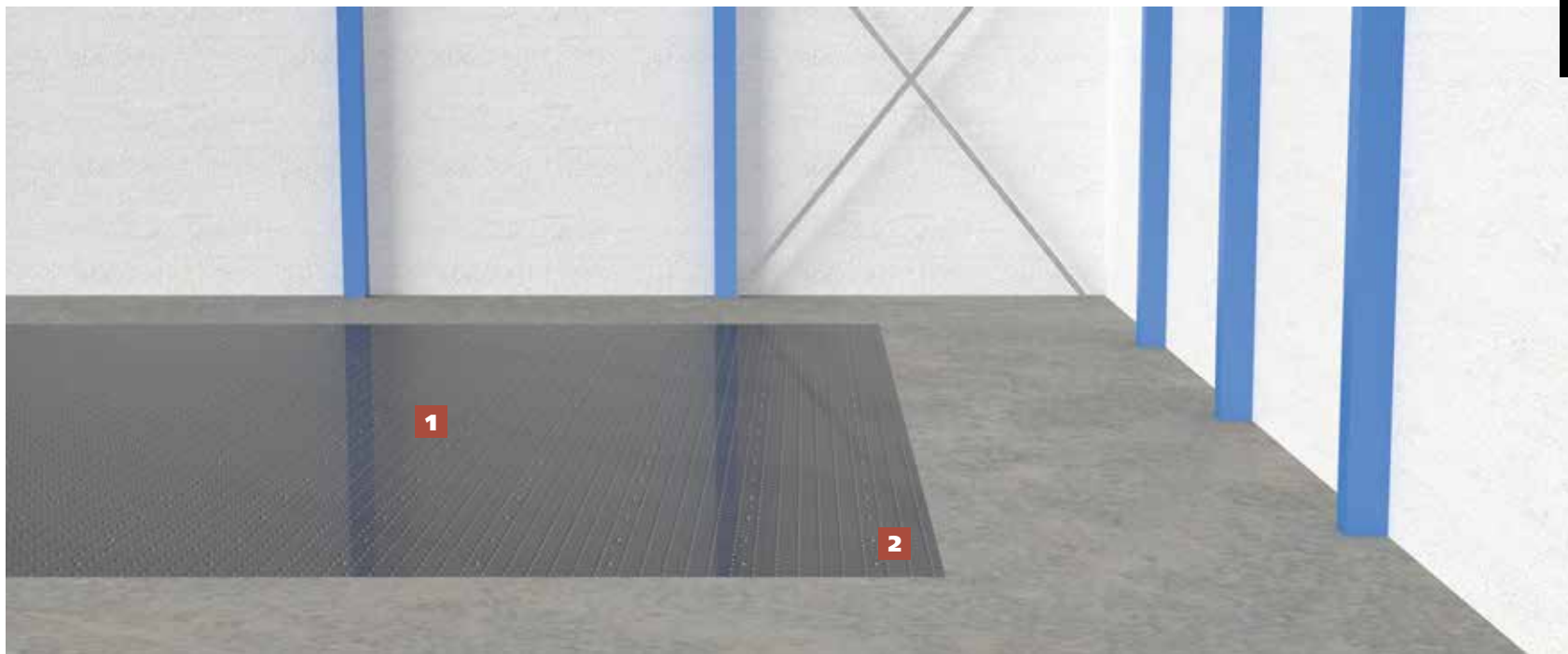


COVER CAPS TOP

To avoid grime, the bore holes can be closed with cover caps (Item No. 280238.1, 280238.2).



**D** PANELS  
UNDERGROUND



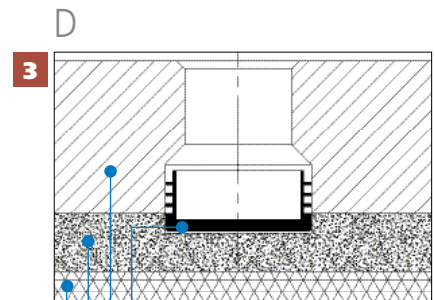
COVER CAPS TOP + BOTTOM

To avoid dirt, the top of the bore holes can be closed with cover caps (Item No. 280238.1, 280238.2).

If it is concreted after installation, cover caps are also required on the underside (Item No. 280239).

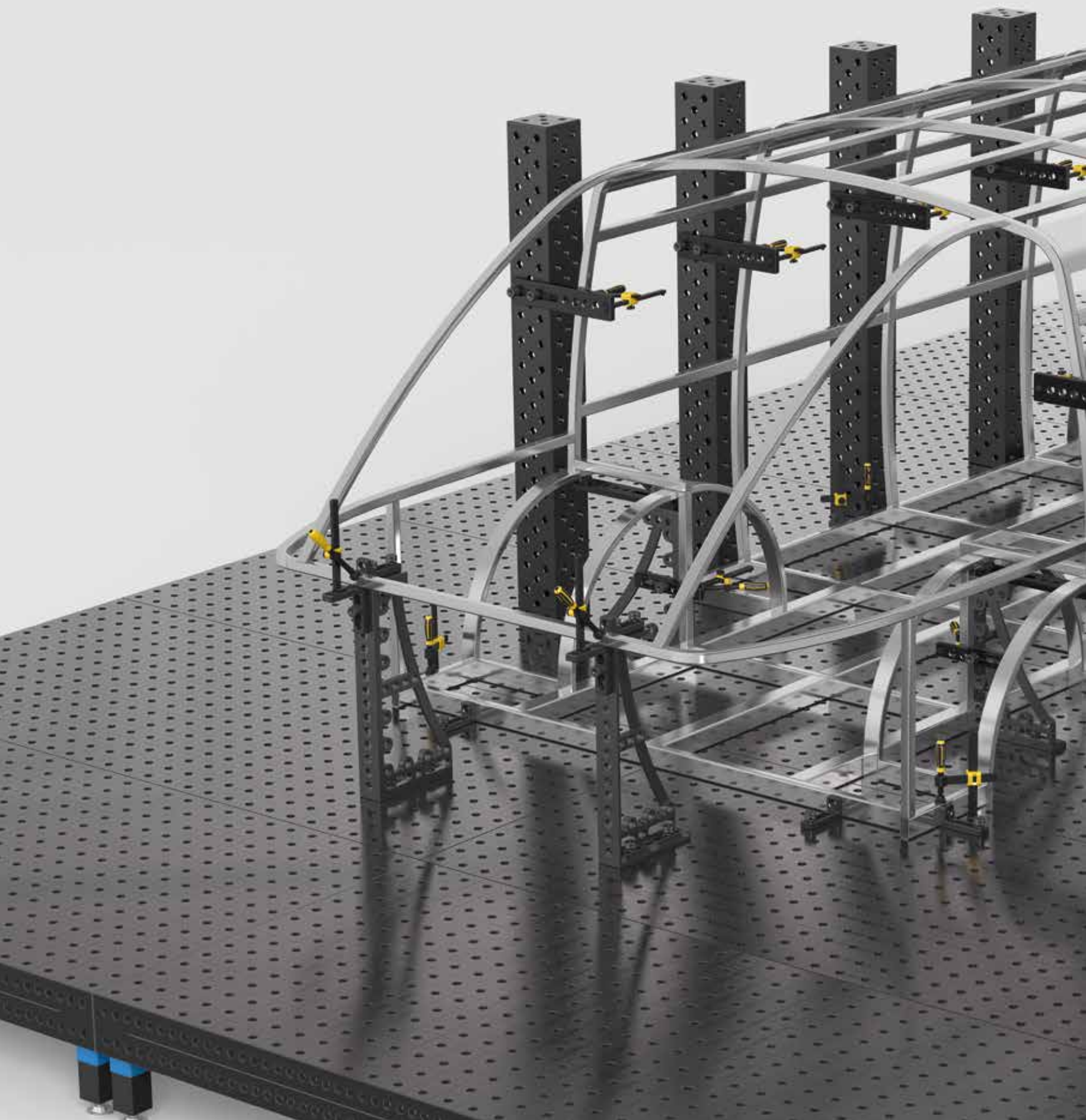


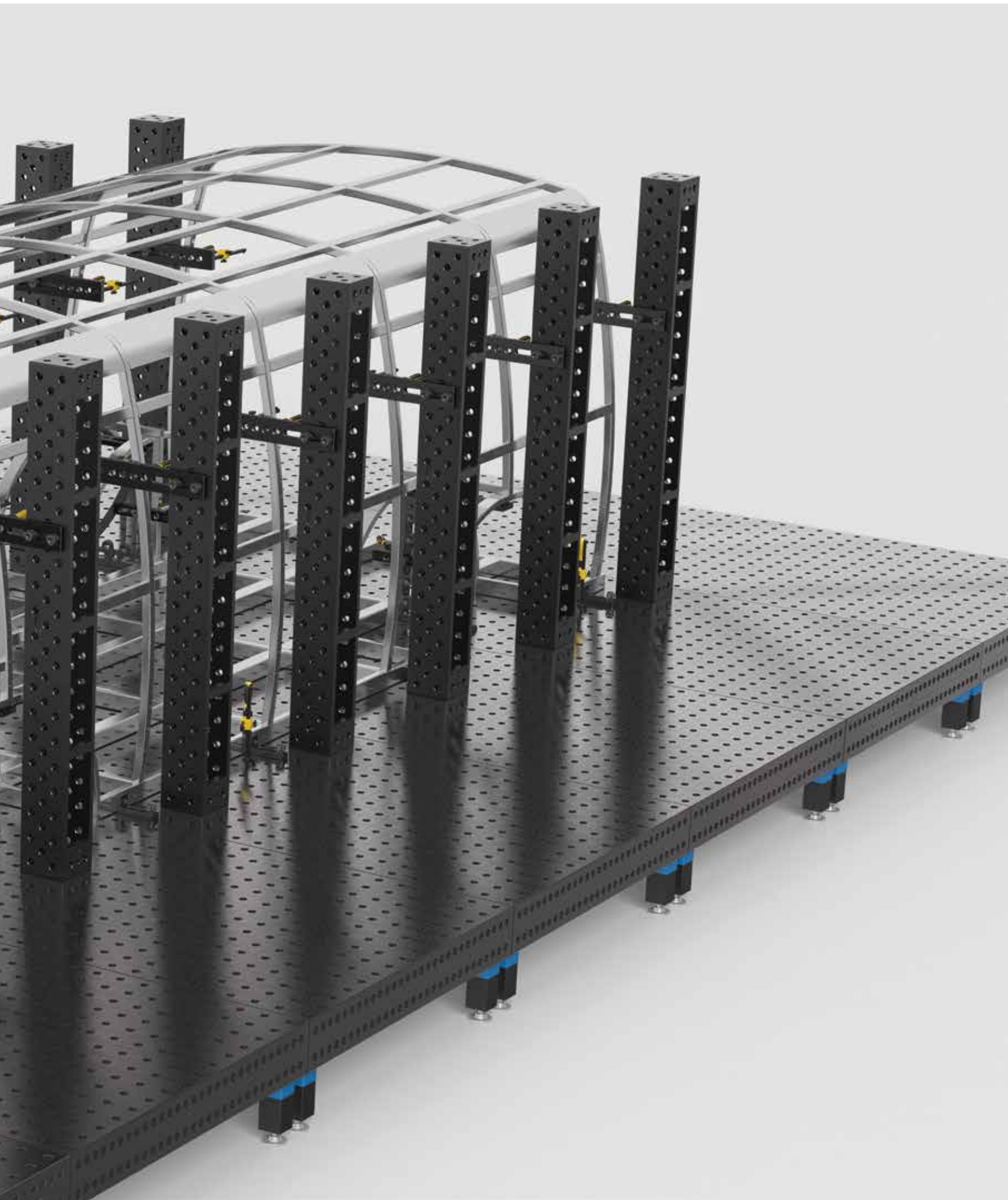
The casting holes require special caps (Item No. 28002673).



Cover Cap (Item No. 280239)  
Platform  
Concrete Casting  
Floor

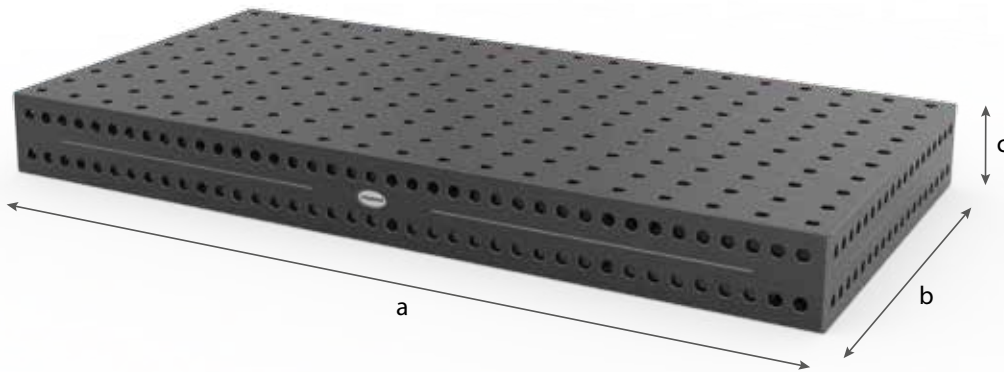






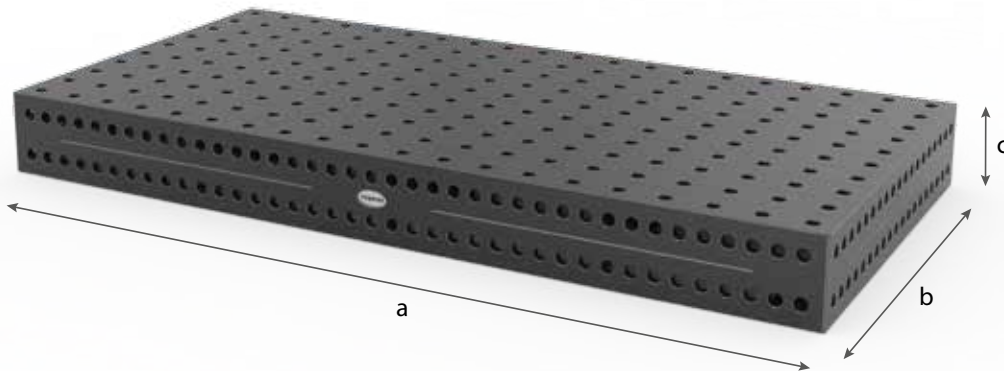
## Tables

E

THROUGH-HARDENED TOOL STEEL + PLASMA NITRATION  
PROFESSIONAL EXTREME 750**Description:**

The assembly of the specifically designed tables for this platform system enable creating a work surface of any size. During installation alignment is facilitated by using state-of-the-art 3D laser technology, creating a level work space equipped with a large grid with boreholes and grid lines. Included in delivery are connecting bolts and special tools necessary to connect the tables. The precisely arranged platform area offers a structured work surface with many clamping options, and enables accurate positioning. This platform system makes working on large, heavy components much easier, thereby increasing production efficiency significantly.

F


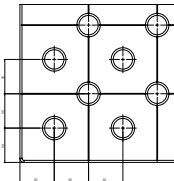
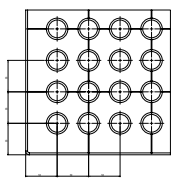
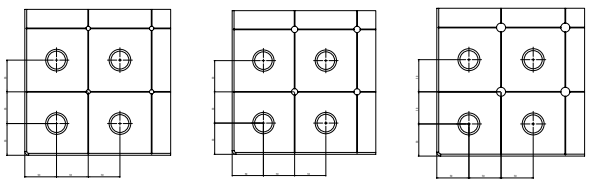
PREMIUM STEEL S355J2+N (ST 52/3) + PLASMA NITRATION  
PROFESSIONAL 550



	Length: (a)	Width: (b)	Height: (c)	Weight:	E Professional Extreme 750 Plasma nitrided	F Professional 550 Plasma nitrided
<b>Table 2000x1000x200</b> without legs	2000 mm	1000 mm	125-200 mm	approx. 770 kg	2-PT280020.X7 ○	2-PT280020.P ○
<b>Table 2400x1200x200</b> without legs	2400 mm	1200 mm	125-200 mm	approx. 1075 kg	2-PT280030.X7 ○	2-PT280030.P ○
<b>Table 3000x1500x200</b> without legs	3000 mm	1500 mm	125-200 mm	approx. 1550 kg	2-PT280040.X7 ○	2-PT280040.P ○
<b>Table 4000x2000x200</b> without legs	4000 mm	2000 mm	125-200 mm	approx. 2700 kg	2-PT280055.X7 ○	2-PT280055.P ○
<b>Further sizes and heights available upon request</b> (recommended minimum height 125 mm)						○

● = Stock item / ○ = Item is made to order

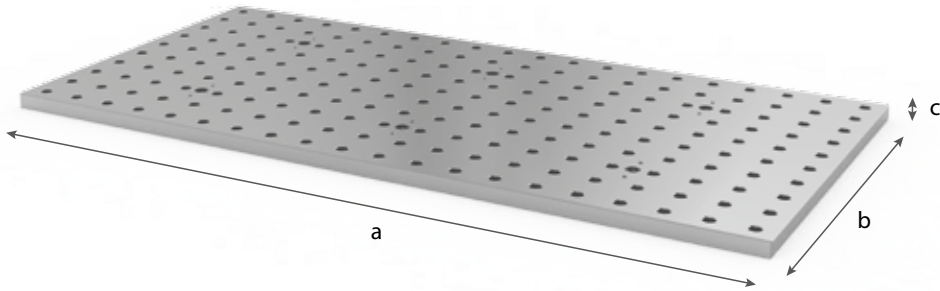
- Production based on customer requirements (charges for accessories and installation tools depending on effort)
- Basic Price (depending on quantity and design height, resulting in surcharge or reduced price).

Special equipment			
 <p>Example for diagonal grid</p>	<p><b>Surcharge Diagonal Grid</b> (see page 82)</p> 	<p><b>Surcharge 50 mm Grid</b> (see page 82)</p> 	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>  <p>M8                      M12                      M16</p>

## Panels

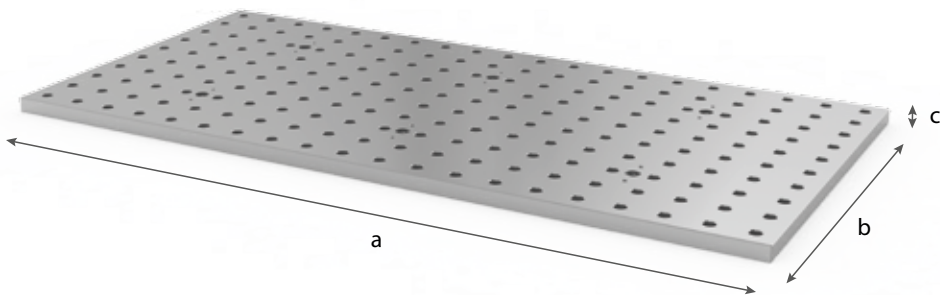
G

THROUGH-HARDENED TOOL STEEL  
STANDARD TOOL STEEL



H

PREMIUM STEEL S355J2+N (ST 52/3)  
STANDARD

**Description:**


The assembly of the specifically designed floor panels for this platform system enable creating a work surface of any size. During installation alignment is facilitated by using state-of-the-art 3D laser technology, creating a level work space equipped with a large grid with boreholes and grid lines. For additional stability the floor panels can be concreted and used as a flush work surface. The precisely arranged platform area offers a structured work surface with many clamping options, and enables accurate positioning. This platform system makes working on large, heavy components much easier, thereby increasing production efficiency significantly.

G H

	Length: (a)	Width: (b)	Height: (c)	Tool Steel	Steel S355J2+N
<b>Plate 2000x1000x200</b> without legs	2000 mm	1000 mm	35 mm	2-PP280020.W ○	2-PP280020 ○
<b>Plate 2400x1200x200</b> without legs	2400 mm	1200 mm	35 mm	2-PP280030.W ○	2-PP280030 ○
<b>Plate 3000x1500x200</b> without legs	3000 mm	1500 mm	35 mm	2-PP280040.W ○	2-PP280040 ○
<b>Further sizes and heights available upon request</b>					○

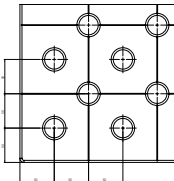
● = Stock item / ○ = Item is made to order

**Special equipment**

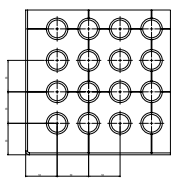


Example for 50 mm grid

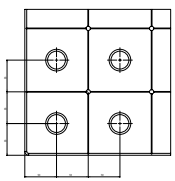
**Surcharge Diagonal Grid**  
(see page 82)



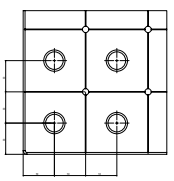
**Surcharge 50 mm Grid**  
(see page 82)



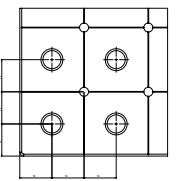
**Surcharge Diagonal Grid M8 / M12 / M16 thread**  
(see page 82)



M8



M12



M16



### Accessories



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Steel Cover / pack of 10</b> - Burnished - protects drill holes from dirt - 10 pieces / 1 m rail			10 mm	30 mm	0,05 kg	2-280238.1 ●
<b>Steel Cover for mounting hole</b> - to cover the mounting hole (leg adjustment)			25 mm	63 mm	0,45 kg	2-28002673 ○
<b>Plastic Cap / pack of 10</b> - for Support and Foundation Rail - required with underfloor installation - 10 pieces / 1 m rail			17 mm	42 mm	0,08 kg	2-280239.10 ●
<b>Leg for platform system</b> - Length of thread 100 mm			130 mm	100 mm	1,60 kg	2-28002672 ○
<b>Leg Standard, special height min. 150 mm</b> - 50 mm vernier adjustment	90 mm	90 mm				2-280856.XS ○

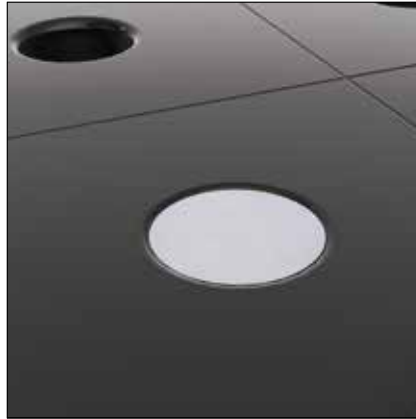
**Assembly tools**  
project-specific

If required, special tools will be supplied.

● = Stock item / ○ = Item is made to order



ill.: Cover Cap in borehole



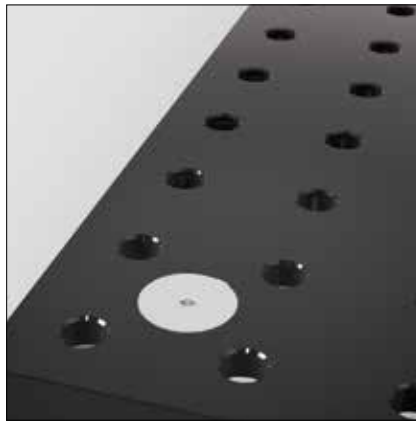
ill.: Cover Cap in borehole



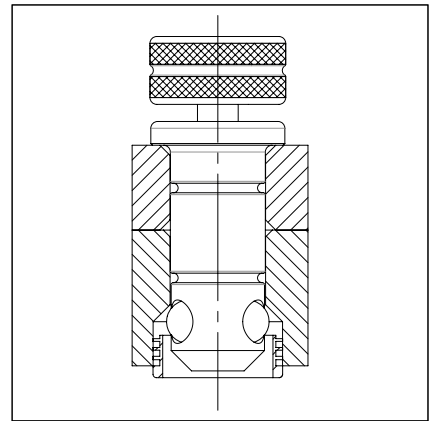
ill.: Removal of Cover Cap with magnetic clamping bolt



ill.: Assembly borehole to adjust and fasten Leg for Platform System B



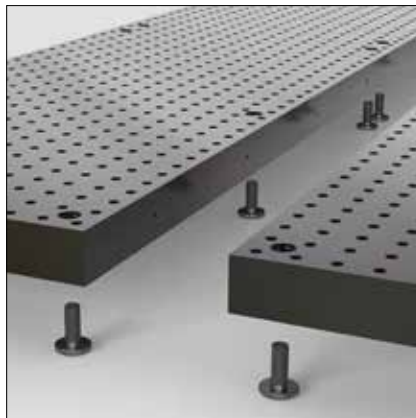
ill.: Cover assembly borehole with Cover Cap for Platform System B



ill.: Application of Cover Cap



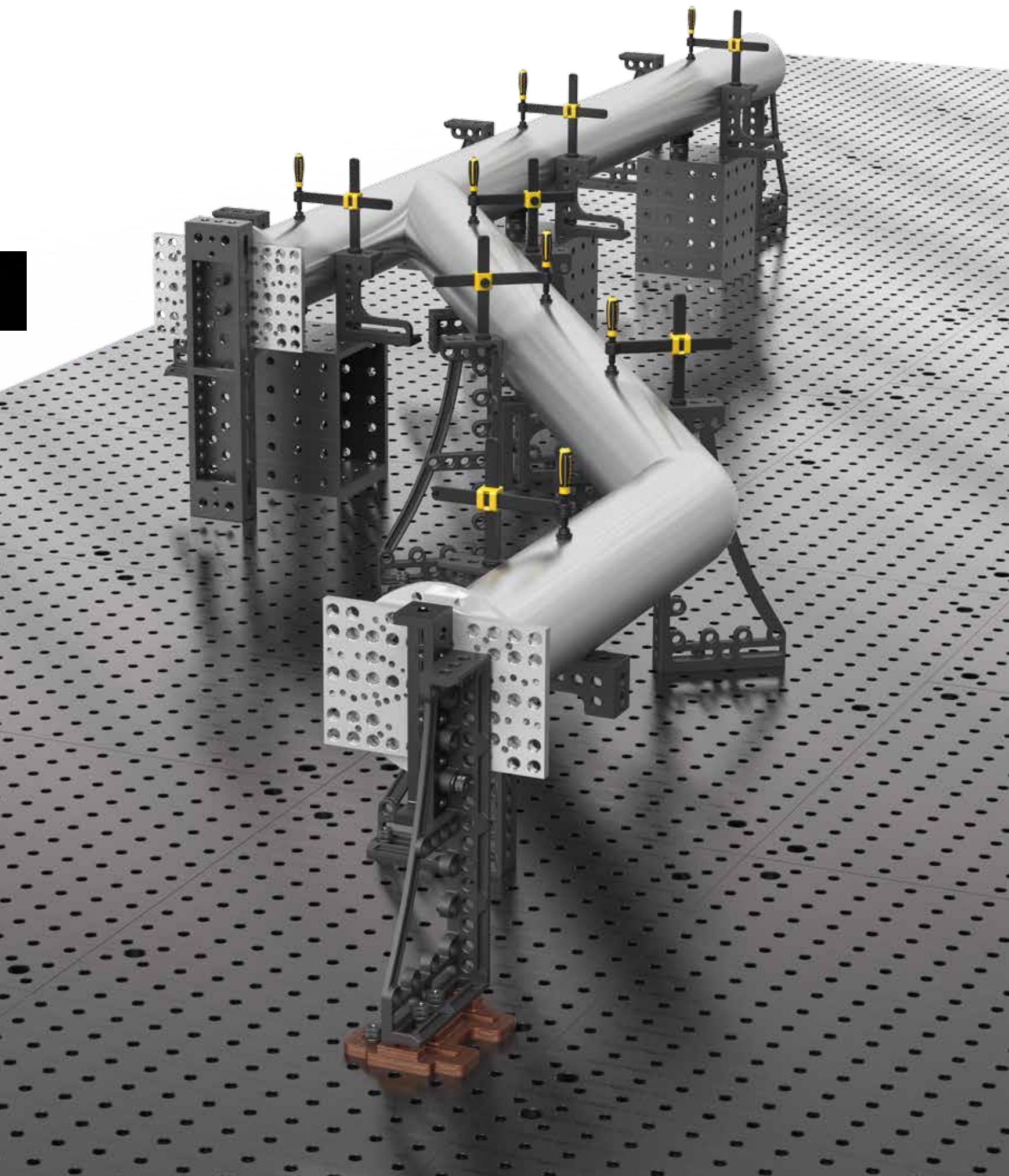
ill.: Legs for Platform System B



ill.: Legs for Platform System B



ill.: Leg for Platform System A







## From consultation to implementation

**YOU HAVE A LARGE PROJECT AND NEED SUPPORT WITH IMPLEMENTATION?**

> Individual consultation by our experts

> Customer specific solutions

> Top quality of each component

> Installation-Service for your platform system

> We look forward to help you materialize your project!



	Page
Eccentric Stop	228
Flex Stop Aluminum / Flex Stop Steel	230
Flex Stop Steel	232
Universal Stop 150 L / 200 L	234
Universal Stop 225 L / 250 L	236
Universal Stop 225 L FDS / 325 L FDS	238
Universal Stop 100 / 150 / 250	240
Universal Stop 300 / 500	242
Universal Stop L- Series 325 L / 525 L	244
Universal Stop S- Series 500 S / 750 S	246
Universal Stop S- Series 1000 S / Angle Alignment Template	248
Flat Square 175 / 500	250





## Eccentric Stop



280401



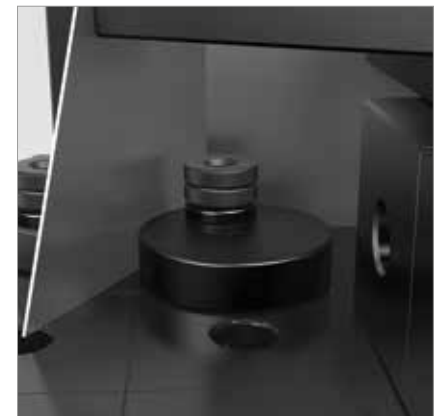
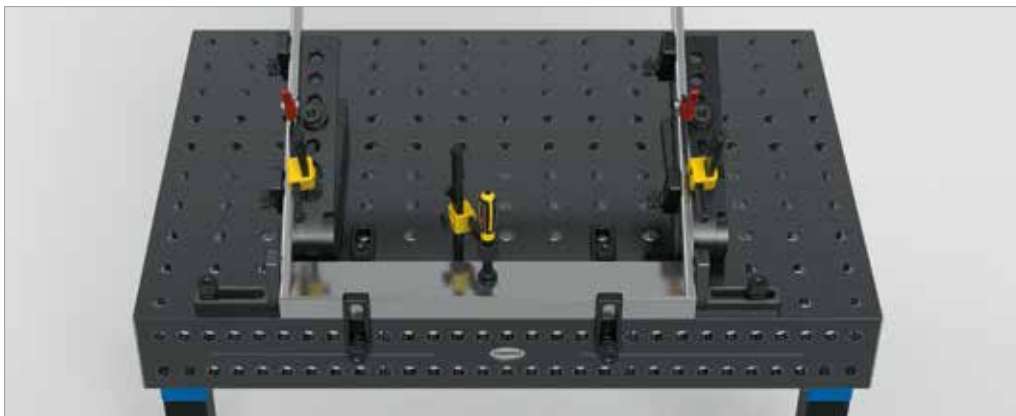
280402



280403

### Description:

Eccentric Stops, perfectly suited for infinite adjustment of elements by simply twisting them, with minimum space requirements.



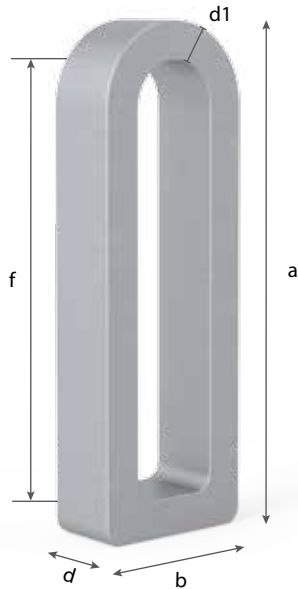


	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Eccentric Stop Ø 60</b> - Burnished - in situations with limited space	60 mm	25 mm	0,42 kg	2-280401 ●
<b>Eccentric Stop Ø 60 with M10 thread</b> - Burnished - for ground connection	60 mm	25 mm	0,41 kg	2-280402 ●
<b>Eccentric Stop Ø 100</b> - Burnished - also serves as support surface	100 mm	25 mm	1,40 kg	2-280403 ●

MS=Material thickness;

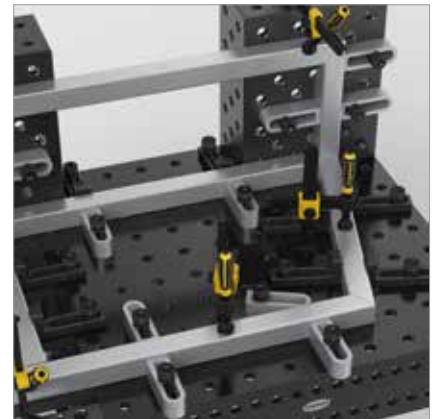
● = Stock item / ○ = Item is made to order

## Flex Stop 156 Aluminum



280412

280414



### Description:

Flex Stop Aluminum, individually adjustable through the oblong slot. Due to its radiused clamping sides, it can be versatilely used in corners as well as freeform stop surfaces. The Flex Stop is favoured when working with stainless steel and in confined spaces.

	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 25x156</b> - Aluminum	156 mm	52 mm	25 mm	12 mm	100 mm	0,30 kg	2-280412 ●
<b>Flex Stop 50x156</b> - Clamping Bolt long required - Aluminum	156 mm	52 mm	50 mm	12 mm	100 mm	0,60 kg	2-280414 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

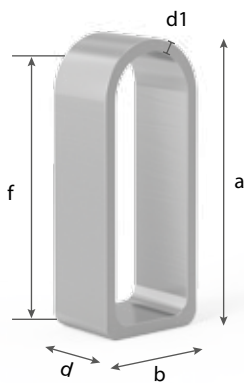
● = Stock item / ○ = Item is made to order



Flex Stop 90 Steel

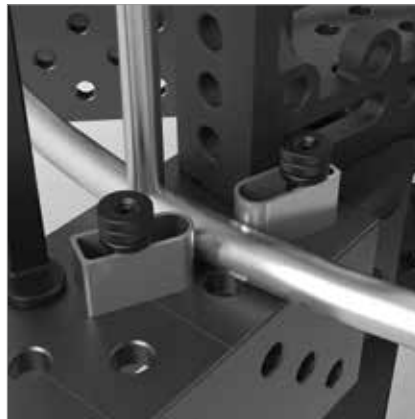
**Description:**

Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.



280411

280413

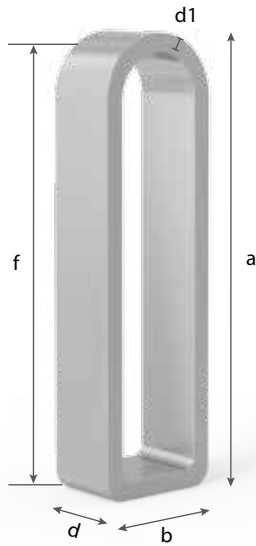


	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 25x90</b> - galvanized	90 mm	36 mm	25 mm	4 mm	50 mm	0,18 kg	2-280411 ●
<b>Flex Stop 50x90</b> - Clamping Bolt long required - galvanized	90 mm	36 mm	50 mm	4 mm	50 mm	0,36 kg	2-280413 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

## Flex Stop 140 Steel



280416



280418



### Description:

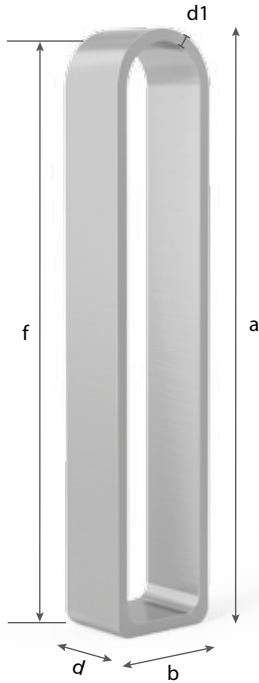
Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.

	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 25x140</b> - galvanized	140 mm	40 mm	25 mm	6 mm	100 mm	0,37 kg	2-280416 ●
<b>Flex Stop 50x140</b> - Clamping Bolt long required - galvanized	140 mm	40 mm	50 mm	6 mm	100 mm	0,75 kg	2-280418 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Flex Stop 182 Steel

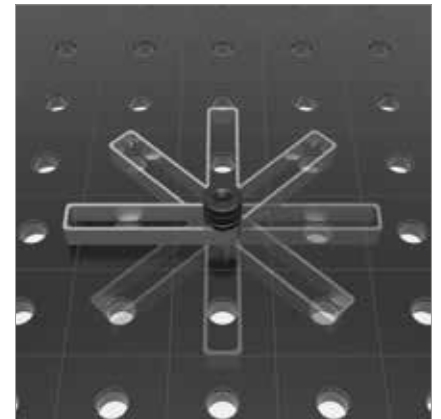


280419

280417

**Description:**

Flex Stop Steel, individually adjustable through the oblong slot, provides a multitude of options. Due to its rounded clamping sides it can be used in corners, as well as free formed clamping surfaces. The Flex Stop 182 spans the hole distance even in diagonal applications.



	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 25x182</b> - galvanized	182 mm	36 mm	25 mm	4 mm	150 mm	0,33 kg	2-280419 ●
<b>Flex Stop 50x182</b> - Clamping Bolt long required - galvanized	182 mm	36 mm	50 mm	4 mm	150 mm	0,65 kg	2-280417 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order



## Universal Stop 150 L



280410.N



280410



280410.A



280410.C

### Description:

Universal Stop 150 L, enables precise adjustment range of 0-100 mm for every element through the oblong slot.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 150 L</b> - Nitrided - Standard with fine scaling on both sides	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.N ●
<b>Universal Stop 150 L</b> - Burnished	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410 ●
<b>Universal Stop 150 L</b> - Aluminum	150 mm	50 mm	25 mm	100 mm	0,30 kg	2-280410.A ●
<b>Universal Stop 150 L</b> - Chromed	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.C ○

MS=Material thickness; VB=Adjusting range;

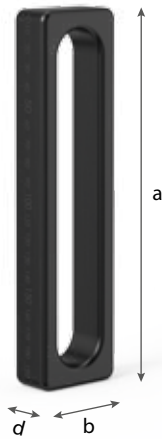
● = Stock item / ○ = Item is made to order

Universal Stop 200 L

**Description:**

Universal Stop 200 L, precisely adjusts each element through the oblong slot within a range of 0-150 mm.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280410.1



280410.1.C



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 200 L</b> - Burnished - Standard with fine scaling on both sides	200 mm	50 mm	25 mm	150 mm	1,00 kg	2-280410.1 ●
<b>Universal Stop 200 L</b> - Chromed - Standard with fine scaling on both sides	200 mm	50 mm	25 mm	150 mm	1,00 kg	2-280410.1.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

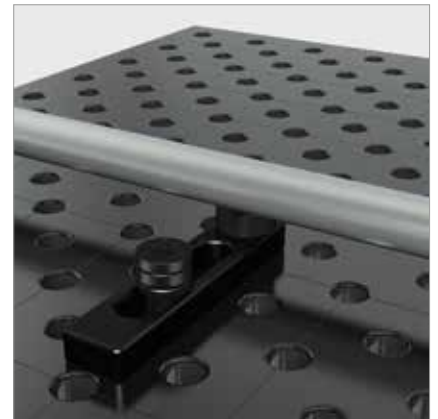
## Universal Stop 225 L



### Description:

Universal Stop 225 L, by combining oblong slot (0-100 mm adjustable range) and system bore holes, it can be firmly fastened or variably adjusted. In addition, it can be used with prisms and adapters.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 225 L</b> - Nitrided - Standard with fine scaling on both sides	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.N ●
<b>Universal Stop 225 L</b> - Burnished	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420 ●
<b>Universal Stop 225 L</b> - Aluminum	225 mm	50 mm	25 mm	100 mm	0,55 kg	2-280420.A ●
<b>Universal Stop 225 L</b> - Chromed	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

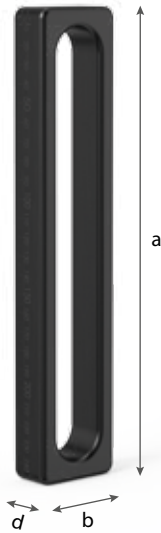


Universal Stop 250 L

**Description:**

Universal Stop 250 L, precisely adjusts each element through the oblong slot within a range of 0-200 mm. The broad adjustment range enables the use of 2 clamping bolts and limitless diagonal clamping.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280410.2



280410.2.C



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 250 L</b> - Burnished - Standard with fine scaling on both sides	250 mm	50 mm	25 mm	200 mm	1,20 kg	2-280410.2 ●
<b>Universal Stop 250 L</b> - Chromed - Standard with fine scaling on both sides	250 mm	50 mm	25 mm	200 mm	1,20 kg	2-280410.2.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

## Universal Stop 225 L FDS



280421



### Description:

Universal Stop 225 L FDS, additionally equipped with a spring loaded part. As a result, the 225 L FDS Universal Stop is perfectly suitable for clamping metal and molded components. Due to the spring mechanism, no additional fixation of the workpiece is necessary, if no major welding deformations are anticipated. The adjustment range of the oblong slot is 0-100 mm.

Typical application: Serial production

Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280421 ●

**Universal Stop 225 L FDS**  
 - with spring pressure part  
 - Burnished  
 - Standard with fine scaling on both sides

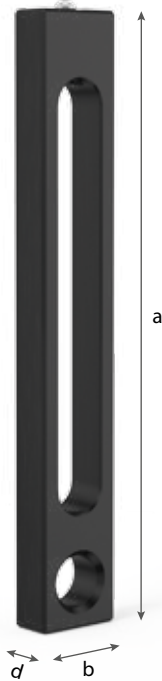
MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

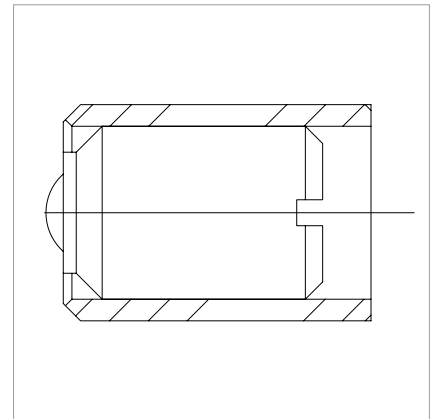
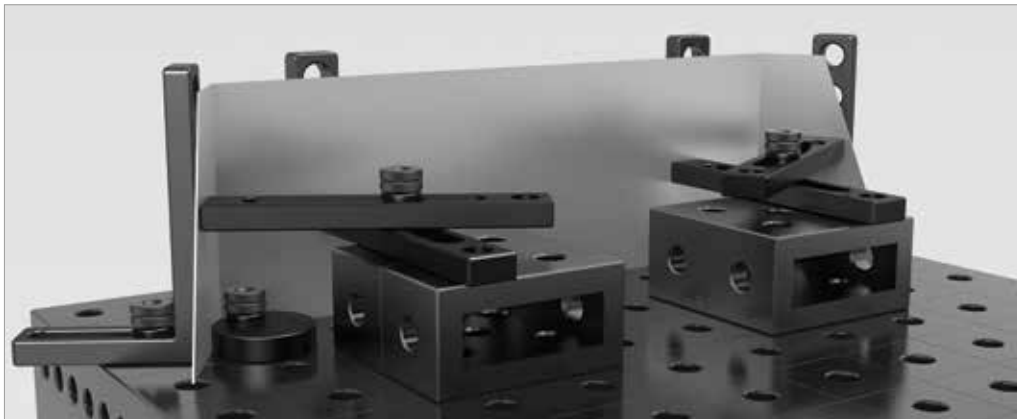
Universal Stop 325 L FDS

**Description:**

Universal Stop 325 L FDS, unlike the Stop 325 L additionally equipped with a spring. As a result, the 325 L Universal Stop is perfect for clamping metal and molded components. Due to the spring mechanism it is unnecessary to additionally secure the material that is being processed, if no major welding warpage is expected. The adjustment range of the oblong slot is 0-200 mm, enabling also diagonal clamping on the welding table.



280421.1



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 325 L FDS</b> - with spring pressure part - Burnished - Standard with fine scaling on both sides	325 mm	50 mm	25 mm	200 mm	1,80 kg	2-280421.1 ●

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Universal Stop 100 / 150 / 250



280407



280407.C



280408



280408.C



280409

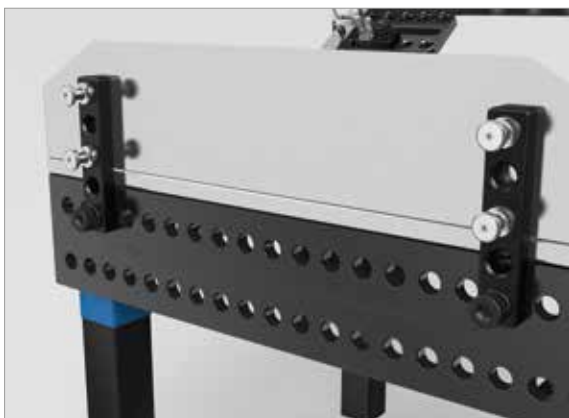


280409.C

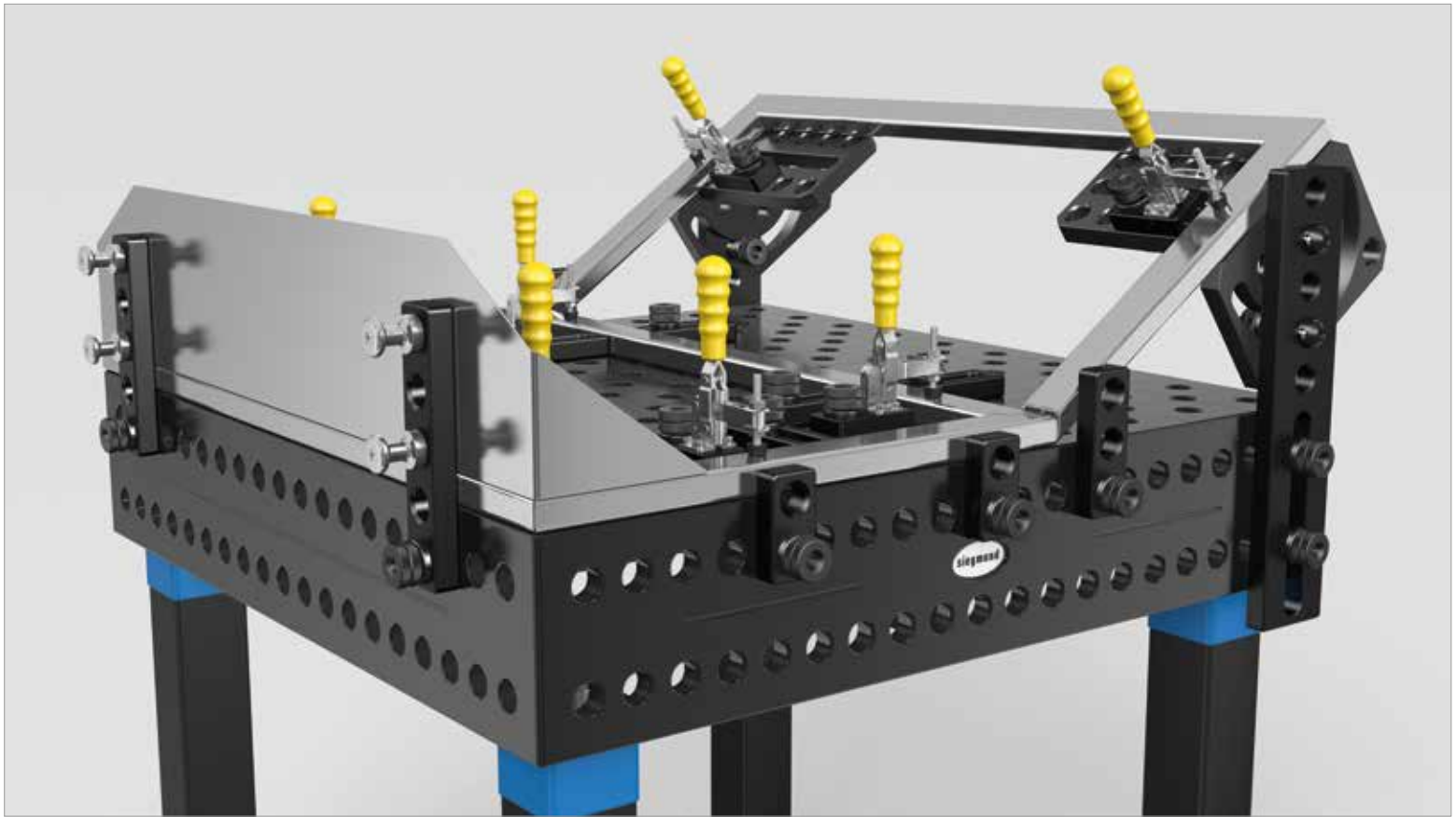
**Description:**

Universal Stop, firmly fixable through system bore holes and available in different lengths. The distance between the bore holes is 50 mm.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.







	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
<b>Universal Stop 100</b> - 2 system bore holes - Burnished	100 mm	50 mm	25 mm	0,75 kg	2-280407 ●
<b>Universal Stop 100</b> - 2 system bore holes - Chromed	100 mm	50 mm	25 mm	0,75 kg	2-280407.C ○
<b>Universal Stop 150</b> - 3 system bore holes - Burnished	150 mm	50 mm	25 mm	1,10 kg	2-280408 ●
<b>Universal Stop 150</b> - 3 system bore holes - Chromed	150 mm	50 mm	25 mm	1,10 kg	2-280408.C ○
<b>Universal Stop 250</b> - 5 system drill holes - Burnished	250 mm	50 mm	25 mm	1,80 kg	2-280409 ●
<b>Universal Stop 250</b> - 5 system drill holes - Chromed	250 mm	50 mm	25 mm	1,80 kg	2-280409.C ○

MS=Material thickness;

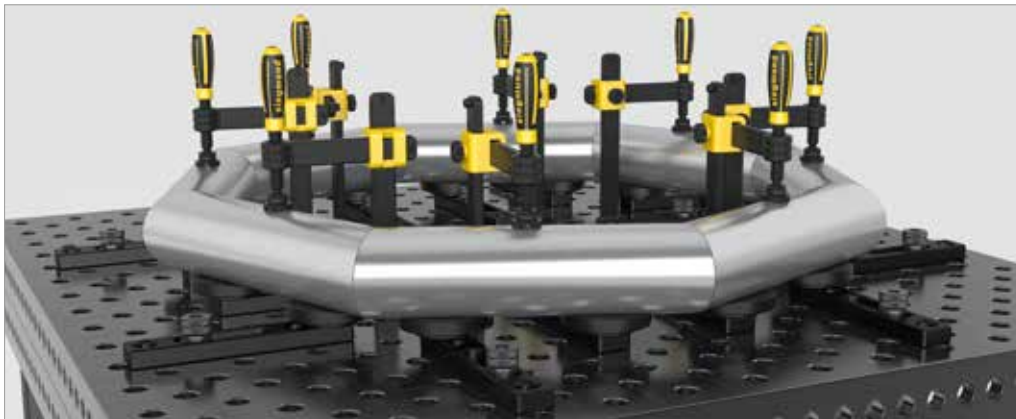
● = Stock item / ○ = Item is made to order

## Universal Stop 300



280426

280426.C



### Description:

Universal Stop 300, serves as an expansion to the stop surface. Further fixed or variable stop options are created, due to the triple system bore holes and the oblong slot (adjustable range 0-100 mm).

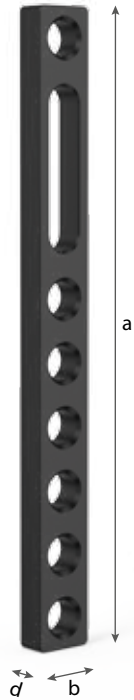
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.

	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 300</b> - 3 system bore holes - Burnished	300 mm	50 mm	25 mm	100 mm	1,85 kg	2-280426 ●
<b>Universal Stop 300</b> - 3 system bore holes - Chromed	300 mm	50 mm	25 mm	100 mm	1,85 kg	2-280426.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Universal Stop 500



280427

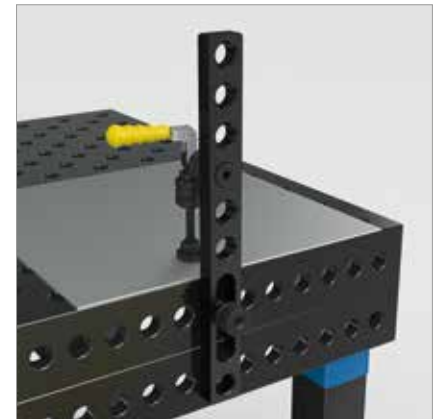


280427.C

**Description:**

Universal Stop 500 was especially developed to expand the stopping surface. Further fixed or variable stopping options are possible, resulting from the seven system bore holes and the elongated hole (with an adjustable range of 0-100 mm).

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 500</b> - 7 system bore holes - Burnished	500 mm	50 mm	25 mm	100 mm	3,30 kg	2-280427 ●
<b>Universal Stop 500</b> - 7 system bore holes - Chromed	500 mm	50 mm	25 mm	100 mm	3,30 kg	2-280427.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

## Universal Stop 325 L



280422



280422.C

### Description:

Universal Stop 325 L with system bore holes and oblong slot (0-100 mm range), provides fixed and versatile adjustment, for a multitude of clamping options.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 325 L</b> - 3 system bore holes - Burnished	325 mm	50 mm	25 mm	100 mm	2,10 kg	2-280422 ●
<b>Universal Stop 325 L</b> - 3 system bore holes - Chromed	325 mm	50 mm	25 mm	100 mm	2,10 kg	2-280422.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order



Universal Stop 525 L



280424

280424.C

**Description:**

Universal Stop 525 L with system bore holes and oblong slot (0-100 mm range), provides fixed and versatile adjustment, for a multitude of clamping options.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.

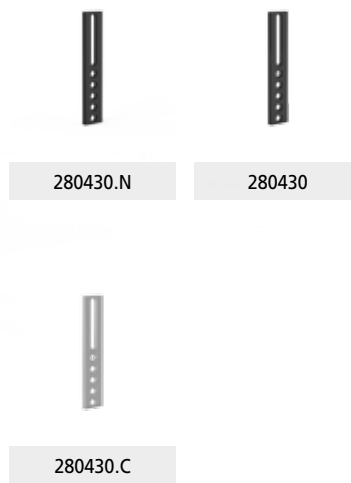


	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 525 L</b> - 7 system bore holes - Burnished	525 mm	50 mm	25 mm	100 mm	3,50 kg	2-280424 ●
<b>Universal Stop 525 L</b> - 7 system bore holes - Chromed	525 mm	50 mm	25 mm	100 mm	3,50 kg	2-280424.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

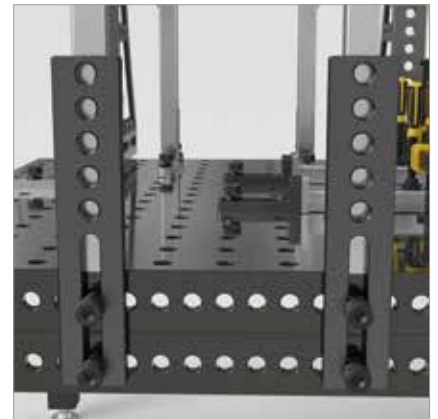
## Universal Stop 500 S



### Description:

Universal Stop 500 S was especially designed for working with stops and positioning of large components. The combination of system bore holes and the oblong slot (0-200 mm range), enables fixed and versatile adjustment, for a multitude of clamping options.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 500 S</b> - 5 system drill holes - Nitrided	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.N ○
<b>Universal Stop 500 S</b> - 5 system drill holes - Burnished	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430 ●
<b>Universal Stop 500 S</b> - 5 system drill holes - Chromed	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Universal Stop 750 S



**Description:**

Universal Stop 750 S was especially designed for working with stops and positioning of large components. The combination of system bore holes and the oblong slot (0-200 mm range), enables fixed and versatile adjustment, for a multitude of clamping options.

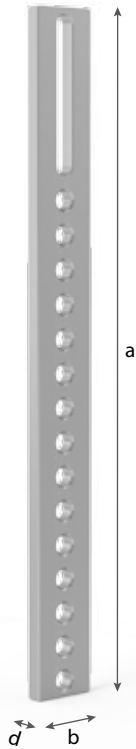
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 750 S</b> - 10 system bore holes - Burnished	750 mm	100 mm	25 mm	200 mm	12,10 kg	2-280432 ●
<b>Universal Stop 750 S</b> - 10 system bore holes - Chromed	750 mm	100 mm	25 mm	200 mm	12,10 kg	2-280432.C ○

MS=Material thickness; VB=Adjusting range;  
● = Stock item / ○ = Item is made to order

## Universal Stop 1000 S



280434

280434.C

### Description:

Universal Stop 1000 S was especially designed for working with stops and positioning of large components. The combination of system bore holes and the oblong slot (0-200 mm range), enables fixed and versatile adjustment, for a multitude of clamping options.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 1000 S</b> - 15 system bore holes - Polished	1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434 ●
<b>Universal Stop 1000 S</b> - 15 system bore holes - Chromed	1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434.C ○

MS=Material thickness; VB=Adjusting range;

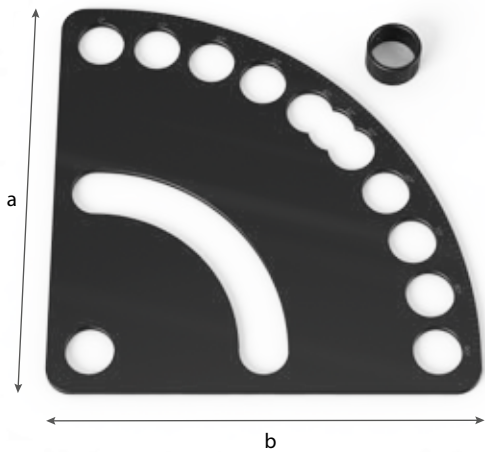
● = Stock item / ○ = Item is made to order



Angle Alignment Template

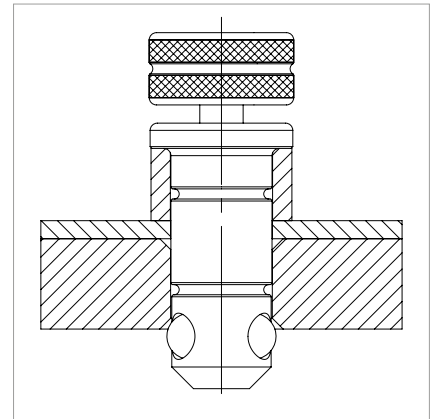
**Description:**

Angular Adjustment Template, enables precise adjustment, optional in 10° increments or continuously variable from 0-90°. Versatile application due to 1° precision scale.



280455

280538



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Angle Alignment Template</b> - Burnished	250 mm	250 mm			5 mm	1,50 kg	2-280455 ●
<b>Spacer Sleeve</b> - Burnished			20 mm	35 mm		0,05 kg	2-280538 ●

MS=Material thickness;

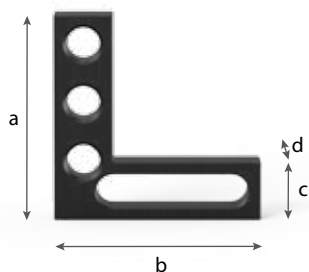
● = Stock item / ○ = Item is made to order

## Flat Square 175

### Description:

Flat Square 175 can be firmly fixed or variably adjusted, resulting from the combination of system bore holes and oblong slot. The flat square is freely adjustable over a length of up to 100 mm.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280445



280445.C



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Flat Square 175 small</b> - 3 system bore holes - Burnished	175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445 ●
<b>Flat Square 175 small</b> - 3 system bore holes - Chromed	175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445.C ○

MS=Material thickness;

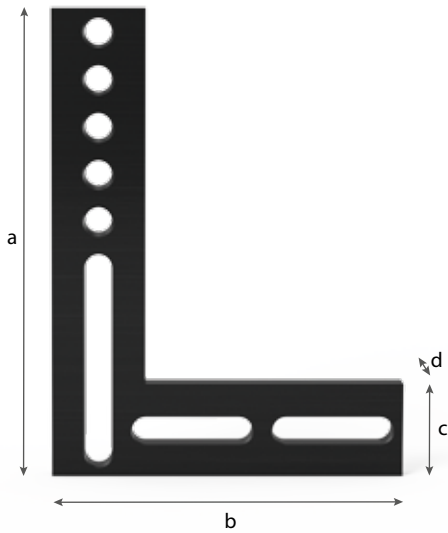
● = Stock item / ○ = Item is made to order

Flat Square 500

**Description:**

Flat Square 500 can be firmly fixed or variably adjusted, resulting from the combination of system bore holes and oblong slot. The flat square is freely adjustable over a length of up to 200 mm.

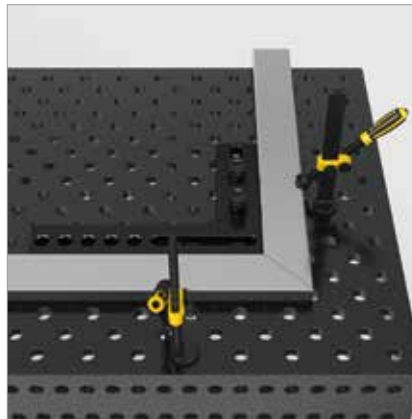
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280444



280444.C



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Flat Square 500 large</b> - 5 system drill holes - Burnished	500 mm	375 mm	100 mm	25 mm	12,00 kg	2-280444 ●
<b>Flat Square 500 large</b> - 5 system drill holes - Chromed	500 mm	375 mm	100 mm	25 mm	12,00 kg	2-280444.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

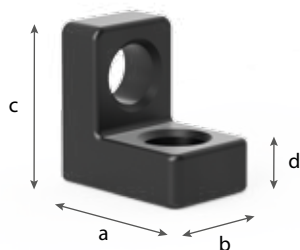




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## Stop and Clamping Square 75 L



280105



280105.C

### Description:

Stop and Clamping Square 75 L, serves as a fixed square for large footprints. In addition it is compatible with other squares. A height-adjustable support surface can be created, by combining it with a Stop and Clamping Square with oblong slot, e.g. 175 WL (Item No. 280111).

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 75 L</b> - Burnished	75 mm	50 mm	75 mm	25 mm	1,00 kg	2-280105 ●
<b>Stop and Clamping Square 75 L</b> - Chromed	75 mm	50 mm	75 mm	25 mm	1,00 kg	2-280105.C ○

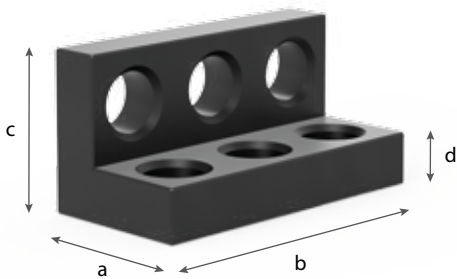
MS=Material thickness;

● = Stock item / ○ = Item is made to order

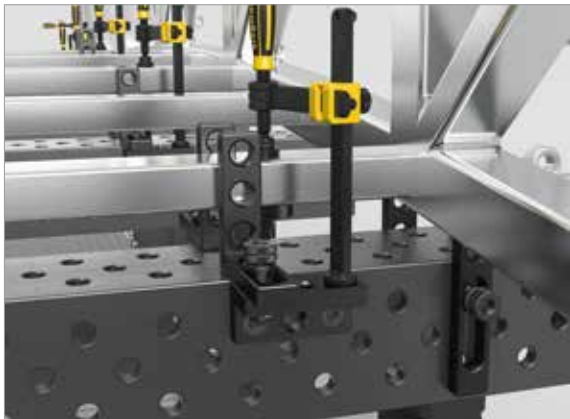
Mounting Square

**Description:**

Mounting Square, can be used as a stop or angle element, as well as attaching additional squares. It can also be used to connect welding tables with support- and foundation rails. For this application countersunk bolts (Item No. 280528) or fast clamping bolts (Item No. 280510) are recommended.



280107



**Mounting Square**  
- Burnished

Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
75 mm	150 mm	75 mm	25 mm	2,90 kg	2-280107 ●

MS=Material thickness;

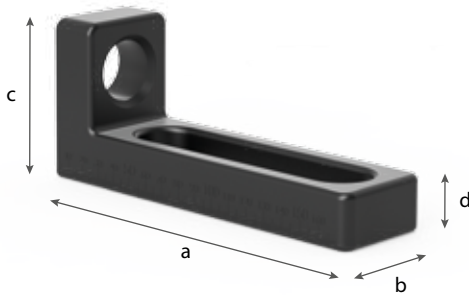
● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 175 SL

### Description:

Stop and Clamping Square 175 SL, can be used as a stop for large sections. In addition, it is compatible with other squares and can provide a height adjustable surface by clamping it into the oblong slot.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 175 SL</b> - Nitrided - Standard with fine scaling on both sides	175 mm	50 mm	75 mm	25 mm	1,40 kg	2-280109.N ●
<b>Stop and Clamping Square 175 SL</b> - Chromed - Standard with fine scaling on both sides	175 mm	50 mm	75 mm	25 mm	1,40 kg	2-280109.C ○
<b>Stop and Clamping Square 175 ML</b> - Nitrided - Standard with fine scaling on both sides	175 mm	50 mm	125 mm	25 mm	1,80 kg	2-280109.1.N ●
<b>Stop and Clamping Square 175 ML</b> - Chromed - Standard with fine scaling on both sides	175 mm	50 mm	125 mm	25 mm	1,80 kg	2-280109.1.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

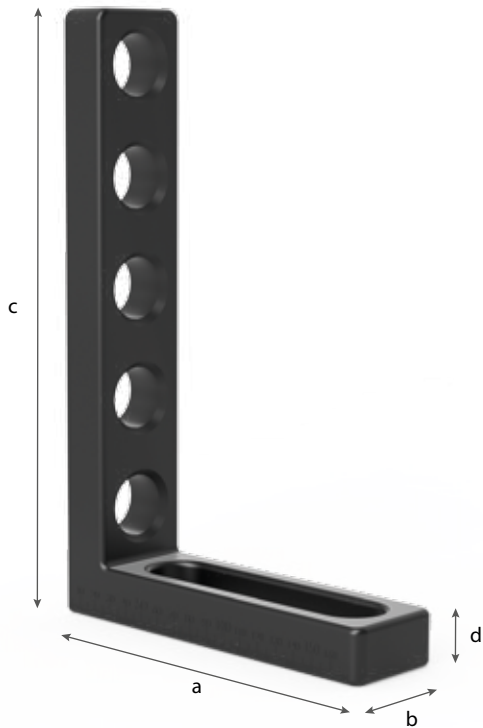


Stop and Clamping Square 275 L

**Description:**

Stop and Clamping Square 275 L, used as a cast iron square and table extension for light-weight parts. The oblong slot also functions as an adjustable stop for high components.

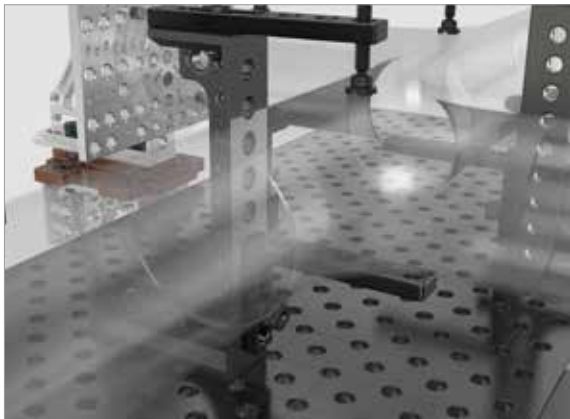
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280112



280112.C

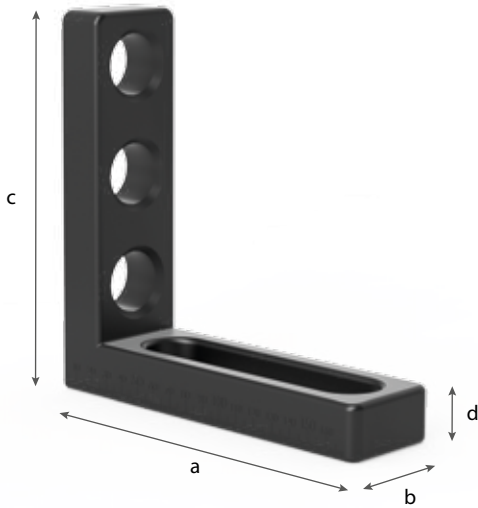


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 275 L</b> - Burnished - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm	2,80 kg	2-280112 ●
<b>Stop and Clamping Square 275 L</b> - Chromed - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm	2,80 kg	2-280112.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 175 L



280110.N



280110.A



280110.G



280110.C

### Description:

Stop and Clamping Square 175 L, can be utilized as a multifunctional adjustable angle, by combining system bore holes and oblong slot. A height-adjustable support can be created, by combining the Stop and Clamping Square 75 L (Item No. 280105) and the Stop and Clamping Square 175 SL (Item No. 280109). This component also functions well as a stop for large parts.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



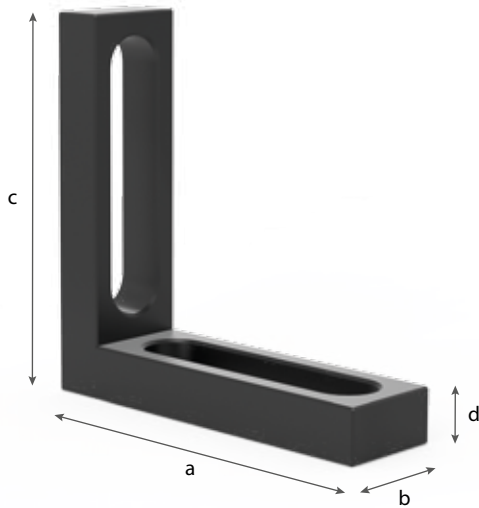


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 175 L</b> - drill hole / oblong slot - Cast iron / Nitrided - Standard with fine scaling on both sides	175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N ●
<b>Stop and Clamping Square 175 L</b> - drill hole / oblong slot - Cast iron / Burnished	175 mm	50 mm	175 mm	25 mm	1,90 kg	2-280110.G ●
<b>Stop and Clamping Square 175 L</b> - drill hole / oblong slot - Aluminum	175 mm	50 mm	175 mm	25 mm	0,80 kg	2-280110.A ●
<b>Stop and Clamping Square 175 L</b> - drill hole / oblong slot - Chromed	175 mm	50 mm	175 mm	25 mm	2,10 kg	2-280110.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 175 WL / 175 VL / 275 WL



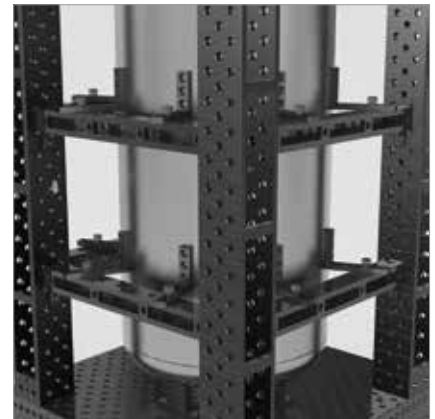
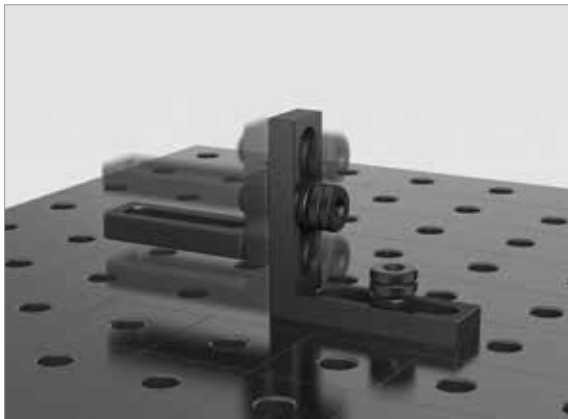
### Description:

Stop and Clamping Square 175 WL (Item No. 280111), with two oblong slots that enable a range of adjustable options.

Stop- and Clamping Square 175 VL (Item No. 280113), with both-sided bore holes, can be used as a support bracket. By connecting it with the Stop- and Clamping Square 75 L (Item No. 280105) and the Stop- and Clamping Square 175 SL (Item No. 280109), it can be utilized as a height-adjustable support.

Stop- and Clamping Square 275 WL (Item No. 280115), can be utilized as a multifunctional adjustable angle, by combining system boreholes and oblong slot.

It can also be used as a stop, particularly for large parts.



Length: (a)    Width: (b)    Height: (c)    MS: (d)    Weight:    Item No.

#### Stop and Clamping Square 175 WL

- slot / slot 100
- Burnished
- Standard with fine scaling on both sides
- flexible in any direction

175 mm    50 mm    175 mm    25 mm    1,80 kg    2-280111 ●

#### Stop and Clamping Square 175 VL

- drill hole / drill hole
- Burnished

175 mm    50 mm    175 mm    25 mm    2,40 kg    2-280113 ●

#### Stop and Clamping Square 275 WL

- hole / slot 200
- Burnished

275 mm    50 mm    175 mm    25 mm    2,50 kg    2-280115 ●

#### Chrome-Plated Version upon Request

○

MS=Material thickness;

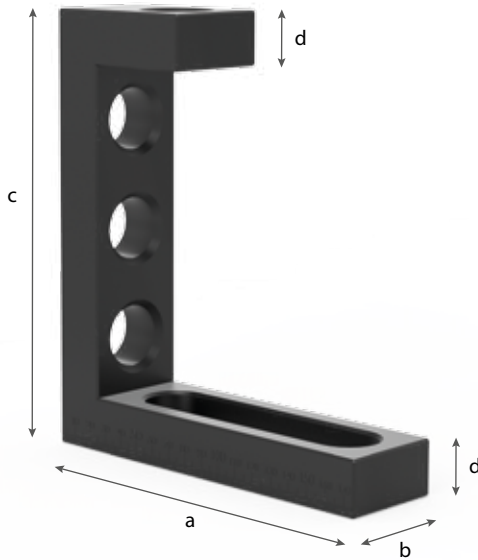
● = Stock item / ○ = Item is made to order



Stop and Clamping Square 200 L

**Description:**

Stop and Clamping Square 200 L serves as an adjustable angle. The combination of system boreholes and the oblong slot facilitates multifunctional use. The additional top plate provides further combination options in connection with other squares, or to incorporate tools like prisms or clamps.



280114



**Stop and Clamping Square 200 L**  
 - Burnished  
 - Standard with fine scaling on both sides

Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
175 mm	50 mm	200 mm	25 mm	2,71 kg	2-280114 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 300 G / 500 G



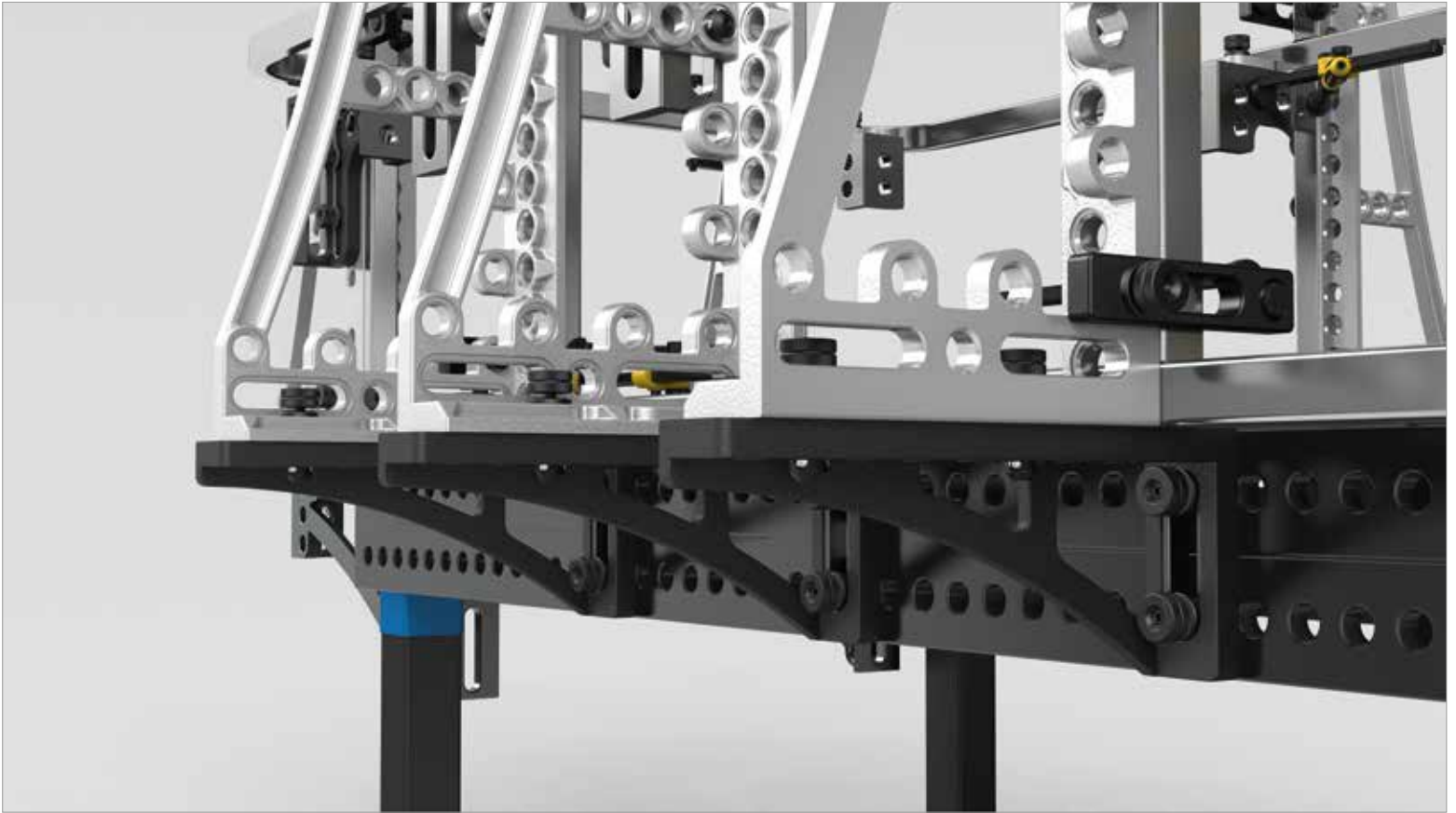
280152

280162

### Description:

Stop and Clamping Square 300 G / 500 G, can be fixed and variably adjusted due to the combination of system bore holes and the oblong slot. The versatile Square can also be used as table extension. This component is manufactured of high quality GGG40 ductile cast iron.





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 300 G</b> - stop on left - Burnished	200 mm	75 mm	300 mm	approx. 27 mm	6,00 kg	2-280152 ●
<b>Stop and Clamping Square 500 G</b> - stop on left - Burnished	200 mm	75 mm	500 mm	approx. 27 mm	9,40 kg	2-280162 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

These squares are subject to change by Siegmund, to be alternatively delivered plasma nitrided.

## Stop and Clamping Square 500 G with rotation angle



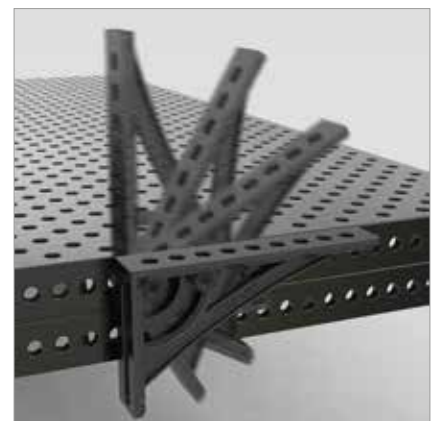
280164



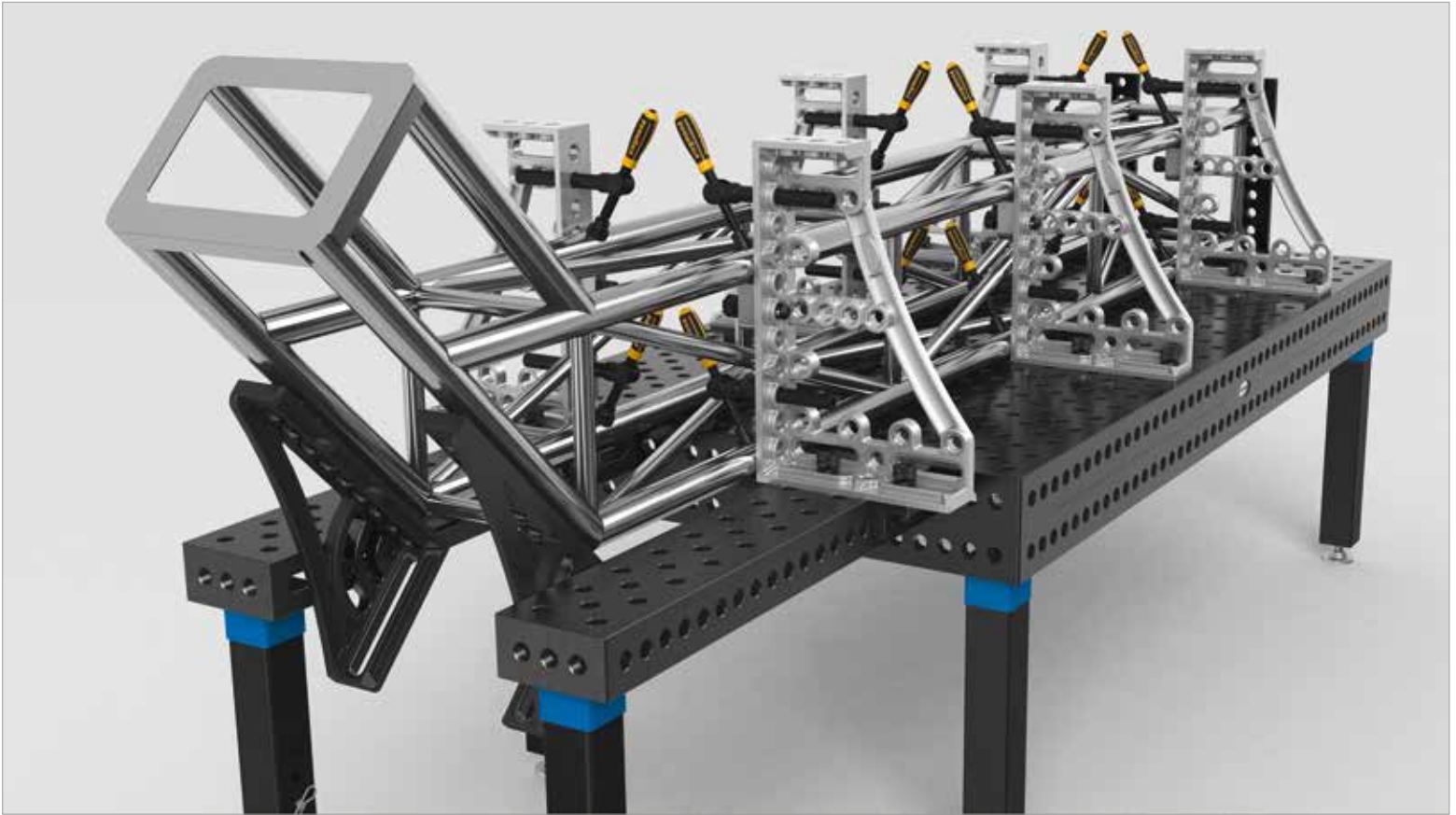
280165

### Description:

Stop and Clamping Square 500 G, can be fixed and variably adjusted due to the combination of system bore holes and the oblong slot. The versatile Square can also be used as table extension. This component is manufactured of high quality GGG40 ductile cast iron.







	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 500 G with rotation angle</b> - stop on left - Cast iron / Burnished	276 mm	95 mm	500 mm	11,50 kg	2-280164 ●
<b>Stop and Clamping Square 500 G with rotation angle</b> - stop on right - Cast iron / Burnished	276 mm	95 mm	500 mm	11,50 kg	2-280165 ●

● = Stock item / ○ = Item is made to order

These squares are subject to change by Siegmund, to be alternatively delivered plasma nitrided.

## Stop and Clamping Square 750 G Plasma nitrided



280166.P

280167.P

### Description:

Stop and Clamping Square 750 G, can be fixed and variably adjusted due to the combination of system bore holes and the oblong slot. The versatile Square can also be used as table extension. This component is manufactured of high quality GGG40 ductile cast iron.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 750 G Plasma nitrided</b> - stop on left	276 mm	85 mm	750 mm	13,60 kg	2-280166.P ●
<b>Stop and Clamping Square 750 G Plasma nitrided</b> - stop on right	276 mm	85 mm	750 mm	13,60 kg	2-280167.P ●

● = Stock item / ○ = Item is made to order

Stop and Clamping Square 300 GK / 500 GK Plasma nitrided

**Description:**

Stop and Clamping Square 300 GK / 500 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.



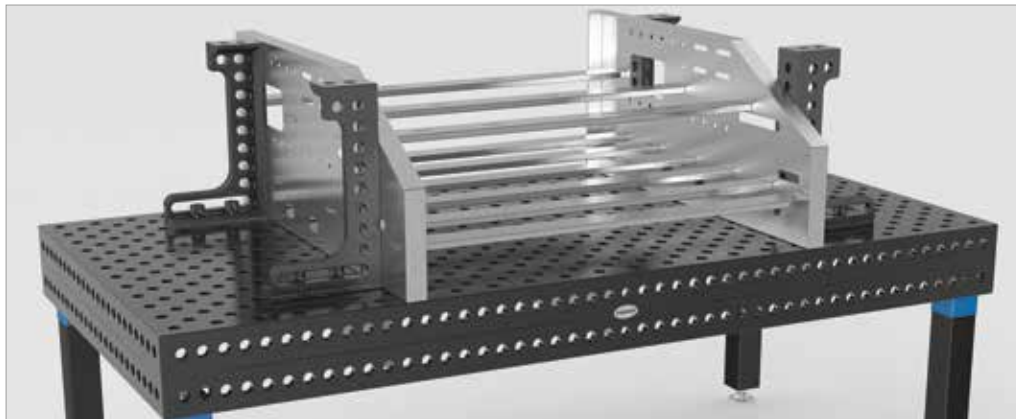
280124.P

280126.P



280130.P

280132.P

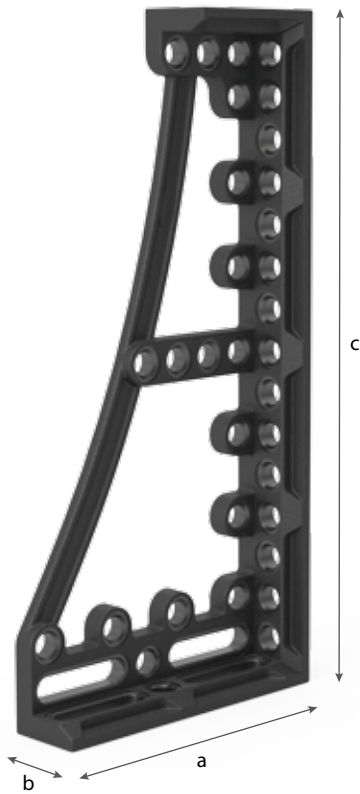


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 300 GK Plasma nitrided</b> - stop on left - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280124.P ●
<b>Stop and Clamping Square 300 GK Plasma nitrided</b> - stop on right - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280126.P ●
<b>Stop and Clamping Square 500 GK Plasma nitrided</b> - stop on left - fine scaling upon request	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280130.P ●
<b>Stop and Clamping Square 500 GK Plasma nitrided</b> - stop on right - fine scaling upon request	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280132.P ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 600 GK / 800 GK Plasma nitrided



280134.P

280136.P



280144.P

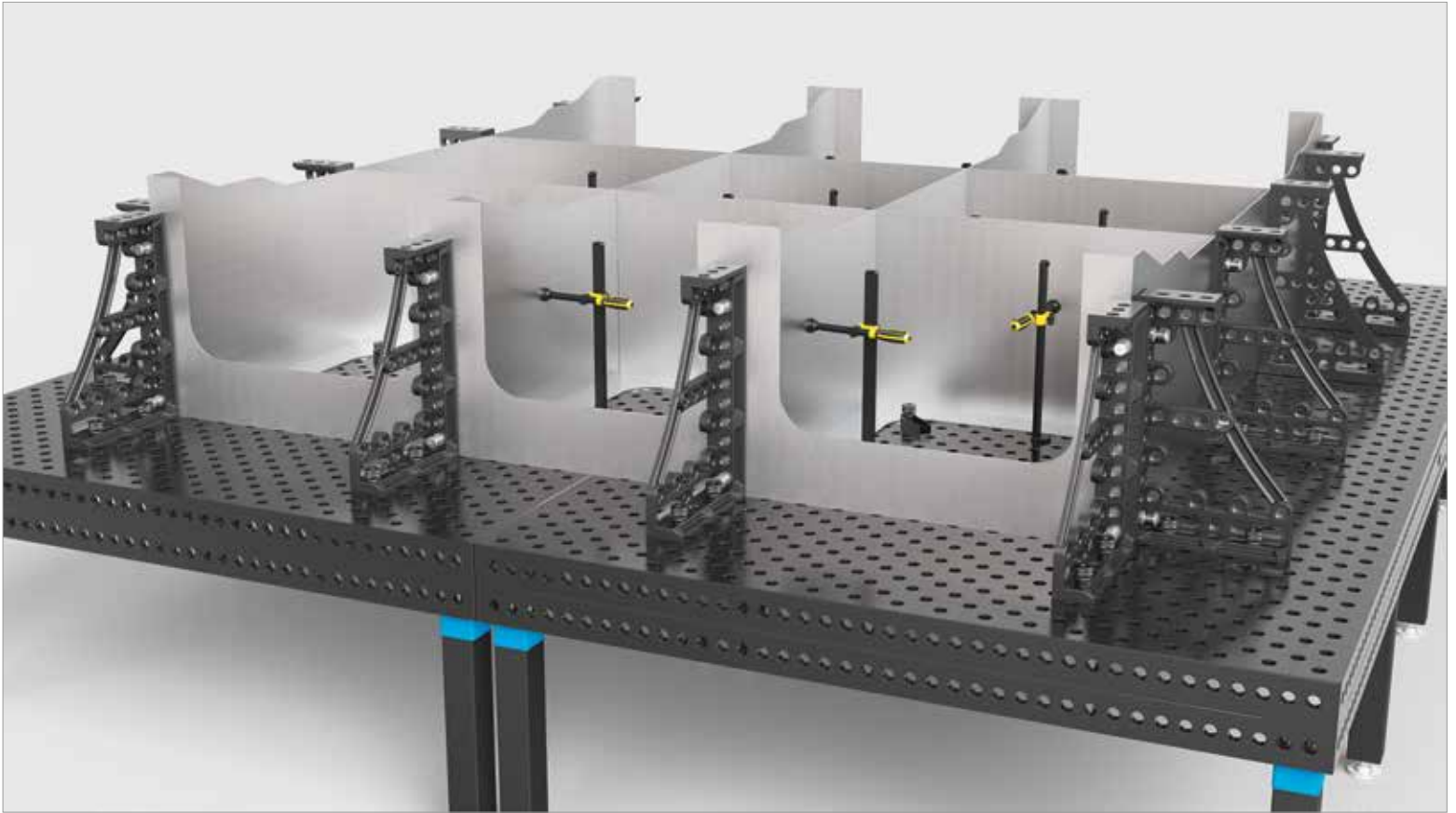
280146.P

### Description:

Stop and Clamping Squares 600 GK / 800 GK, facilitates a multitude of clamping options due to its three-dimensionality. It was especially designed for use with heavy components and can be used as a Stop as well as a table extension. To achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.





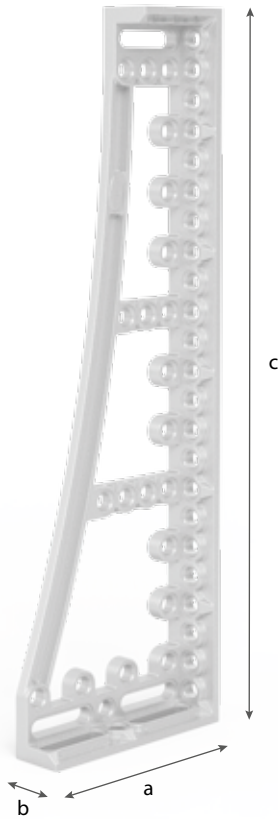


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 600 GK Plasma nitrided</b> - stop on left - Standard with fine scaling on both sides	376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280134.P ●
<b>Stop and Clamping Square 600 GK Plasma nitrided</b> - stop on right - Standard with fine scaling on both sides	376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280136.P ●
<b>Stop and Clamping Square 800 GK Plasma nitrided</b> - stop on left - Standard with fine scaling on both sides	376 mm	95 mm	800 mm	approx. 27 mm	27,00 kg	2-280144.P ●
<b>Stop and Clamping Square 800 GK Plasma nitrided</b> - stop on right - Standard with fine scaling on both sides	376 mm	95 mm	800 mm	approx. 27 mm	27,00 kg	2-280146.P ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 300 GK / 600 GK / 800 GK / 1200 GK Aluminum-Titanium



280120



280121



280138



280139



280140



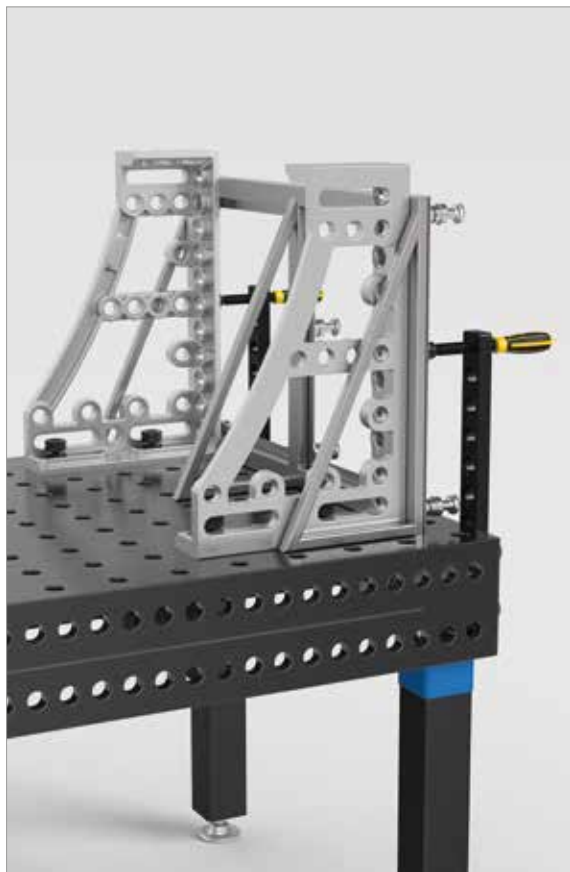
280141



280148



280149



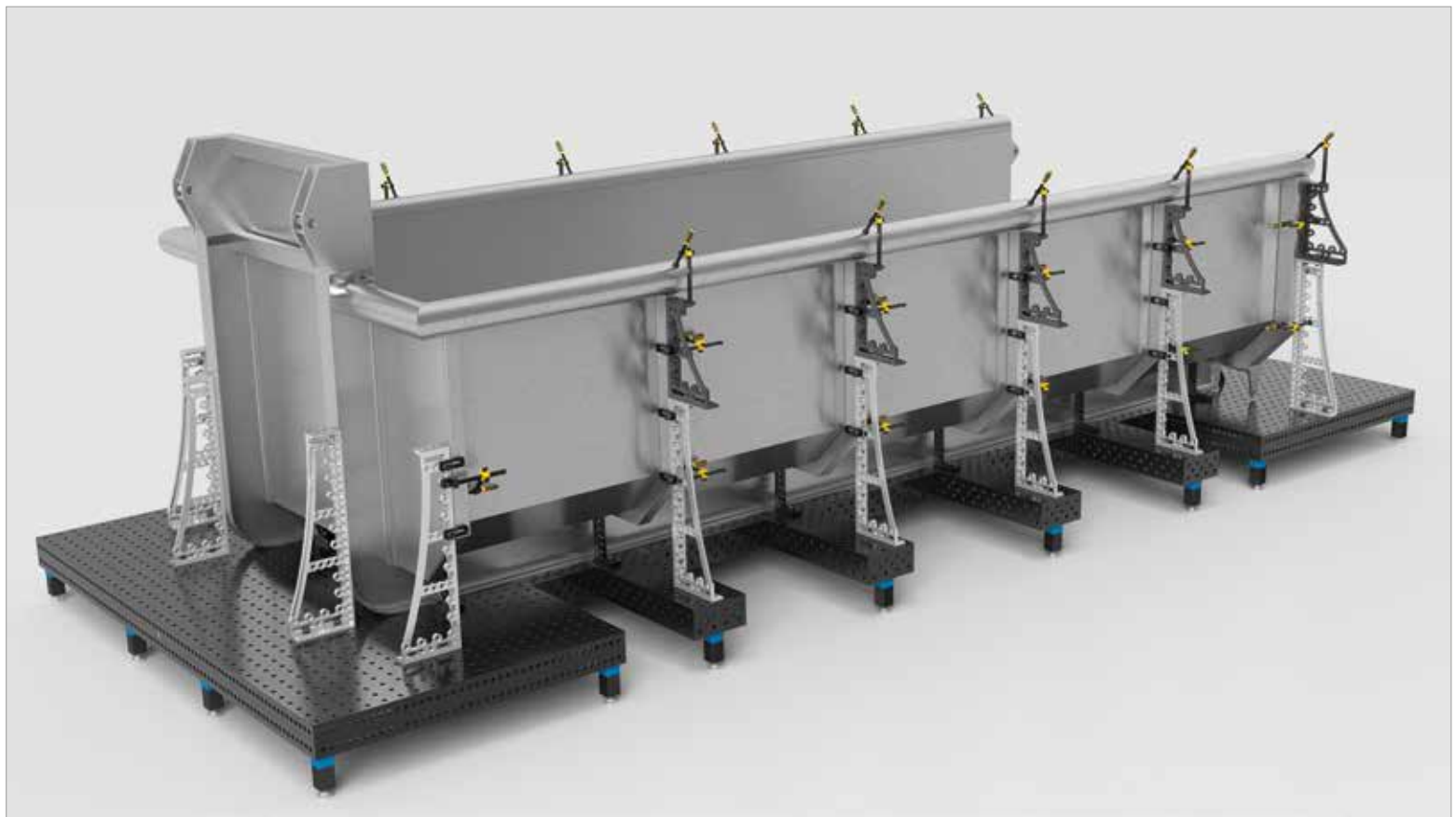
### Description:

Stop and Clamping Square GK aluminum-titanium, facilitates a multitude of clamping options, due to its three-dimensionality. It is especially designed for working with heavy parts, and can be used as a stop as well as a table extension. Stop and Clamping Squares are manufactured using an aluminum-titanium alloy, to reach maximum stability. Ordering in pairs is recommended.



reddot design award  
winner 2012

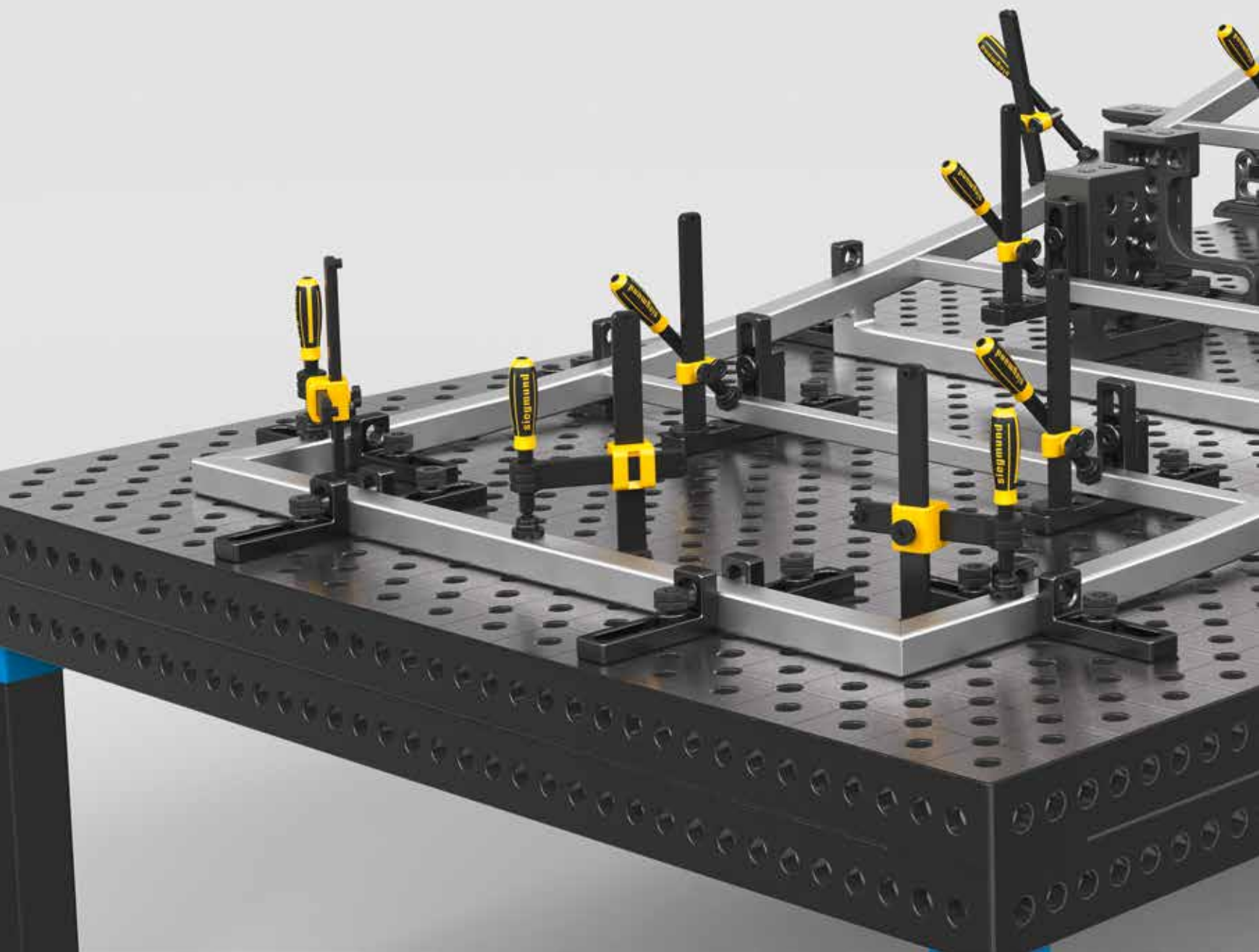




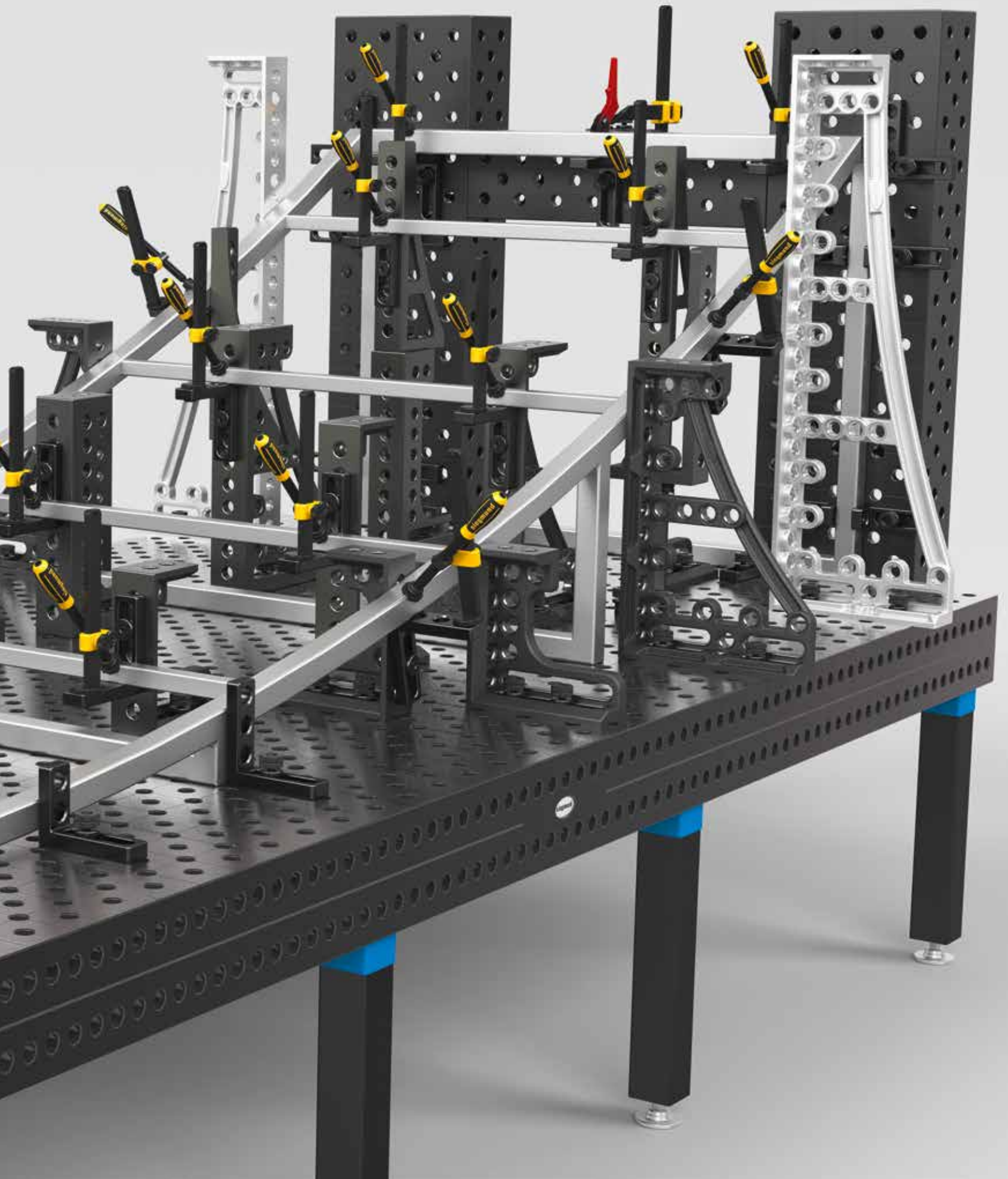
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 300 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280120 ●
<b>Stop and Clamping Square 300 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280121 ●
<b>Stop and Clamping Square 600 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	376 mm	95 mm	600 mm	approx. 27 mm	8,70 kg	2-280138 ●
<b>Stop and Clamping Square 600 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	376 mm	95 mm	600 mm	approx. 27 mm	8,70 kg	2-280139 ●
<b>Stop and Clamping Square 800 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	376 mm	95 mm	800 mm	approx. 27 mm	10,40 kg	2-280140 ●
<b>Stop and Clamping Square 800 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	376 mm	95 mm	800 mm	approx. 27 mm	10,40 kg	2-280141 ●
<b>Stop and Clamping Square 1200 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	376 mm	95 mm	1200 mm	approx. 27 mm	13,50 kg	2-280148 ●
<b>Stop and Clamping Square 1200 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	376 mm	95 mm	1200 mm	approx. 27 mm	13,50 kg	2-280149 ●

MS=Material thickness;

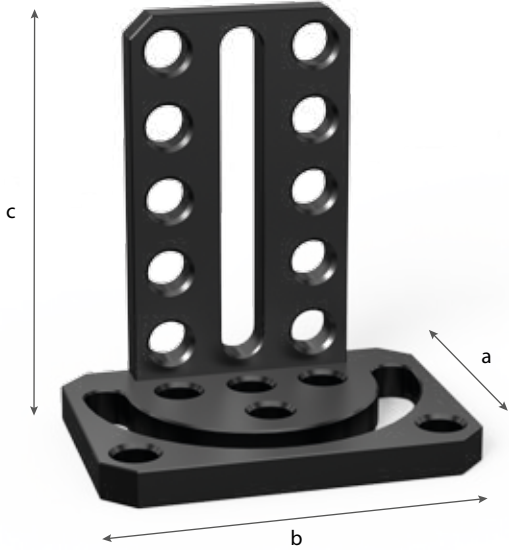
● = Stock item / ○ = Item is made to order







## Rotation Angle 275

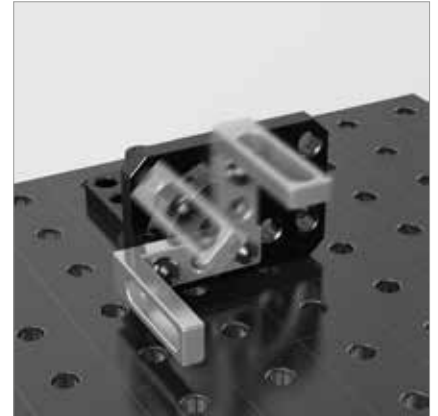


280101

### Description:

The Angle of Rotation allows the infinitely variable adjustment of clamping elements with system drill holes at an angle range of 180°.

Optimal fixation is achieved by using 2 clamping bolts simultaneously.



**Rotation Angle 275**  
- Burnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
180 mm	250 mm	275 mm	10,20 kg	2-280101 ●

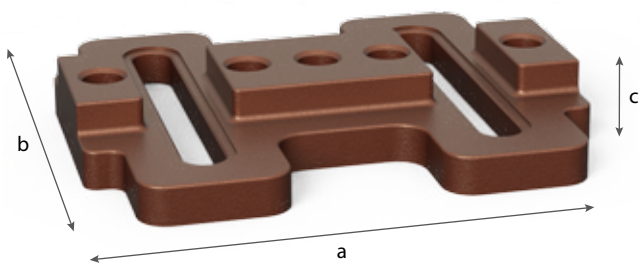
● = Stock item / ○ = Item is made to order

Sliding Base

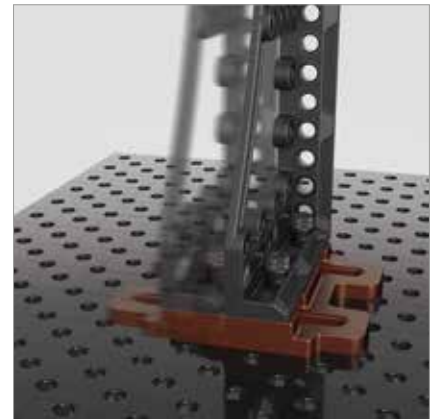
**Description:**

Sliding base - provides two axes of adjustment when used with squares. A third axis can be created by adding a second sliding base.

This component is manufactured of high quality GGG40 ductile cast iron.



280195



**Sliding Base**  
- Burnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
350 mm	300 mm	50 mm	16,00 kg	2-280195 ●

● = Stock item / ○ = Item is made to order

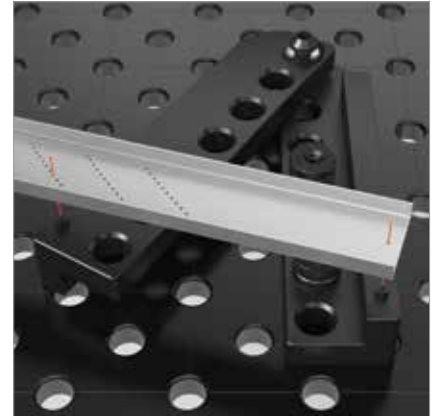
## Adjustable Angle Protractor

### Description:

Adjustable Angle Protractor, ideal for angle applications with high repeat accuracy. Any individual angular degree between 10° and 150° can be set. The angular degree is adjusted by using the setup template and an allen key. The Setup template is included with delivery.



280170



### Adjustable Angle Protractor

- Burnished
- incl setting template

SL=Side length;

● = Stock item / ○ = Item is made to order

SL: (e)	Weight:	Item No.
350 mm	14,50 kg	2-280170 ●



Universal Angle Hydromechanical Clamping

**Description:**

Universal Angle Hydromechanical Clamping, facilitates angular construction with high retention force, based on hydromechanical clamping. This square is infinitely variable within the range of 0° to 225°. The angle can be precisely set by using a digital angle meter, not included in delivery. The matching 14 mm Allen wrench is available as Item No. 280854.



280171

280854



SL: (e)	Weight:	Item No.
475 mm	23,00 kg	2-280171 ●
	0,45 kg	2-280854 ●

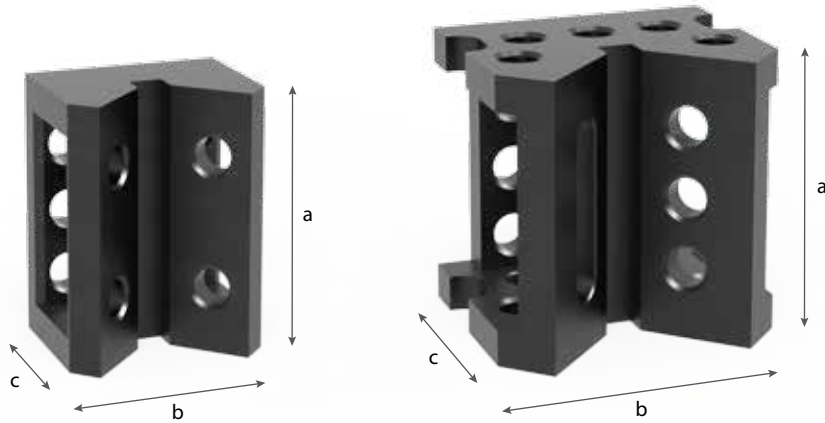
**Universal Angle Hydromechanical Clamping**  
- Burnished

**Allen Wrench 14**

SL=Side length;

● = Stock item / ○ = Item is made to order

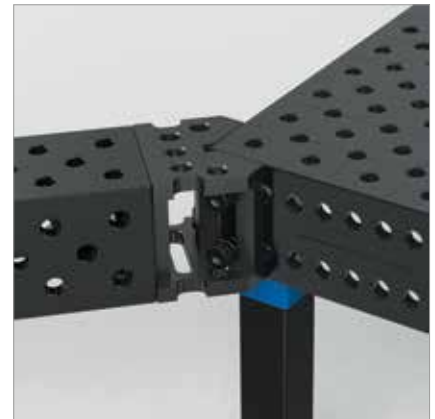
## Corner Connection, Cast Iron



280190.G



280191.G



### Description:

Standard Corner Connection, provides more workspace by giving the option to extend the table diagonally at a 45° angle. The Corner Connection can be securely fastened and works as a prism, stop or connecting piece. It is compatible with all other squares. The Corner Connection is extremely sturdy and provides connecting-, stop- and clamping options on 3 sides (Item No. 280190.G), as well as 5 sides (Item No. 280191.G).

This component is manufactured of high quality GGG40 ductile cast iron.

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Corner Connection, Standard Cast Iron</b> - Burnished	200 mm	150 mm	120 mm	11,80 kg	2-280190.G ●
<b>Corner Connection, Cast Iron</b> - Burnished	200 mm	200 mm	175 mm	19,70 kg	2-280191.G ●

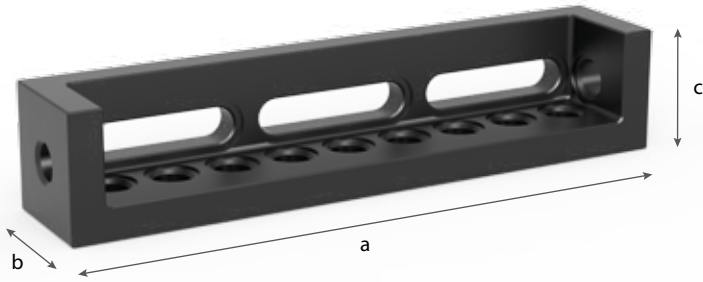
● = Stock item / ○ = Item is made to order

Moveable Square Cast Iron

**Description:**

Moveable Square, can be used as a connection between two stop- and clamping squares, providing additional support surface, as well as further variable and fixed stop- and clamping options. In addition, the Moveable Square can function as a four-sided table extension, a table setup or a stop bar. Especially in restricted spaces the Moveable Square offers a multitude of combination- and application options.

This component is manufactured of high quality GGG40 ductile cast iron.



280302

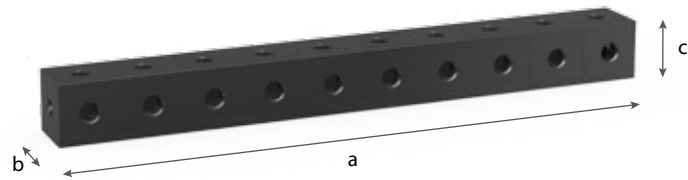


**Moveable Square Cast Iron**  
- Burnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
500 mm	100 mm	100 mm	15,80 kg	2-280302 ●

● = Stock item / ○ = Item is made to order

## Clamping Rail



### Description:

Clamping Rail, especially compact clamping tool, used as a versatile connection element. The bore holes are spaced 100 mm apart.







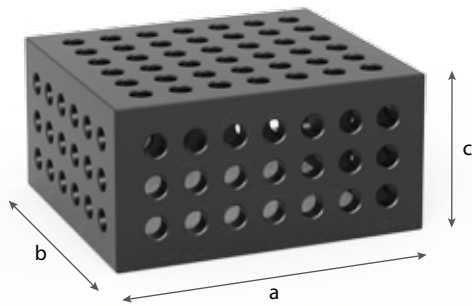
	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Clamping Rail 1000</b> - Nitrided	1000 mm	100 mm	100 mm	approx. 48 kg	2-280303.P ○
<b>Clamping Rail 2000</b> - Nitrided	2000 mm	100 mm	100 mm	approx. 95 kg	2-280303.1.P ○
<b>Clamping Rail 3000</b> - Nitrided	3000 mm	100 mm	100 mm	approx. 141 kg	2-280303.2.P ○

● = Stock item / ○ = Item is made to order

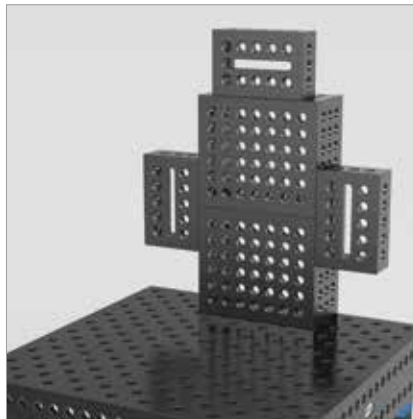
## Clamping Block

### Description:

In addition to the large variety of U- and L-Squares we developed the clamping cube. With its 50 mm borehole grid, it facilitates maximum flexibility.



280285.P



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Clamping Block 400x350x200</b> - five-sided - Plasma nitrided	400 mm	350 mm	200 mm	25 mm	60,00 kg	2-280285.P ●

**Additional sizes upon request**

○

MS=Material thickness;

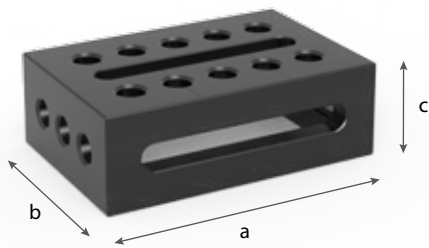
● = Stock item / ○ = Item is made to order

Support and Clamping Frame

**Description:**

Support and Clamping Frame, serves as a connection for different elements. It can be used as a table extension or console as well. The system bore holes with a 50 mm grid on five sides provide a wide range of combination options. Both fixed and variable stops are possible, as a result of the bore holes and the oblong slots.

This component is manufactured of high quality GGG40 ductile cast iron.



280300



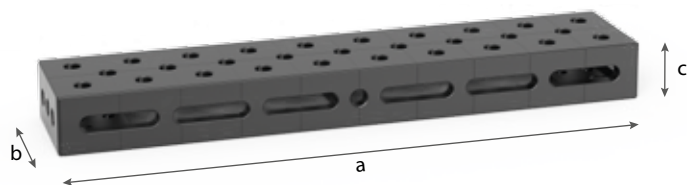
280301



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Support and Clamping Frame, Cast Iron</b> - stop on right - Burnished	300 mm	200 mm	100 mm	19,50 kg	2-280300 ●
<b>Support and Clamping Frame, Cast Iron</b> - stop on left - Burnished	300 mm	200 mm	100 mm	19,50 kg	2-280301 ●

● = Stock item / ○ = Item is made to order

## Square U-Shape 200/100 oblong slot



### Description:

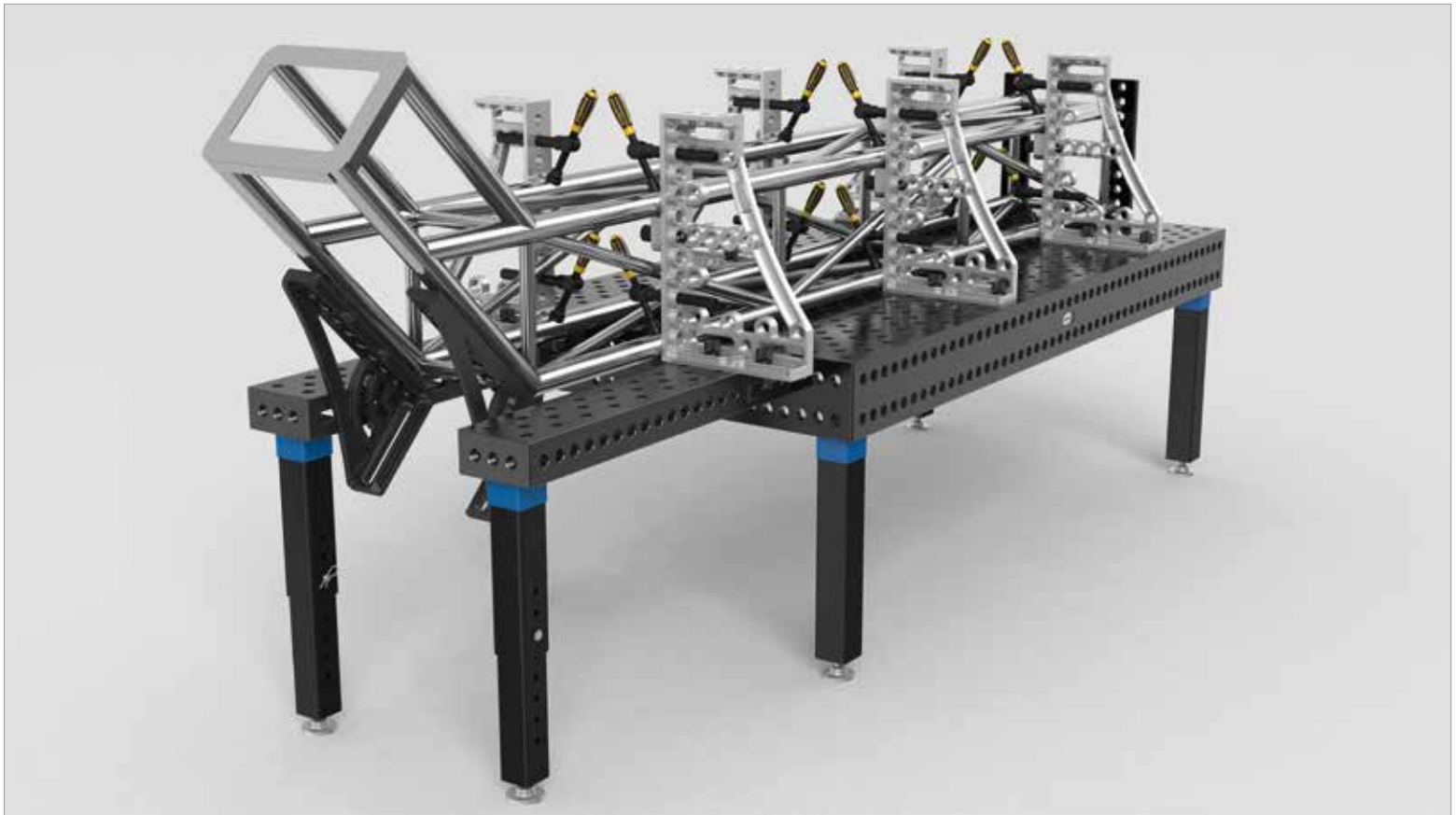
Square U-Shape 200/100 with oblong slot, functions like the U-shaped Square 200/100. It offers additional oblong slots for more flexibility.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

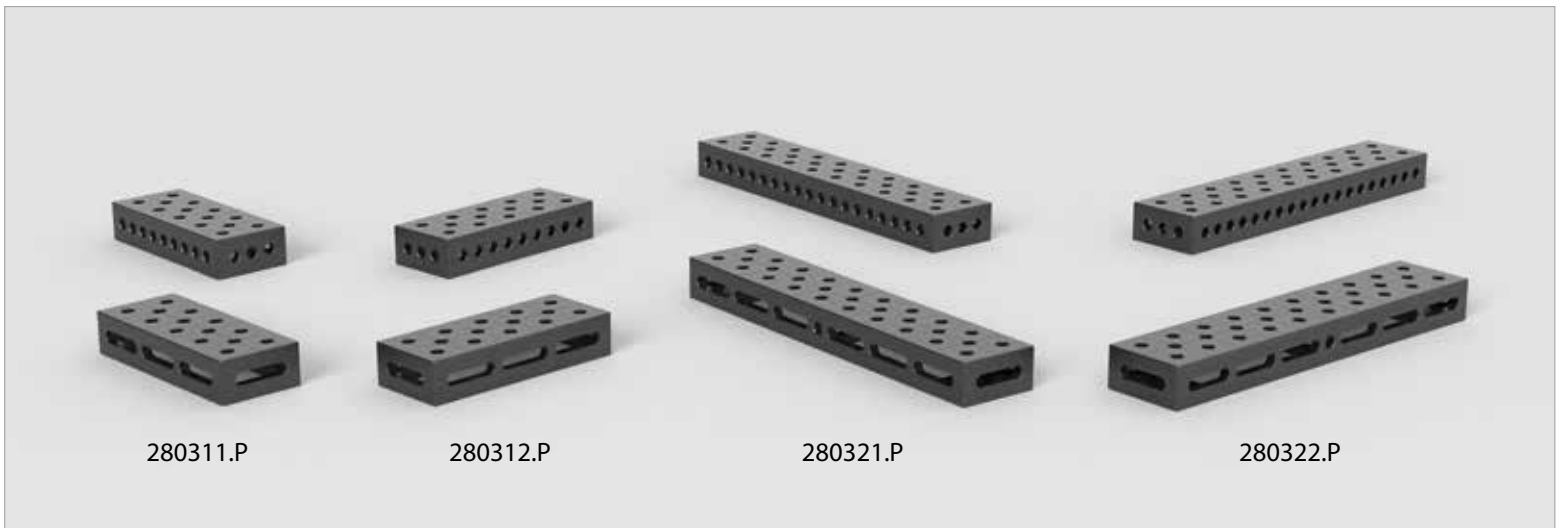






	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 500x200x100 Plasma nitrided oblong slot</b>	500 mm	200 mm	100 mm	approx. 36 kg	2-280311.P ●
<b>Square U-Shape 500x200x100 Plasma nitrided oblong slot</b>	500 mm	200 mm	100 mm	approx. 36 kg	2-280312.P ●
<b>Square U-Shape 1000x200x100 Plasma nitrided oblong slot</b>	1000 mm	200 mm	100 mm	approx. 78 kg	2-280321.P ●
<b>Square U-Shape 1000x200x100 Plasma nitrided oblong slot</b>	1000 mm	200 mm	100 mm	approx. 78 kg	2-280322.P ●

● = Stock item / ○ = Item is made to order



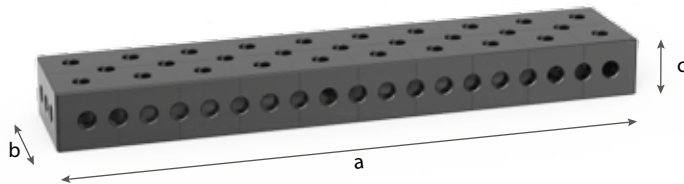
280311.P

280312.P

280321.P

280322.P

## Square U-Shape 200/100



### Description:

Square U-Shape 200/100 (sides 100 mm), ideally suited as a table extension for vertical setups, as well as a sturdy connection between two welding tables. The Square is firmly mounted to the table using Connecting Bolts (Item No. 280560).

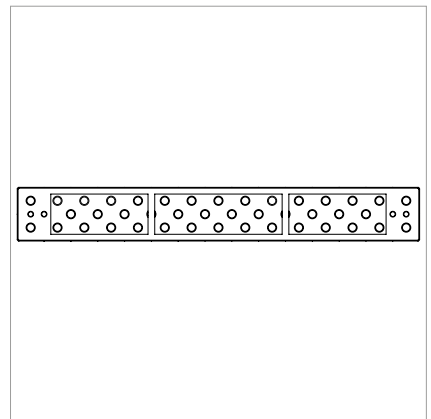
If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

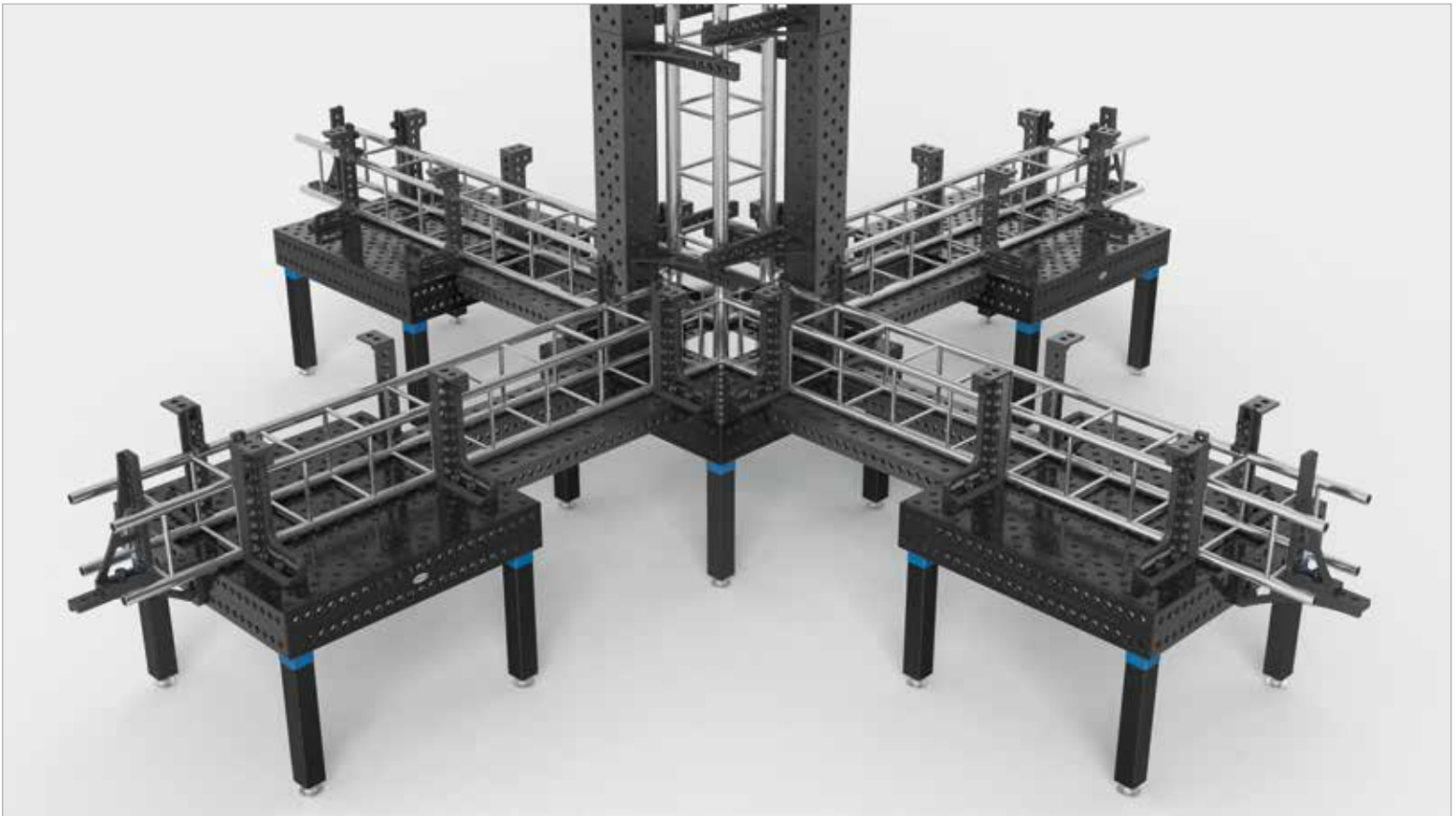
The diagonal hole arrangement enables many clamping- and combination options in connection with other squares and stops.

The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

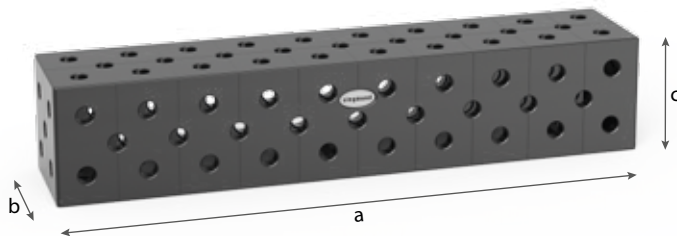




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 500x200x100 Plasma nitrided</b>	500 mm	200 mm	100 mm	approx. 38 kg	2-280310.P ●
<b>Square U-Shape 1000x200x100 Plasma nitrided</b>	1000 mm	200 mm	100 mm	approx. 80 kg	2-280320.P ●
<b>Square U-Shape 1500x200x100 Plasma nitrided</b>	1500 mm	200 mm	100 mm	approx. 115 kg	2-280330.P ●
<b>Square U-Shape 2000x200x100 Plasma nitrided</b>	2000 mm	200 mm	100 mm	approx. 150 kg	2-280340.P ●

● = Stock item / ○ = Item is made to order

## Square U-Shape 200/200



### Description:

Square U-Shape 200/200 (sides 200 mm), ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks are mounted to the table using connector bolts (Item No. 280560).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

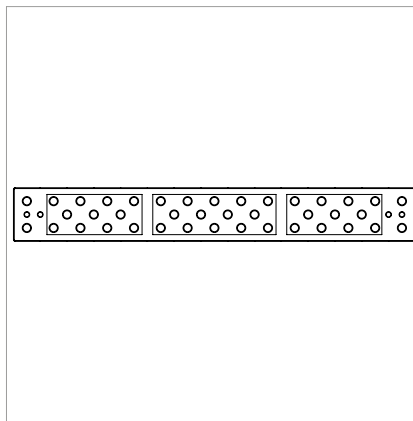
Combined with the legs (Item No. 280376), Riser Blocks can be flexibly used on the foundation rails.

A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

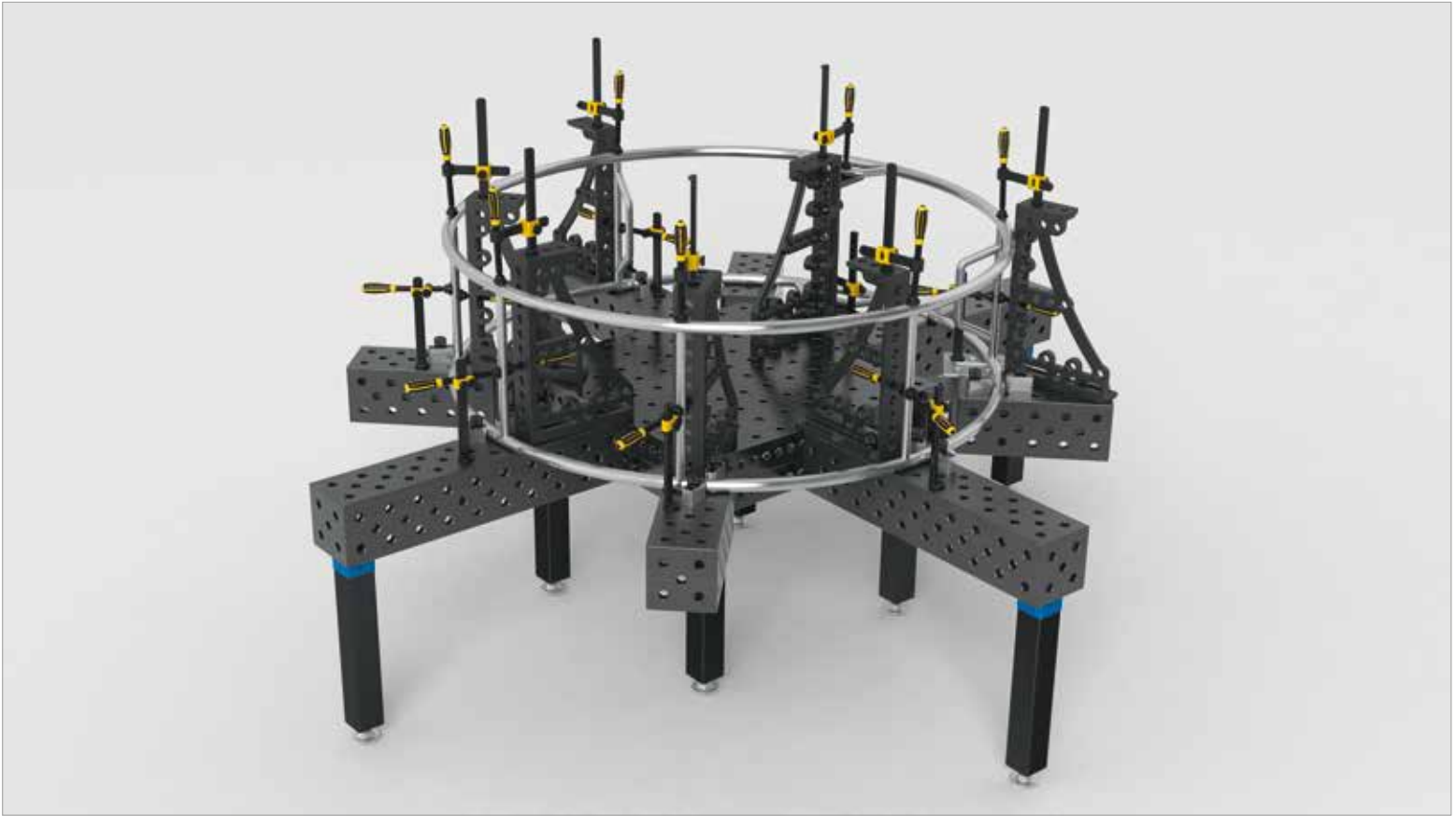
The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



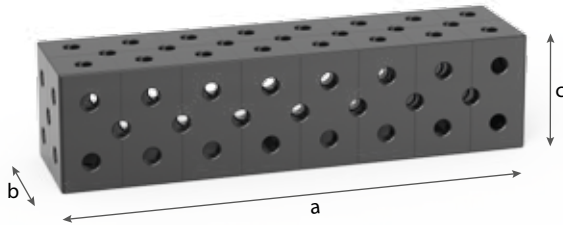




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 200x200x100 Plasma nitrided</b>	100 mm	200 mm	200 mm	approx. 21 kg	2-280396.P ●
<b>Square U-Shape 200x200x200 Plasma nitrided</b>	200 mm	200 mm	200 mm	approx. 32 kg	2-280396.1.P ●
<b>Square U-Shape 500x200x200 Plasma nitrided</b>	500 mm	200 mm	200 mm	approx. 68 kg	2-280360.P ●
<b>Square U-Shape 1000x200x200 Plasma nitrided</b>	1000 mm	200 mm	200 mm	approx. 130 kg	2-280370.P ●
<b>Square U-Shape 1500x200x200 Plasma nitrided</b>	1500 mm	200 mm	200 mm	approx. 190 kg	2-280380.P ●
<b>Square U-Shape 2000x200x200 Plasma nitrided</b>	2000 mm	200 mm	200 mm	approx. 245 kg	2-280390.P ●
<b>Square U-Shape 2400x200x200 Plasma nitrided</b>	2400 mm	200 mm	200 mm	approx. 290 kg	2-280391.P ●
<b>Square U-Shape 3000x200x200 Plasma nitrided</b>	3000 mm	200 mm	200 mm	approx. 365 kg	2-280392.P ●
<b>Square U-Shape 4000x200x200 Plasma nitrided</b>	4000 mm	200 mm	200 mm	approx. 480 kg	2-280394.P ●

● = Stock item / ○ = Item is made to order

## Square U-Shape 200/200 special size



### Description:

Square U-Shape 200/200 (sides 200 mm), ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks are mounted to the table using connector bolts (Item No. 280560).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

Combined with the legs (Item No. 280376), Riser Blocks can be flexibly used on the foundation rails.

A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

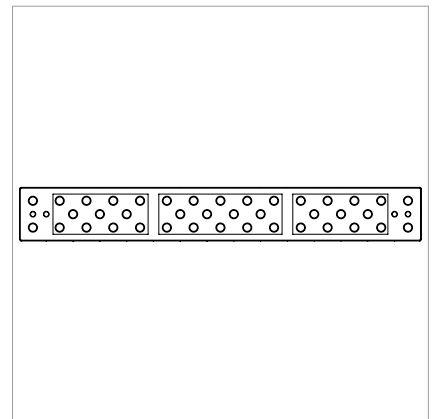
The 100x100 mm grid simplifies orientation.

### Discount:

- starting at 5 pieces: 5 %
- starting at 10 pieces: 10 %
- starting at 20 pieces: 15 %

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

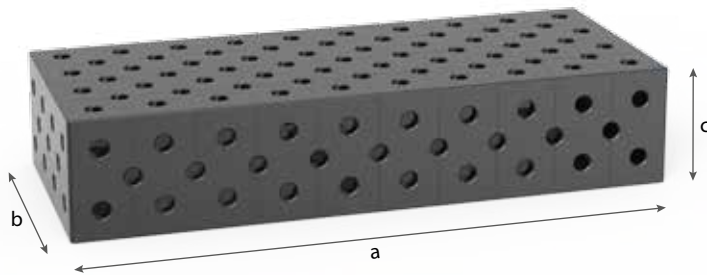




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 600x200x200 Plasma nitrided</b>	600 mm	200 mm	200 mm	approx. 80 kg	2-280362.P ○
<b>Square U-Shape 800x200x200 Plasma nitrided</b>	800 mm	200 mm	200 mm	approx. 110 kg	2-280366.P ○
<b>Square U-Shape 1200x200x200 Plasma nitrided</b>	1200 mm	200 mm	200 mm	approx. 145 kg	2-280374.P ○
<b>Square U-Shape 1400x200x200 Plasma nitrided</b>	1400 mm	200 mm	200 mm	approx. 180 kg	2-280378.P ○
<b>Square U-Shape 1600x200x200 Plasma nitrided</b>	1600 mm	200 mm	200 mm	approx. 200 kg	2-280382.P ○
<b>Square U-Shape 1800x200x200 Plasma nitrided</b>	1800 mm	200 mm	200 mm	approx. 225 kg	2-280386.P ○
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

## Square U-Shape 400/200



### Description:

Square U-Shape 400/200 (sides 200 mm), is ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks should only be joined to the table using connector bolts (Item No. 280560).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

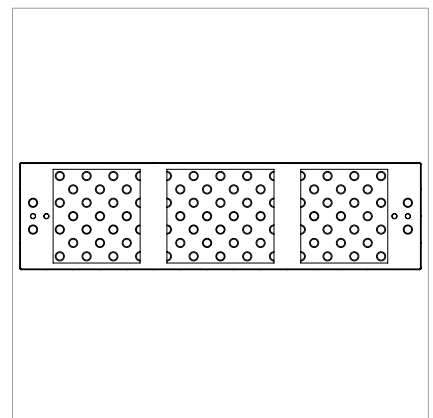
Combined with the legs (Item No. 280371), Riser Blocks can be flexibly used on the foundation rails.

A multitude of clamping- and connection options, using different Riser Blocks and Stops, are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



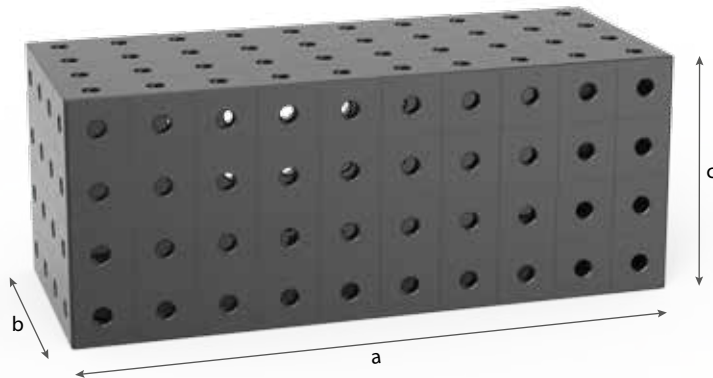




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 500x400x200 Plasma nitrided</b>	500 mm	400 mm	200 mm	approx. 105 kg	2-280360.2.P ●
<b>Square U-Shape 1000x400x200 Plasma nitrided</b>	1000 mm	400 mm	200 mm	approx. 200 kg	2-280370.2.P ●
<b>Square U-Shape 1200x400x200 Plasma nitrided</b>	1200 mm	400 mm	200 mm	approx. 230 kg	2-280374.2.P ○
<b>Square U-Shape 1500x400x200 Plasma nitrided</b>	1500 mm	400 mm	200 mm	approx. 285 kg	2-280380.2.P ●
<b>Square U-Shape 2000x400x200 Plasma nitrided</b>	2000 mm	400 mm	200 mm	approx. 370 kg	2-280390.2.P ●
<b>Square U-Shape 2400x400x200 Plasma nitrided</b>	2400 mm	400 mm	200 mm	approx. 430 kg	2-280391.2.P ○
<b>Square U-Shape 3000x400x200 Plasma nitrided</b>	3000 mm	400 mm	200 mm	approx. 535 kg	2-280392.2.P ●
<b>Square U-Shape 4000x400x200 Plasma nitrided</b>	4000 mm	400 mm	200 mm	approx. 700 kg	2-280394.2.P ○

● = Stock item / ○ = Item is made to order

## Square U-Shape 400/400



### Description:

Square U-Shape 400/400 (sides 400 mm), for working with superstructures and heavy work pieces. Riser Blocks are firmly screwed by using connector bolts (Item No. 280560).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

Combined with the legs (Item No. 280371), Riser Blocks can be flexibly used on the foundation rails.

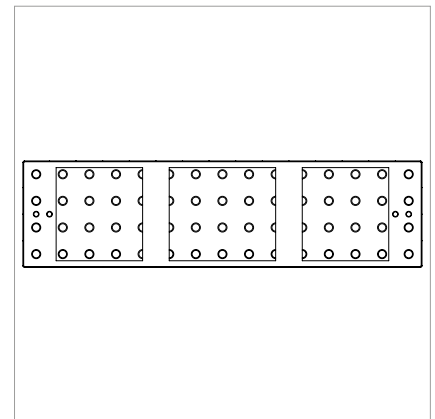
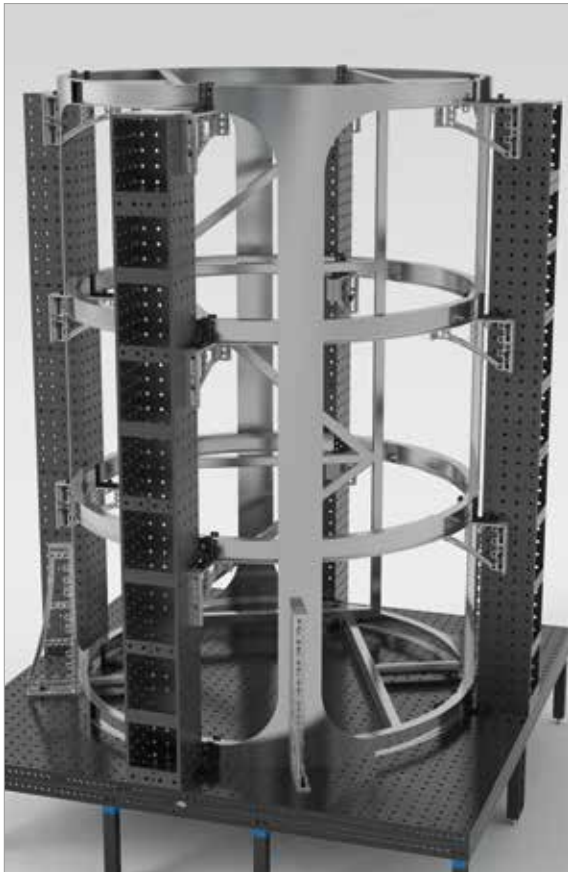
A multitude of clamping- and connection options, using different Riser Blocks and Stops, are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

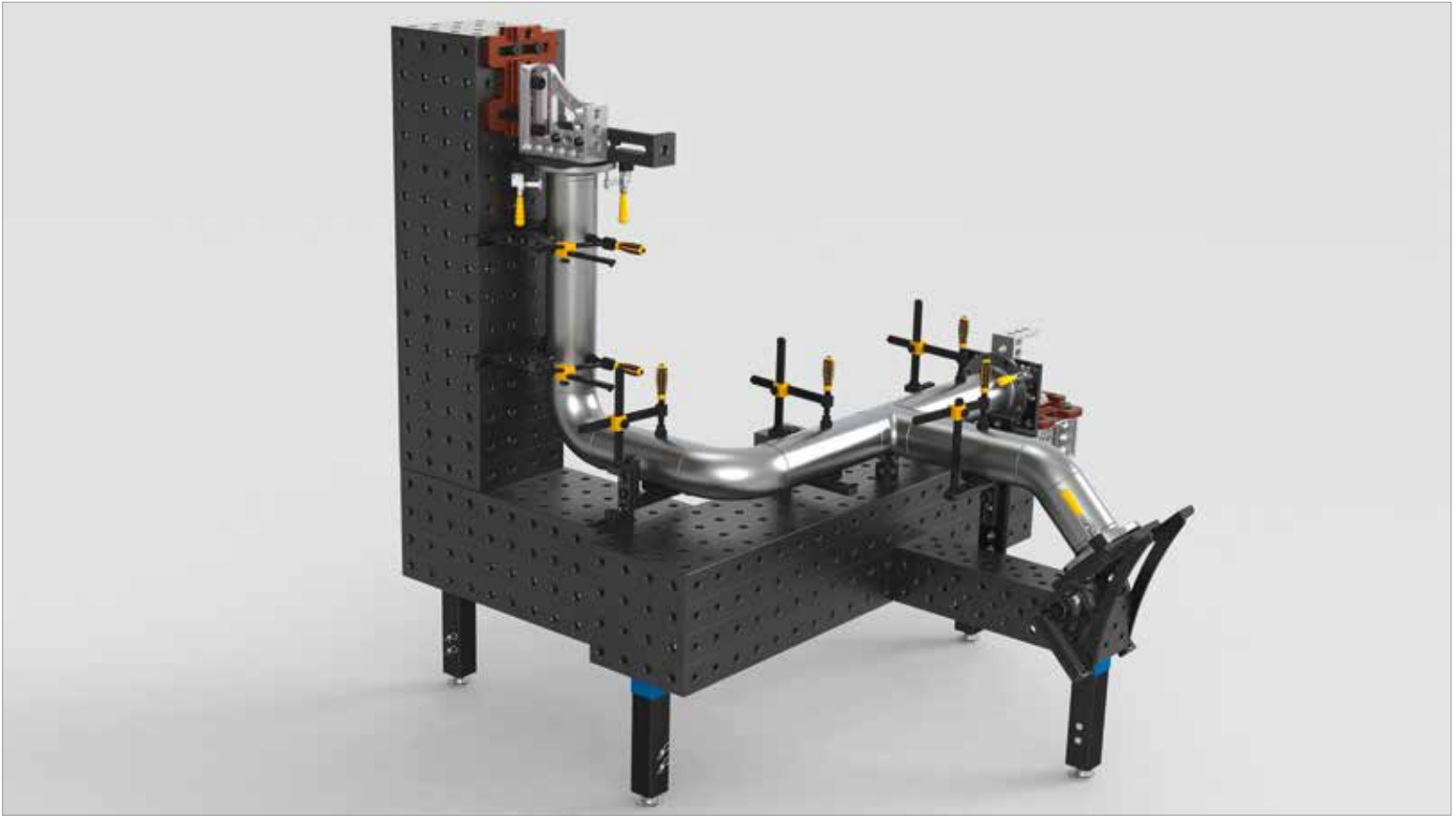
The 100x100 mm grid simplifies orientation.

Diagonal grid upon request.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).





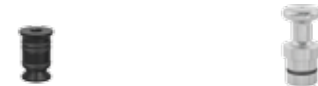
	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 500x400x400 Plasma nitrided</b>	500 mm	400 mm	400 mm	approx. 180 kg	2-280360.3.P ○
<b>Square U-Shape 1000x400x400 Plasma nitrided</b>	1000 mm	400 mm	400 mm	approx. 325 kg	2-280370.3.P ●
<b>Square U-Shape 1200x400x400 Plasma nitrided</b>	1200 mm	400 mm	400 mm	approx. 375 kg	2-280374.3.P ○
<b>Square U-Shape 1500x400x400 Plasma nitrided</b>	1500 mm	400 mm	400 mm	approx. 455 kg	2-280380.3.P ○
<b>Square U-Shape 2000x400x400 Plasma nitrided</b>	2000 mm	400 mm	400 mm	approx. 585 kg	2-280390.3.P ●
<b>Square U-Shape 2400x400x400 Plasma nitrided</b>	2400 mm	400 mm	400 mm	approx. 685 kg	2-280391.3.P ○
<b>Square U-Shape 3000x400x400 Plasma nitrided</b>	3000 mm	400 mm	400 mm	approx. 585 kg	2-280392.3.P ●
<b>Square U-Shape 4000x400x400 Plasma nitrided</b>	4000 mm	400 mm	400 mm	approx. 1100 kg	2-280394.3.P ●

● = Stock item / ○ = Item is made to order



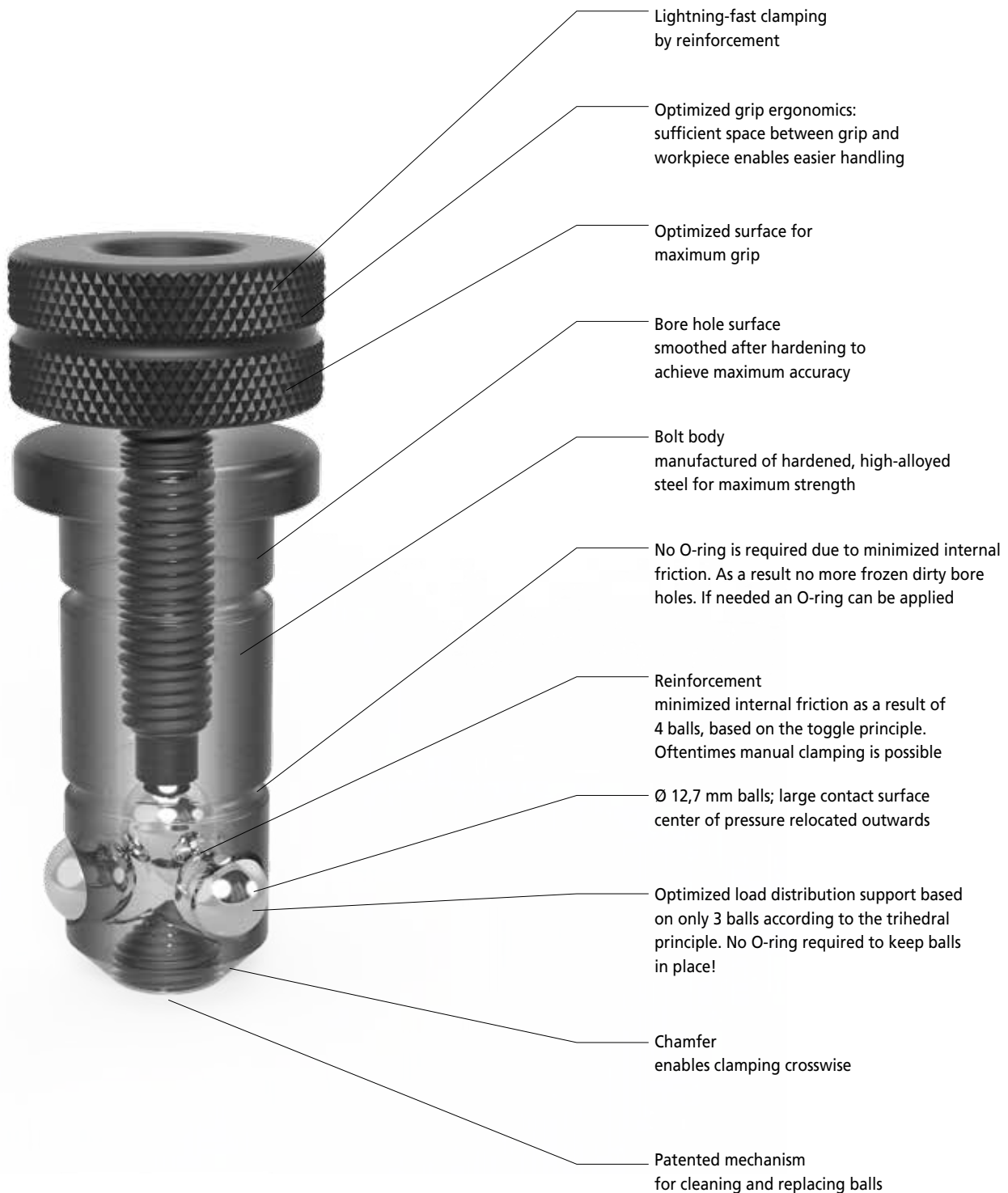


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## Lightning-fast and optimized

DUE TO ITS WELL-ENGINEERED MECHANISM IT CAN BE FIXED AND RELEASED BY HAND WITHIN SECONDS.



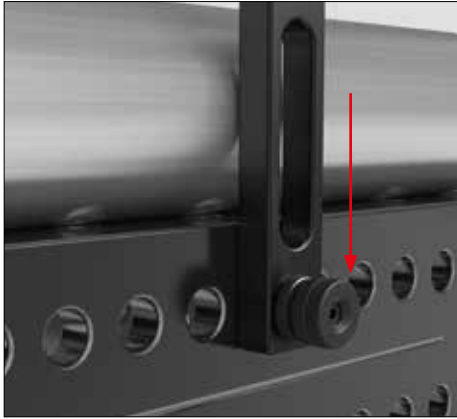


#### TIGHTENING TORQUE (AM)

The tightening torque is the force required to fasten the bolt using a torque wrench. In order to achieve maximum clamping force, the tightening torque should not exceed the recommended guideline.

The bolt was designed to only require a low torque to reach maximum clamping force, thereby enabling simple manual clamping.

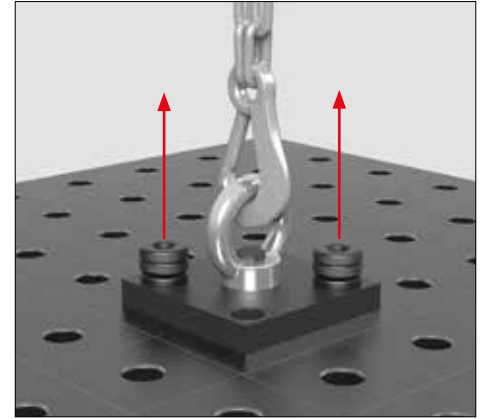
Max. AM of 280510:  $\leq 25$  Nm



#### SHEARING FORCE (SK)

The shearing force is the force which reacts laterally to the cross-sectional area of the bolt.

Max. SK of 280510:  $\leq 220$  kN



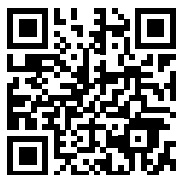
#### TENSILE FORCE (ZK)

The tensile force is the force created when pulling on fixed bolts.

Max. ZK of 280510:  $\leq 25$  kN

You can also find the product video on:

[www.siegmund.com/V280510](http://www.siegmund.com/V280510)

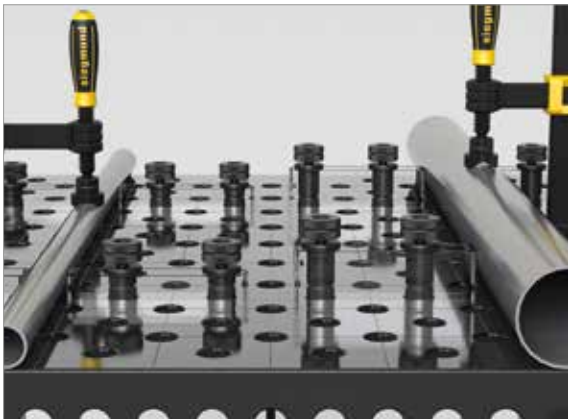


## Fast Clamping Bolt



280510

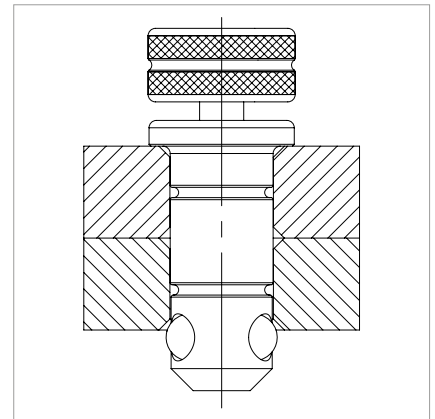
280512



### Description:

Burnished Fast Clamping Bolt with twistlock, perfect connecting element between Siegmund components. It features especially large balls, which protect the bevel of the bore holes as a result of low surface pressure. The fourth ball located in the center, reduces internal friction and strengthens the power of the handwheel. The new design of the bolt is not equipped with O-rings, but it still is easy to clean.

This Bolt is NOT approved for combining tables and U-shaped squares!



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Fast Clamping Bolt short</b> - for clamping 2 components - Burnished	95 mm	28 mm	0,54 kg	220,00 kN	25,00 Nm	25,00 kN	2-280510 ●
<b>Fast Clamping Bolt long</b> - for clamping 3 components - Burnished	120 mm	28 mm	0,65 kg	220,00 kN	25,00 Nm	25,00 kN	2-280512 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order



Universal Bolt, Comfort



280532

280533

**Description:**

Burnished Universal Bolt (locking bolt), perfect connection element for Siegmund elements. It is used when elements of different material thickness are being interconnected. The clamping range of the short Universal Bolt is 45 to 53 mm. The long Universal Bolt has a clamping range of 70 to 78 mm. The large balls shift the center of pressure towards the outside, and prevent a displacement of the material due to low surface pressure, when there are high clamping forces in the direction of the bore hole.

The Universal Bolt is clamped with the integrated handwheel or with a Allen Key 14 (Item No. 280854).

This Bolt is NOT approved for combining tables and U-shaped squares!



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Universal Bolt, Comfort short</b> - for clamping 2 components - Burnished	100 mm	28 mm	0,60 kg	200,00 kN	25,00 Nm	25,00 kN	2-280532 ●
<b>Universal Bolt, Comfort long</b> - for clamping 3 components - Burnished	125 mm	28 mm	0,70 kg	200,00 kN	25,00 Nm	25,00 kN	2-280533 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

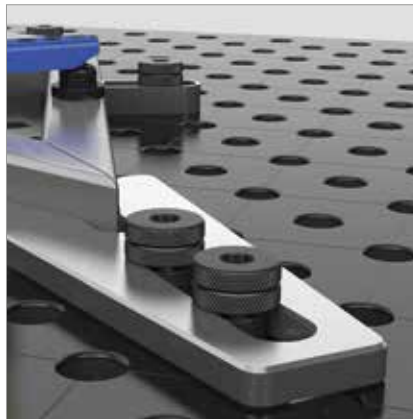
● = Stock item / ○ = Item is made to order

## Universal Bolt Basic



280536

280537



### Description:

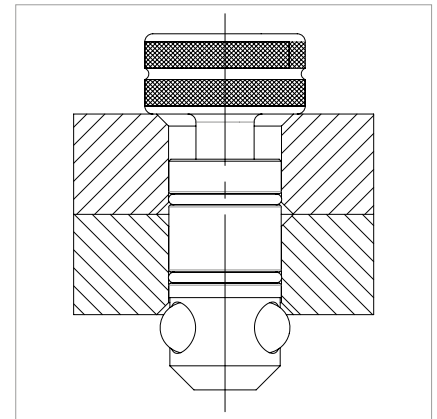
Burnished Universal Bolt Basic, perfect connection element for Siegmund elements. It is used when elements of different material thickness are being interconnected. The clamping range of the Universal Bolt Basic is 42 to 57 mm.

The Universal Bolt Long has a clamping range of 67 to 82 mm. The Universal Bolt Comfort is self centered inside the drillholes by the O-ring. The large balls shift the center of pressure towards the outside, and prevent a displacement of the material due to low surface pressure, when there are high clamping forces in the direction of the bore hole.

The Universal Bolt Comfort is clamped with the integrated handwheel or with an Allen Key 14 (Item No. 280854).

This Bolt is NOT approved for combining tables and U-shaped squares!

The borehole should be cleaned with the brush before using this simple, inexpensive bolt.



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Universal Bolt, Basic short</b> - for clamping 2 components - Burnished	84 mm	28 mm	0,43 kg	200,00 kN	25,00 Nm	25,00 kN	2-280536 ●
<b>Universal Bolt, Basic long</b> - for clamping 3 components - Burnished	108 mm	28 mm	0,55 kg	200,00 kN	25,00 Nm	25,00 kN	2-280537 ○

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

Positioning Bolt

**Description:**

Positioning Bolt, serves as an adjustment tool for squares that only require a clamping bolt for fastening, in order to cost-effectively substitute for a second clamping bolt. In addition, various squares can be formed by spading, e.g. 90° or 45°.

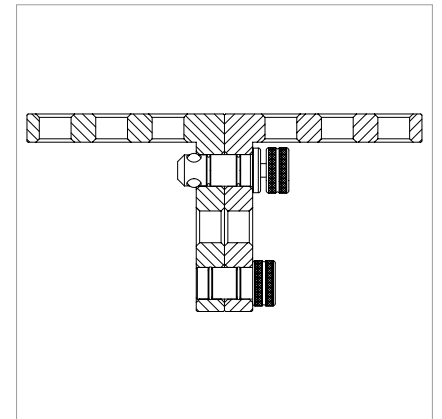
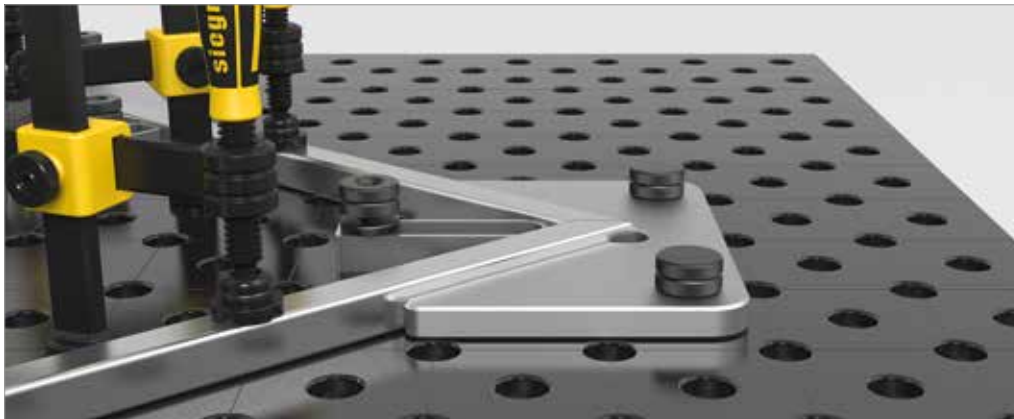
This picture shows an application example of a customer generated template.

This Bolt is NOT approved for combining tables and U-shaped squares!



280540

280541



	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Positioning Bolt</b> - Burnished	70 mm	28 mm	0,40 kg	2-280540 ●
<b>Positioning Bolt</b> - to fix connecting frame on rail	90 mm	28 mm	0,53 kg	2-280541 ○

● = Stock item / ○ = Item is made to order

## Fast Clamping Bolt, flat



280522



280523

### Description:

Flat Burnished Clamping Bolt, mainly used for clamping of oblong holes. Like the countersunk bolt, it reduces protrusion.

This Bolt is NOT approved for combining tables and U-shaped squares!



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Fast Clamping Bolt, flat short</b> - for clamping 2 components - Burnished	74 mm	28 mm	0,36 kg	220,00 kN	25,00 Nm	25,00 kN	2-280522 ●
<b>Fast Clamping Bolt, flat long</b> - for clamping 3 components - Burnished	99 mm	28 mm	0,46 kg	220,00 kN	25,00 Nm	25,00 kN	2-280523 ●
<b>Setscrew for 280522</b> - pack of 10							2-289020 ●
<b>Setscrew for 280523</b> - pack of 10							2-289013 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order



Flush Mount Bolt

**Description:**

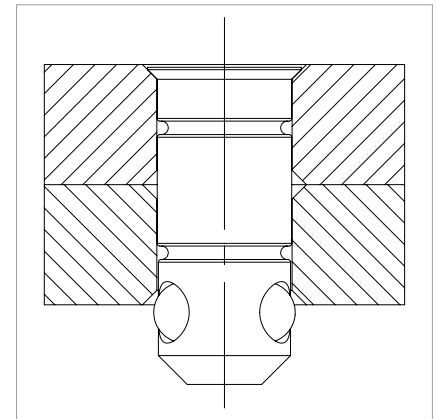
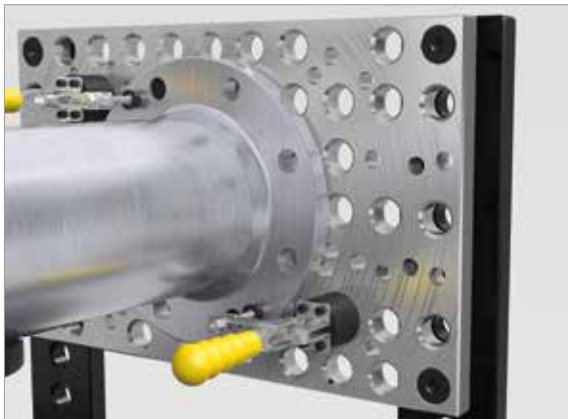
Flush Mount Bolt, used as a hidden connection between Siegmund elements. Its design corresponds with other connecting bolts with four balls. Its head disappears into the bore hole, to make it flush with the clamped component. The Flush Mount Bolt is not suitable for use in oblong slots.

This Bolt is NOT approved for combining tables and U-shaped squares!



280528

280529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Flush Mount Bolt short</b> - for clamping 2 components - Burnished	67 mm	28 mm	0,30 kg	220,00 kN	25,00 Nm	10,00 kN	2-280528 ●
<b>Flush Mount Bolt long</b> - for clamping 3 components - Burnished	91 mm	28 mm	0,41 kg	220,00 kN	25,00 Nm	10,00 kN	2-280529 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

## Connecting Bolt



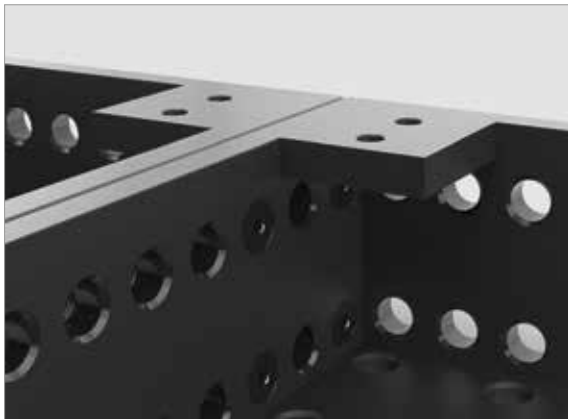
280560



280561



280562

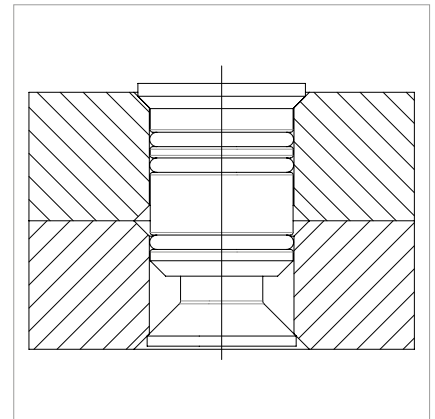


### Description:

Burnished Flushmount Connecting Bolt, especially designed to serve as a fixed long-term connection between large Siegmund components, e.g. tables or U-shaped squares.

The flush mount Allen Key, and the ability of the clamping bolt to center itself, facilitate simple assembly. The countersunk head and the countersunk-head screw are equipped with a 10 hexagonal bit for clamping.

The Connecting Bolt enables sturdy bolting without obstructing, therefore it is perfect for concealed uses. The Connecting Bolt is not suitable for the use in oblong slots.



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Connecting Bolt short</b> - for connecting 2 components - Burnished	50 mm	28 mm	0,12 kg	200,00 kN	25,00 Nm	10,00 kN	2-280560 ●
<b>Connecting Bolt long</b> - for connecting 3 components - Burnished	75 mm	28 mm	0,20 kg	200,00 kN	25,00 Nm	10,00 kN	2-280561 ●
<b>Connecting Bolt long</b> - for connecting 4 components - Burnished	100 mm	28 mm	0,34 kg	200,00 kN	25,00 Nm	10,00 kN	2-280562 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

Connecting Bolt, hexagonal

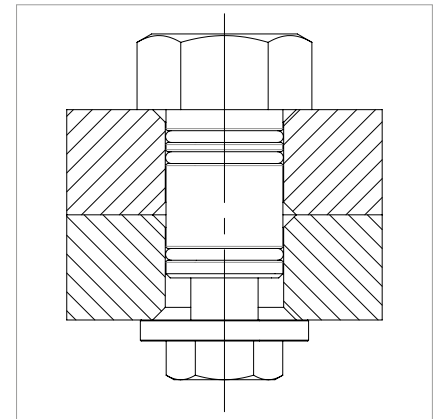
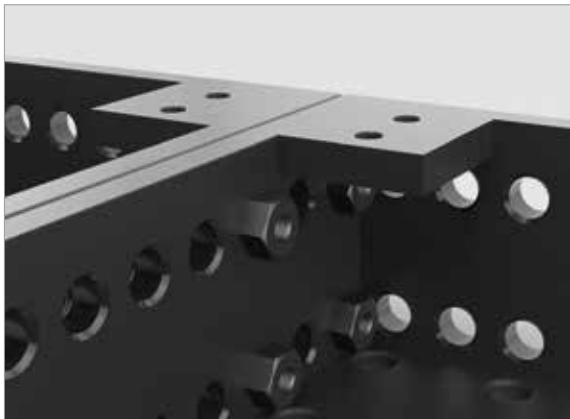
**Description:**

Burnished Connecting Bolt Hexagonal, especially designed as a fixed long term connection for system bore holes. The self-centering clamping bolt simplifies assembly.

The Connecting Bolt is clamped with an Allen Key 36 and 24.



280550.1



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Connecting Bolt, hexagonal short</b> - for connecting 2 components - Burnished	58 mm	28 mm	0,40 kg	200,00 kN	25,00 Nm	20,00 kN	2-280550.1 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

## Spare Parts for Bolts



280510.1



280512.1



280501



280653



289007.10



289009.10



289010.10



289016.10

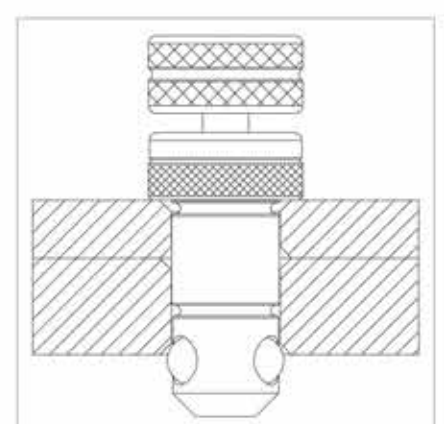
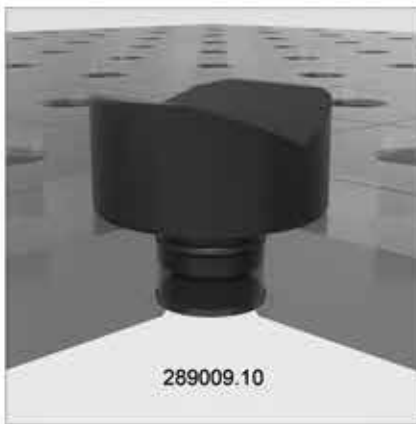
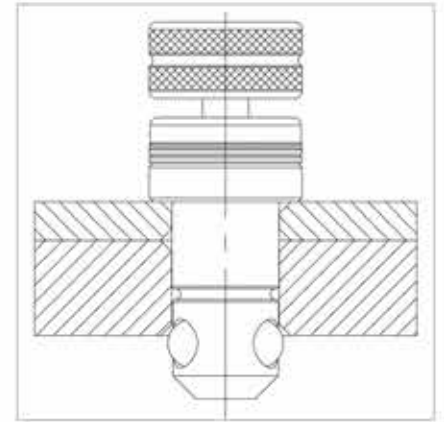


289102

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Threaded Handwheel with Internal Allen Wrench short</b> - Spare part for Fast Clamp Bolt 280510	70 mm		40 mm	0,23 kg	2-280510.1 ●
<b>Threaded Handwheel with Internal Allen Wrench long</b> - Spare part for Fast Clamp Bolt 280512	95 mm		40 mm	0,30 kg	2-280512.1 ●
<b>Washer Packet for Bolts</b> - for all bolts - consisting of: 1x washer 1 mm, 4x washer 2 mm, 1x washer 6 mm, 1x washer 10 mm				0,12 kg	2-280501 ●
<b>Adjusting Ring</b>		10 mm	28 mm	0,05 kg	2-280653 ●
<b>Balls</b> - for system 28 clamping bolts - pack of 10					2-289007.10 ●
<b>O-Ring, inside diameter 22 mm</b> - for system 28 clamping bolts, prisms and positioning bolts - pack of 10					2-289009.10 ●
<b>O-Ring, inside diameter 24 mm</b> - for all system 28 clamping bolts - pack of 10					2-289010.10 ●
<b>O-Ring, inside diameter 31 mm</b> - for system 28 universal bolts comfort - pack of 10					2-289016.10 ●
<b>Spare Parts for Bolts, old Version with O-rings + Balls</b> - 10x 289009, 10x 289007, 10x 289010					2-289102 ●

● = Stock item / ○ = Item is made to order





## Magnetic Clamping Bolt



280740

280740.1

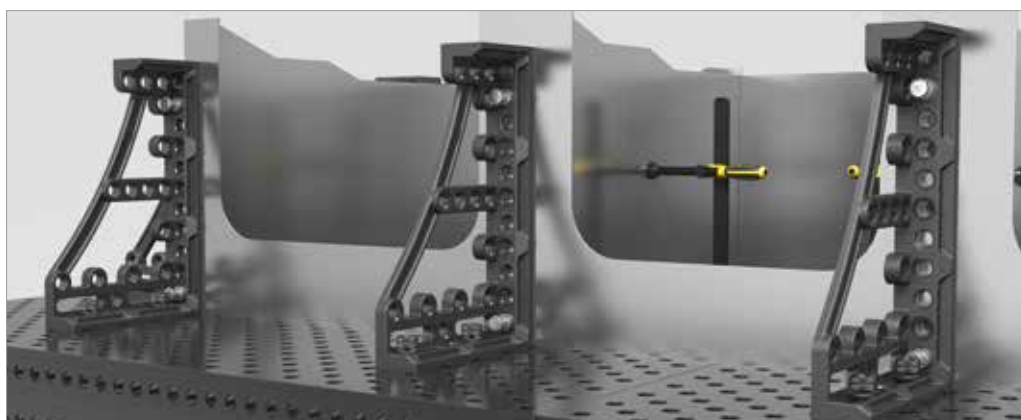


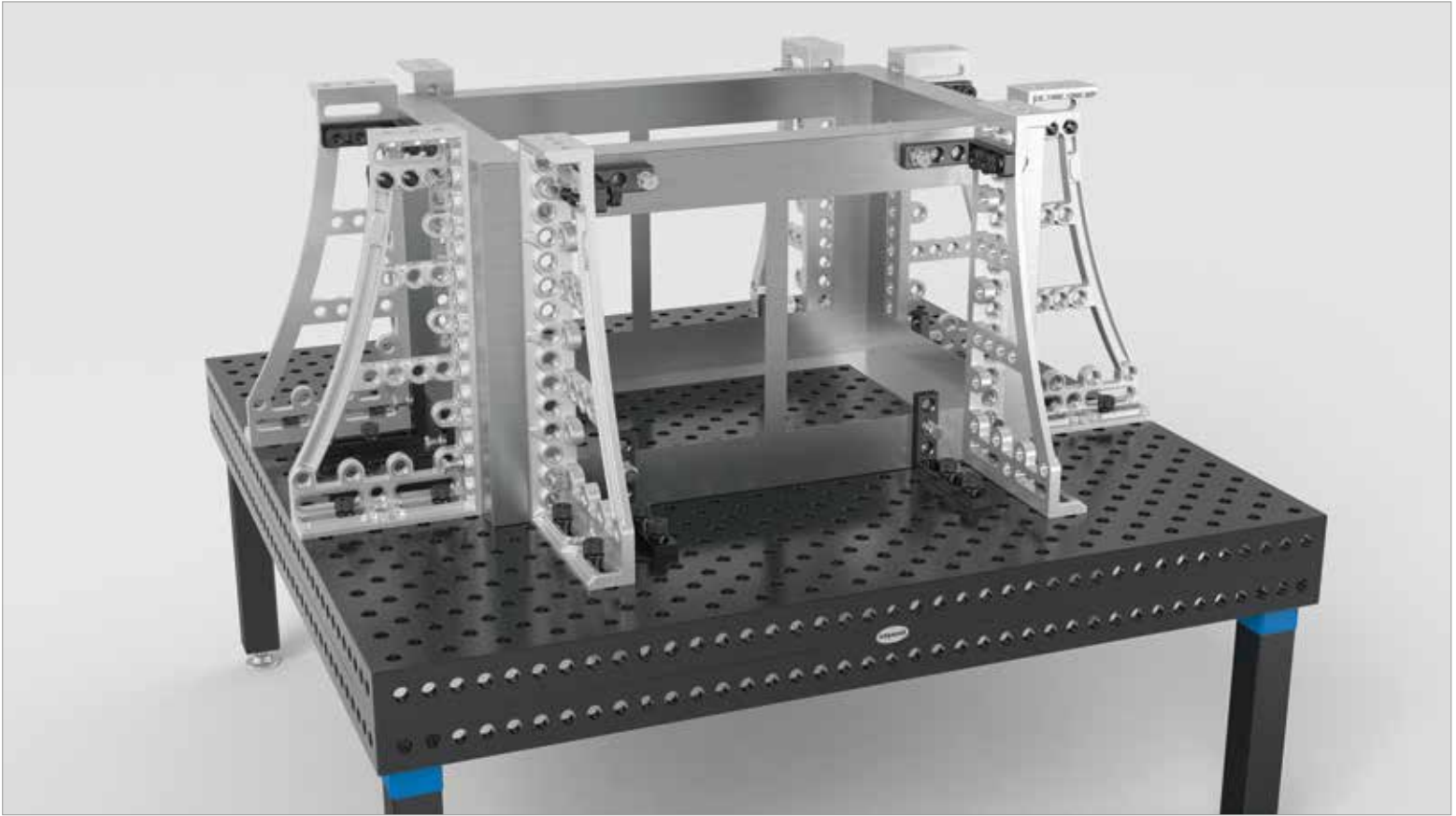
280740.2

280741

### Description:

Magnetical Clamping Bolt, enables fast clamping without bolting or the use of tools. It is preferable for pressure-sensitive parts like thin sheet metal, as well as elements that cannot be resisted, e.g. enclosed sheet metal housing.





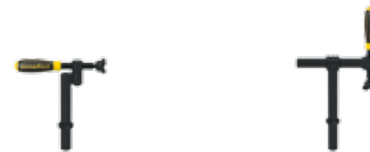
	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Magnetic Clamping Bolt 68</b> - Length of Shaft 25 mm - Aluminum	68 mm		34 mm	0,09 kg	2-280740 ●
<b>Magnetic Clamping Bolt 93</b> - Length of Shaft 50 mm - Aluminum	93 mm		34 mm	0,13 kg	2-280740.1 ●
<b>Magnetic Clamping Bolt 118</b> - Length of Shaft 75 mm - Aluminum	118 mm		34 mm	0,16 kg	2-280740.2 ●
<b>Spacer Ring for magnetic bolt</b>		25 mm	40 mm	0,12 kg	2-280741 ●

● = Stock item / ○ = Item is made to order





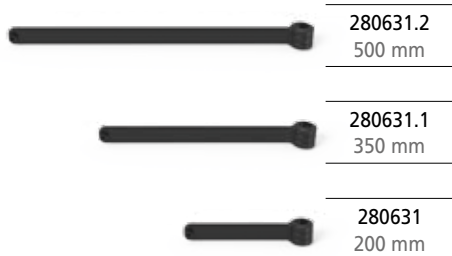
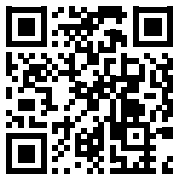
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Clamps	314
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### Clamps & Accessories

You can also find the product video on:

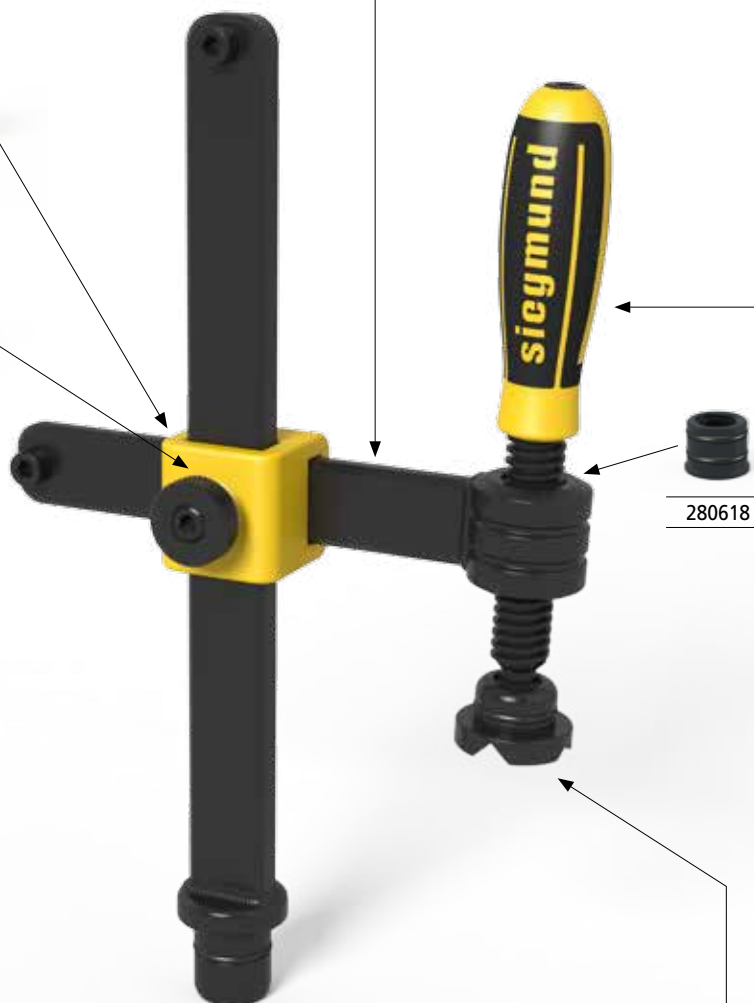
[www.siegmund.com/V280610](http://www.siegmund.com/V280610)



280617



280662



280618



280636.2 170 mm  
280636.1 135 mm  
280636 100 mm



280635.2 170 mm  
280635.1 135 mm  
280635 83 mm



Ø 35	280660	280660.E	280660.P
	Burnished	Stainless Steel	Polyamide



Ø 40	280650	280650.A	280650.P
	Burnished	Aluminum	Polyamide



Ø 40	280657.1	280658	280659
	Burnished	Stainless Steel	Polyamide



280632.2 800 mm  
280632.1 500 mm  
280632 310 mm



280618

280679

280644  
200 mm

280678  
200 mm

280653

280677.3  
800 mm

280677.2  
500 mm

280677.1  
300 mm

280677  
250 mm

280634.2  
170 mm

280634.1  
135 mm

280634  
100 mm

280636.2  
170 mm

280636.1  
135 mm

280636  
100 mm

280635.2  
170 mm

280635.1  
135 mm

280635  
83 mm

Ø 35

280660  
Burnished

280660.E  
Stainless Steel

280660.P  
Polyamide

Ø 40

280650  
Burnished

280650.A  
Aluminum

280650.P  
Polyamide

Ø 40

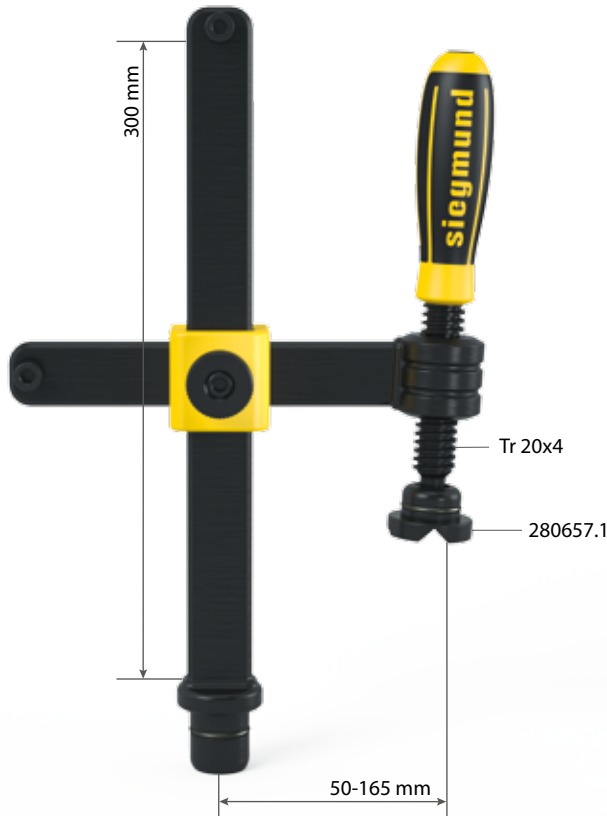
280657.1  
Burnished

280658  
Stainless Steel

280659  
Polyamide

All items pertaining to 280604 can be found on pages 329. Prisms for Screw Clamps on pages 338; 340; 341.

### Professional Screw Clamp



#### Description:

Professional Screw Clamp, enables fast, powerful and exact clamping with a variety of welding elements. Achieve maximum efficiency through time-saving, quick adjustments and effortless disassembly. For individual modification, we offer special lengths of horizontal and vertical bars. The dimensions of the horizontal bar are 30x10 mm. The dimensions of the vertical bar are 30x14 mm. Additionally, the vertical bar is reinforced.

To safely fasten every kind of welding element, the prisms are interchangeable. For suitable prisms, see page 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted within seconds. Due to the hexagonal Allen insert, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque-limiting wrench.



280610



280610.S

#### Standard model

Professional Screw Clamp

maximum load:

5 kN

Weight:

2,70 kg

Item No.

2-280610 ●

Professional Screw Clamp special size

2-280610.S ○

● = Stock item / ○ = Item is made to order





280634	280635	280636	280631	280632	280618	280617	280662
--------	--------	--------	--------	--------	--------	--------	--------

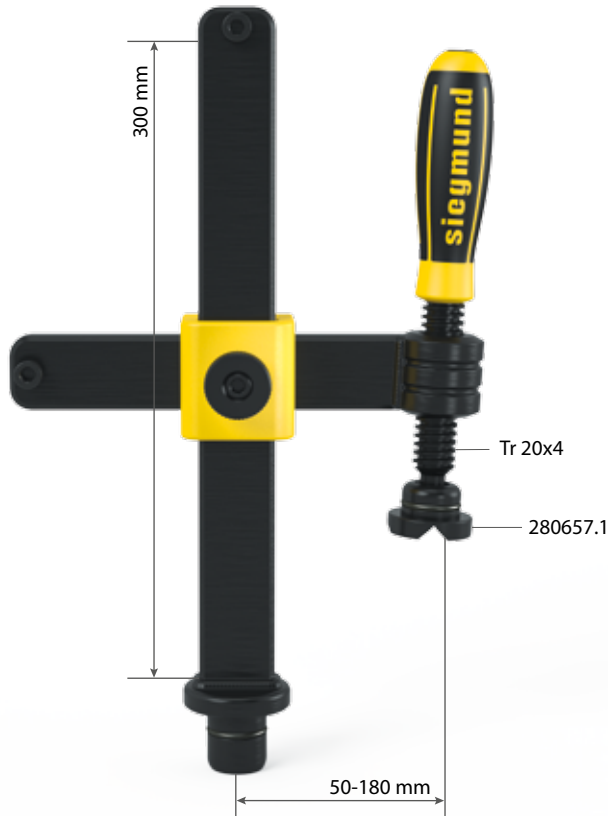
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 100 for 280610, 280612, 280630</b> - standard = 100	100 mm 2-280634 ●	135 mm 2-280634.1 ●	170 mm 2-280634.2 ●	special size 2-280634.S ○
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635 ●	135 mm 2-280635.1 ●	170 mm 2-280635.2 ●	special size 2-280635.S ○
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636 ●	135 mm 2-280636.1 ●	170 mm 2-280636.2 ●	special size 2-280636.S ○
<b>Horizontal Bar for 280610</b> - standard = 200 - without Bushing 280618, please order separately	200 mm 2-280631 ●	350 mm 2-280631.1 ●	500 mm 2-280631.2 ●	special size 2-280631.S ○
<b>Vertical Bar for 280610, 280615</b> - standard = 310 - Vertical Bar reinforced	310 mm 2-280632 ●	500 mm 2-280632.1 ●	800 mm 2-280632.2 ●	special size 2-280632.S ○
<b>Thread Bushing Tr 20x4</b> - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished				2-280618 ●
<b>Cast Iron Cross for 280610, 280611, 280615</b> - without handwheel				45 mm 2-280617 ●
<b>Handwheel for Screw Clamp</b> - for 280610, 280612, 280630, 280750				25 mm 2-280662 ●

● = Stock item / ○ = Item is made to order



### Professional Screw Clamp XL



#### Description:

The Professional Screw Clamp XL was especially designed for tasks that require special effort.

In order to safely fasten all kinds of welding elements with the screw clamp, the prism is interchangeable. For suitable prisms see page 338.

The horizontal and vertical bar is available in various lengths. The dimensions of the flat bar in use are 35x14 mm.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly. Due to the countersunk hexagonal Allen Wrench, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque wrench.



280612



280612.S

#### Standard model

Professional Screw Clamp XL

maximum load:

7 kN

Weight:

3,40 kg

Item No.

2-280612 ●

Professional Screw Clamp XL special size

2-280612.S ○

● = Stock item / ○ = Item is made to order



280634

280635

280636

280638

280639

280618

280617.1

280662

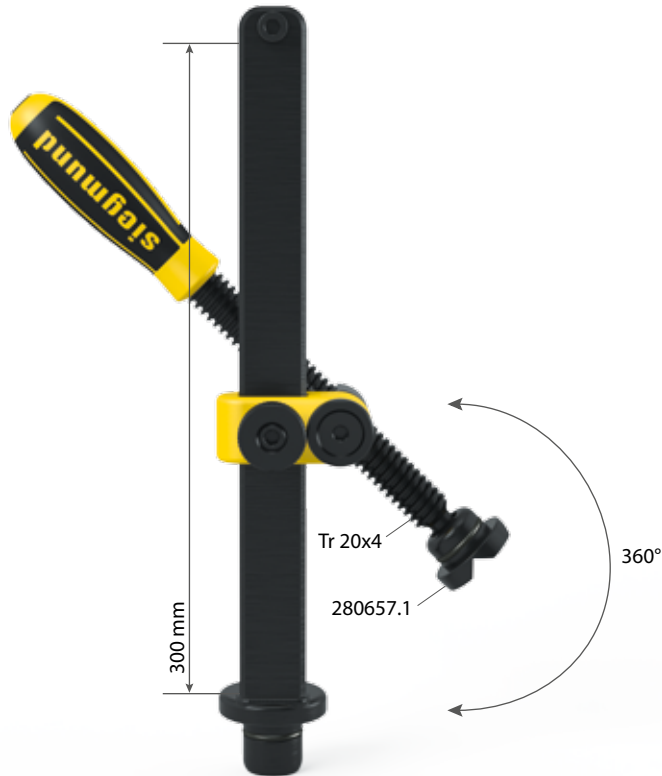
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 100 for 280610, 280612, 280630</b> - standard = 100	100 mm 2-280634 ●	135 mm 2-280634.1 ●	170 mm 2-280634.2 ●	special size 2-280634.S ○
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635 ●	135 mm 2-280635.1 ●	170 mm 2-280635.2 ●	special size 2-280635.S ○
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636 ●	135 mm 2-280636.1 ●	170 mm 2-280636.2 ●	special size 2-280636.S ○
<b>Horizontal Bar 200 for 280612</b> - standard = 200 - without Bushing 280618, please order separately	200 mm 2-280638 ●	350 mm 2-280638.1 ●	500 mm 2-280638.2 ●	special size 2-280638.S ○
<b>Vertical Bar 310 for 280612</b> - standard = 310 - Vertical Bar reinforced	310 mm 2-280639 ●	500 mm 2-280639.1 ●	800 mm 2-280639.2 ●	special size 2-280639.S ○
<b>Thread Bushing Tr 20x4</b> - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished				2-280618 ●
<b>Cast Iron Cross for 280612</b> - without handwheel				52 mm 2-280617.1 ●
<b>Handwheel for Screw Clamp</b> - for 280610, 280612, 280630, 280750				25 mm 2-280662 ●

● = Stock item / ○ = Item is made to order



### Professional Screw Clamp 45°/90°



#### Description:

The Professional Screw Clamp 45°/90° replaces conventional 45° or 90° screw clamps. This Screw Clamp sets new standards because of its infinitely variable rotatability from 0°-360°.

To fasten every kind of welding part with the clamps, the prisms are interchangeable. For suitable prisms see page 338. The dimensions of the flat bar in use are 30x14 mm.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly. Through the countersunk hexagonal Allen Wrench, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque wrench. Additionally, the vertical bar is reinforced.



280630



280630.S

#### Standard model

Professional Screw Clamp 45°/90°

maximum load:

5 kN

Weight:

2,30 kg

Item No.

2-280630 ●

Professional Screw Clamp 45°/90° special size

2-280630.S ○

● = Stock item / ○ = Item is made to order





280634.2      280635.2      280636.2      280633      289108      280617.2      280662      289109

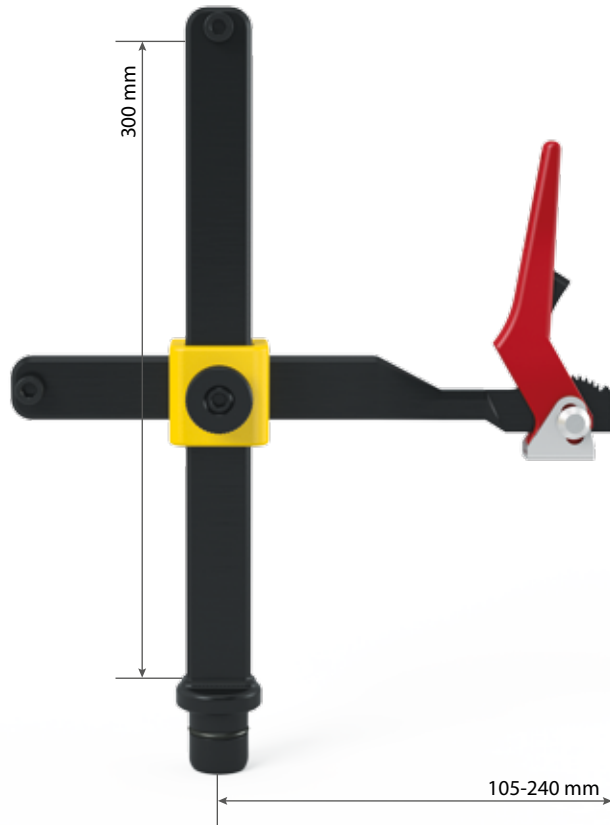
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor for 280610, 280612, 280630</b> - standard = 170	100 mm 2-280634 ●	135 mm 2-280634.1 ●	170 mm 2-280634.2 ●	special size 2-280634.S ○
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635 ●	135 mm 2-280635.1 ●	170 mm 2-280635.2 ●	special size 2-280635.S ○
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636 ●	135 mm 2-280636.1 ●	170 mm 2-280636.2 ●	special size 2-280636.S ○
<b>Vertical Bar 310 for 280630</b> - standard = 310 - Vertical Bar reinforced	310 mm 2-280633 ●	500 mm 2-280633.1 ●	800 mm 2-280633.2 ●	special size 2-280633.S ○
<b>Bushing for Threaded Arbor</b> - spare part for 280630				42 mm 2-289108 ●
<b>Cast Iron Cross for 280630</b> - without handwheel				70 mm 2-280617.2 ●
<b>Handwheel for Screw Clamp</b> - for 280610, 280612, 280630, 280750				25 mm 2-280662 ●
<b>Disc</b> - spare part for 280630 - with countersunk bolt M10x25				10 mm 2-289109 ●

● = Stock item / ○ = Item is made to order



### Professional Fast Tension Clamp



#### Description:

The Professional Fast Tension Ratchet Clamp is used to clamp welding parts quickly and powerfully. The force can be set individually with the grating.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the possibility to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly.



280615



280615.S

#### Standard model

Professional Fast Tension Clamp

maximum load:

5 kN

Weight:

2,00 kg

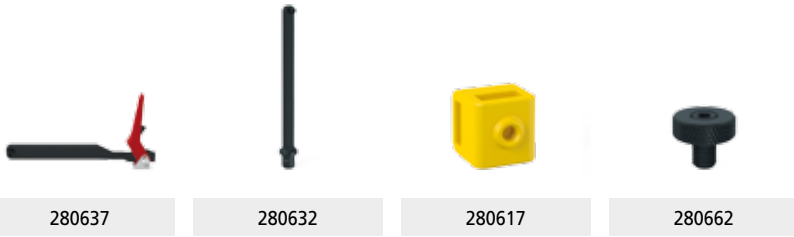
Item No.

2-280615 ●

Professional Fast Tension Clamp special size

2-280615.S ○

● = Stock item / ○ = Item is made to order



**Spare parts, special sizes and parts for a individual configuration**

<b>Horizontal Bar with Fast Clamping Function 200 for 280615</b> - standard = 200	200 mm ● 2-280637	350 mm ● 2-280637.1	500 mm ● 2-280637.2	special size ○ 2-280637.S
<b>Vertical Bar for 280610, 280615</b> - standard = 310 - Vertical Bar reinforced	310 mm ● 2-280632	500 mm ● 2-280632.1	800 mm ● 2-280632.2	special size ○ 2-280632.S
<b>Cast Iron Cross for 280610, 280611, 280615</b> - without handwheel				45 mm ● 2-280617
<b>Handwheel for Screw Clamp</b> - for 280610, 280612, 280630, 280750				25 mm ● 2-280662

● = Stock item / ○ = Item is made to order



## Vertical Round Pipe + Cast Iron Cross



280617.4



280617.6



280642



280653

**Vertical Pipe 310**  
- standard = 300

300 mm ●  
2-280642

500 mm ●  
2-280642.1

800 mm ●  
2-280642.2

special size ○  
2-280642.S

**Adjusting Ring**

2-280653 ●

**Cast Iron Cross**  
- without handwheel

67 mm ●  
2-280617.4

**Cast Iron Cross for 280631, 280642**  
- without handwheel

69 mm ●  
2-280617.6

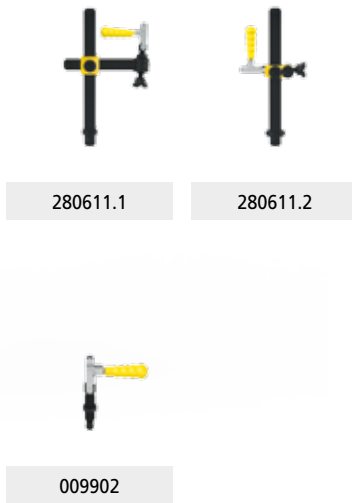
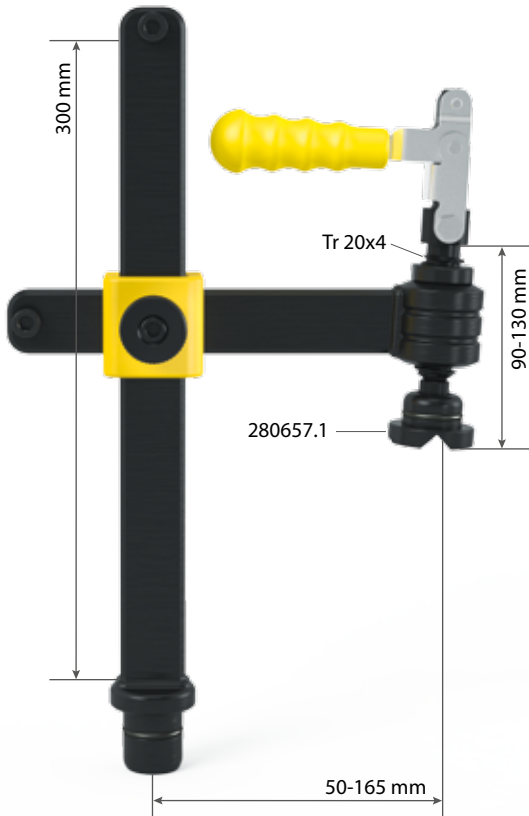
● = Stock item / ○ = Item is made to order



APPLICATION EXAMPLE UPON REQUEST



### Professional Screw Clamp with vertical action toggle



#### Description:

The Professional Screw Clamp with vertical clamp ensures quick and effortless clamping. Maximum clamping stability is achieved as a result of vertical clamping from above. The special feature of this screw clamp is the stronger clamping stroke in comparison to conventional fast tension clamps.

With the new handwheel on the cast iron cross, the height can be adjusted quickly.

Vertical bar is hardened.

To fasten every kind of welding part, the prisms are interchangeable. For suitable prisms, see page 338.



	maximum load	Height: (c)	Weight:	Item No.
<b>Professional Screw Clamp with vertical action toggle</b>	2,5 kN	310 mm	3,30 kg	2-280611.1 ●
<b>Professional Screw Clamp 45°/90° with vertical action toggle</b>	2,5 kN	310 mm	2,20 kg	2-280611.2 ●
<b>Vertical Toggle Clamp</b>		85 mm	0,40 kg	2-009902 ●

● = Stock item / ○ = Item is made to order

Fast Tension Clamp, Standard

**Description:**

Conventional Fast Tension Clamp, enables fast clamping due to its simple and precise mechanism.

The Clamp is available in various sizes.



280616



	Length: (a)	Width: (b)	Weight:	Item No.
Fast Tension Clamp, Standard S20	200 mm	100 mm	1,10 kg	2-280616 ●
Fast Tension Clamp, Standard S25	250 mm	120 mm	1,50 kg	2-280616.1 ●
Fast Tension Clamp, Standard S30	300 mm	140 mm	2,30 kg	2-280616.2 ●
Fast Tension Clamp, Standard S40	400 mm	120 mm	2,50 kg	2-280616.3 ●

● = Stock item / ○ = Item is made to order

### Basic Pipe Clamp Universal

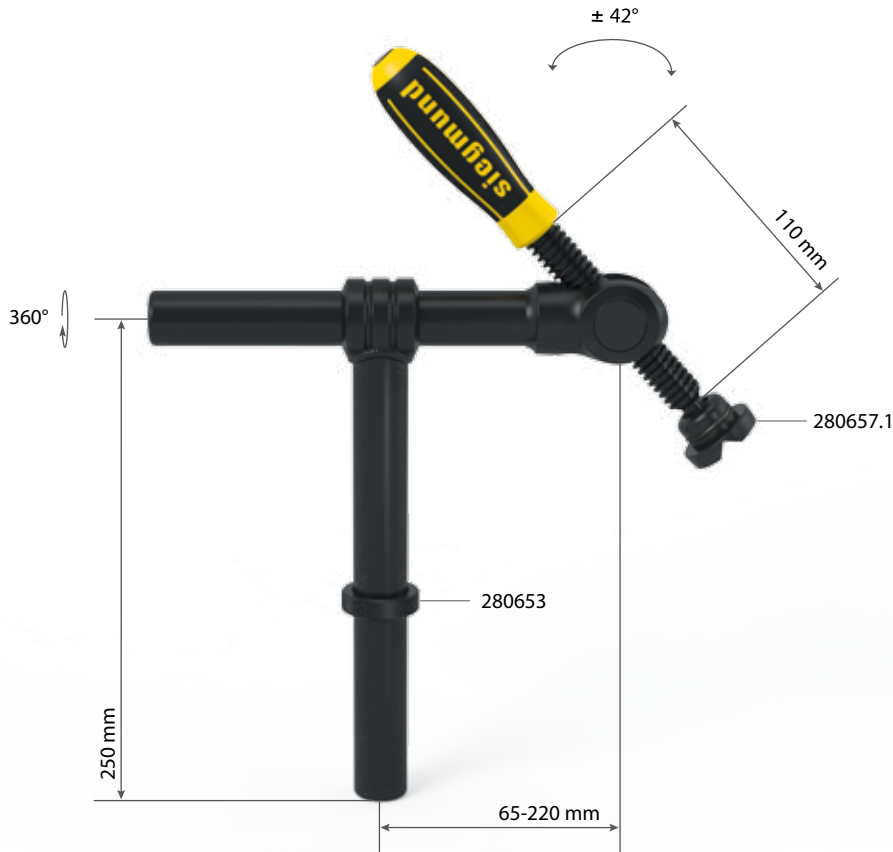
#### Description:

Basic Pipe Clamp Universal, with swiveling Arbor enables flexible clamping at a +/- 42 degree angle. This Pipe Clamp combines the advantages of conventional 45° or 90° clamps. It can be used at an angle as well as straight, resulting in additional clamping options and a more variable clamping range.

The horizontal round tube with a length of 200 mm is fully adjustable and creates, combined with the swiveling arbor, a variable clamping range. The length of the vertical pipe is 250 mm. To safely fasten different welding parts, the prisms are interchangeable.

For compatible prisms, see page 338. A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually.

To integrate the vertical pipe into the system bore holes, an adjusting ring is used (Item No. 280653). As a standard feature, the Round Pipe Clamp Universal is equipped with a 135 mm threaded arbor.



280604



280604.S

#### Standard model

Basic Pipe Clamp Universal

maximum load:

3 kN

Weight:

2,30 kg

Item No.

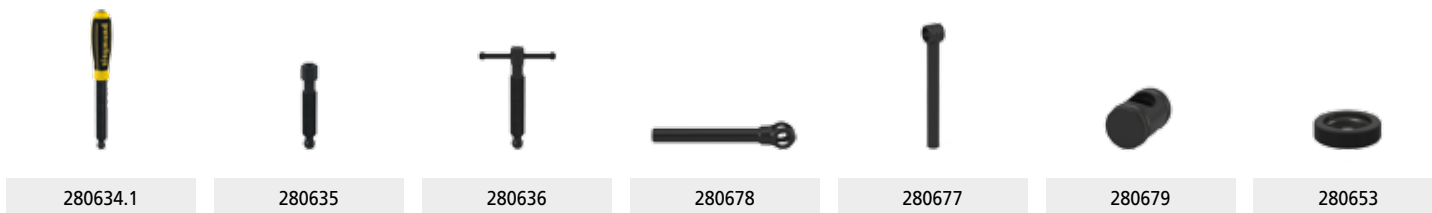
2-280604 ●

Basic Pipe Clamp Universal special size

2-280604.S ○

● = Stock item / ○ = Item is made to order

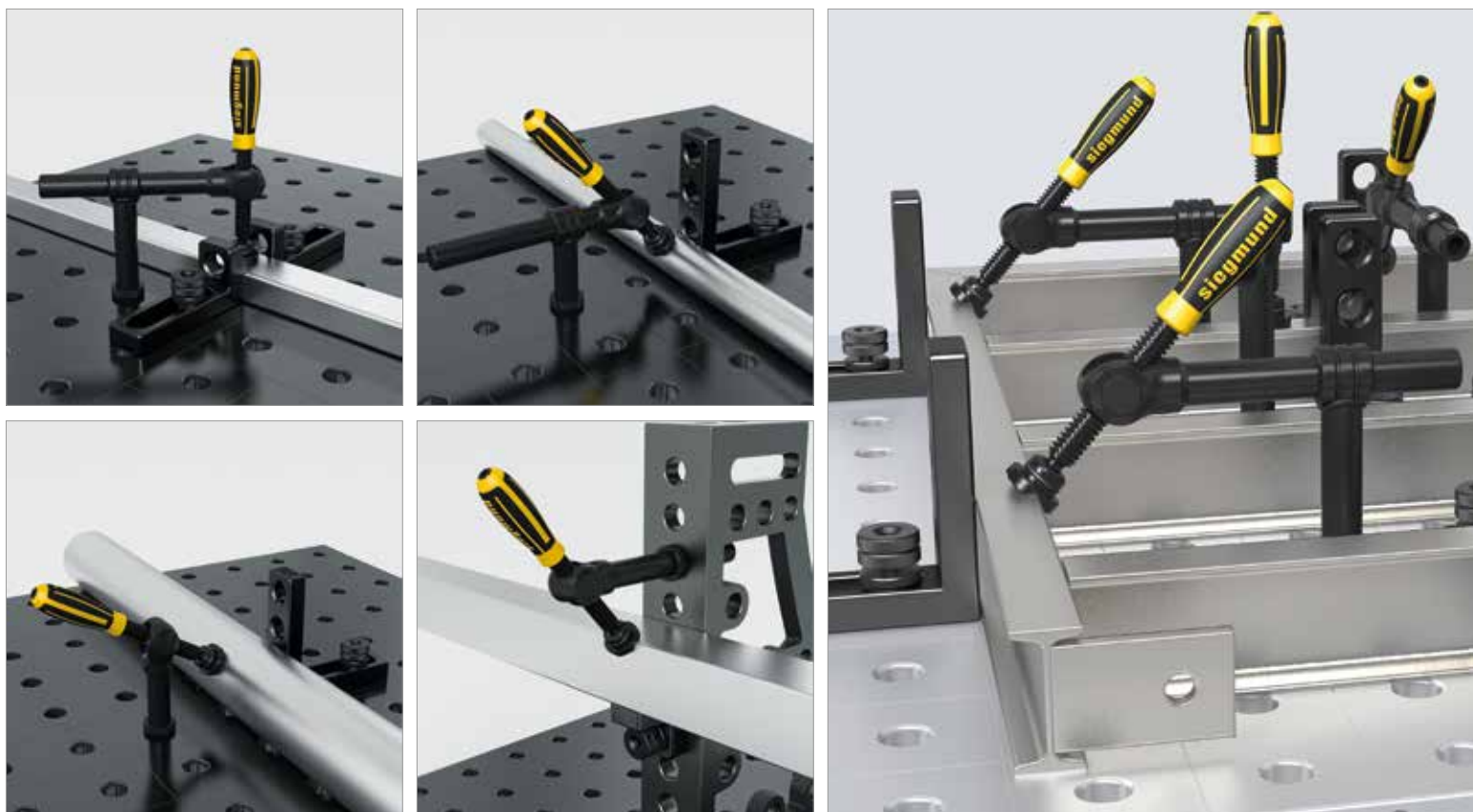




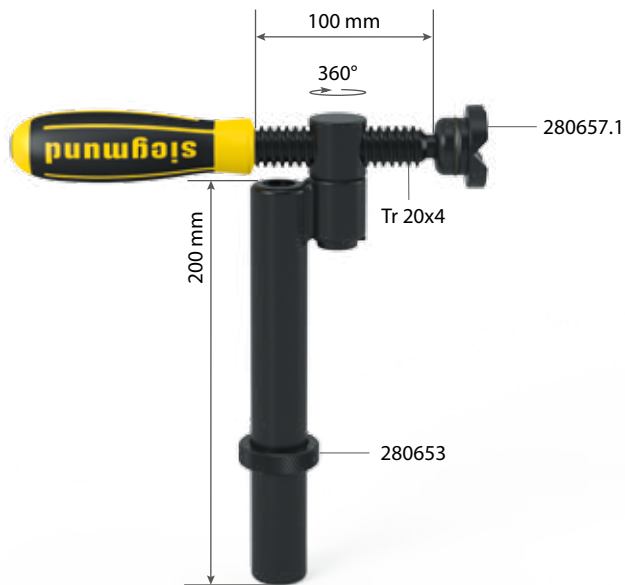
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 100 for 280610, 280612, 280630</b> - standard = 135	100 mm 2-280634 ●	135 mm 2-280634.1 ●	170 mm 2-280634.2 ●	special size 2-280634.S ○	
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635 ●	135 mm 2-280635.1 ●	170 mm 2-280635.2 ●	special size 2-280635.S ○	
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636 ●	135 mm 2-280636.1 ●	170 mm 2-280636.2 ●	special size 2-280636.S ○	
<b>Horizontal Round Pipe 200 for 280604</b> - standard = 200			200 mm 2-280678 ●	special size 2-280678.S ○	
<b>Vertical Round Pipe 250 for 280604, 280625</b> - standard = 250 - can also be used as a horizontal brace.	250 mm 2-280677 ●	300 mm 2-280677.1 ●	500 mm 2-280677.2 ●	800 mm 2-280677.3 ●	special size 2-280677.S ○
<b>Arbor Thread</b> - spare part for 280604				42 mm 2-280679 ●	
<b>Adjusting Ring</b>				2-280653 ●	

● = Stock item / ○ = Item is made to order



### Basic Pipe Clamp 90°



#### Description:

Round Tube Clamp 90°, enables precise and powerful clamping of components at a 90 degree angle relative to the system bore holes. The clamp can be smoothly rotated by 360°, therefore allowing free positioning.

To safely fasten different welding elements, the prisms are interchangeable. For compatible prisms see 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts separately.

To integrate the vertical pipe into the system bore holes, an adjusting ring is used (Item No. 280653).



280608



280608.S

#### Standard model

Basic Pipe Clamp 90°

maximum load:

3 kN

Weight:

1,40 kg

Item No.

2-280608 ●

Basic Pipe Clamp 90° special size

1,40 kg

2-280608.S ○

● = Stock item / ○ = Item is made to order



280634

280635

280636

280676

280653

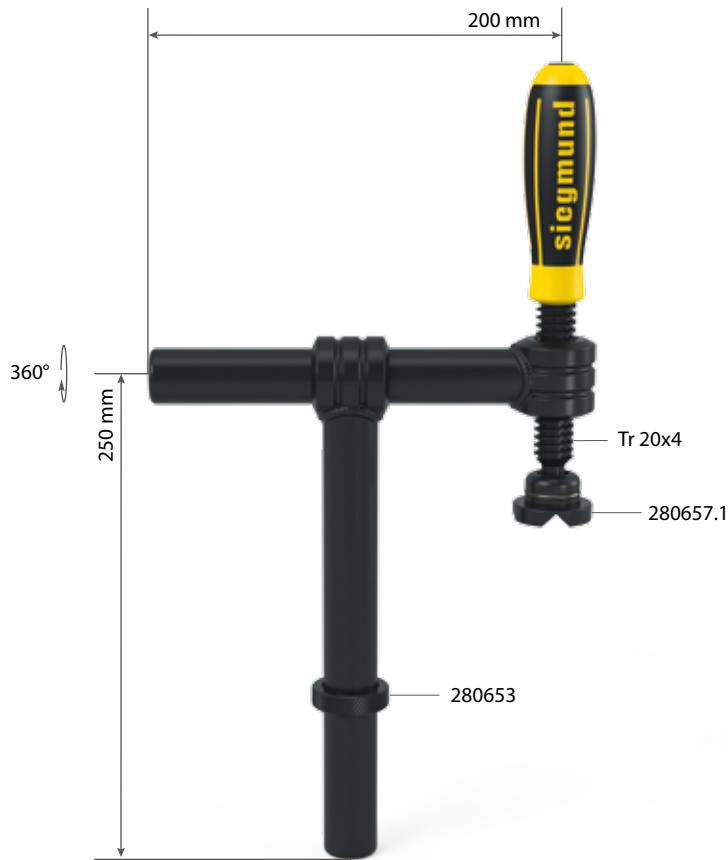
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 100 for 280610, 280612, 280630</b> - standard = 100	100 mm ● 2-280634	135 mm ● 2-280634.1	170 mm ● 2-280634.2	special size ○ 2-280634.S	
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm ● 2-280635	135 mm ● 2-280635.1	170 mm ● 2-280635.2	special size ○ 2-280635.S	
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm ● 2-280636	135 mm ● 2-280636.1	170 mm ● 2-280636.2	special size ○ 2-280636.S	
<b>Vertical Round Pipe 200 for 280608</b> - standard = 200	200 mm ● 2-280676	300 mm ● 2-280676.1	500 mm ● 2-280676.2	800 mm ● 2-280676.3	special size ○ 2-280676.S
<b>Adjusting Ring</b>				2-280653 ●	

● = Stock item / ○ = Item is made to order



### Basic Pipe Clamp 180°



#### Description:

Basic Pipe Clamp 180°, enables precise and powerful clamping of components at a 180° angle relative to the system bore holes. Due to the round pipe the clamp can be easily and quickly adjusted horizontally, within a range of 45-180 mm. The length of the vertical pipe is 250 mm.

To safely fasten different welding elements, the prisms are interchangeable. For compatible prisms see page 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually. To secure the vertical pipe in the system bore holes, an Adjusting Ring (Item No. 280653) is used.

The length of the spindle is 100 mm.



280625



280625.S

#### Standard model

Basic Pipe Clamp 180°

maximum load:

3 kN

Weight:

2,30 kg

Item No.

2-280625 ●

Basic Pipe Clamp 180° special size

2-280625.S ○

● = Stock item / ○ = Item is made to order





280634

280635

280636

280644

280677

280653

280618

**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 100 for 280610, 280612, 280630</b> - standard = 100	100 mm	135 mm	170 mm	special size
	2-280634 ●	2-280634.1 ●	2-280634.2 ●	2-280634.S ○
<b>Threaded Arbor with hexagon</b> - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm	135 mm	170 mm	special size
	2-280635 ●	2-280635.1 ●	2-280635.2 ●	2-280635.S ○
<b>Threaded Arbor 100 with toggle</b> - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280636 ●	2-280636.1 ●	2-280636.2 ●	2-280636.S ○
<b>Horizontal Round Pipe 200 for 280625</b> - standard = 200			200 mm	special size
			2-280644 ●	2-280644.S ○
<b>Vertical Round Pipe 250 for 280604, 280625</b> - standard = 250 - can also be used as a horizontal brace.	250 mm	300 mm	500 mm	special size
	2-280677 ●	2-280677.1 ●	2-280677.2 ●	2-280677.3 ●
<b>Thread Bushing Tr 20x4</b> - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished				2-280618 ●
<b>Adjusting Ring</b>				2-280653 ●

● = Stock item / ○ = Item is made to order



### Adapter 45°



280663

280663.1

#### Description:

By simply screwing the Adapter 45° to the horizontal bar of a Screw Clamp Standard, it can be converted into a Screw Clamp 45°.



#### Adapter 45°

- for screw clamp 280610
- Burnished

#### Adapter 45°

- for screw clamp XL 280612
- Burnished

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter 45° - for screw clamp 280610 - Burnished	75 mm	30 mm	55 mm	0,18 kg	2-280663 ●
Adapter 45° - for screw clamp XL 280612 - Burnished	75 mm	30 mm	60 mm	0,18 kg	2-280663.1 ●

● = Stock item / ○ = Item is made to order

Thread Bushing

**Description:**

The burnished Threaded Bushing was especially designed for working in restricted spaces. The threaded bushing is the compatible counterpart which incorporates screw clamp arbors from the 16 mm system (Tr 12x3) or the 28 mm system (Tr 20x4). A combination of threaded bushing, screw clamp arbor and heavy squares, is ideal to perform complicated horizontal clamping tasks.



280618

280619



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Thread Bushing Tr 20x4</b> - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished	23 mm	28 mm	0,05 kg	2-280618 ●
<b>Thread Bushing Tr 12x3</b> - Acme trapezoidal thread 12 x 3 mm for system 16 screw clamp arbor - Burnished	23 mm	28 mm	0,07 kg	2-280619 ●

● = Stock item / ○ = Item is made to order

## Angle Bushing



280770



280771



### Description:

Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

Axial distance 40 mm.

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Angle Bushing 45°</b> - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280770 ●
<b>Angle Bushing 90°</b> - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280771 ●

● = Stock item / ○ = Item is made to order



Angle Socket



**Description:**

Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

Axial distance 40 mm.



280772



280773



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Angle Socket 45°</b> - for clamping pipe 280750, 280642	100 mm	67 mm	40 mm	0,32 kg	2-280772 ●
<b>Angle Socket 90°</b> - for clamping pipe 280750, 280642	85 mm	85 mm	40 mm	0,39 kg	2-280773 ●

● = Stock item / ○ = Item is made to order

## Prism for Screw Clamps



280657.1



280658



280659



280661

**Description:**

Prism for Screw Clamps, suitable for clamping of round and square pipes. Due to its location at the ball head of the threaded arbor, the prism is movable and can therefore be fixed precisely on the workpiece. It is replaced by simply taking it off the ball head.

The Prism is available in various material finishes.

The Polyamid Prism is used for scratch-prone surfaces.

The Stainless Steel Prism is used for scratch-resistant precious metals (rust prevention).





	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism for Screw Clamps</b> - Burnished	24 mm	40 mm	0,09 kg	2-280657.1 ●
<b>Prism for Screw Clamps</b> - Stainless Steel	25 mm	40 mm	0,10 kg	2-280658 ●
<b>Prism for Screw Clamps</b> - Polyamide	25 mm	40 mm	0,01 kg	2-280659 ●
<b>Pressure Ball Blank for Screw Clamps</b> - Polished - Trapezoid Thread 20 x 4 mm - according to customer specifications	30 mm	40 mm	0,19 kg	2-280661 ●

● = Stock item / ○ = Item is made to order

### Duo Prism Ø 40 for Screw Clamps



280650



280650.A



280650.P

#### Description:

Duo Prism, compatible with all bore holes and screw clamps of System 28, due to its dual function. The O-ring provides perfect fixing and fitting accuracy. The 120° square creates a stable support surface for all round pipes. The leveled corners of the prism enable working with flat welding parts.

The Polyamid Prism is used for scratch-prone surfaces.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Duo Prism Ø 40</b> - Burnished	35 mm	40 mm	0,15 kg	2-280650 ●
<b>Duo Prism Ø 40</b> - Aluminum	35 mm	40 mm	0,05 kg	2-280650.A ●
<b>Duo Prism Ø 40</b> - Polyamide	30 mm	40 mm	0,02 kg	2-280650.P ●

● = Stock item / ○ = Item is made to order



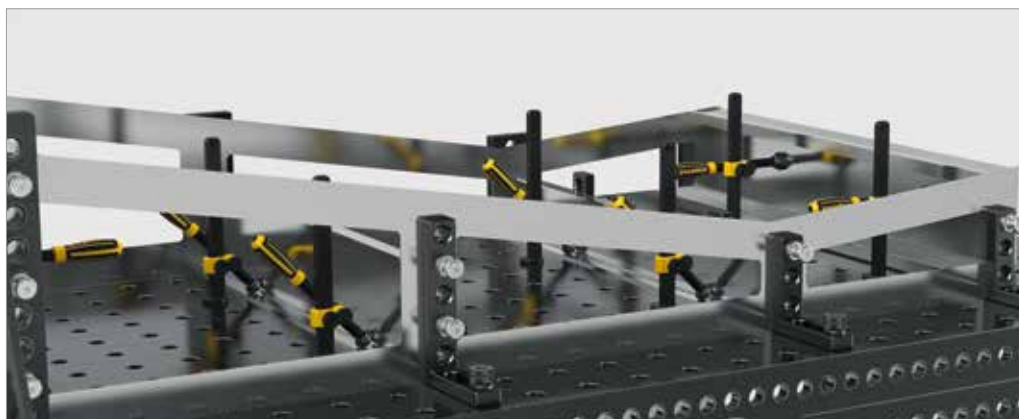
Pressure Ball for Screw Clamps

**Description:**

Pressure Ball for screw clamps, especially designed for clamping in corners or grooves. Due to its location at the ball head of the threaded arbor, the prism is movable, and can therefore be precisely mounted to the work piece.

It can be replaced by simply removing it from the ball head.

The Pressure Ball is available in various materials. The polyamide Pressure Ball is used for scratch-prone surfaces. The stainless steel Pressure Ball is used for scratch-resistant metals (rust prevention).



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Pressure Ball for Screw Clamps</b> - Burnished - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,07 kg	2-280660 ●
<b>Pressure Ball for Screw Clamps</b> - Stainless Steel - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,07 kg	2-280660.E ●
<b>Pressure Ball for Screw Clamps</b> - Polyamide - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,01 kg	2-280660.P ●

● = Stock item / ○ = Item is made to order

### Clamping Bridge 2P

#### Description:

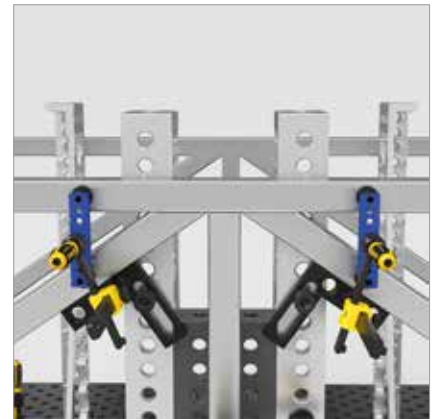
The Clamping Bridge 2P is perfect to work in positions which are difficult to access or to clamp various components simultaneously. Clamping on uneven surfaces is also possible with pendulum compensation. High functionality is guaranteed with quick shifting of the spherical pin. A clamping bridge, two ball pins and two prisms are included in the delivery.

In order to safely attach any kind of welding elements with the Clamping Bridge 2P, the prism is interchangeable. Suitable prisms see page 338.



280210

280212



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Clamping Bridge 2P for Screw Clamps</b> - 2 clamping spots simultaneously	170 mm	35 mm	20 mm		0,80 kg	2-280210 ●
<b>Spherical Pin for Clamping Bridge</b>				16 mm	0,04 kg	2-280212 ●

● = Stock item / ○ = Item is made to order

Clamping Bridge 3P



280211

280212



**Description:**

The Clamping Bridge 3P is perfect to work in positions which are difficult to access, or to clamp various components simultaneously. Clamping on uneven surfaces is also possible with pendulum compensation. The uniqueness of the Clamping Bridge 3P is a result of the three-dimensionality, which makes clamping in three dimensions possible. High functionality is guaranteed with quick shifting of the spherical pin. A clamping bridge, three ball pins and three prisms are included with delivery.

In order to safely attach any kind of welding elements with the Clamping Bridge 3P, the prism is interchangeable. Compatible prisms see page 338.

	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Clamping Bridge 3P for Screw Clamps</b> - 3 clamping points simultaneously	170 mm	35 mm	20 mm		1,00 kg	2-280211 ●
<b>Spherical Pin for Clamping Bridge</b>				16 mm	0,04 kg	2-280212 ●

● = Stock item / ○ = Item is made to order





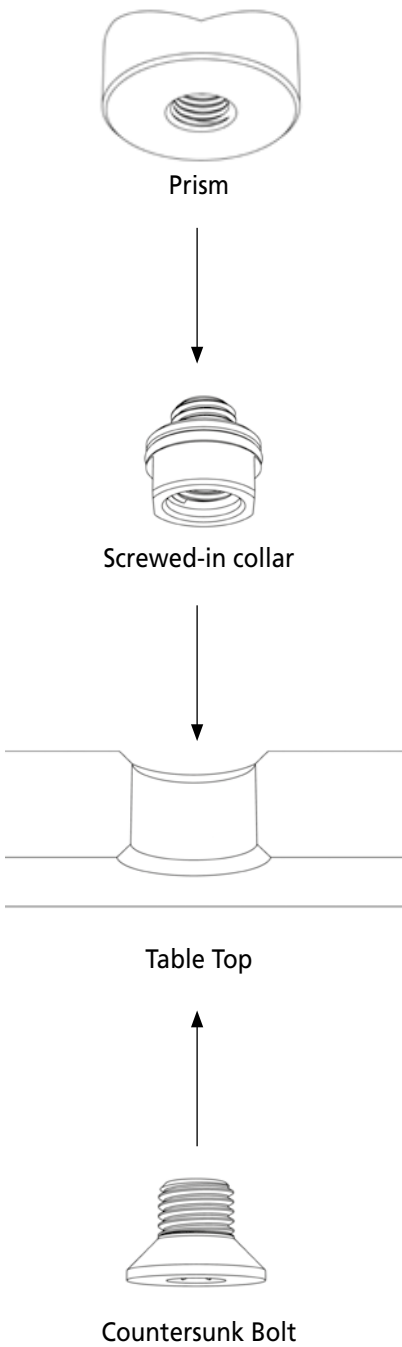
	Page
Prisms	346
Prism Ø 50 / Vario Prism Ø 50	348
Prism Ø 60 / Prism Ø 80	350
Prism Ø 120 / Clamping Cone	352
Prism Extension	354



## Prisms

All System 28 Prisms are equipped with a removable screwed-in collar.

Included in delivery of each Prism is a screwed-in collar and a countersunk bolt.



### PRISM Ø 50 135°

Page 348

#### STYLES

Burnished  
Aluminum  
Polyamide



280648.1

### VARIO PRISM Ø 50 90° / 120°

Page 349

#### STYLES

Burnished  
Aluminum  
Polyamide



280645.1

### PRISM Ø 60 135°

Page 350

#### STYLES

Burnished  
Aluminum  
Polyamide



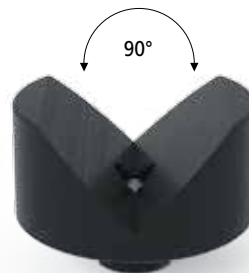
280651.1

### PRISM Ø 80 90°

Page 351

#### STYLES

Burnished  
Aluminum  
Polyamide



280647.1

### PRISM Ø 120 157°

Page 352

#### STYLES

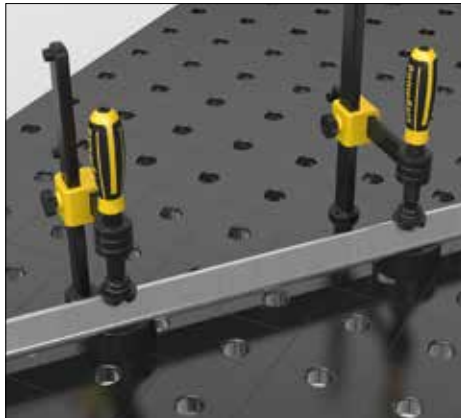
Burnished  
Aluminum  
Polyamide



280652.1

You can also find the product video on:

[www.siegmund.com/V280645](http://www.siegmund.com/V280645)



#### WITH COLLAR IN BORE HOLE

Prism with collar is applicable for all System 28 boreholes, and provides a sturdy support surface for pipes.

#### WITHOUT COLLAR ON TABLE

All System 28 Prisms can be used without collar. Consequently they can be positioned on the table independently from the hole grid.

#### WITH PRISM EXTENSION

If required, a prism extension can be screwed in. It enables positioning at different heights, in combination with spacer washers and support discs. In combination with the screw support infinitely variable positioning is possible.

See Set of Supports (Item No. 280821) or Screw Support (Item No. 280822).

#### PRISM EXTENSION

It can be quickly and securely screwed into all Prisms.



Application



280649.3



280649.2

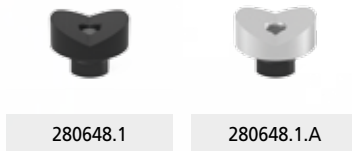
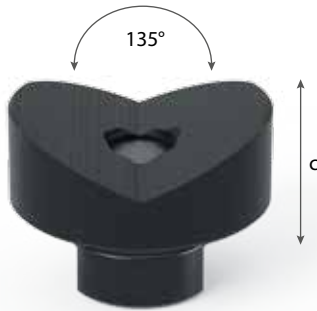


280649.1



280649

## Prism Ø 50 135° with screwed-in collar



280648.1

280648.1.A



280648.1.P



### Description:

Prism Ø 50 135° provides a stable support surface for pipes with a diameter up to 80 mm.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.

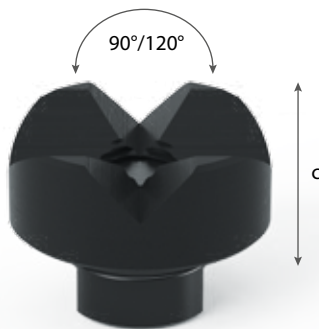
	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism Ø 50 135° with screwed-in collar</b> - Burnished - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,20 kg	2-280648.1 ●
<b>Prism Ø 50 135° with screwed-in collar</b> - Aluminum - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,07 kg	2-280648.1.A ●
<b>Prism Ø 50 135° with screwed-in collar</b> - Polyamide - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,03 kg	2-280648.1.P ●

● = Stock item / ○ = Item is made to order

Steel Collar - upon request also available in aluminum or polyamide.



Vario Prism Ø 50 90°/120° with screwed-in collar



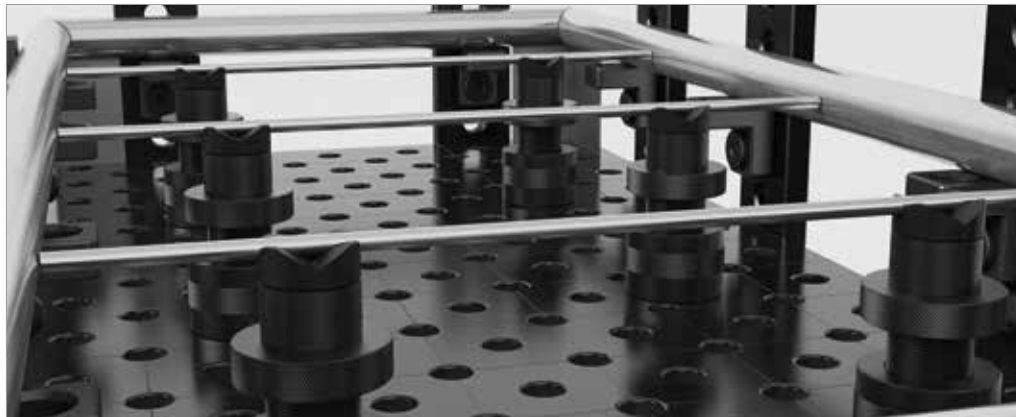
280645.1



280645.1.A



280645.1.P



**Description:**

Vario Prism, suitable for both rounded and 45° twisted square pipes with a diameter of up to 50 mm.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

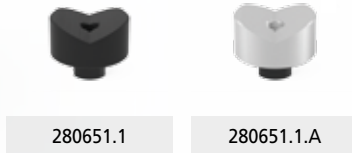
Polyamid Prisms are used for scratch-prone surfaces.

	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Burnished - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,20 kg	2-280645.1 ●
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Aluminum - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,07 kg	2-280645.1.A ●
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Polyamide - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,03 kg	2-280645.1.P ●

● = Stock item / ○ = Item is made to order

Steel Collar - upon request also available in aluminum or polyamide.

## Prism Ø 60 135° with screwed-in collar



### Description:

Prism Ø 60 135°, especially suitable for pipes with a diameter up to 80 mm.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism Ø 60 135° with screwed-in collar</b> - Burnished - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,52 kg	2-280651.1 ●
<b>Prism Ø 60 135° with screwed-in collar</b> - Aluminum - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,18 kg	2-280651.1.A ●
<b>Prism Ø 60 135° with screwed-in collar</b> - Polyamide - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,08 kg	2-280651.1.P ●

● = Stock item / ○ = Item is made to order

Steel Collar - upon request also available in aluminum or polyamide.

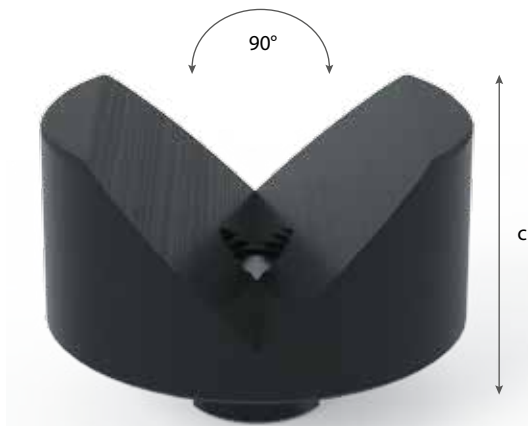
Prism Ø 80 90° with screwed-in collar

**Description:**

Prism Ø 80 90°, creates a solid support surface for pipes with diameters up to 100 mm, as well as for all rectangular pipes.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.



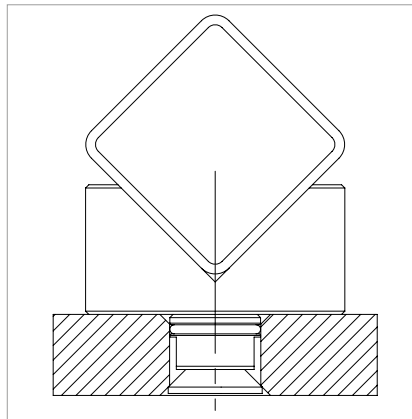
280647.1



280647.1.A



280647.1.P



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism Ø 80 90° with screwed-in collar</b> - Burnished - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	1,01 kg	2-280647.1 ●
<b>Prism Ø 80 90° with screwed-in collar</b> - Aluminum - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	0,55 kg	2-280647.1.A ●
<b>Prism Ø 80 90° with screwed-in collar</b> - Polyamide - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	0,19 kg	2-280647.1.P ●

● = Stock item / ○ = Item is made to order

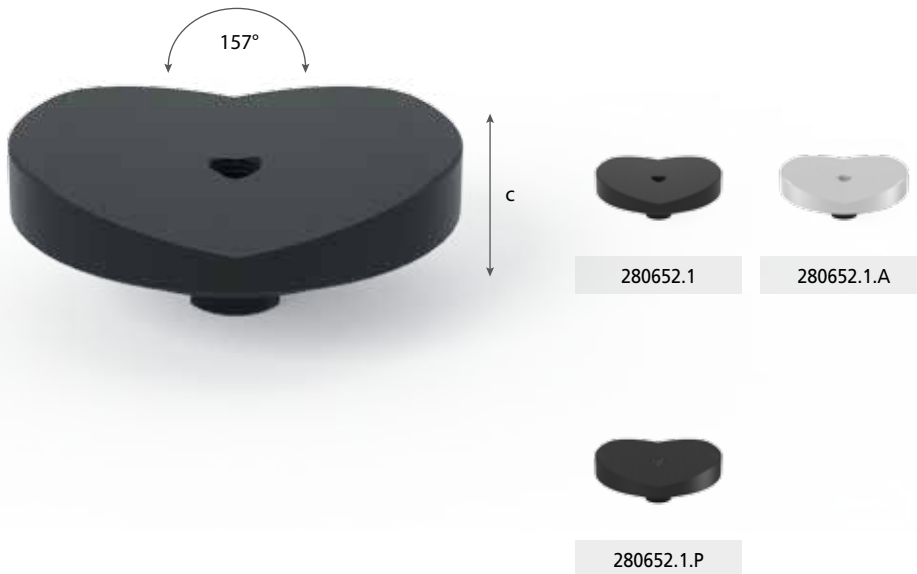
Steel Collar - upon request also available in aluminum or polyamide.

## Prism Ø 120 157° with screwed-in collar

### Description:

Prism Ø 120 with 157° angle, designed for large pipes with a diameter of up to 400 mm. Above all, it creates a solid support surface for round pipes.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.



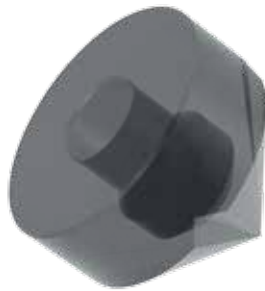
	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism Ø 120 157° with screwed-in collar</b> - Burnished - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	1,70 kg	2-280652.1 ●
<b>Prism Ø 120 157° with screwed-in collar</b> - Aluminum - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	0,70 kg	2-280652.1.A ●
<b>Prism Ø 120 157° with screwed-in collar</b> - Polyamide - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	0,30 kg	2-280652.1.P ●

● = Stock item / ○ = Item is made to order

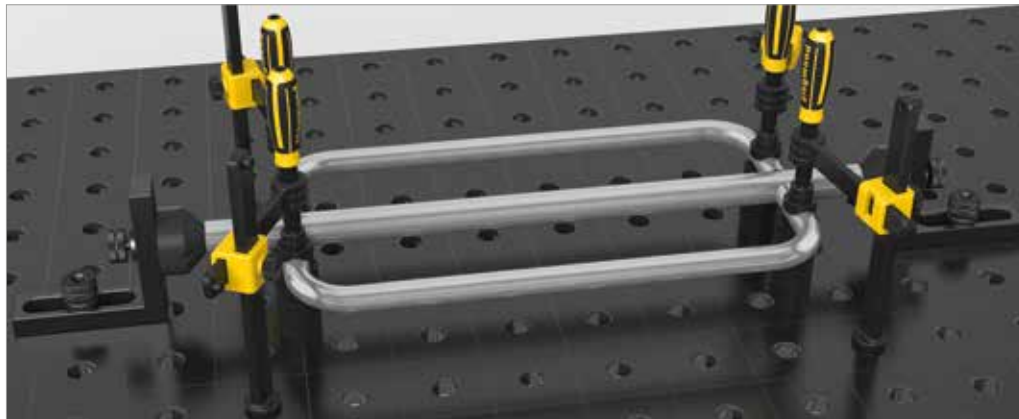
Steel Collar - upon request also available in aluminum or polyamide.



Clamping Cone



280670



**Description:**

Clamping Cone, enables clamping of round and square pipes with a diameter of up to < 80 mm, by simply positioning them. The Clamping Cone is fastened with bolts.

**Clamping Cone**  
- Burnished

Height: (c)	Ø: (o)	Weight:	Item No.
70 mm	80 mm	1,40 kg	2-280670 ●

● = Stock item / ○ = Item is made to order

## Prism Extension



280649

280649.1

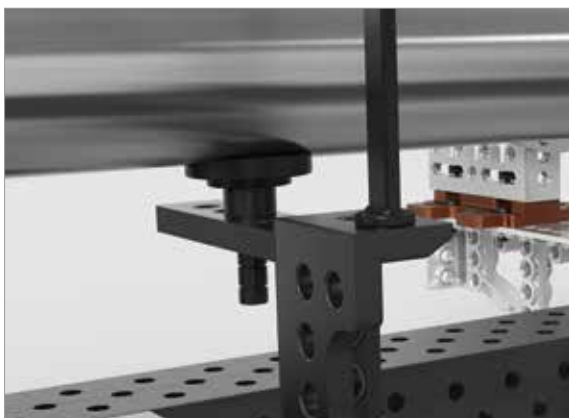
280649.2

280649.3

280669

### Description:

The Prism extension can be quickly and securely screwed in all prisms and enables positioning of the prism at different heights in combination with spacers (Item No. 280821). With the screw support (Item No. 280822) an infinitely variable positioning is possible.





	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Prism Extension 25</b> - Burnished	25 mm	28 mm	0,11 kg	2-280649 ●
<b>Prism Extension 50</b> - Burnished	50 mm	28 mm	0,22 kg	2-280649.1 ●
<b>Prism Extension 100</b> - Burnished	100 mm	28 mm	0,45 kg	2-280649.2 ●
<b>Prism Extension 150</b> - Burnished	150 mm	28 mm	0,69 kg	2-280649.3 ●
<b>Prism Collar Screw with countersunk bolt</b> - Burnished	27 mm	28 mm	0,07 kg	2-280669 ●
<b>Countersunk Bolt M16</b> - spare part	20 mm			2-009410 ●

● = Stock item / ○ = Item is made to order

Upon request, all parts are available in aluminum or polyamide version.

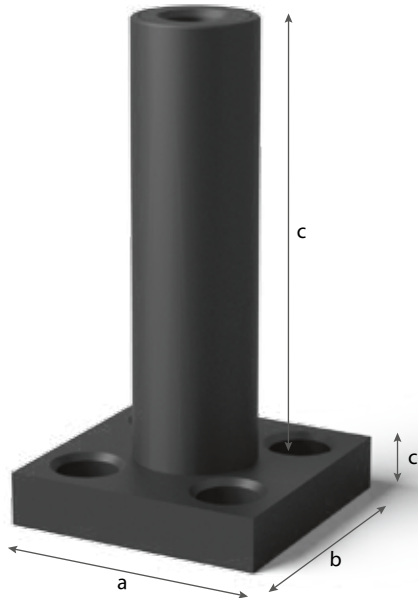




	Page
Multi Clamp Tower Modular	358
Set of Supports 11-piece set / Screw Support	360
Spacer	362
Clamping Pipe with quick fastener	364



## Multi Clamp Tower Modular



280646



280646.5



280646.1



280646.2



280646.3



280646.4

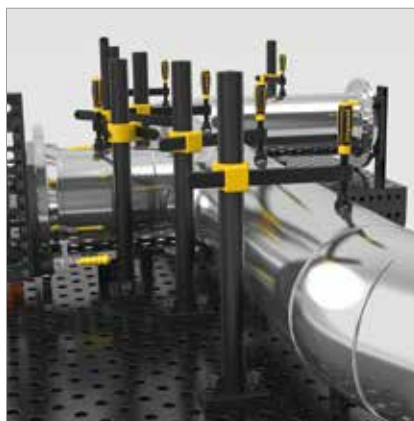


280617.5H

### Description:

Multi Clamp Tower, serves as an extension for various components, such as screw clamps, prisms, spacers and similar elements. Bolts are used to quickly fasten Multi Clamp Towers to tables or other components, creating a sturdy support surface. The table top and compatible vertical pipe are bolted together.

To increase sturdiness, the pipe can be welded by the customer.





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Plate, Large</b> - for Multi Clamp Tower modular	150 mm	100 mm	25 mm		2,60 kg	2-280646 ●
<b>Plate, Small</b> - for Multi Clamp Tower modular	120 mm	120 mm	25 mm		2,23 kg	2-280646.5 ●
<b>Vertical Pipe 225</b> - for Multi Clamp Tower modular			225 mm	57 mm	1,70 kg	2-280646.1 ●
<b>Vertical Pipe 475</b> - for Multi Clamp Tower modular			475 mm	57 mm	2,94 kg	2-280646.2 ●
<b>Vertical Pipe 725</b> - for Multi Clamp Tower modular			725 mm	57 mm	4,24 kg	2-280646.3 ●
<b>Vertical Pipe 975</b> - for Multi Clamp Tower modular			975 mm	57 mm	5,54 kg	2-280646.4 ●
<b>Cast Iron Cross incl. Handwheel</b> - for 280646 Multi Clamp Tower - for 280638 (see page 318)	104 mm	80 mm	56 mm		1,27 kg	2-280617.5H ●

● = Stock item / ○ = Item is made to order

## Set of Supports 11-piece set



280821



280821.1

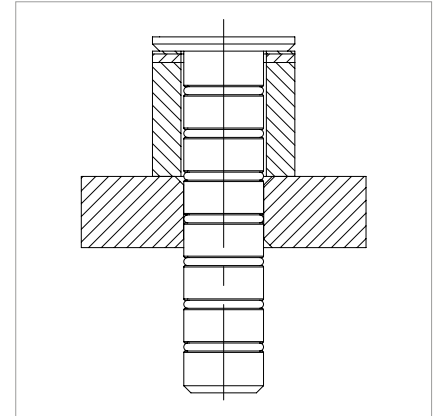


280821.2



### Description:

11-piece Set of Supports, offers the option to vary the height of the support surface. The individual supports can be used to compensate for 1-100 mm height differences. The lowest grading of the supports is 1 mm, in order to achieve the intended height precisely. The measurements are specified on the particular discs. Aided by the O-rings, the Supports can be adjusted easily and precisely. The Set of Supports can be universally used in all drill holes of system 28. The M10 thread on the inside of the supports enables fastening of customer-specific components or prisms.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Set of Supports 11-piece set</b> - Burnished	125 mm	50 mm	1,95 kg	2-280821 ●
<b>Tower for Supports</b> - Burnished	125 mm	50 mm	0,60 kg	2-280821.1 ●
<b>Washer Set</b> - gradation of discs: 1 / 2 / 3 / 4 / 5 mm 10 / 20 / 40 / 50 mm incl. 1/10" disc 2,54 mm		50 mm	1,35 kg	2-280821.2 ●

● = Stock item / ○ = Item is made to order



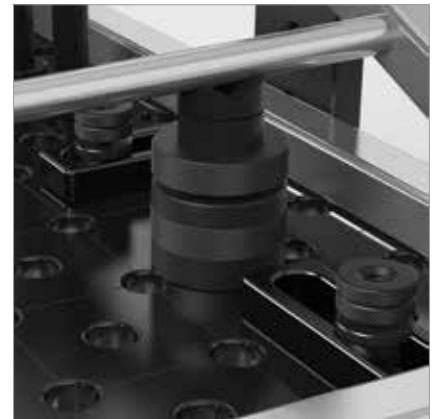
Screw Support Ø 80

**Description:**

Screw Support, especially intended for Vernier height adjustments ranging from 75-110 mm. The height compensation can be clearly increased by using prism extensions and the set of Supports.



280822

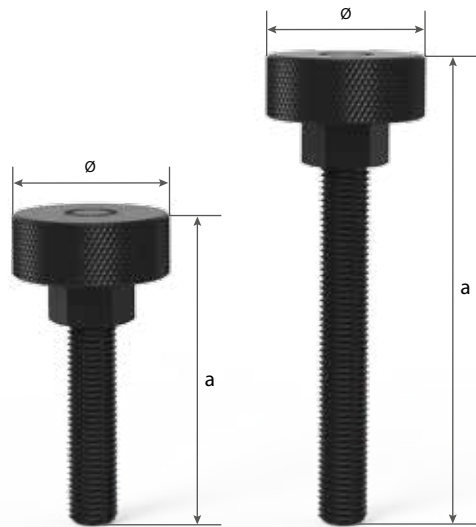


Height: (c)	Ø: (o)	Weight:	Item No.
75-110 mm	80 mm	2,30 kg	2-280822 ●

**Screw Support Ø 80**  
- Burnished

● = Stock item / ○ = Item is made to order

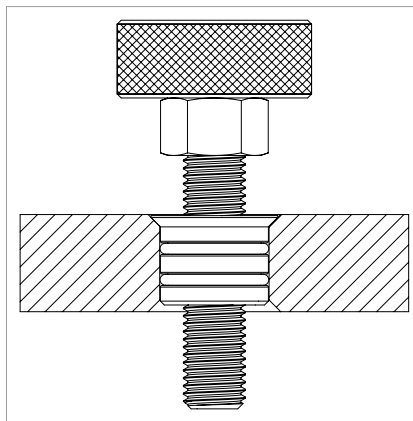
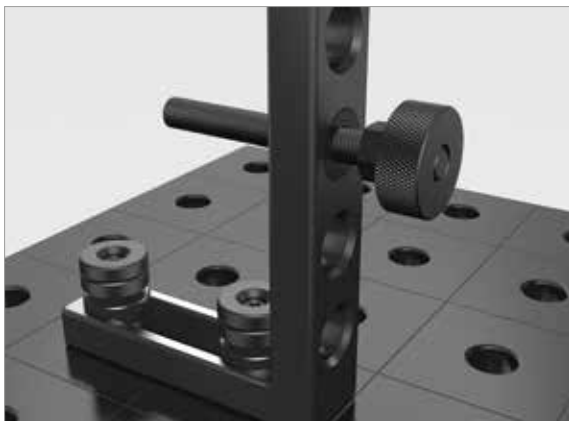
## Spacer



### Description:

Spacer - universally usable in combination with the threaded bushing for M16 threads (Item No. 280825) and a square or stop. Any distance can be adjusted quickly and precisely by using the simple rotation mechanism.

In general, a screw clamp, try square or something similar, serve as a counterpart to the Spacer.





280175.1



280176



280825

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Spacer 100</b>	100 mm		50 mm	0,52 kg	2-280175 ●
	100 mm		75 mm	0,92 kg	2-280176 ●
	100 mm		100 mm	1,42 kg	2-280177 ○
<b>Spacer 150</b>	150 mm		50 mm	0,60 kg	2-280175.1 ●
	150 mm		75 mm	1,00 kg	2-280176.1 ●
	150 mm		100 mm	1,50 kg	2-280177.1 ○
<b>Thread Bushing for M16 thread - Burnished</b>		23 mm	32 mm	0,07 kg	2-280825 ●

● = Stock item / ○ = Item is made to order

## Clamping Pipe with quick fastener



280750



280760



280760.1



280662

### Description:

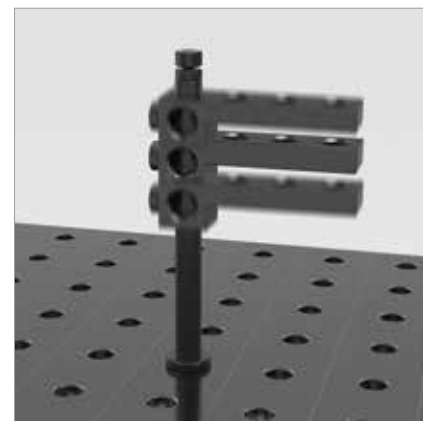
Clamping pipe with integrated fast clamping bolt, allows backlash-free fastening of a system 28 clamping pipe. Screw clamps, quick-release clamps, height and side stops and other components can be mounted on it.

Further application options and components can be found in the internet.

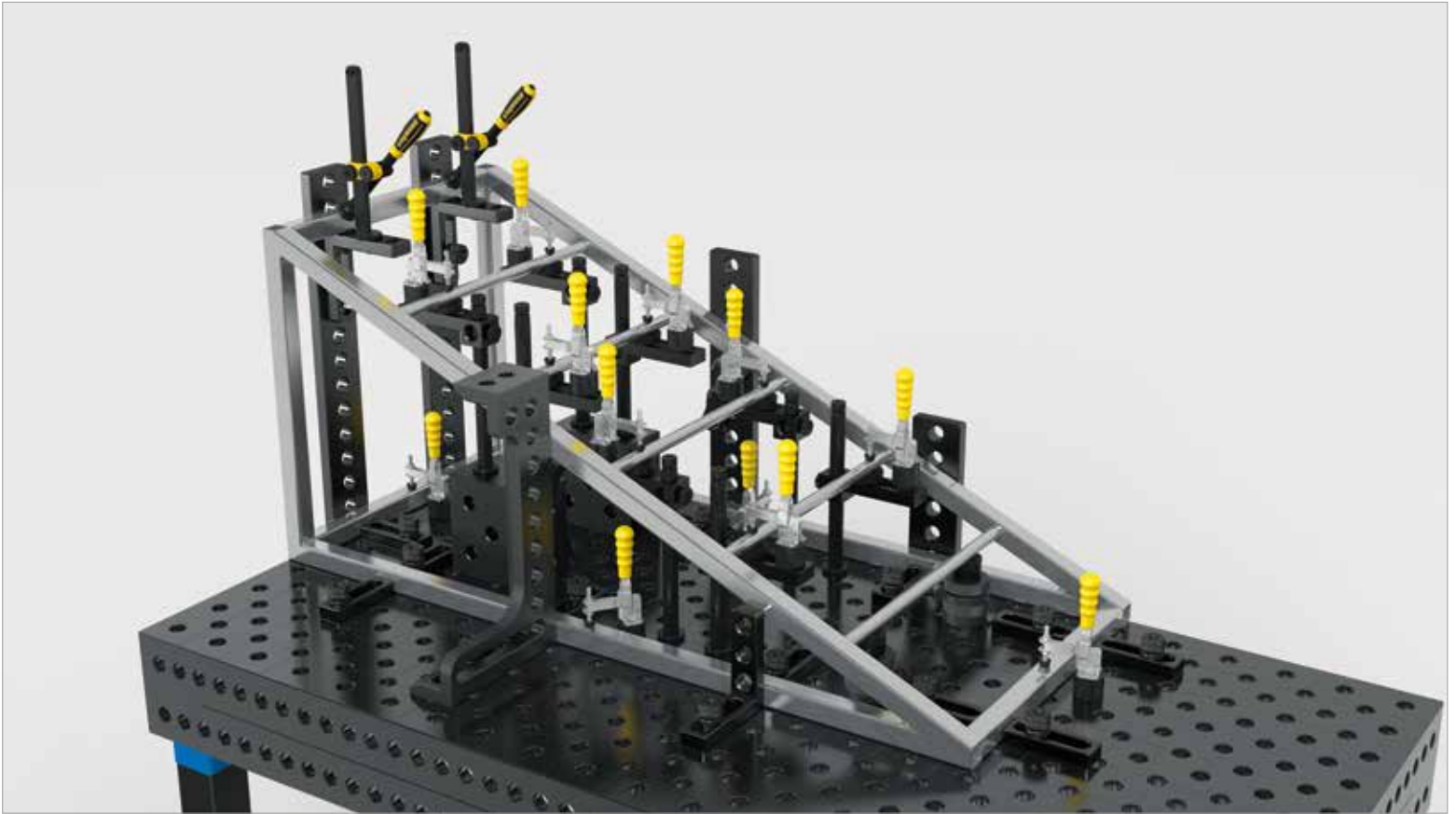
Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

Axial distance 40 mm.







	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Clamping Pipe with quick fastener</b>			380 mm	28 mm	1,80 kg	2-280750 ●
<b>Additional sizes upon request</b>						○
<b>Clamp Stop</b>	200 mm	50 mm	50 mm	28 mm	1,66 kg	2-280760 ●
<b>Clamp Stop</b> - with oblong slot	200 mm	50 mm	50 mm		1,37 kg	2-280760.1 ●
<b>Handwheel for Screw Clamp</b> - for 280610, 280612, 280630, 280750	25 mm			30 mm	0,06 kg	2-280662 ●

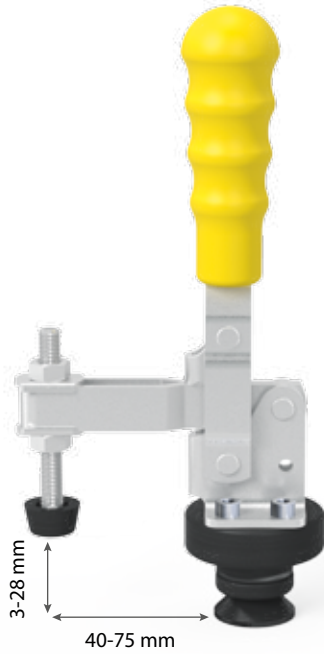
● = Stock item / ○ = Item is made to order



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Vertical Toggle Clamp with Adapter / Horizontal Toggle Clamp with Adapter	368
Quick-Change Clamp 100 / Quick-Change Clamp 160	370
Adapter with Hole Pattern / Adapter Blank without Hole Pattern	372
Combi Adapter / Adapter Plate	374
Adapter Plate 200 / 300	376



### Vertical Toggle Clamp with Adapter



280705

009082



#### Description:

Vertical Toggle Clamp with Adapter, universally usable with 28 mm bore holes. It works most effectively in combination with the Universal Stop (Item No. 280420).

The Adapter is replaceable. Further sizes see page 372.

**Vertical Toggle Clamp with Adapter**  
- Adapter 280715

Weight: Item No.

0,73 kg 2-280705 ●

**Vertical Toggle Clamp**

2-009082 ●

● = Stock item / ○ = Item is made to order

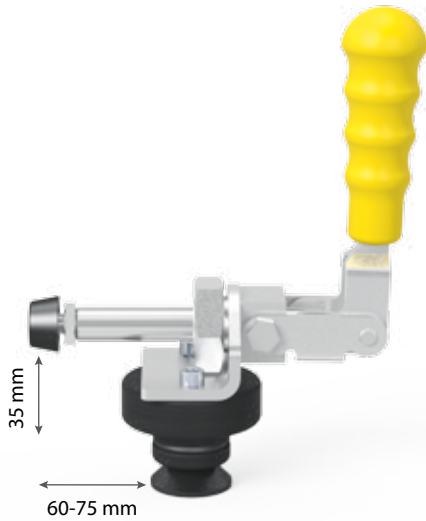


Horizontal Toggle Clamp with Adapter

**Description:**

Horizontal Toggle Clamp with Adapter, universally usable with 28 mm bore holes. It achieves maximum efficiency in combination with Universal Stop Item No. 280420.

The Adapter is replaceable. Further sizes see page 372.



280710



009083



Weight: Item No.

**Horizontal Toggle Clamp with Adapter**  
- Adapter 280715

0,71 kg 2-280710 ●

**Horizontal Toggle Clamp**

2-009083 ●

● = Stock item / ○ = Item is made to order

### Quick-Change Clamp 100



280706



#### Description:

Vertical tensioner, universally applicable in System 28 boreholes. Clamping range can be set with adjusting screw.

	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Quick-Change Clamp 100</b> - Length clamping arm 100 mm - Clamping range 5-75 mm	340 mm	30 mm	150 mm	28 mm	1,20 kg	2-280706 ●

● = Stock item / ○ = Item is made to order

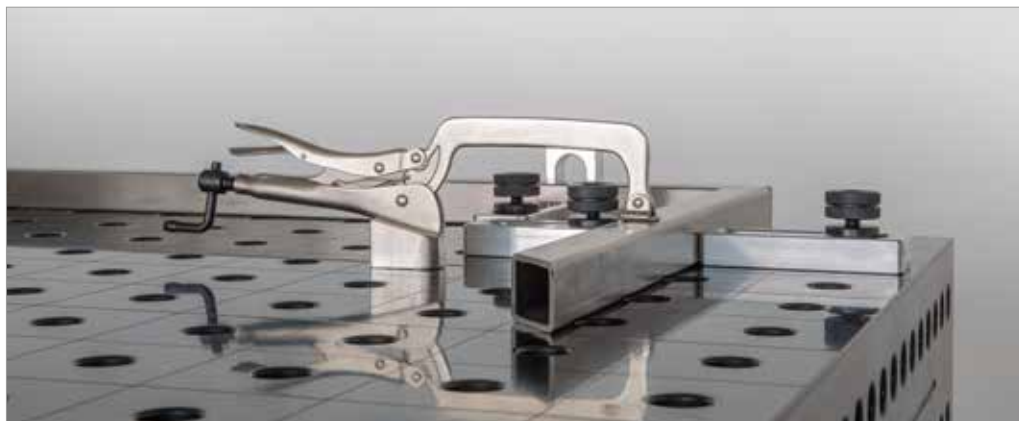
Quick-Change Clamp 160

**Description:**

Vertical tensioner, universally applicable in System 28 boreholes. Clamping range can be set with adjusting screw.



280707

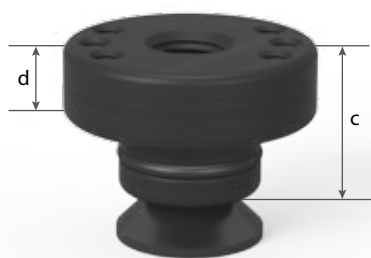


**Quick-Change Clamp 160**  
 - Length clamping arm 160 mm  
 - Clamping range 0-75 mm

Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
360 mm	30 mm	150 mm	28 mm	1,20 kg	2-280707 ●

● = Stock item / ○ = Item is made to order

### Adapter with Hole Pattern / Adapter Blank without Hole Pattern



280715



280715.1



280715.2



280715.3



280720



280720.1



280720.2



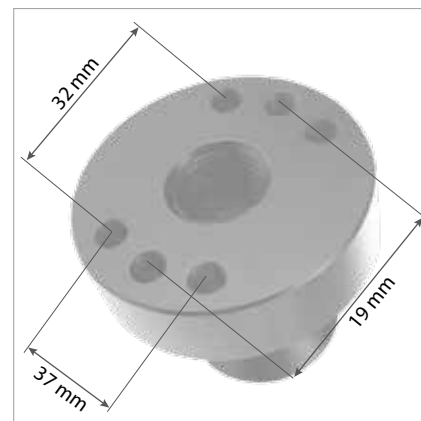
280720.3



280720.4

#### Description:

Adapter with hole pattern, can be used universally with 28 mm bore holes. The integrated O-ring provides the perfect fit.





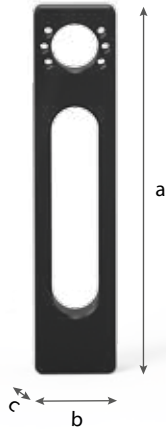


	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Adapter with Hole Pattern Ø 50 / 15</b> - Burnished	30 mm	50 mm	15 mm	0,30 kg	2-280715 ●
<b>Adapter with Hole Pattern Ø 50 / 40</b> - Burnished	55 mm	50 mm	40 mm	0,56 kg	2-280715.1 ●
<b>Adapter with Hole Pattern Ø 50 / 70</b> - Burnished	85 mm	50 mm	70 mm	1,00 kg	2-280715.2 ●
<b>Adapter with Hole Pattern Ø 50 / 100</b> - Burnished	115 mm	50 mm	100 mm	1,49 kg	2-280715.3 ●
<b>Adapter Blank without Hole Pattern Ø 50 / 15</b> - Burnished	30 mm	50 mm	15 mm	0,30 kg	2-280720 ●
<b>Adapter Blank without Hole Pattern Ø 50 / 5</b> - Burnished	20 mm	50 mm	5 mm	0,11 kg	2-280720.1 ●
<b>Adapter Blank without Hole Pattern Ø 50 / 40</b> - Burnished	55 mm	50 mm	40 mm	0,62 kg	2-280720.2 ●
<b>Adapter Blank without Hole Pattern Ø 50 / 70</b> - Burnished	85 mm	50 mm	70 mm	1,07 kg	2-280720.3 ●
<b>Adapter Blank without Hole Pattern Ø 50 / 100</b> - Burnished	115 mm	50 mm	100 mm	1,50 kg	2-280720.4 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

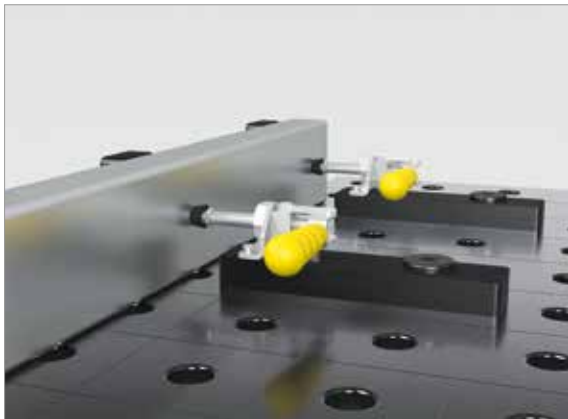
### Combi Adapter 225 / 100



280730



280730.1



#### Description:

Combi-Adapter 225 and 100, specifically designed to serve as an intake for Siegmund quick release clamps. Mounting the quick-change clamps directly onto the Combi-Adapter is especially beneficial for work with low welding components. In addition, the Combi-Adapter can be used as a conventional universal stop.

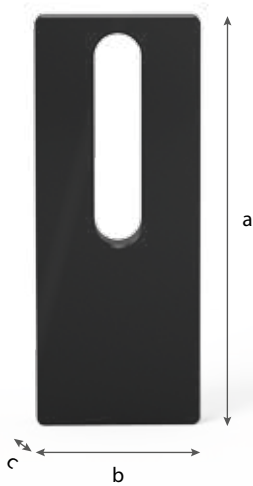
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Combi Adapter 225</b> - Burnished	225 mm	50 mm	25 mm	1,35 kg	2-280730 ●
<b>Combi Adapter 100</b> - Burnished	100 mm	50 mm	25 mm	0,80 kg	2-280730.1 ●

● = Stock item / ○ = Item is made to order

Adapter Plate 250 / 350

**Description:**

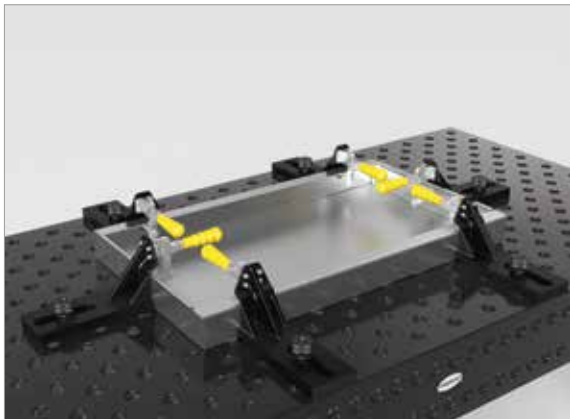
Adapter Plates 250 and 350, developed as blanks for customer specific components and applications. It can be adapted to meet individual requirements. The adjustable range of the oblong slot is 100 and 200 mm.



280731



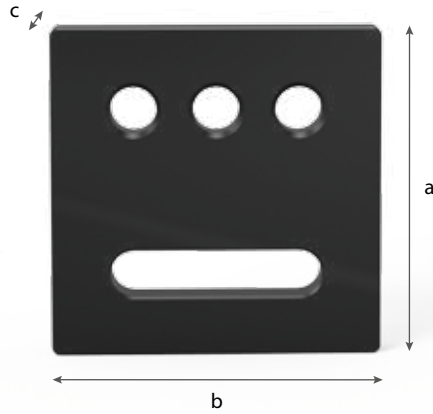
280731.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Adapter Plate 250</b> - Blanks for customer specific components / applications	250 mm	100 mm	25 mm	4,20 kg	2-280731 ●
<b>Adapter Plate 350</b> - Blanks for customer specific components / applications	350 mm	100 mm	25 mm	5,60 kg	2-280731.1 ●

● = Stock item / ○ = Item is made to order

### Adapter Plate 200



280732



280732.1



#### Description:

Burnished Adapter Plate 200, connecting element between welding table and customer's individual components. Both fixed and variable clamping options are a result of the three bore holes and the oblong slot. The adjustable range of the oblong slot is 100 mm.

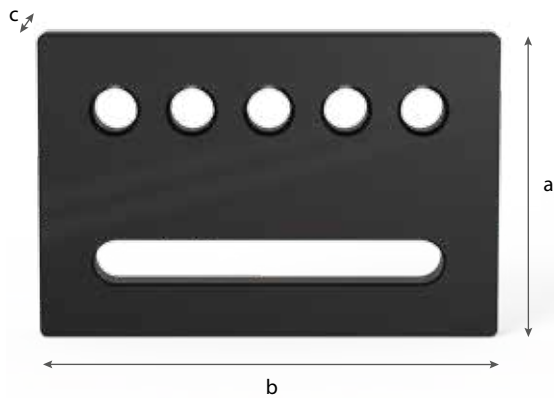
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Adapter Plate 200</b> - with 28 mm bore holes	200 mm	200 mm	25 mm	6,70 kg	2-280732 ●
<b>Adapter Plate 200</b> - without system bore holes	200 mm	200 mm	25 mm	7,10 kg	2-280732.1 ●

● = Stock item / ○ = Item is made to order



**Description:**

Burnished Adapter Plate 300, connecting element between welding table and customer's individual components. Both fixed and variable clamping options are a result of the five bore holes and the oblong slot. The adjustable range of the oblong slot is 200 mm.



280733



280733.1



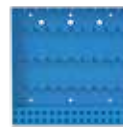
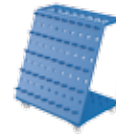
Customer specific solutions

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Adapter Plate 300</b> - with 28 mm bore holes	300 mm	200 mm	25 mm	9,80 kg	2-280733 ●
<b>Adapter Plate 300</b> - without system bore holes	300 mm	200 mm	25 mm	10,40 kg	2-280733.1 ●

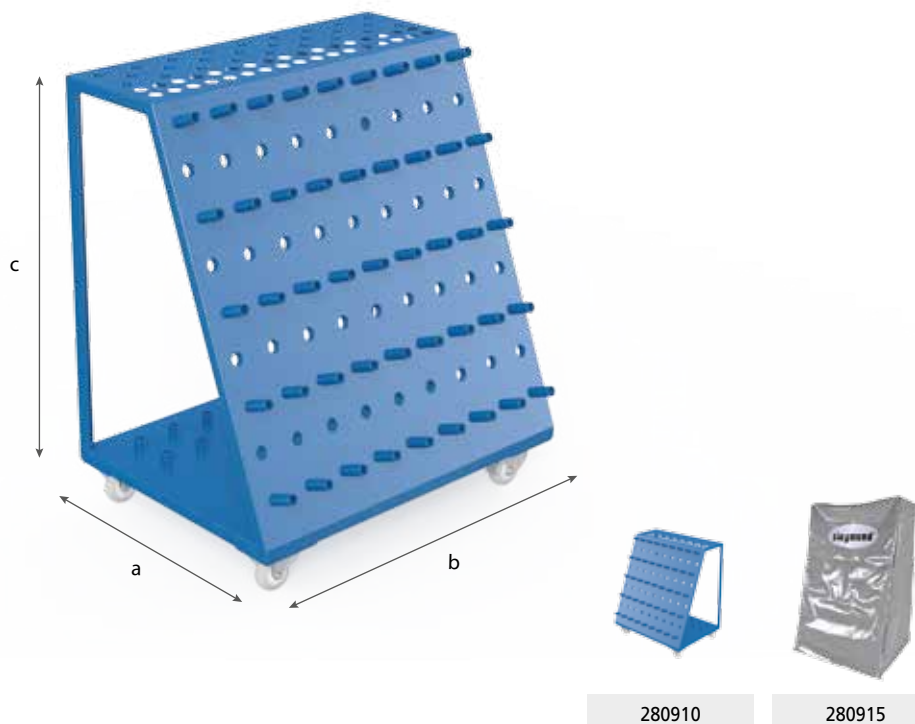
● = Stock item / ○ = Item is made to order



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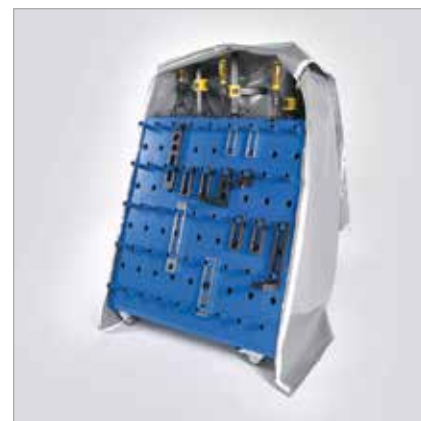


## Tool Cart



### Description:

Tool Cart, offers sufficient space for your Siegmund accessories. Your tools are handy, and you always keep track of them. Large squares are practically and safely stored in the inside space. Due to the casters, the tools are quickly transported to different points of use.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Tool Cart</b> - varnished	660 mm	900 mm	1040 mm	50,00 kg	2-280910 ●
<b>Tarp</b> - for Tool Cart 280910					2-280915 ●

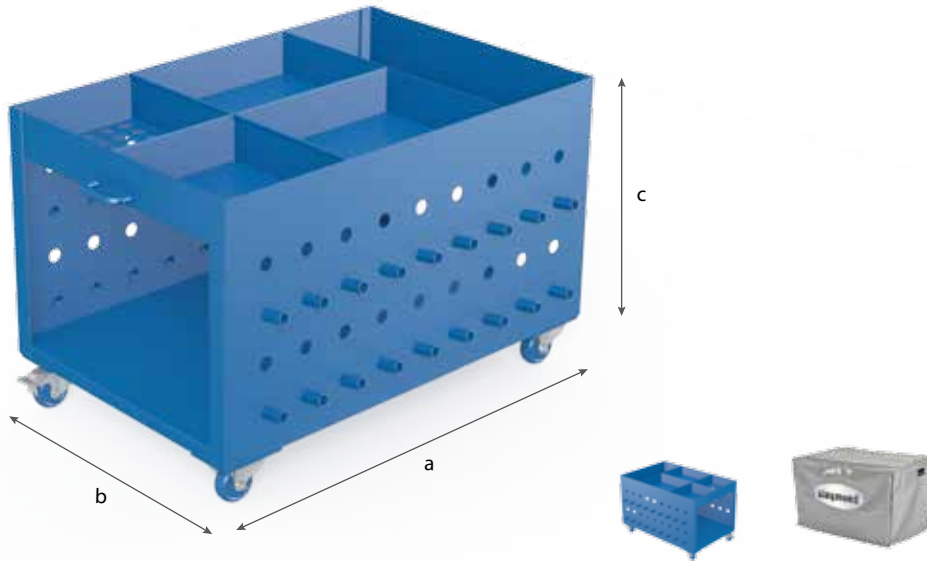
● = Stock item / ○ = Item is made to order



Tool Cart Compact

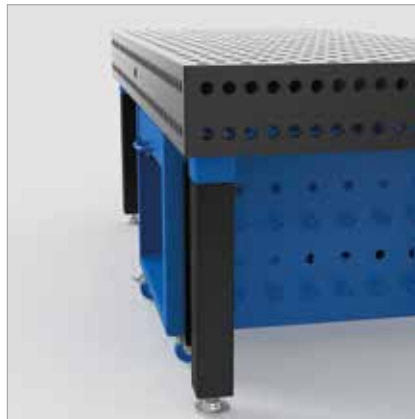
**Description:**

Compact Tool Cart, offers sufficient space for Siegmund accessories. You can always keep track, and all your tools are handy. Large squares are conveniently and safely stored in the internal space. The casters enable quick transportation of the Tool Trolley to where it is needed. In addition, it can be compactly stored below the welding table.



280911

280916



**Tool Cart Compact**  
- varnished

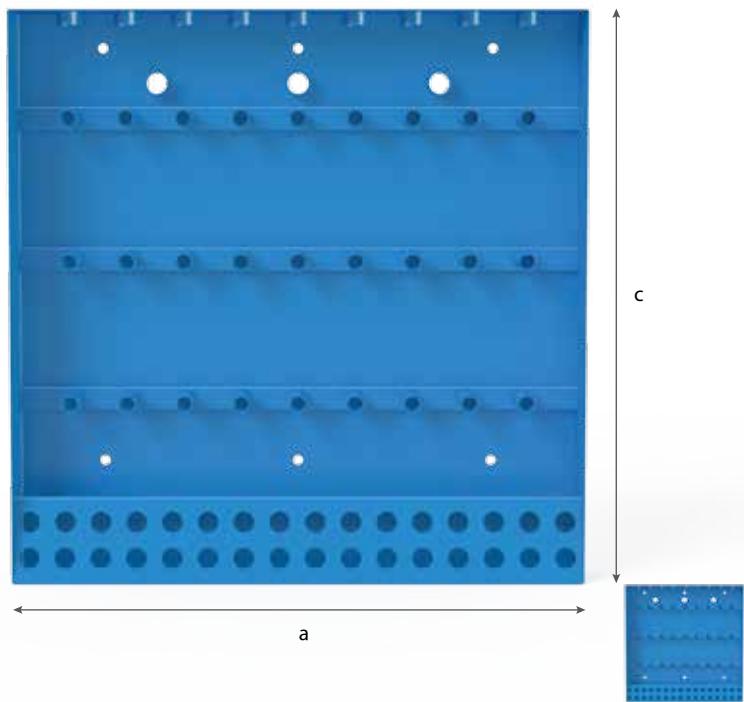
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
1000 mm	750 mm	636 mm	59,00 kg	2-280911 ●

**Tarp**  
- for Tool Cart Compact 280911

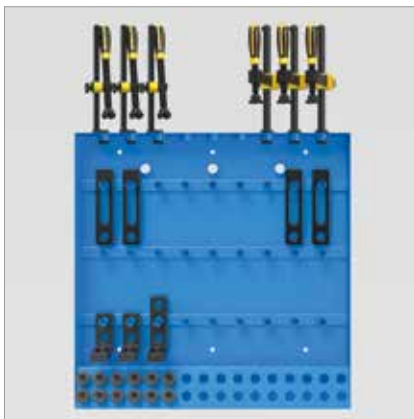
2-280916 ●

● = Stock item / ○ = Item is made to order

## Toolwall



280912



### Description:

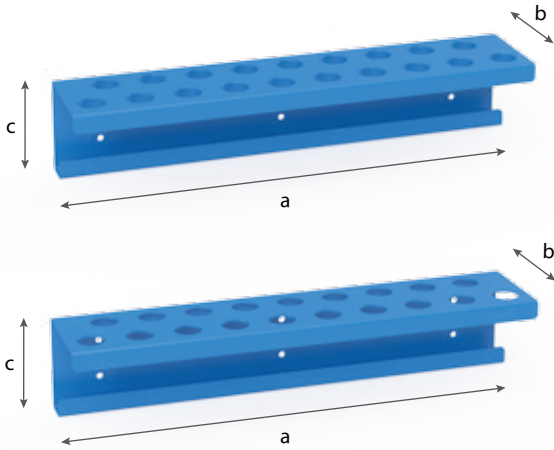
With the Toolwall Siegmund accessories are always within reach quickly. It can easily be bolted to the table, and attached to the wall with screws.

**Toolwall**  
- varnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
800 mm	100 mm	800 mm	22,50 kg	2-280912 ●

● = Stock item / ○ = Item is made to order

Modular Tool Panel



280930

280931



280936

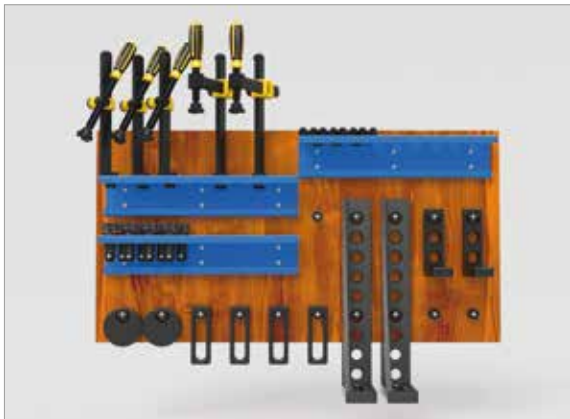
**Description:**

Modular Tool Panel - create your own personal toolwall by using different components.

The Module 280930 (with System 28 bushing), is suitable for screw clamps, prisms and bolts.

The Module 280931 (without bushing) can only be used with prisms and bolts. By using the pin 280936 you can hang up all components with a drill hole of System 28.

The required back board is not included in delivery. We recommend using a glue-laminated wood board with a thickness of at least 5 cm.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Module for Tool Wall with Sleeves</b> - varnished	500 mm	110 mm	100 mm	28 mm	3,40 kg	2-280930 ●
<b>Module for Tool Wall without Sleeves</b> - varnished	500 mm	110 mm	100 mm	28 mm	2,80 kg	2-280931 ●
<b>Pin for Toolwall</b>	37 mm			28 mm	0,10 kg	2-280936 ●
<b>Set Module for Tool Wall</b> - consisting of 2x 280930, 2x 280931, 5x 280936.10						2-280930.Set ●

● = Stock item / ○ = Item is made to order

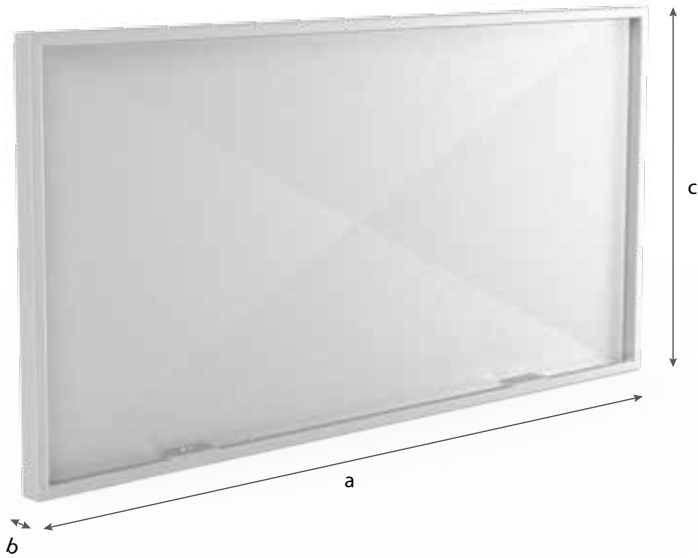
## Protective Welding Wall

### Description:

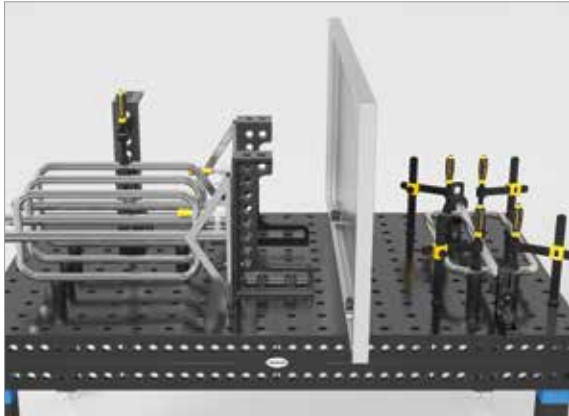
Protective Welding Wall, enables dividing the table into two workspaces. Position and size of workspaces are determined by individual requirements.

The Protective Wall protects workspaces that are located next to each other from welding spatters. The Protective Welding Wall is made of zinc coated sheet and is attached with two bolts.

(The Protective Welding Wall is not scratch-proof due to production-related reasons).



280980



**Protective Welding Wall**  
- Custom color varnish available against surcharge

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
1600 mm	50 mm	800 mm	23,00 kg	2-280980 ●

● = Stock item / ○ = Item is made to order



Ground Connection Comfort

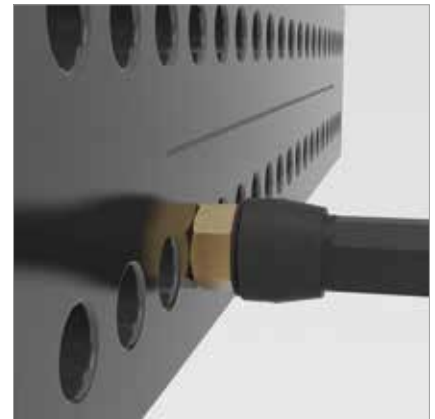
**Description:**

Ground Connection, guarantees 100% contact to the welding table, therefore no overheating is possible. Simple installation by fastening it in a system bore hole.

Load up to 500 ampere  
Cable cross section 70-95 mm<sup>2</sup>



000810



<b>Ground Connection Comfort</b>	Item No. 2-000810 ●
----------------------------------	------------------------

● = Stock item / ○ = Item is made to order

## Brush

### Description:

Brush with a diameter of 30 mm, especially designed for cleaning 28 mm bore holes. Grime can be removed effortlessly with this brush.



280820

280820.10



**Brush Ø 30 with protecting cover**  
- with protecting cover

**Brush Ø 30 for drill bit / 10 piece pack**

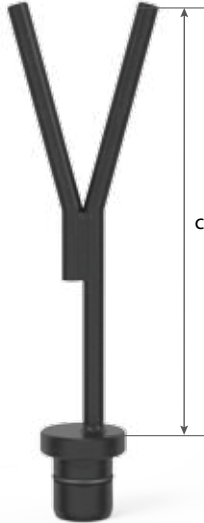
Ø: (o)	Weight:	Item No.
30 mm	0,06 kg	2-280820 ●
30 mm	0,06 kg	2-280820.10 ●

● = Stock item / ○ = Item is made to order

Burner Holder

**Description:**

Burner Holder, can be positioned in each system bore hole and offers an attachment for your welding burner.



280920



Height: (c)	Weight:	Item No.
200 mm	0,50 kg	2-280920 ●

**Burner Holder**  
- Burnished

● = Stock item / ○ = Item is made to order

## Allen Wrench 6



280852.1

280852



### Description:

Allen Key 6, the practical tool to tighten screws quickly and safely. It is an effective support for working with clamping bolts, screw clamps and small universal squares.

**Allen Wrench 6**  
- yellow

**Allen Wrench 6**  
- red

Weight: Item No.

0,09 kg 2-280852.1 ●

0,50 kg 2-280852 ●

● = Stock item / ○ = Item is made to order



Allen Wrench 14

**Description:**

Allen Wrench 14, used to tighten positioning bolts and large universal squares.



280854



**Allen Wrench 14**

Weight:

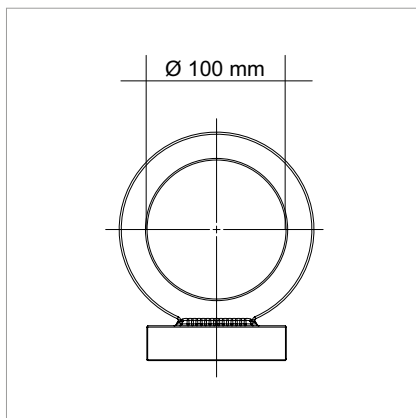
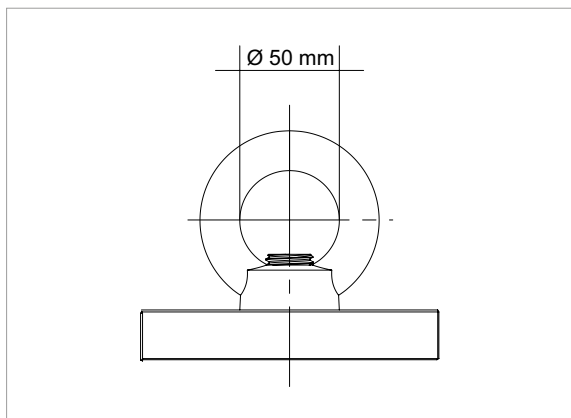
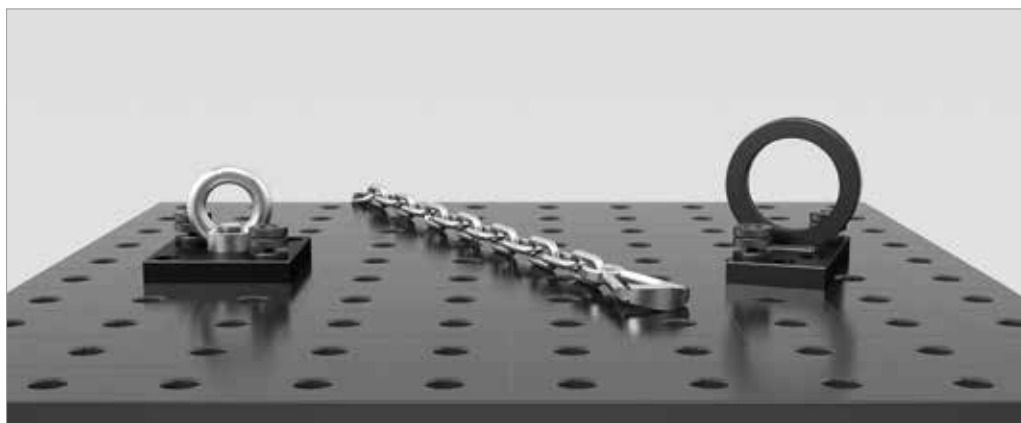
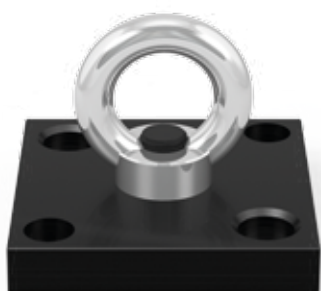
Item No.

0,45 kg

2-280854 ●

● = Stock item / ○ = Item is made to order

## Shipping Bracket



### Description:

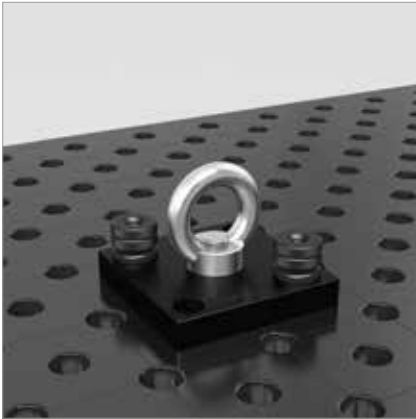
Shipping Bracket with Mounting Plate, load-bearing capacity 1,800 kg. It is used to transport Siegmund welding tables and other heavy components safely and easily. It is fastened quickly and simply, using at least 2 clamping bolts.

The general rules and regulations for shipping brackets have to be followed while the bracket is in use. Depending on the specific application, the load-bearing capacity can be substantially reduced. During transport, the table must not be raised more than 100 mm, and no one is allowed below the table.

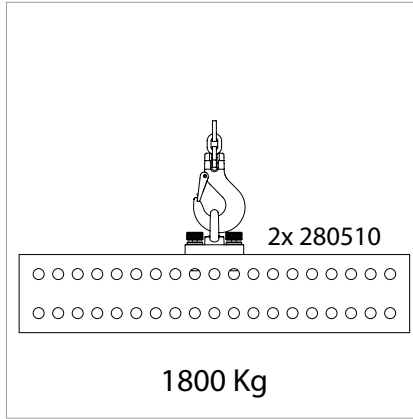
In addition, the Shipping Bracket can be used as a simple attachment for shipping straps.

Please consider following safety instructions:  
 Ring nuts should be completely bolted.  
 Ring nuts should bear flat and completely on support surface.  
 Length of mating thread has to be sufficient.  
 Lateral pull should be avoided.

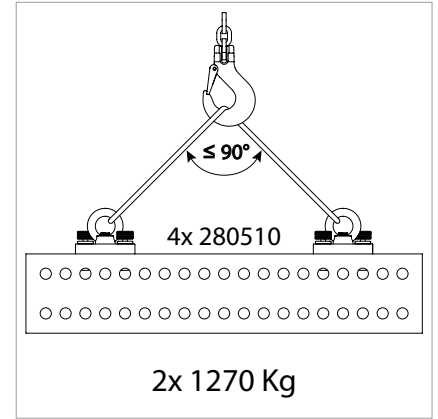




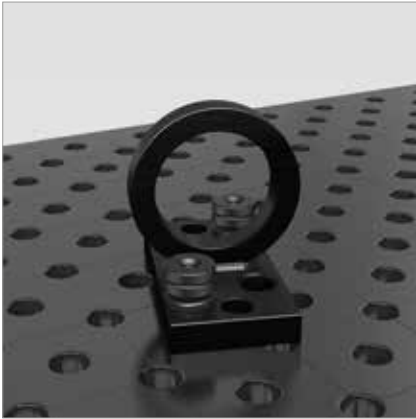
000830



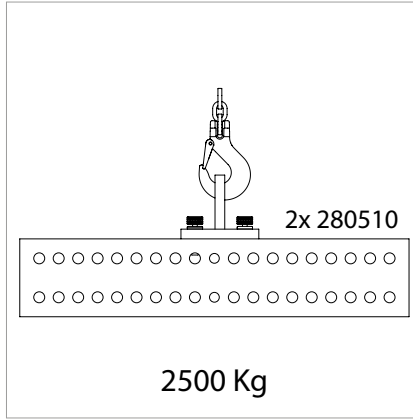
000830



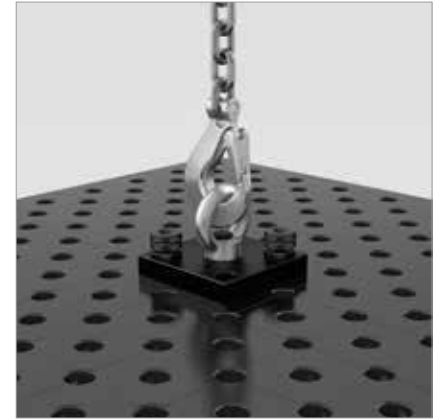
000830



000835



000835



000830

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Shipping Bracket with Fastening Plate</b> - 1800 kg load-bearing capacity	150 mm	150 mm	25 mm	4,70 kg	2-000830 ●
<b>Mounting Plate, 150x150x25 for Shipping Bracket</b>	150 mm	150 mm	25 mm	3,90 kg	2-000830.T1 ●
<b>Shipping Bracket without Fastening Plate</b>				0,70 kg	2-000831 ●
<b>Shipping Bracket</b> - 2500 kg load-bearing capacity (with 2x 280510) System 28 - 700 kg load-bearing capacity (with 2x 160510) System 16	200 mm	100 mm	165 mm	4,50 kg	2-000835 ●

● = Stock item / ○ = Item is made to order







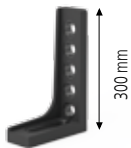
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Set 1 Aluminum / Set 2 Aluminum	400
Set 3 Aluminum / Set 4 Aluminum	402

## Set 1

2-283100

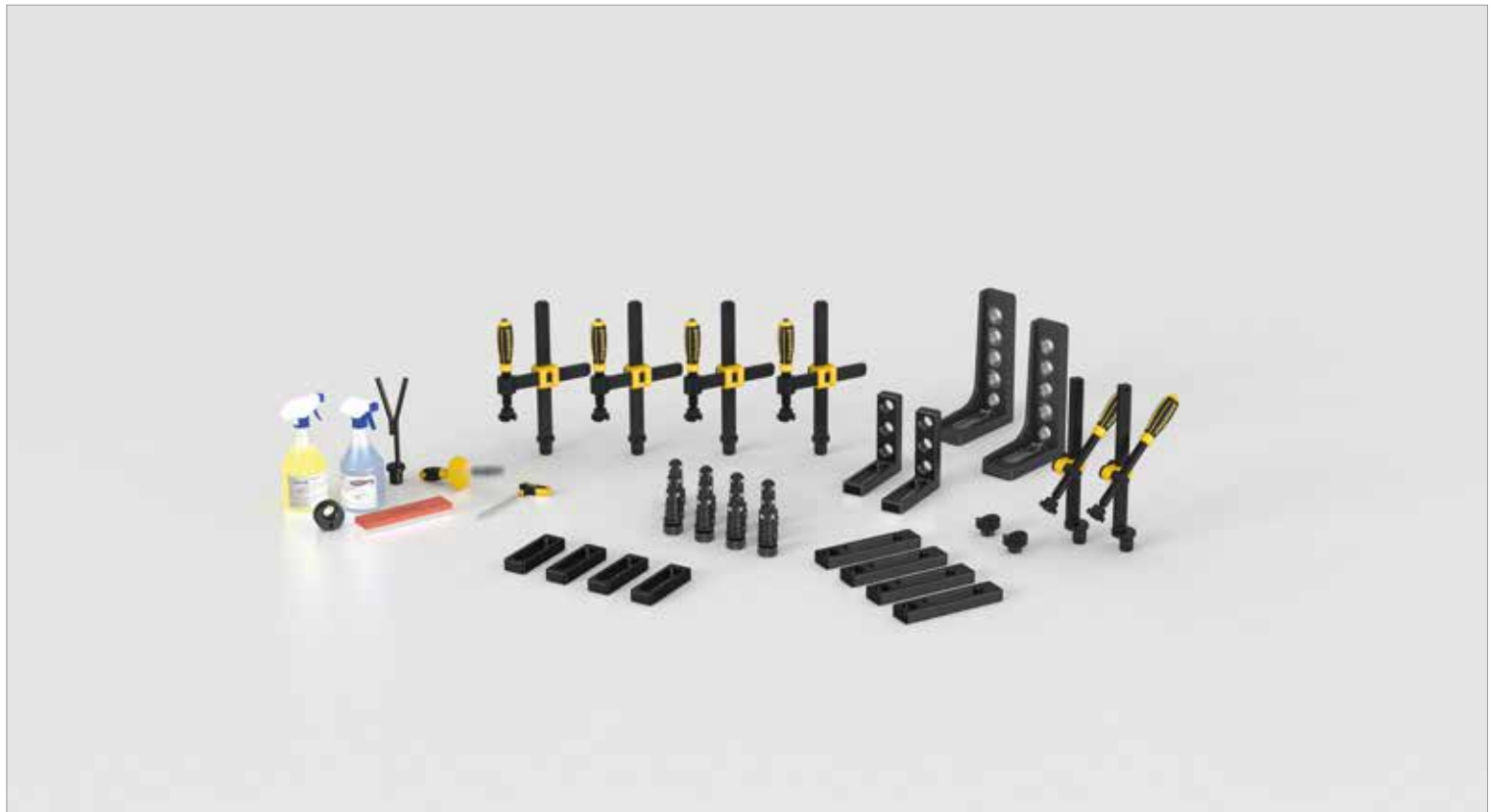


Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
Burnished	Burnished	Burnished	Burnished	Nitrided	Nitrided	Cast iron / Nitrided
280610	280630	280648.1	280510	280410.N	280420.N	280110.N
4 x	2 x	2 x	12 x	4 x	4 x	2 x



Square
Burnished
280152
2 x

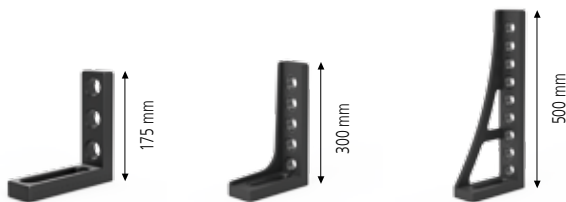
incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920



2-283200

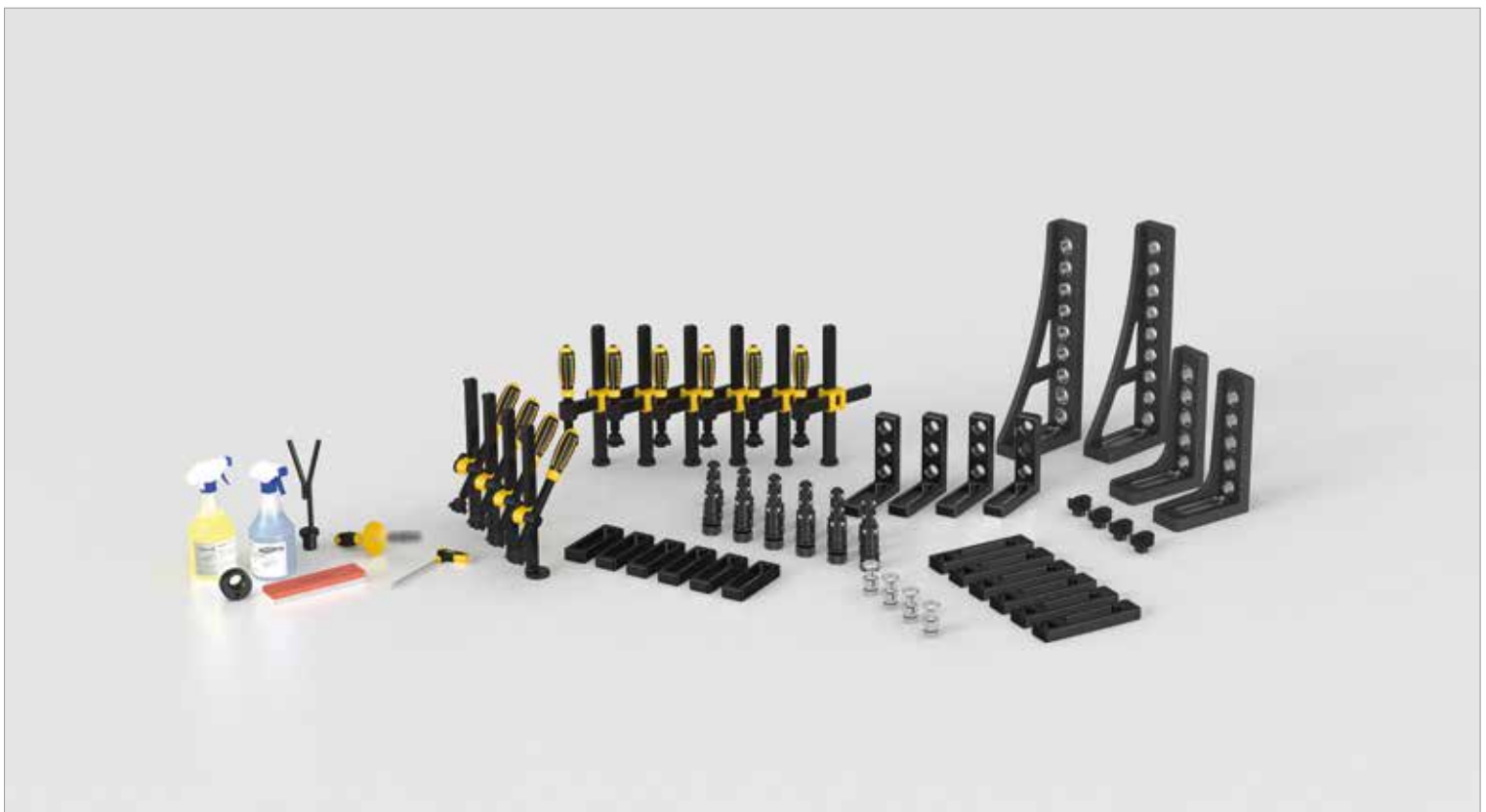


Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop	Stop
Burnished	Burnished	Burnished	Burnished	Aluminum	Nitrided	Nitrided
280610	280630	280648.1	280510	280740	280410.N	280420.N
6 x	4 x	4 x	18 x	4 x	6 x	6 x



Square	Square	Square
Cast iron / Nitrided	Burnished	Burnished
280110.N	280152	280162
4 x	2 x	2 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920

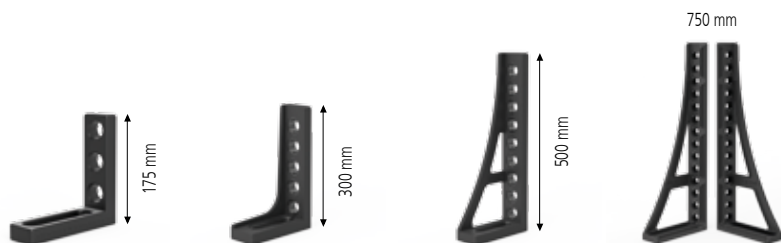


## Set 3

2-283300

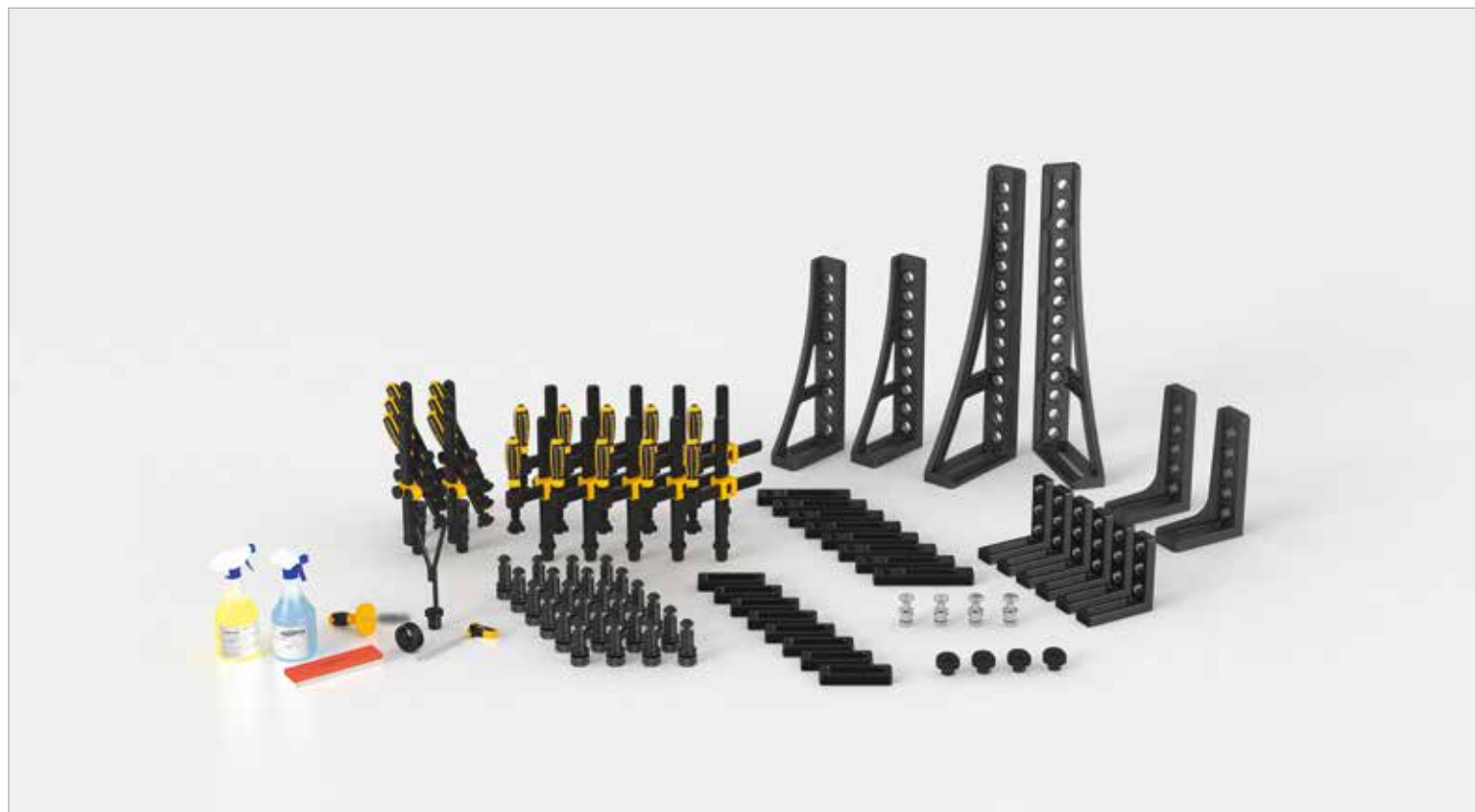


Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop	Stop
Burnished	Burnished	Burnished	Burnished	Aluminum	Nitrided	Nitrided
280610	280630	280648.1	280510	280740	280410.N	280420.N
10 x	6 x	4 x	24 x	4 x	8 x	8 x



Square	Square	Square	Square
Cast iron / Nitrided	Burnished	Burnished	Plasma nitrided
280110.N	280152	280162	280166+67.P
6 x	2 x	2 x	1 x + 1 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920

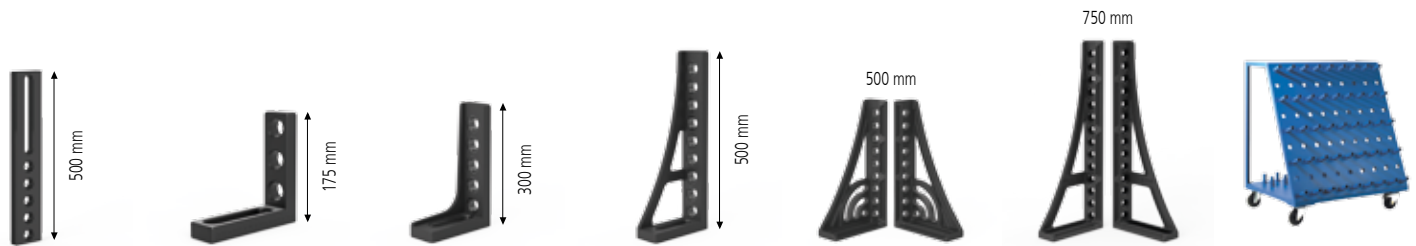




2-283400

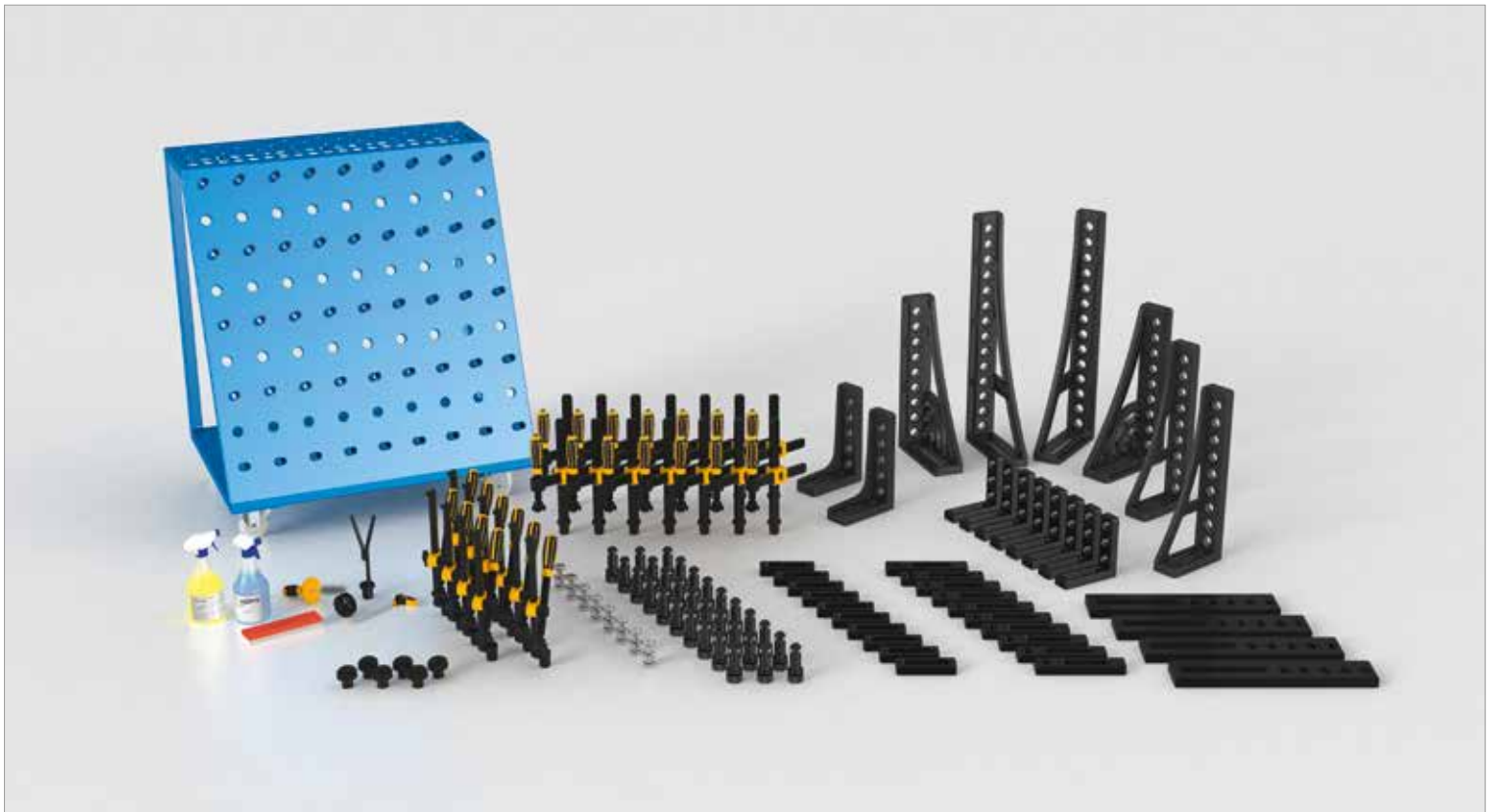


Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop	Stop
Burnished	Burnished	Burnished	Burnished	Aluminum	Nitrided	Nitrided
280610	280630	280648.1	280510	280740	280410.N	280420.N
14 x	10 x	6 x	30 x	8 x	10 x	10 x



Stop	Square	Square	Square	Square	Square	Tool Cart
Burnished	Cast iron / Nitrided	Burnished	Burnished	Cast iron / Burnished	Plasma nitrided	
280430	280110.N	280152	280162	280164+65	280166+67.P	280910
4 x	8 x	2 x	2 x	1 x + 1 x	1 x + 1 x	1 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920



## Set 5

2-283500



Clamp

Burnished

280610

14 x



Clamp

Burnished

280630

10 x



Prism

Burnished

280648.1

8 x



Bolt

Burnished

280510

36 x



Magnetic Bolt

Aluminum

280740

8 x



Stop

Nitrided

280410.N

12 x

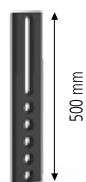


Stop

Nitrided

280420.N

12 x

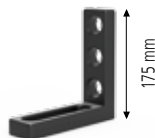


Stop

Burnished

280430

4 x

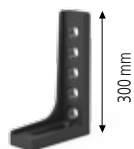


Square

Cast iron / Nitrided

280110.N

12 x

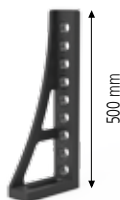


Square

Burnished

280152

2 x

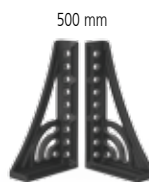


Square

Burnished

280162

2 x



Square

Cast iron / Burnished

280164+65

1 x + 1 x



Square

Plasma nitrided

280166+67.P

1 x + 1 x



Square

Plasma nitrided

280144+46.P

1 x + 1 x



Tool Cart

280910

1 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920



## Set 1 Aluminum

2-283100.A



Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
280610	280630	280659	280510	280410.A	280420.A	280110.A
8 x	2 x	10 x	12 x	6 x	6 x	2 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920

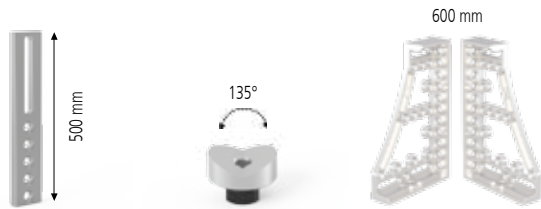




2-283200.A



Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
280610	280630	280659	280510	280410.A	280420.A	280110.A
10 x	4 x	14 x	24 x	6 x	6 x	6 x



Stop	Prism	Square
Chromed	Aluminum	Aluminum-Titanium
280430.C	280648.1.A	280138+39
2 x	2 x	1 x + 1 x

incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920

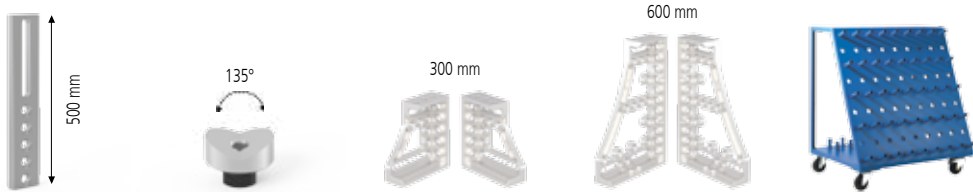


## Set 3 Aluminum

2-283300.A



Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
280610	280630	280659	280510	280410.A	280420.A	280110.A
12 x	6 x	18 x	36 x	8 x	8 x	6 x



Stop	Prism	Square	Square	Tool Cart
Chromed	Aluminum	Aluminum-Titanium	Aluminum-Titanium	
280430.C	280648.1.A	280120+21	280138+39	280910
4 x	4 x	1 x + 1 x	1 x + 1 x	1 x

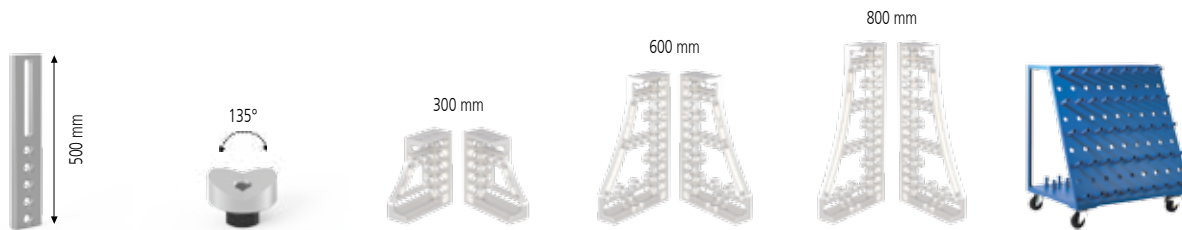
incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920



2-283400.A

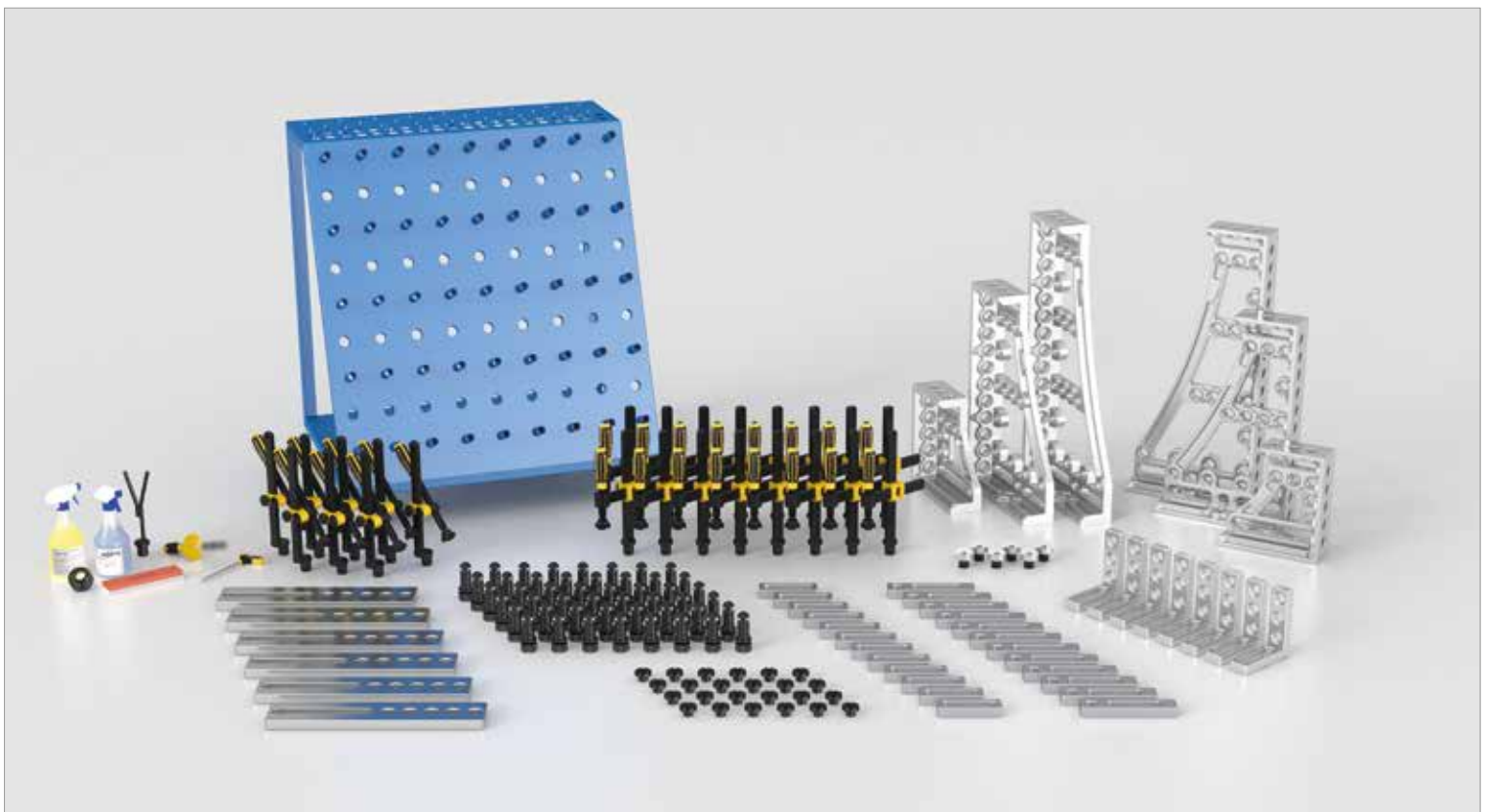


Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
280610	280630	280659	280510	280410.A	280420.A	280110.A
16 x	8 x	24 x	48 x	12 x	12 x	8 x



Stop	Prism	Square	Square	Square	Tool Cart
Chromed	Aluminum	Aluminum-Titanium	Aluminum-Titanium	Aluminum-Titanium	
280430.C	280648.1.A	280120+21	280138+39	280140+41	280910
6 x	6 x	1 x + 1 x	1 x + 1 x	1 x + 1 x	1 x

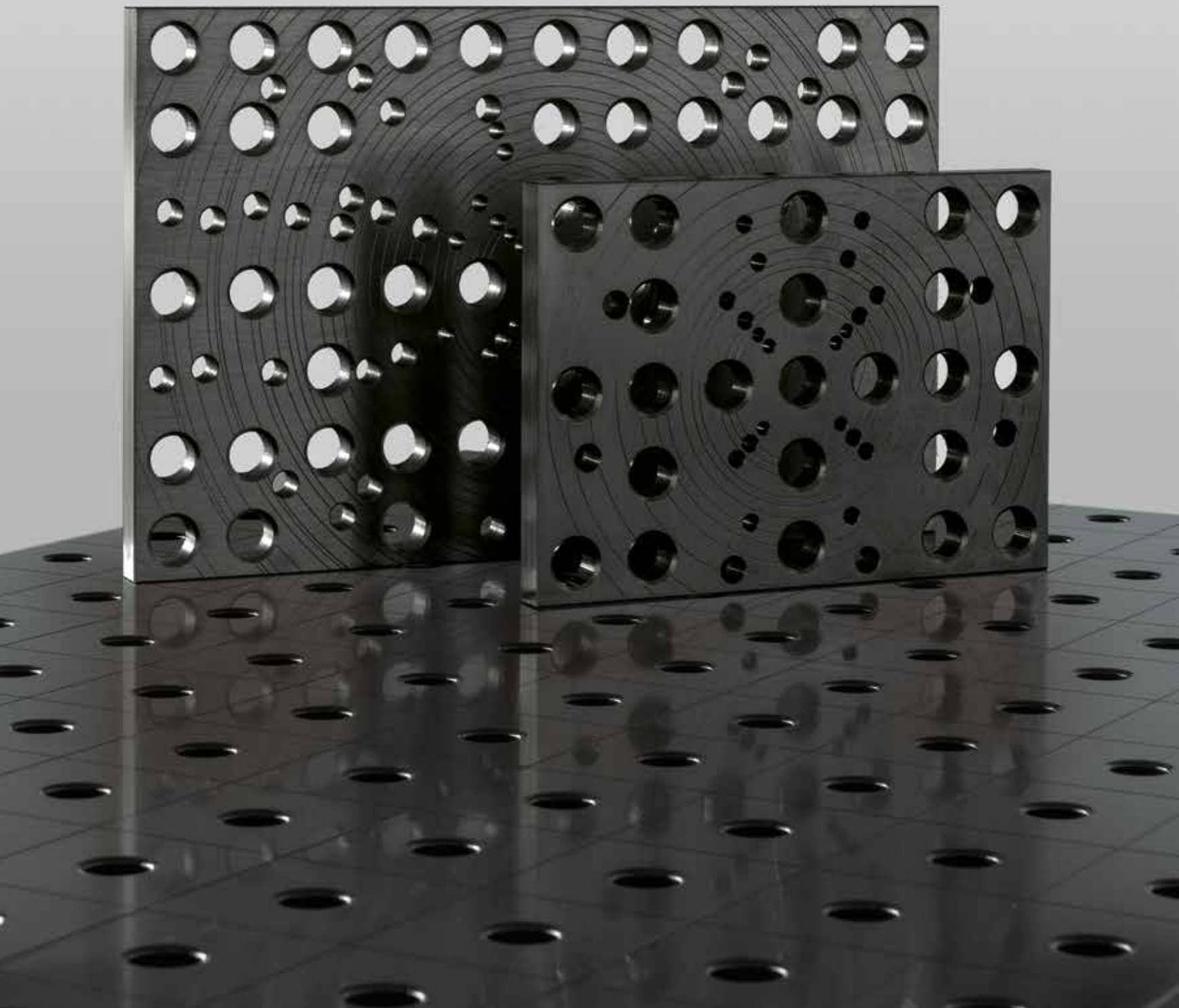
incl. Accessories-Set (283999): 1x 280402, 1x 280852.1, 1x 280820, 1x 000940, 1x 000911, 1x 000921, 1x 280920



16  
+  
28

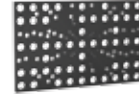
FLANGES

siegmund®

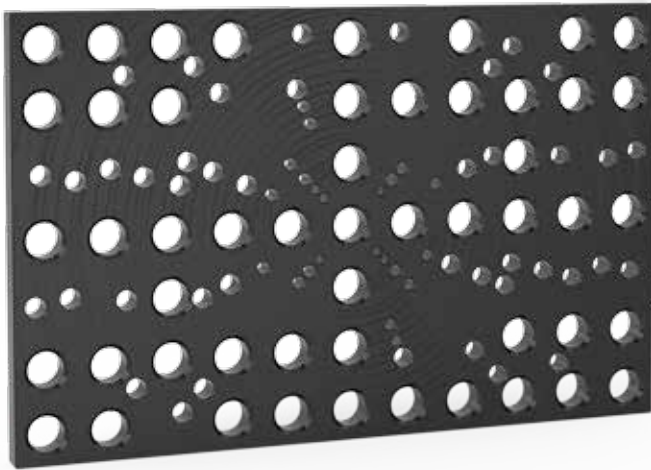




	Page
Clamping Plate 550	406
Clamping Plate 350	408
Clamping Plate US Standards	410



## Clamping Plate 550 for DIN Flanges

**Description:**

Clamping Plate 550 for DIN flanges, attached with clamping bolts to Siegmund elements, like squares. Pipe flanges can be positioned quickly at the clamping plate by using fixing bolts. The 28 mm bore holes provide fastening of additional clamping elements, enabling a wide range of application options.

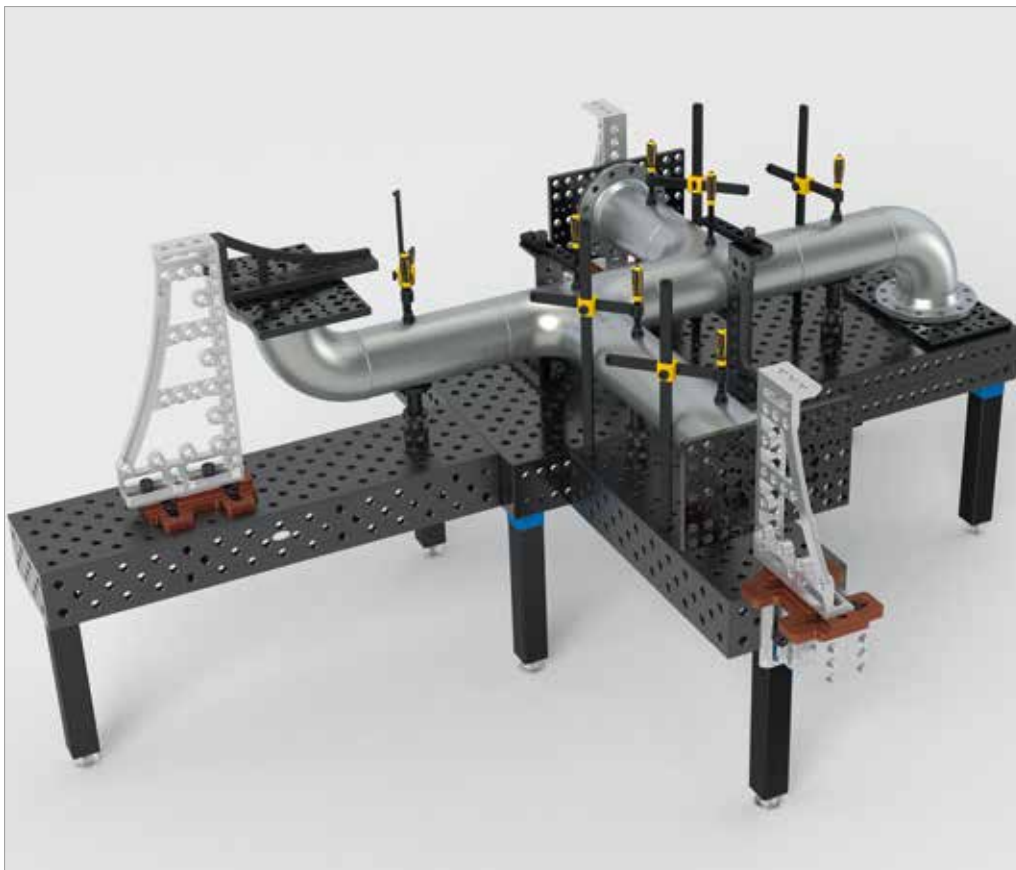
Additional nominal widths are available upon request.

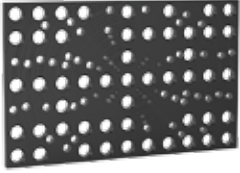
Scope of delivery for Clamping Plate 550:

- 2 x fixing bolts Ø 13.8
- 2 x fixing bolts Ø 17.8
- 2 x fixing bolts Ø 21.8
- 2 x fixing bolts Ø 25.8
- 2 x fixing bolts Ø 29.8
- 2 x fixing bolts Ø 32.8

In order to utilize the Clamping Plate in system 16 connection elements like Connecting Bolts (Item No. 000562), Combination Clamping Bolts (Item No. 000520), or Reduction Bushings (Item No. 000546) are required.

Weight: approx. 30 kg





280220.P



280222



280223



280224



280225



280226



280227

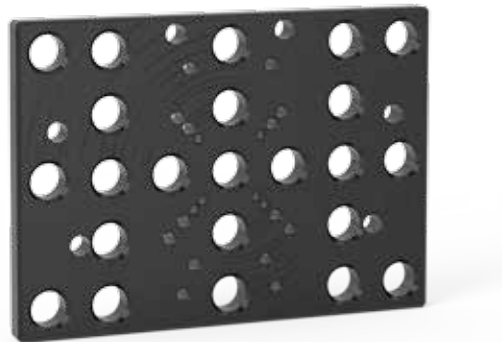
	Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
<b>Clamping Plate 550 for DIN Flanges Nitrided with Fixing Bolt</b> for flanges DIN 2632 / 2633 nominal widths DN 15 - DN 400 for flanges DIN 2634 / 2635 nominal widths DN 50 - DN 300	550 mm	350 mm	25 mm	30,00 kg	2-280220.P ●

MS=Material thickness;

	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Fixing Bolt Ø 13,8 for bore 8.1</b> - for Clamping Plate 280220 / 280221 - Burnished	39 mm	13,8 mm	0,03 kg	2-280222 ●
<b>Fixing Bolt Ø 17,8 for bore 10.1</b> - for Clamping Plate 280220 / 280221 - Burnished	41 mm	17,8 mm	0,05 kg	2-280223 ●
<b>Fixing Bolt Ø 21,8 for bore 16.1</b> - for Clamping Plate 280220 / 280221 - Burnished	47 mm	21,8 mm	0,10 kg	2-280224 ●
<b>Fixing Bolt Ø 25,8 for bore 16.1</b> - for Clamping Plate 280220 / 280221 - Burnished	50 mm	25,8 mm	0,14 kg	2-280225 ●
<b>Fixing Bolt Ø 29,8 for bore 16.1</b> - for Clamping Plate 280220 / 280221 - Burnished	55 mm	29,8 mm	0,20 kg	2-280226 ●
<b>Fixing Bolt Ø 32,8 for bore 16.1</b> - for Clamping Plate 280220 / 280221 - Burnished	60 mm	32,8 mm	0,27 kg	2-280227 ●

● = Stock item / ○ = Item is made to order

## Clamping Plate 350 for DIN Flanges

**Description:**

Clamping Plate 350 for DIN flanges, attached with clamping bolts to Siegmund elements, like squares. Pipe flanges can be positioned quickly at the clamping plate by using fixing bolts. The 28 mm bore holes provide fastening of additional clamping elements, enabling a wide range of application options.

Additional nominal widths are available upon request.

Scope of delivery for Clamping Plate 350:

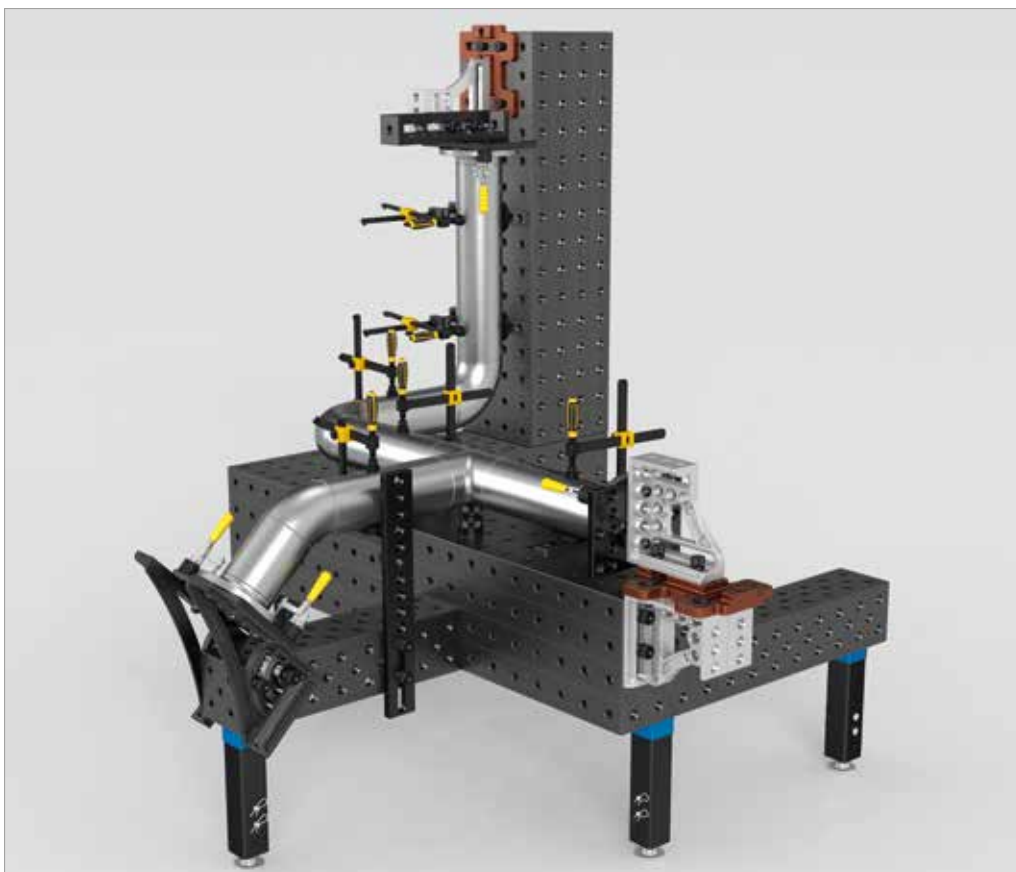
2 x fixing bolts Ø 13.8

2 x fixing bolts Ø 17.8

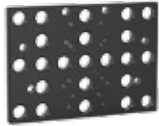
2 x fixing bolts Ø 21.8

In order to utilize the Clamping Plate in system 16 connection elements like Connecting Bolts (Item No. 000562), Combination Clamping Bolts (Item No. 000520), or Reduction Bushings (Item No. 000546) are required.

Weight: approx. 14 kg







280221.P



280222



280223



280224

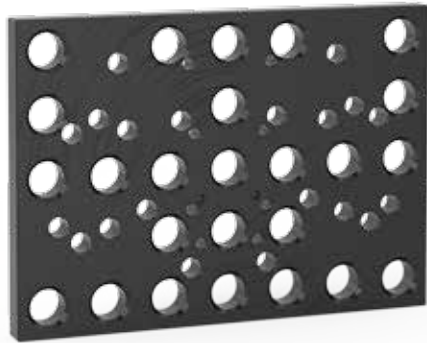
	Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
<b>Clamping Plate 350 for DIN Flanges Nitrided with Fixing Bolt</b> for flanges DIN 2633 nominal width DN 15 - DN 200	350 mm	250 mm	25 mm	14,00 kg	2-280221.P ●

MS=Material thickness;

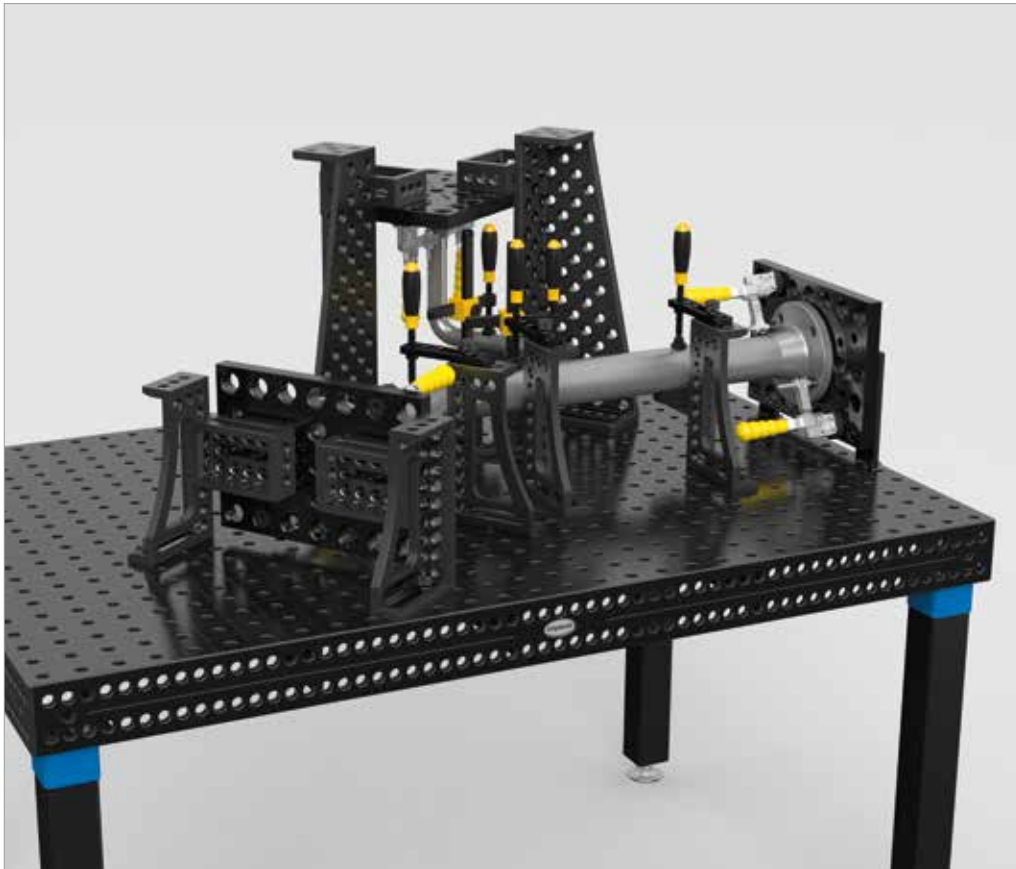
	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Fixing Bolt Ø 13,8 for bore 8.1</b> - for Clamping Plate 280220 / 280221 - Burnished	39 mm	13,8 mm	0,03 kg	2-280222 ●
<b>Fixing Bolt Ø 17,8 for bore 10.1</b> - for Clamping Plate 280220 / 280221 - Burnished	41 mm	17,8 mm	0,05 kg	2-280223 ●
<b>Fixing Bolt Ø 21,8 for bore 16.1</b> - for Clamping Plate 280220 / 280221 - Burnished	47 mm	21,8 mm	0,10 kg	2-280224 ●

● = Stock item / ○ = Item is made to order

## Clamping Plate US Standards ANSI / ASME



Weight: approx. 14 kg

**Description:**

Clamping Plate for US standard, attached with clamping bolts to Siegmund elements, like squares. Pipe flanges can be positioned quickly at the clamping plate by using fixing bolts. 28 mm bore holes provide fastening of additional clamping elements, enabling a wide range of application options.

Additional nominal widths are available upon request.

Scope of delivery for Clamping Plate 150 lbs:

- 2 x fixing bolts Ø 15.5
- 2 x fixing bolts Ø 18.9
- 2 x fixing bolts Ø 22.2

Scope of delivery for Clamping Plate 300 lbs:

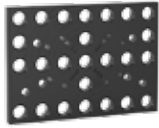
- 2 x fixing bolts Ø 15.5
- 2 x fixing bolts Ø 18.9
- 2 x fixing bolts Ø 22.2
- 2 x fixing bolts Ø 25.2

Scope of delivery for Clamping Plate 400-600 lbs:

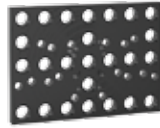
- 2 x fixing bolts Ø 15.5
- 2 x fixing bolts Ø 18.9
- 2 x fixing bolts Ø 22.2
- 2 x fixing bolts Ø 25.2
- 2 x fixing bolts Ø 28.2

In order to utilize the Clamping Plate in system 16 connection elements like Connecting Bolts (Item No. 000562), Combination Clamping Bolts (Item No. 000520), or Reduction Bushings (Item No. 000546) are required.





280250.P



280251.P



280252.P



280255



280256



280257



280258



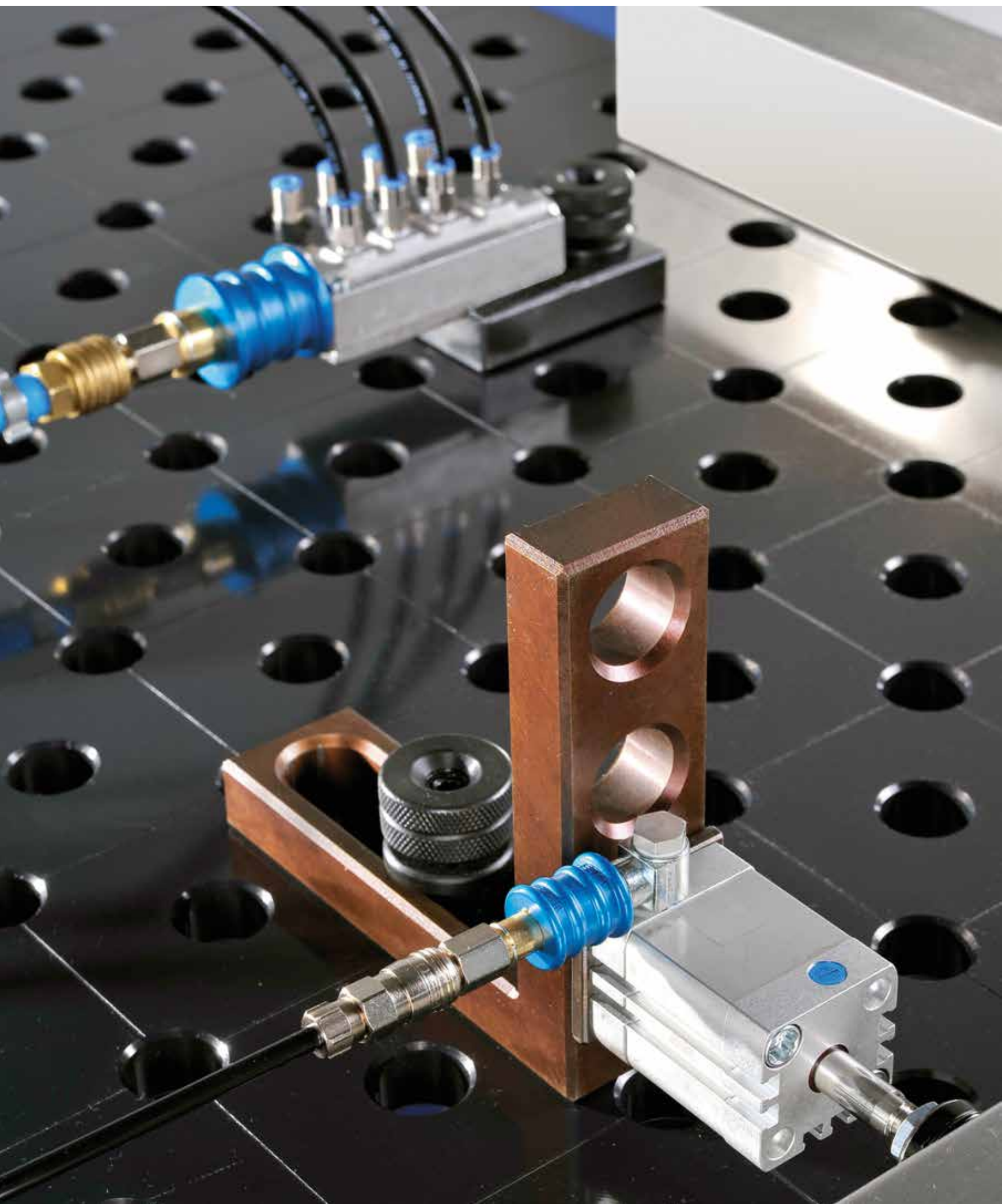
280259

	Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
<b>Clamping Plate 150 lbs Nitrided with Fixing Bolt</b> for flange US standard ANSI / ASME B 16,5 150 lbs from 1/2" to 8"	350 mm	250 mm	25 mm	14,00 kg	2-280250.P ●
<b>Clamping Plate 300 lbs Nitrided with Fixing Bolt</b> for flange US standard ANSI / ASME B 16,5 300 lbs from 1/2" to 8"	350 mm	250 mm	25 mm	14,00 kg	2-280251.P ●
<b>Clamping Plate 400-600 lbs Nitrided with Fixing Bolt</b> for flange US standard ANSI / ASME B 16,5 400-600 lbs from 1/2" to 6"	350 mm	250 mm	25 mm	14,00 kg	2-280252.P ●

MS=Material thickness;

	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Fixing Bolt Ø 15,5</b> - for Clamping Plate 280250 / 280251 / 280252	39 mm	15,5 mm	0,03 kg	2-280255 ●
<b>Fixing Bolt Ø 18,9</b> - for Clamping Plate 280250 / 280251 / 280252	41 mm	18,9 mm	0,05 kg	2-280256 ●
<b>Fixing Bolt Ø 22,2</b> - for Clamping Plate 280250 / 280251 / 280252	45 mm	22,2 mm	0,10 kg	2-280257 ●
<b>Fixing Bolt Ø 25,2</b> - for Clamping Plate 280251 / 280252	50 mm	25,2 mm	0,14 kg	2-280258 ●
<b>Fixing Bolt Ø 28,2</b> - for Clamping Plate 280252	50 mm	28,2 mm	0,16 kg	2-280259 ●

● = Stock item / ○ = Item is made to order

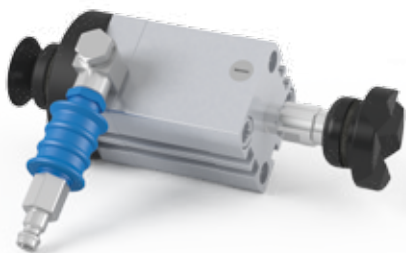




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Pneumatic Clamps	414



Pneumatic Clamps



000850



000851



000855



000860

**Description:**

By using the Pneumatic Cylinder, you can automate the clamping of your components, in order to maximize time- and cost effectiveness. In addition, automation guarantees precise measurements, such as clamping pressure, cycle times, etc.

Assisted by adapters, the Pneumatic Cylinder Short Version (Item No. 000850, 000851) can be mounted into the system boreholes.

The Pneumatic Cylinder Long Version (Item No. 000855) is fastened with a system 28 thread bushing in the threaded boreholes.

Via a distribution block (Item No. 000860) the pneumatic cylinder is connected with the compressor and can be actuated at an operating pressure of 1 to 10 bar. Depending on the type of pressure cylinder, the lifting range is 25 mm or 50 mm. By operating the respective sliding valve the tension is released.





	Force:	Weight:	Item No.
<b>Pneumatic Cylinder, short Form incl. Adapter System 16</b>	F = 650 N at 8 bar	0,90 kg	0-000850 ○
<b>Pneumatic Cylinder, short Form incl. Adapter System 28</b>	F = 650 N at 8 bar	0,93 kg	0-000851 ○
<b>Pneumatic Cylinder, long form for System 28</b>	F = 350 N at 8 bar	0,80 kg	0-000855 ○
<b>Manifold 8 Outlets</b>		0,14 kg	0-000860 ○

● = Stock item / ○ = Item is made to order

16  
+  
28

CONNECTING ELEMENTS 16<->28

siegmund®

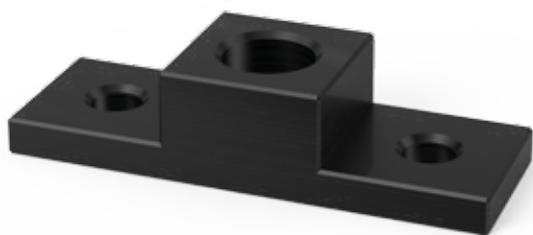




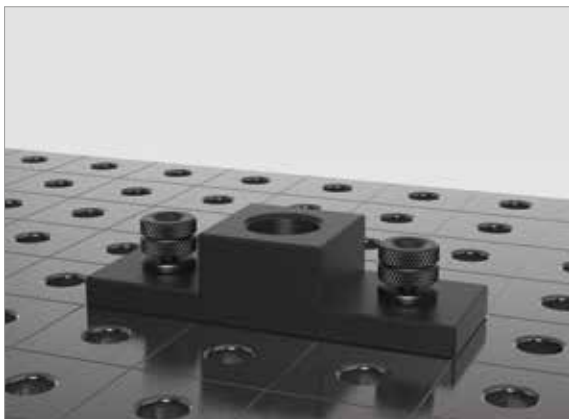
	Page
Adapter Plate / Combination Fast Clamping Bolt 28 -> 16	418
Reduction Bushing	420
Connecting Bolt / Adapter Sleeve	422



Adapter Plate 28 -> 16

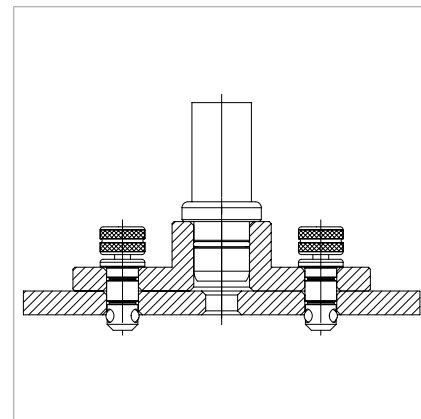


000570



**Description:**

Adapter Plate, especially developed in order to fasten 28 mm screw clamps on 16 mm tables. The Plate is fixed onto the table using clamping bolts. The 28 mm hole located in the center is used to quickly and safely fasten the screw clamp.



**Adapter Plate 28 -> 16**  
- Burnished

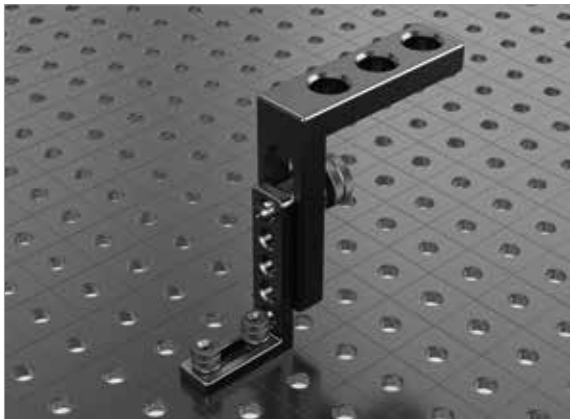
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
150 mm	50 mm	35 mm	0,94 kg	2-000570 ●

● = Stock item / ○ = Item is made to order

Combination Fast Clamping Bolt 28 -> 16



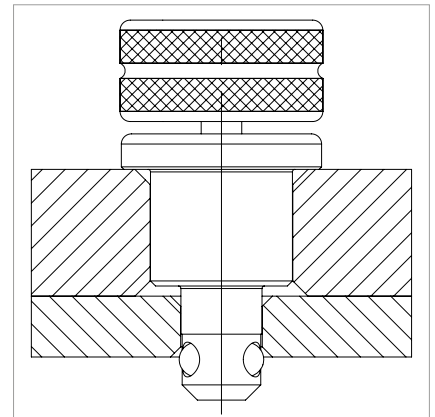
000520



**Description:**

Combination Fast Clamping Bolt, developed specifically to bolt system 28 components to system 16 welding tables. The ball size and clamping force correspond with 16 mm fast clamping bolts. The fourth ball located in the center reduces internal friction and increases the force of the handwheel. The new design of the Fast Clamping Bolt dispenses with the O-rings, however it is still easy to clean.

This Bolt is NOT approved for combining tables and U-shaped squares!



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Combination Fast Clamping Bolt 28 -&gt; 16 short - Burnished</b>	75 mm	40 mm	0,32 kg	55,00 kN	10,00 Nm	10,00 kN	2-000520 ●

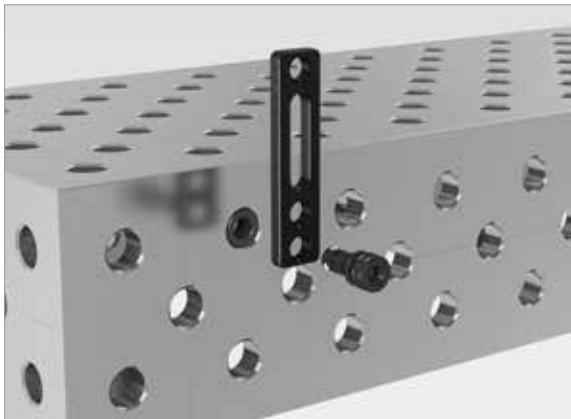
SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

Reduction Bushing 16 -> 28

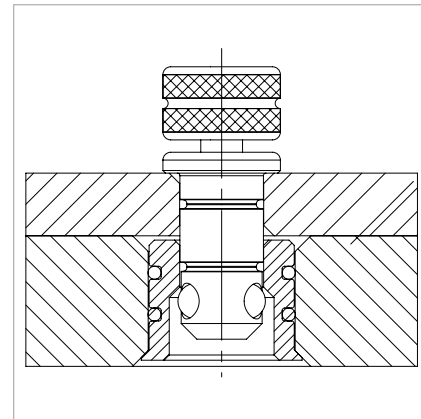


000545



**Description:**

Reduction Bushing 16 -> 28, especially developed for clamping of 16 mm components onto 28 mm tables. Using a 16 mm bolt, the Reducing Bushing is mounted on a 28 mm table, thereby giving the option to bolt a 16 mm clamping element. The Reducing Bushing is suited for 28 mm bore holes, but not for 28 mm oblong slots.



**Reduction Bushing 16 -> 28**  
- Burnished

Length: (a)	Ø: (o)	Weight:	Item No.
23 mm	32 mm	0,05 kg	2-000545 ●

● = Stock item / ○ = Item is made to order



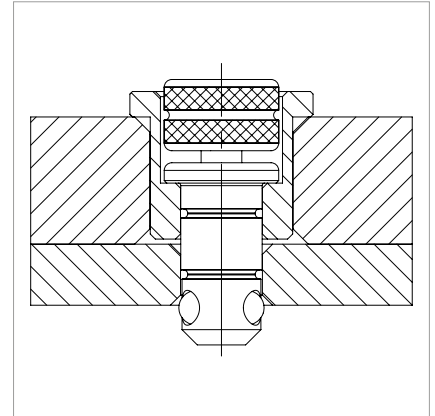
## Reduction Bushing 28 -&gt; 16

**Description:**

Reduction Bushing 28 -> 16, especially developed for clamping of 28 mm components onto system 16 tables. It is mounted onto a system 28 element, thereby giving the option to use a 16 mm clamp. They are suitable for both 28 mm bore holes as well as 28 mm oblong slots.



000546



Height: (c)	Ø: (o)	Weight:	Item No.
29 mm	36 mm	0,07 kg	2-000546 ●

● = Stock item / ○ = Item is made to order

Connecting Bolt 28 <-> 16

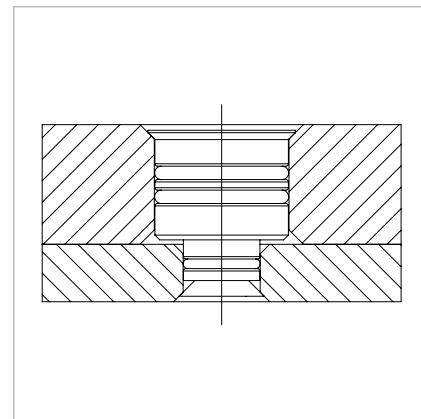


000562



**Description:**

Connecting Bolt, especially designed to connect 16 mm and 28 mm tables. All 16 mm and 28 mm components can be interconnected using the system bore holes.



**Connecting Bolt 28 <-> 16**  
- Burnished

Height: (c)	Ø: (o)	Weight:	Item No.
33 mm	33 mm	0,12 kg	2-000562 ●

● = Stock item / ○ = Item is made to order

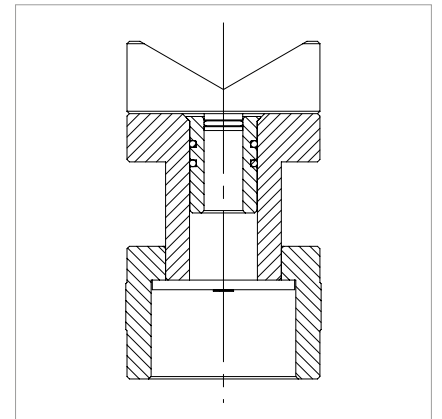
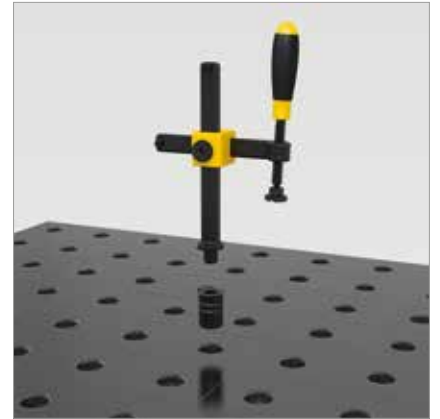
## Adapter Sleeve 16 -&gt; 28

## Description:

Adapter Sleeve, especially developed to accommodate 16 mm components in 28 mm system bore holes (not suitable for clamping with clamping bolts). 16 mm components can also be used when Adapter Sleeve (Item No. 280822) is installed into screw bases.



000547



Length: (a)	Ø: (o)	Weight:	Item No.
40 mm	31 mm	0,12 kg	2-000547 ●

**Adapter Sleeve 16 -> 28**  
- Burnished

● = Stock item / ○ = Item is made to order





	Page
Anti-Spatter	426
Clean / CleanBasic	428
Oilstone	430



## Anti-Spatter Liquid with Corrosion Protection



000922



000924



000929



000926



000928

**Description:**

Anti-Spatter, non-flammable, water soluble anti-spatter agent, preventing the welding table from welding spatter burn-in.

Anti-Spatter can also be used on welding elements (e.g. steel, stainless steel, aluminum, galvanized parts). Prior to varnishing welding parts, any dried residue has to be removed with an appropriate cleaner.

Following is recommended: Water, water-based, acidic and neutral cleaners (e.g. 2% Anti-Spatter added to water). Not suitable are degreasers or chlorinated hydrocarbon.

Anti-Spatter should be applied primarily using an aerosol can (alternatively with a brush, rag, etc.). The Anti-Spatter is equally effective in damp and dried conditions. The welding spatters can be simply wiped off after welding.

The yearly cost of Anti-Spatter, used on a daily basis, amount to \$ 27-40 per square meter.

The material safety data sheet is available online.



	Weight:	Item No.
<b>Anti-Spatter Liquid with Corrosion Protection</b> - bottle 1 kg	1,10 kg	2-000922 ●
<b>Anti-Spatter Liquid with Corrosion Protection</b> - spray bottle 1 kg	1,10 kg	2-000924 ●
<b>Anti-Spatter Liquid with Corrosion Protection</b> - pump bottle 1 kg	1,10 kg	2-000929 ●
<b>Anti-Spatter Liquid with Corrosion Protection</b> - canister 5 kg	5,20 kg	2-000926 ●
<b>Anti-Spatter Liquid with Corrosion Protection</b> - canister 33 kg	33,50 kg	2-000928 ●

● = Stock item / ○ = Item is made to order

Clean / Welding Table Cleaner



000932

000934



**Description:**

Clean Welding Table Cleaner is a very strong cleaner. It is well suited to remove grease, oil or similar grime. The cleaner is partially based on biological ingredients. It diffuses through the plastic container, possibly reducing the volume. However, the cleaning effectiveness can be guaranteed for at least one year. Clean Welding Table Cleaner is flammable.

The material safety data sheet is available online.

	Weight:	Item No.
<b>Clean / Welding Table Cleaner</b> - spray bottle 500 ml	0,60 kg	2-000932 ●
<b>Clean / Welding Table Cleaner</b> - canister 5 kg	5,20 kg	2-000934 ●

● = Stock item / ○ = Item is made to order





000913



000914



000915



000917



**Description:**

Clean Basic is a water-based cleaner, suited for the daily cleaning of the table. Under regular conditions, the anti-corrosive ingredients prevent rust. However, if rust should appear as a result of extremely high humidity, a water-based cleaner should not be used.

The material safety data sheet is available online.

	Weight:	Item No.
CleanBasic - bottle 1 kg	1,10 kg	2-000913 ●
CleanBasic - spray bottle 1 kg	1,10 kg	2-000914 ●
CleanBasic - canister 5 kg	5,20 kg	2-000915 ●
CleanBasic - canister 33 kg	33,50 kg	2-000917 ●

● = Stock item / ○ = Item is made to order

Oilstone



000942

000940



**Description:**

To maintain the smooth surface of the welding table and other Siegmund elements, a flat oil stone should be used exclusively, in order to remove damages or welding spatters. We strongly advise against the use of other abrasives and grinding machines, like flex discs. With the Siegmund Oilstone, you have the ideal tool to maintain the smoothness of the table surface.










	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Oilstone</b> - 150x50x25	150 mm	50 mm	25 mm	0,42 kg	2-000942 ●
<b>Oilstone</b> - 200x50x25	200 mm	50 mm	25 mm	0,56 kg	2-000940 ●

● = Stock item / ○ = Item is made to order







	Page	
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STOPS	<b>496</b>	
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FAST CLAMPING EQUIPMENT & ADAPTER	<b>588</b>	
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(·) = Price on request



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Basic



## BASIC

Welding Tables Basic are manufactured of premium steel S355J2+N (St 52/3) and subsequently plasma-nitrided by applying a thermo-chemical procedure. Then the table runs through an additional thermo-chemical procedure to increase corrosion resistance. At the same time the load capacity of the table is increased.

You can also find the product video on:

[www.siegmund.com/V161035](http://www.siegmund.com/V161035)

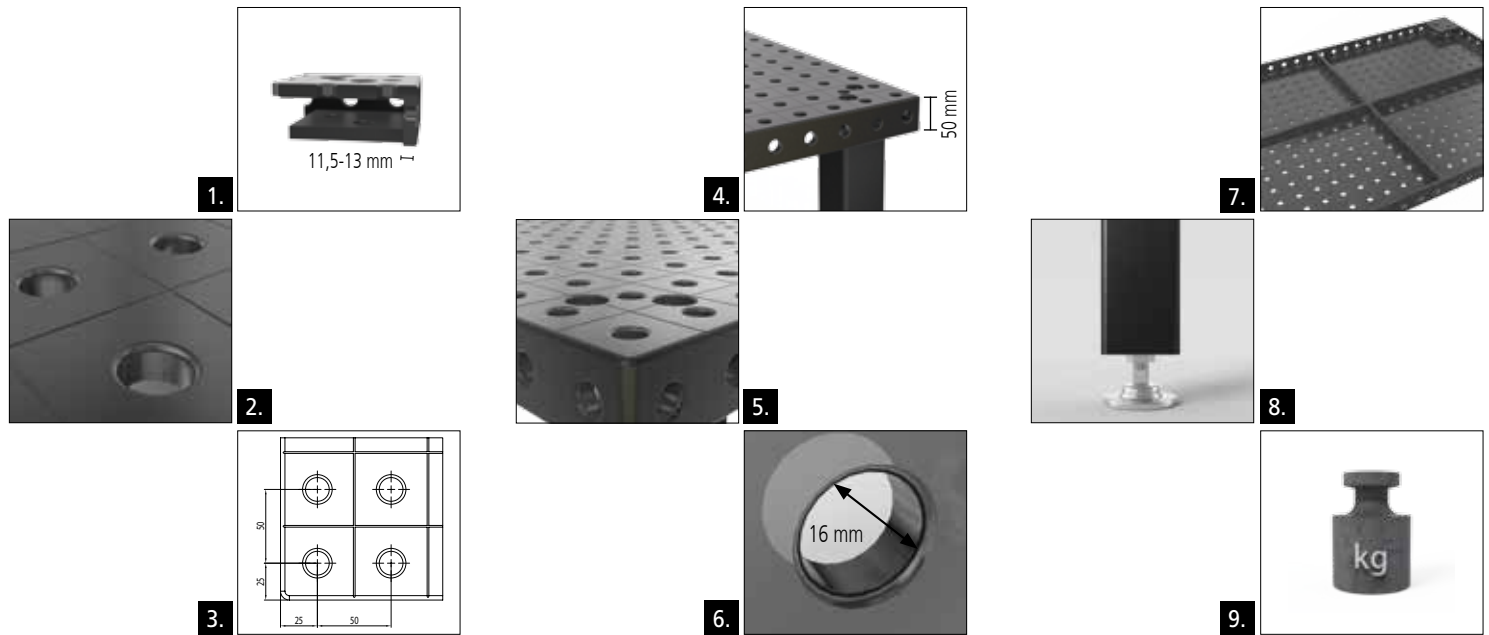
### TABLE LEGS



Leg heights in mm. The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.

Of course you can also use other leg variations of System 16 for the Basic table System 16.





**1. MATERIAL THICKNESS**

11.5-13 mm

**2. MATERIAL**

premium steel S355J2+N (St 52/3)  
+ plasma nitration

**VICKERS HARDNESS GRADE**

Surface hardness: approx. 480-560  
Basic hardness: approx. 200-230

**3. DATA**

- Borehole spacing 50 mm
- Grid element spacing 50 mm

**4. TABLE SIDE PANEL**

50 mm high

**5. ELABORATE RADIUSSES**

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

**6. SYSTEM BOREHOLE**

- Ø 16 mm

**Radius R2 for boreholes on the table surface:**

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- large chamfer on table underside for maximum clamping force of bolts (see page 548)

**7. RIBBING**

Construction reinforced with ribbing

**8. TABLE LEGS**

- Square pipe 70x70 mm
- Base plate Ø 70 mm (made of twisted bulk material)
- Leg 40 mm vernier adjustment (Data only for leg with standard equipment)

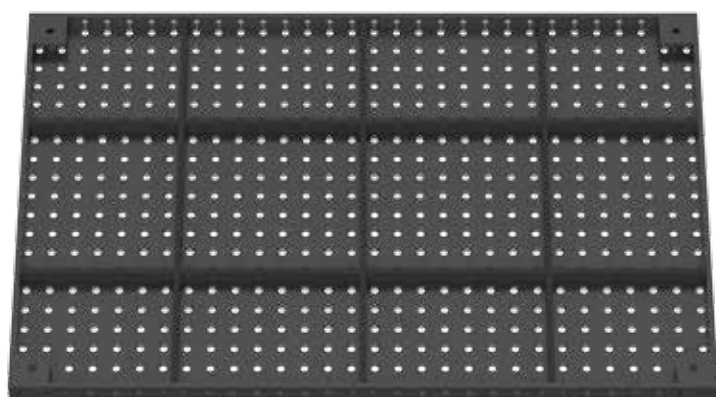
**9. BEARING LOAD**

Bearing load per leg max 1,000 kg  
Maximum recommended statistical overall load:  
with 4 legs = 1,000 kg  
based on even load distribution  
(Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

## Basic Welding Table



### Description:

Basic Table with horizontal / vertical hole arrangement in a 50 mm grid on the table top and a row of holes on the sides. The diameter of the boreholes is 16 mm, the thickness of the material approx. 11,5-13 mm. It is manufactured of high quality S355J2+N (St 52/3) Steel + plasma nitration. Grid lines with a spacing of 50 mm simplify the set-up of your device.

Please find different table leg options starting page 486.

Special equipment for welding tables available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Basic Plasma nitrided
<b>Basic 1000x1000x50</b> with Leg Standard equipment 815 Table height 850	4	1000 mm	1000 mm	50 mm	approx. 170 kg	2-161010.P ●
<b>Basic 1200x800x50</b> with Leg Standard equipment 815 Table height 850	4	1200 mm	800 mm	50 mm	approx. 170 kg	2-161025.P ●
<b>Basic 1200x1200x50</b> with Leg Standard equipment 815 Table height 850	4	1200 mm	1200 mm	50 mm	approx. 180 kg	2-161015.P ●
<b>Basic 1500x1000x50</b> with Leg Standard equipment 815 Table height 850	4	1500 mm	1000 mm	50 mm	approx. 240 kg	2-161035.P ●

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.

Weight = Table + Pallet + Leg Standard equipment

## Stainless Steel



## STAINLESS STEEL

Stainless Steel Tables are suited for work on stainless steel components, especially if very high corrosion requirements are imposed, e.g. pharmaceutical and food industry.

You can also find the product video on:

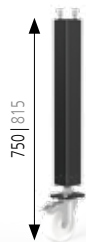
[www.siegmund.com/V160020.E](http://www.siegmund.com/V160020.E)



### TABLE LEGS



**Page 488**  
Leg standard equipment



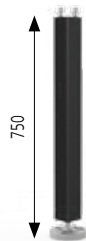
**Page 492**  
Leg with Caster and Locking Brake



**Page 490**  
Leg height-adjustable



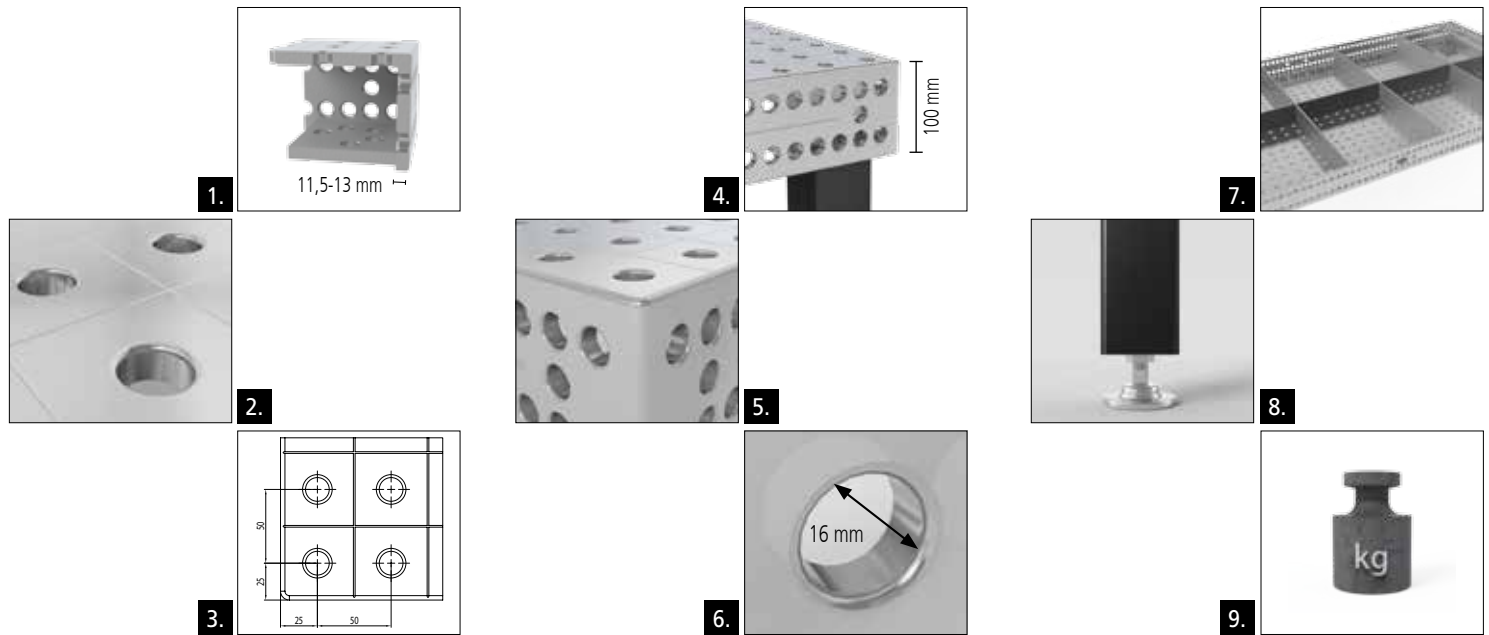
**Page 493**  
Leg height-adjustable with Caster and Locking Brake



**Page 491**  
Leg with Floor Anchoring

Leg heights in mm.  
The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.





**1. MATERIAL THICKNESS**

11.5-13 mm

**2. MATERIAL**

premium stainless steel X5CrNi18-10 (1.4301)

**VICKERS HARDNESS GRADE**

Basic hardness: approx. 266-382

**3. DATA**

- Borehole spacing 50 mm
- Grid element spacing 50 mm

**4. TABLE SIDE PANEL**

- 100 mm high
- additional boreholes enable parallel clamping in 25 mm grid

**5. ELABORATE RADIUSSES**

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

**6. SYSTEM BOREHOLE**

- Ø 16 mm

**Radius R2 for boreholes on the table surface:**

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- large chamfer on table underside for maximum clamping force of bolts (see page 548)

**7. RIBBING**

Multiple ribbing on the underside for maximum stability and precision.

**8. TABLE LEGS**

- Square pipe 70x70 mm
- Base plate Ø 70 mm (made of twisted bulk material)
- Leg 40 mm vernier adjustment (Data only for leg with standard equipment)

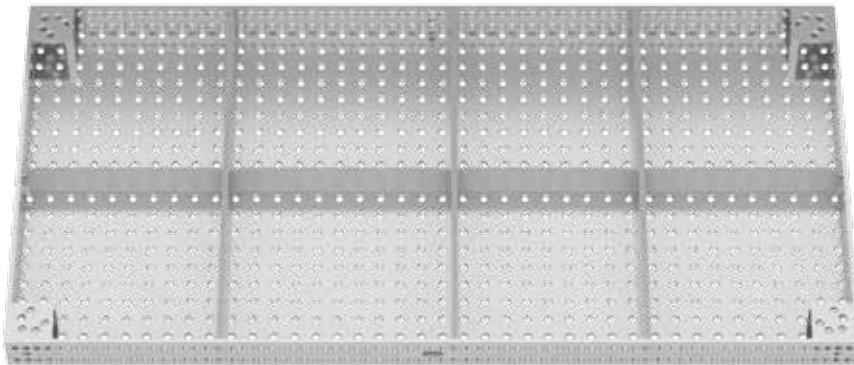
**9. BEARING LOAD**

Bearing load per leg: at least 1,000 kg  
 Maximum recommended statistical load:  
 with 4 legs = 2,000 kg  
 with 6 legs = 3,000 kg  
 with 8 legs = 4,000 kg  
 based on even load distribution.  
 (Data only for leg with standard equipment)

*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

## Stainless Steel Welding Table



### Description:

Stainless Steel Table with horizontal / vertical hole arrangement on the table top, and a parallel hole pattern in a 25 mm grid on the sides. The bore holes have a 16 mm diameter and a material thickness of approx. 11,5-13 mm. It is manufactured of high-quality stainless steel X5CrNi18-10 (V2A). Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Please find different table leg options starting page 486.

Stainless Steel Tables also available with lifting platform and connecting frame.

Special equipment for welding tables available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

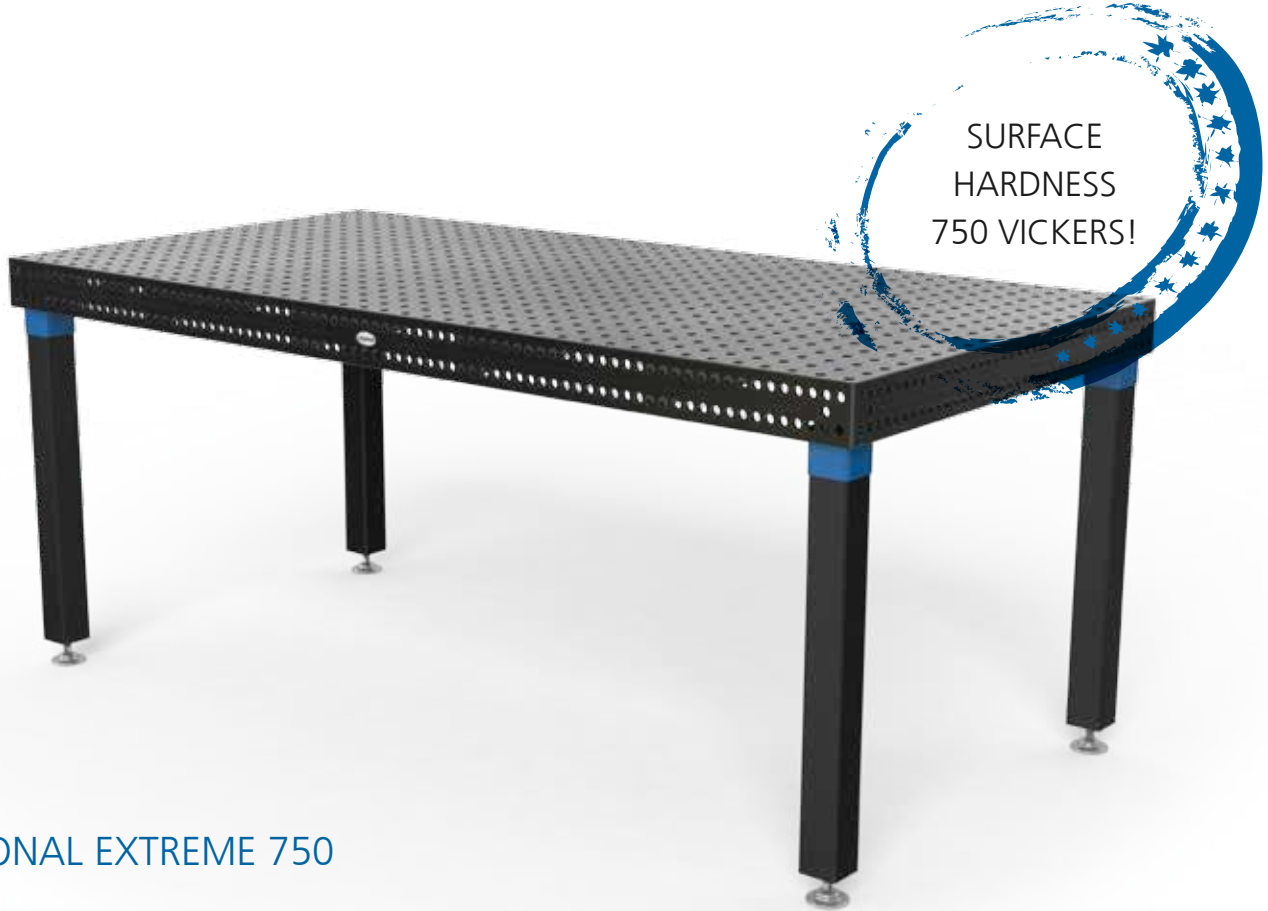


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Stainless Steel
<b>Professional 1000x500x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1000 mm	500 mm	100 mm	approx. 125 kg	2-160005.E ○
<b>Professional 1000x1000x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1000 mm	1000 mm	100 mm	approx. 195 kg	2-160010.E ○
<b>Professional 1200x800x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1200 mm	800 mm	100 mm	approx. 195 kg	2-160025.E ○
<b>Professional 1200x1200x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1200 mm	1200 mm	100 mm	approx. 255 kg	2-160015.E ○
<b>Professional 1500x1000x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1500 mm	1000 mm	100 mm	approx. 275 kg	2-160035.E ○
<b>Professional 1500x1500x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	1500 mm	1500 mm	100 mm	approx. 375 kg	2-160050.E ○
<b>Professional 2000x1000x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	2000 mm	1000 mm	100 mm	approx. 350 kg	2-160020.E ○
<b>Professional 2000x1200x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	4	2000 mm	1200 mm	100 mm	approx. 415 kg	2-160060.E ○
<b>Professional 2400x1200x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	6	2400 mm	1200 mm	100 mm	approx. 500 kg	2-160030.E ○
<b>Professional 3000x1500x100 Stainless Steel</b> with Leg Standard equipment 750 Table height 850	6	3000 mm	1500 mm	100 mm	approx. 725 kg	2-160040.E ○
<b>Additional sizes upon request</b>						○

● = Stock item / ○ = Item is made to order

The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.  
Weight = Table + Pallet + Leg Standard equipment

Professional Extreme 750



**SURFACE  
HARDNESS  
750 VICKERS!**

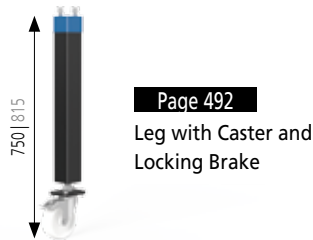
**PROFESSIONAL EXTREME 750**

Professional Extreme 750 Tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the table it is especially suited for working with extremely heavy components.

You can also find the product video on:

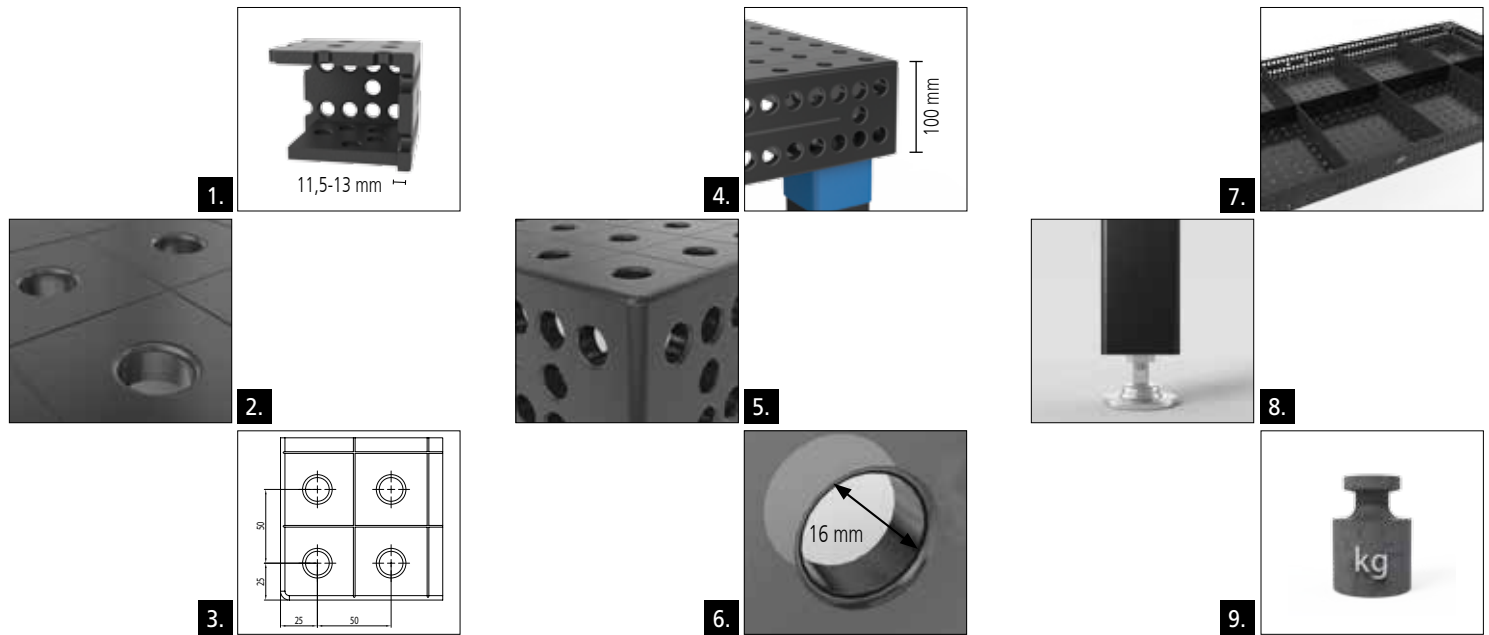
[www.siegmund.com/V160020.X](http://www.siegmund.com/V160020.X)

**TABLE LEGS**



Leg heights in mm.  
The data in black print shows standard leg heights for table shown above. There is no surcharge for leg heights printed in grey, depending on leg style, and have to be specified upon ordering.





### 1. MATERIAL THICKNESS

11.5-13 mm

### 2. MATERIAL

through-hardened tool steel\*  
+ plasma nitration

### VICKERS HARDNESS GRADE

Table top:  
Surface hardness: approx. 750

Table side:  
Surface hardness: approx. 550

\*The four side faces are still constructed from our standard, high quality S355J2+N (St 52/3) Steel to provide the ideal balance of properties for performance, durability, and cost.

### 3. DATA

- Borehole spacing 50 mm
- Grid element spacing 50 mm

### 4. TABLE SIDE PANEL

- 100 mm high
- additional boreholes enable parallel clamping in 25 mm grid

### 5. ELABORATE RADIUSSES

- 3 mm radius of top table edge reduces damages to Siegmund accessories and customers components
- 6 mm radius on edges reduces risk of injury

### 6. SYSTEM BOREHOLE

- Ø 16 mm

#### Radius R2 for boreholes on the table surface:

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- less adherence of welding spatters on bore edges
- less damages on bore edges while moving heavy components
- large chamfer on table underside for maximum clamping force of bolts (see page 548)

### 7. RIBBING

Multiple ribbing on the underside for maximum stability and precision.

### 8. TABLE LEGS

- Square pipe 70x70 mm
- Base plate Ø 70 mm (made of twisted bulk material)
- Leg 40 mm vernier adjustment (Data only for leg with standard equipment)

### 9. BEARING LOAD

Bearing load per leg: 1,000 kg  
Maximum recommended statistical load:  
with 4 legs = 2,000 kg  
with 6 legs = 3,000 kg  
with 8 legs = 4,000 kg  
with even load distribution.  
(Data only for leg with standard equipment)

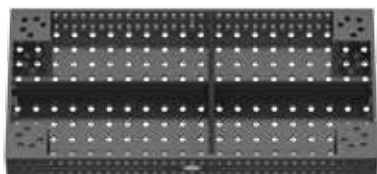
*Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.*

*Please consult with manufacturer if higher overall loads are required.*

Professional Extreme 750  
1000x500x100 mm



Weight: approx. 125 kg  
Weight = Table + Pallet + Leg Standard equipment



#### Description:

Professional Extreme Table 1000x500x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.

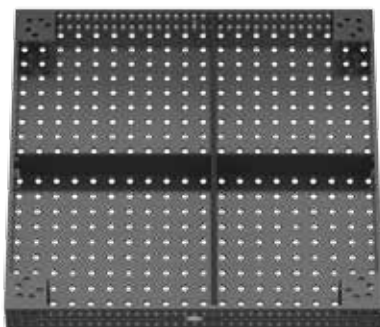
Please find different table leg options starting page 486.



Professional Extreme 750  
1000x1000x100 mm



Weight: approx. 195 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 1000x1000x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.

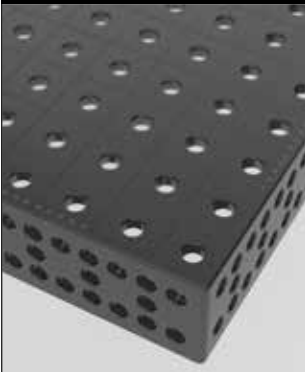
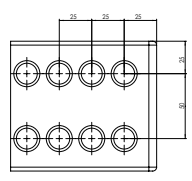
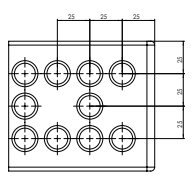
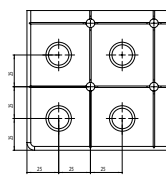
Please find different table leg options starting page 486.



Professional Extreme 750  
1000x1000x100 mm

1000x1000x100	Professional Extreme 750 50 mm grid
without legs	2-160010.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160010.X7 ●
with Leg Standard equipment 850 Table height 950	2-160010.X7.1 ●
with Leg with Caster and Locking Brake 750 Table height 850	2-160011.X7 ●
with Leg with Floor Anchoring 750 Table height 850	2-160012.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160013.X7 ●
with Leg height-adjustable with Caster and Locking Brake 600-900 Table height 700-1000	2-160014.X7.1 ●

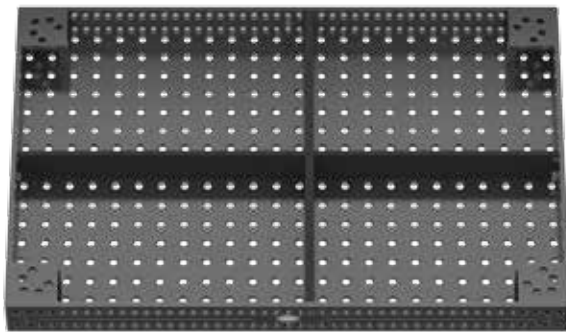
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)				
 <p>Example for diagonal grid for table sides.</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>	
				
Professional Extreme		2-166610.X	<p><b>M8</b> 2-166110.X</p> <p><b>M12</b> 2-166210.X</p> <p><b>M16</b> 2-166310.X</p>	

Professional Extreme 750  
1200x800x100 mm



Weight: approx. 195 kg  
Weight = Table + Pallet + Leg Standard equipment



#### Description:

Professional Extreme Table 1200x800x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

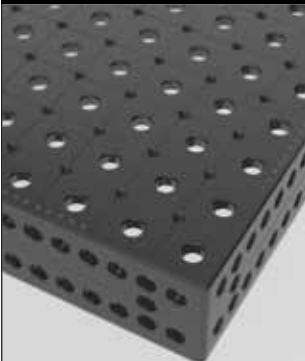
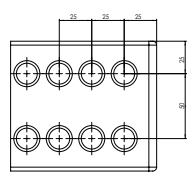
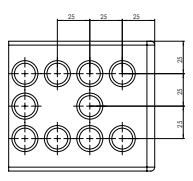
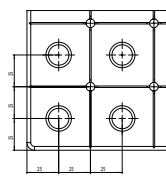
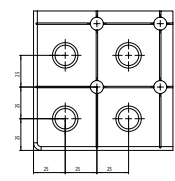
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
1200x800x100 mm

1200x800x100	Professional Extreme 750 50 mm grid
<b>without legs</b>	2-160025.X7.T1 ●
<b>with Leg Standard equipment 750</b> Table height 850	2-160025.X7 ●
<b>with Leg Standard equipment 850</b> Table height 950	2-160025.X7.1 ●
<b>with Leg with Floor Anchoring 750</b> Table height 850	2-160027.X7 ●
<b>with Leg height-adjustable 550-950</b> Table height 650-1050	2-160028.X7 ●

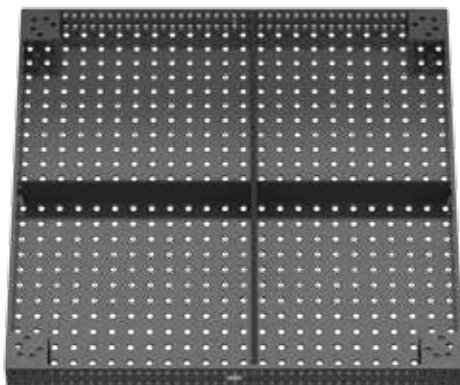
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)					
 <p>Example for diagonal grid M8</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>		
		<p style="text-align: center;">+</p> 			
Professional Extreme	2-166625.X		M8 2-166125.X	M12 2-166225.X	M16 2-166325.X

Professional Extreme 750  
1200x1200x100 mm



Weight: approx. 255 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 1200x1200x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.

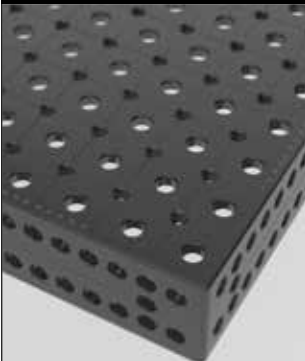
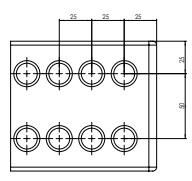
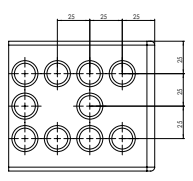
Please find different table leg options starting page 486.



Professional Extreme 750  
1200x1200x100 mm

1200x1200x100	Professional Extreme 750 50 mm grid
without legs	2-160015.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160015.X7 ●
with Leg Standard equipment 850 Table height 950	2-160015.X7.1 ●
with Leg with Caster and Locking Brake 750 Table height 850	2-160016.X7 ●
with Leg with Floor Anchoring 750 Table height 850	2-160017.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160018.X7 ●
with Leg height-adjustable with Caster and Locking Brake 600-900 Table height 700-1000	2-160019.X7.1 ●

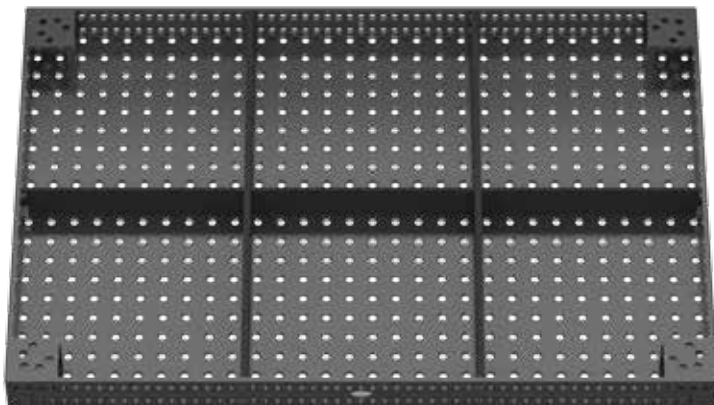
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for diagonal grid M12</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>
		<p>+</p> 	
Professional Extreme		2-166615.X	<p><b>M8</b> 2-166115.X</p> <p><b>M12</b> 2-166215.X</p> <p><b>M16</b> 2-166315.X</p>

Professional Extreme 750  
1500x1000x100 mm



Weight: approx. 275 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 1500x1000x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

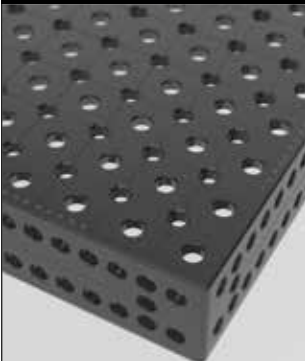
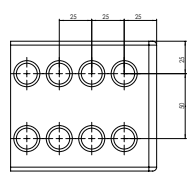
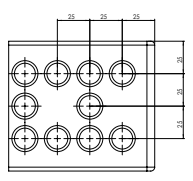
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
1500x1000x100 mm

1500x1000x100	Professional Extreme 750 50 mm grid
without legs	2-160035.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160035.X7 ●
with Leg Standard equipment 850 Table height 950	2-160035.X7.1 ●
with Leg with Caster and Locking Brake 750 Table height 850	2-160036.X7 ●
with Leg with Floor Anchoring 750 Table height 850	2-160037.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160038.X7 ●
with Leg height-adjustable with Caster and Locking Brake 600-900 Table height 700-1000	2-160039.X7.1 ●

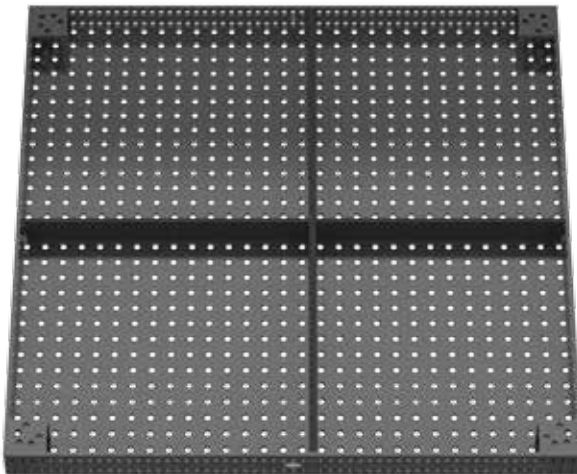
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for diagonal grid M16</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>
			
Professional Extreme		2-166635.X	<p><b>M8</b> 2-166135.X</p> <p><b>M12</b> 2-166235.X</p> <p><b>M16</b> 2-166335.X</p>

## Professional Extreme 750 1500x1500x100 mm



Weight: approx. 375 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 1500x1500x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

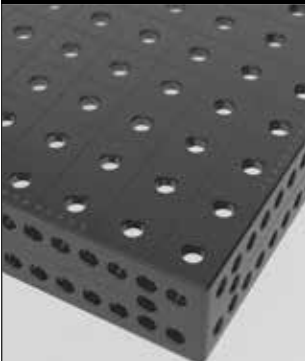
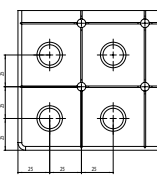
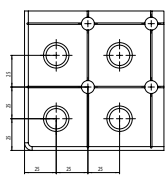
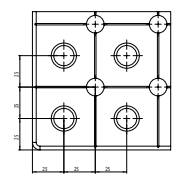
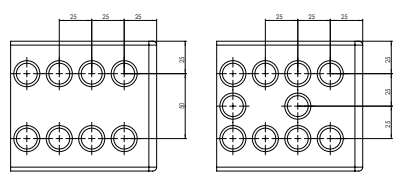
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
1500x1500x100 mm

1500x1500x100	Professional Extreme 750 50 mm grid
without legs	2-160050.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160050.X7 ●
with Leg Standard equipment 850 Table height 950	2-160050.X7.1 ●
with Leg with Caster and Locking Brake 750 Table height 850	2-160051.X7 ●
with Leg with Floor Anchoring 750 Table height 850	2-160052.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160053.X7 ●
with Leg height-adjustable with Caster and Locking Brake 600-900 Table height 700-1000	2-160054.X7.1 ●

● = Stock item / ○ = Item is made to order

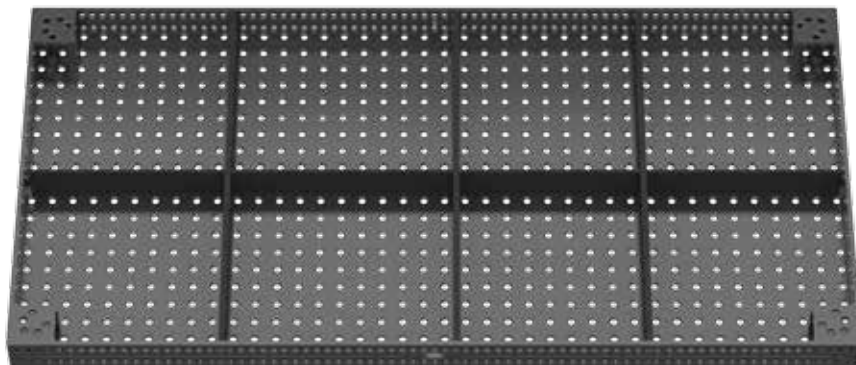
Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for 50 mm grid</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">   <b>M8</b> 2-166150.X                 </div> <div style="text-align: center;">   <b>M12</b> 2-166250.X                 </div> <div style="text-align: center;">   <b>M16</b> 2-166350.X                 </div> </div>
	<p>+</p> 	<p>2-166650.X</p>	
Professional Extreme			



Professional Extreme 750  
2000x1000x100 mm



Weight: approx. 350 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 2000x1000x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

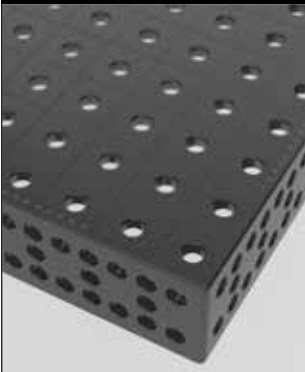
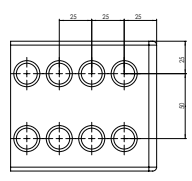
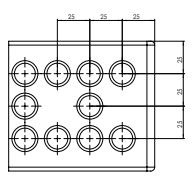
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
2000x1000x100 mm

2000x1000x100	Professional Extreme 750 50 mm grid
<b>without legs</b>	2-160020.X7.T1 ●
<b>with Leg Standard equipment 750</b> Table height 850	2-160020.X7 ●
<b>with Leg Standard equipment 850</b> Table height 950	2-160020.X7.1 ●
<b>with Leg with Caster and Locking Brake 750</b> Table height 850	2-160021.X7 ●
<b>with Leg with Floor Anchoring 750</b> Table height 850	2-160022.X7 ●
<b>with Leg height-adjustable 550-950</b> Table height 650-1050	2-160023.X7 ●
<b>with Leg height-adjustable with Caster and Locking Brake 600-900</b> Table height 700-1000	2-160024.X7.1 ●

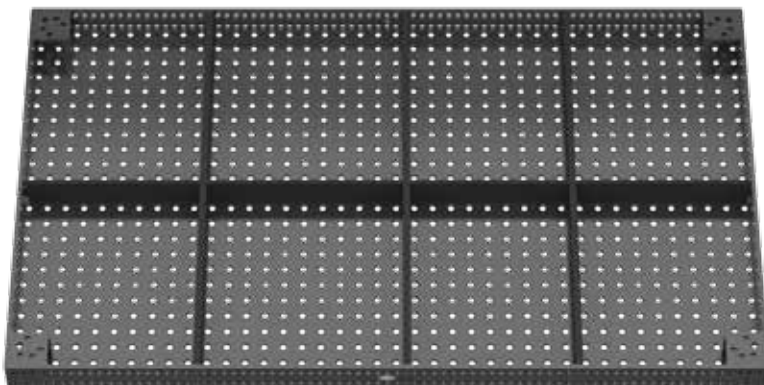
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for diagonal grid for table sides.</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>
			
Professional Extreme		2-166620.X	<p><b>M8</b> 2-166120.X</p> <p><b>M12</b> 2-166220.X</p> <p><b>M16</b> 2-166320.X</p>

Professional Extreme 750  
2000x1200x100 mm



Weight: approx. 415 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 2000x1200x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

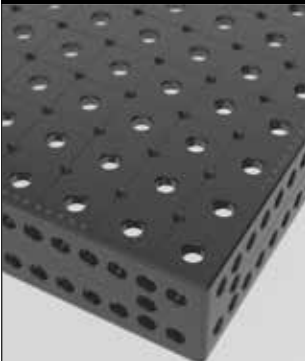
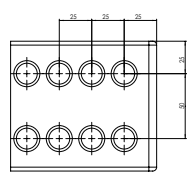
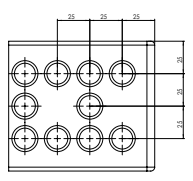
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
2000x1200x100 mm

2000x1200x100	Professional Extreme 750 50 mm grid
without legs	2-160060.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160060.X7 ●
with Leg Standard equipment 850 Table height 950	2-160060.X7.1 ●
with Leg with Caster and Locking Brake 750 Table height 850	2-160061.X7 ●
with Leg with Floor Anchoring 750 Table height 850	2-160062.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160063.X7 ●
with Leg height-adjustable with Caster and Locking Brake 600-900 Table height 700-1000	2-160064.X7.1 ●

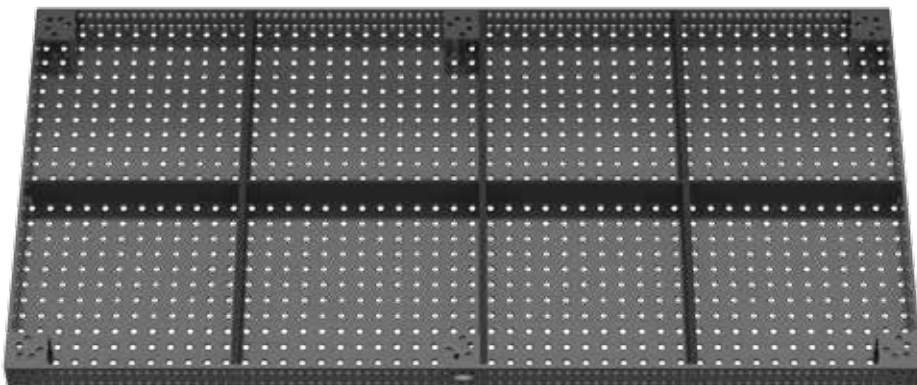
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for diagonal grid M8</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>
		<p>+</p> 	
Professional Extreme		2-166660.X	<p><b>M8</b> 2-166160.X</p> <p><b>M12</b> 2-166260.X</p> <p><b>M16</b> 2-166360.X</p>

Professional Extreme 750  
2400x1200x100 mm



Weight: approx. 500 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 2400x1200x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Welding Table are equipped with a standard scale.

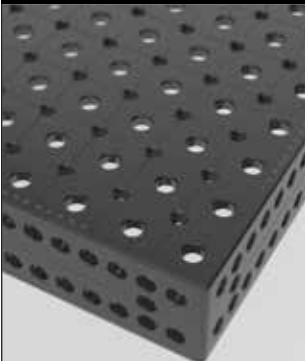
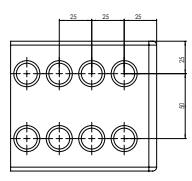
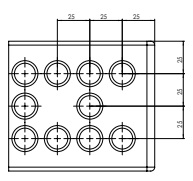
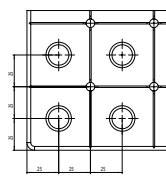
Please find different table leg options starting page 486.



Professional Extreme 750  
2400x1200x100 mm

2400x1200x100	Professional Extreme 750 50 mm grid
without legs	2-160030.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160030.X7 ●
with Leg Standard equipment 850 Table height 950	2-160030.X7.1 ●
with Leg with Floor Anchoring 750 Table height 850	2-160032.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160033.X7 ●

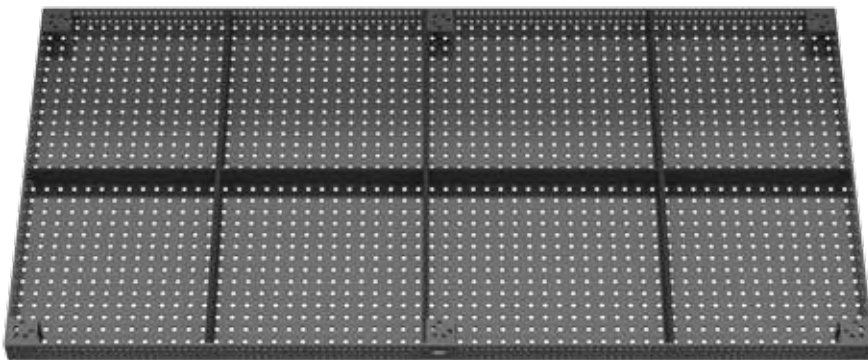
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)				
 <p>Example for diagonal grid M12</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>	
		<p>+</p> 		 <p><b>M8</b> 2-166130.X</p>
Professional Extreme		2-166630.X		

Professional Extreme 750  
3000x1500x100 mm



Weight: approx. 725 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 3000x1500x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

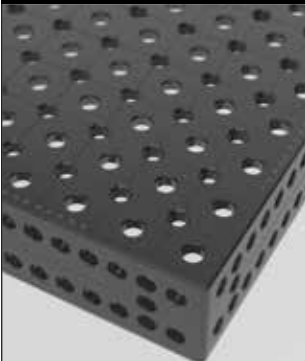
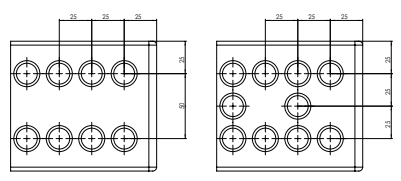
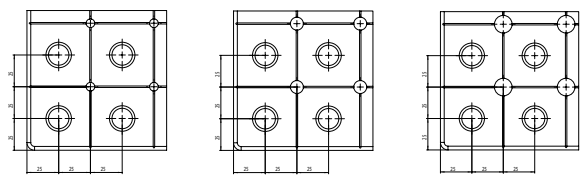
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
3000x1500x100 mm

3000x1500x100	Professional Extreme 750 50 mm grid
<b>without legs</b>	2-160040.X7.T1 ●
<b>with Leg Standard equipment 750</b> Table height 850	2-160040.X7 ●
<b>with Leg Standard equipment 850</b> Table height 950	2-160040.X7.1 ●
<b>with Leg with Floor Anchoring 750</b> Table height 850	2-160042.X7 ●
<b>with Leg height-adjustable 550-950</b> Table height 650-1050	2-160043.X7 ●

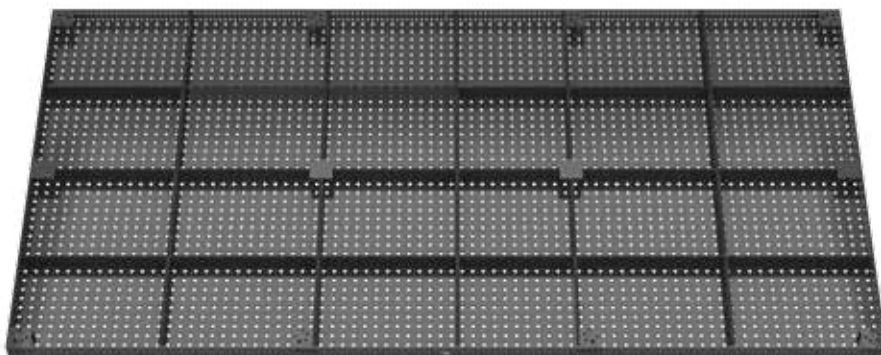
● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)			
 <p>Example for diagonal grid M16</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>
	<p>+</p> 	<p>2-166640.X</p>	
Professional Extreme			

Professional Extreme 750  
4000x2000x100 mm



Weight: approx. 1.208 kg  
Weight = Table + Pallet + Leg Standard equipment



### Description:

Professional Extreme Table 4000x2000x100 mm, horizontal / vertical hole arrangement on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the boreholes is 16 mm, the material thickness is approx.

11,5-13 mm. The primary wear surface on the table's top face is made of double hardened and coated tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel (St 52/3) to provide the ideal balance of properties for performance, durability, and cost. Grid lines spaced 50 mm apart simplify the set-up of your equipment.

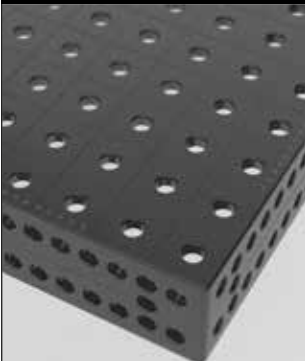
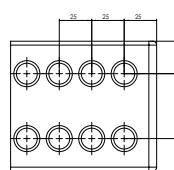
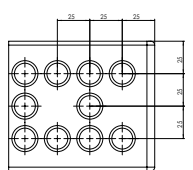
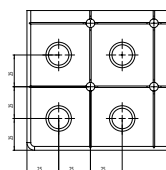
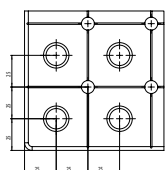
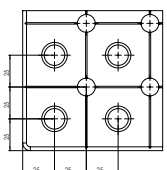
Welding Table are equipped with a standard scale.

Please find different table leg options starting page 486.

Professional Extreme 750  
4000x2000x100 mm

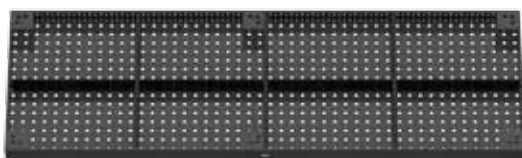
4000x2000x100	Professional Extreme 750 50 mm grid
without legs	2-160055.X7.T1 ●
with Leg Standard equipment 750 Table height 850	2-160055.X7 ●
with Leg Standard equipment 850 Table height 950	2-160055.X7.1 ●
with Leg with Floor Anchoring 750 Table height 850	2-160057.X7 ●
with Leg height-adjustable 550-950 Table height 650-1050	2-160058.X7 ●

● = Stock item / ○ = Item is made to order

Special equipment for welding table Professional Extreme (see page 82)					
 <p>Example for 50 mm grid</p>	<p><b>Surcharge for table sides double hardened</b> (see page 444)</p>	<p><b>Surcharge Diagonal Grid for table sides</b> (see page 82)</p>	<p><b>Surcharge Diagonal Grid M8 / M12 / M16 thread</b> (see page 82)</p>		
		<p>+</p> 			
Professional Extreme	2-166655.X		M8 2-166155.X	M12 2-166255.X	M16 2-166355.X



## Professional Extreme 750 - Special Sizes



### Description:

For a list of available sizes, up to 2000x3800 mm, please see opposite page.

Additional sizes and materials available upon request.

Prices based on quantity.

### Discount:

starting at 2 pieces: 5 %

starting at 5 pieces: 10 %

starting at 10 pieces: 15 %

Please find different table leg options starting page 486.

Special equipment for welding tables available by request.

Professional Extreme 750 - Special Sizes

Measures	Professional Extreme 750
600 x 600	Item No. 2-960606.X7
600 x 800	Item No. 2-960608.X7
600 x 1000	Item No. 2-960610.X7
600 x 1200	Item No. 2-960612.X7
600 x 1400	Item No. 2-960614.X7
600 x 1600	Item No. 2-960616.X7
600 x 1800	Item No. 2-960618.X7
600 x 2000	Item No. 2-960620.X7
600 x 2200	Item No. 2-960622.X7
600 x 2400	Item No. 2-960624.X7
600 x 2600	Item No. 2-960626.X7
600 x 2800	Item No. 2-960628.X7
600 x 3000	Item No. 2-960630.X7
600 x 3200	Item No. 2-960632.X7
600 x 3400	Item No. 2-960634.X7
600 x 3600	Item No. 2-960636.X7
600 x 3800	Item No. 2-960638.X7
600 x 4000	Item No. 2-960640.X7
800 x 800	Item No. 2-960808.X7
800 x 1000	Item No. 2-960810.X7
800 x 1400	Item No. 2-960814.X7
800 x 1600	Item No. 2-960816.X7
800 x 1800	Item No. 2-960818.X7
800 x 2000	Item No. 2-960820.X7
800 x 2200	Item No. 2-960822.X7
800 x 2400	Item No. 2-960824.X7
800 x 2600	Item No. 2-960826.X7
800 x 2800	Item No. 2-960828.X7

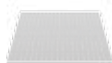
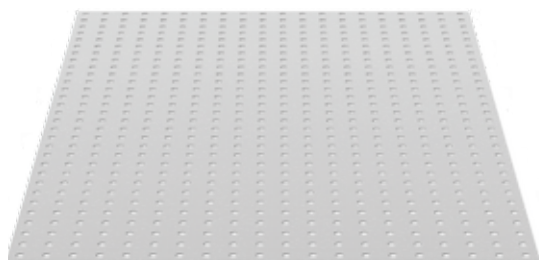
Measures	Professional Extreme 750
800 x 3000	Item No. 2-960830.X7
800 x 3200	Item No. 2-960832.X7
800 x 3400	Item No. 2-960834.X7
800 x 3600	Item No. 2-960836.X7
800 x 3800	Item No. 2-960838.X7
800 x 4000	Item No. 2-960840.X7
1000 x 1200	Item No. 2-961012.X7
1000 x 1400	Item No. 2-961014.X7
1000 x 1600	Item No. 2-961016.X7
1000 x 1800	Item No. 2-961018.X7
1000 x 2200	Item No. 2-961022.X7
1000 x 2400	Item No. 2-961024.X7
1000 x 2600	Item No. 2-961026.X7
1000 x 2800	Item No. 2-961028.X7
1000 x 3000	Item No. 2-961030.X7
1000 x 3200	Item No. 2-961032.X7
1000 x 3400	Item No. 2-961034.X7
1000 x 3600	Item No. 2-961036.X7
1000 x 3800	Item No. 2-961038.X7
1000 x 4000	Item No. 2-961040.X7
1200 x 1400	Item No. 2-961214.X7
1200 x 1600	Item No. 2-961216.X7
1200 x 1800	Item No. 2-961218.X7
1200 x 2200	Item No. 2-961222.X7
1200 x 2600	Item No. 2-961226.X7
1200 x 2800	Item No. 2-961228.X7
1200 x 3000	Item No. 2-961230.X7
1200 x 3200	Item No. 2-961232.X7

Measures	Professional Extreme 750
1200 x 3400	Item No. 2-961234.X7
1200 x 3600	Item No. 2-961236.X7
1200 x 3800	Item No. 2-961238.X7
1200 x 4000	Item No. 2-961240.X7
1400 x 1400	Item No. 2-961414.X7
1400 x 1600	Item No. 2-961416.X7
1400 x 1800	Item No. 2-961418.X7
1400 x 2000	Item No. 2-961420.X7
1400 x 2200	Item No. 2-961422.X7
1400 x 2400	Item No. 2-961424.X7
1400 x 2600	Item No. 2-961426.X7
1400 x 2800	Item No. 2-961428.X7
1400 x 3000	Item No. 2-961430.X7
1400 x 3200	Item No. 2-961432.X7
1400 x 3400	Item No. 2-961434.X7
1400 x 3600	Item No. 2-961436.X7
1400 x 3800	Item No. 2-961438.X7
1400 x 4000	Item No. 2-961440.X7
1600 x 1600	Item No. 2-961616.X7
1600 x 1800	Item No. 2-961618.X7
1600 x 2000	Item No. 2-961620.X7
1600 x 2200	Item No. 2-961622.X7
1600 x 2400	Item No. 2-961624.X7
1600 x 2600	Item No. 2-961626.X7
1600 x 2800	Item No. 2-961628.X7
1600 x 3000	Item No. 2-961630.X7
1600 x 3200	Item No. 2-961632.X7
1600 x 3400	Item No. 2-961634.X7

Measures	Professional Extreme 750
1600 x 3600	Item No. 2-961636.X7
1600 x 3800	Item No. 2-961638.X7
1600 x 4000	Item No. 2-961640.X7
1800 x 1800	Item No. 2-961818.X7
1800 x 2000	Item No. 2-961820.X7
1800 x 2200	Item No. 2-961822.X7
1800 x 2400	Item No. 2-961824.X7
1800 x 2600	Item No. 2-961826.X7
1800 x 2800	Item No. 2-961828.X7
1800 x 3000	Item No. 2-961830.X7
1800 x 3200	Item No. 2-961832.X7
1800 x 3400	Item No. 2-961834.X7
1800 x 3600	Item No. 2-961836.X7
1800 x 3800	Item No. 2-961838.X7
1800 x 4000	Item No. 2-961840.X7
2000 x 2200	Item No. 2-962022.X7
2000 x 2400	Item No. 2-962024.X7
2000 x 2600	Item No. 2-962026.X7
2000 x 2800	Item No. 2-962028.X7
2000 x 3000	Item No. 2-962030.X7
2000 x 3200	Item No. 2-962032.X7
2000 x 3400	Item No. 2-962034.X7
2000 x 3600	Item No. 2-962036.X7
2000 x 3800	Item No. 2-962038.X7

Item is made to order

## Perforated Aluminum Plate



160203

### Description:

Perforated Aluminum Plate, especially developed for the process of separating iron and stainless steel. As a result of the hole pattern that corresponds with the welding table, precise fitting is guaranteed. Stainless steel finish with grid lines available upon request.

Aluminum perforated plates can only be used in combination with Universal Bolts (Item No. 160532 / 160533).

In order to avoid additional shipping costs, we recommend ordering the perforated aluminum plate together with the welding table.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



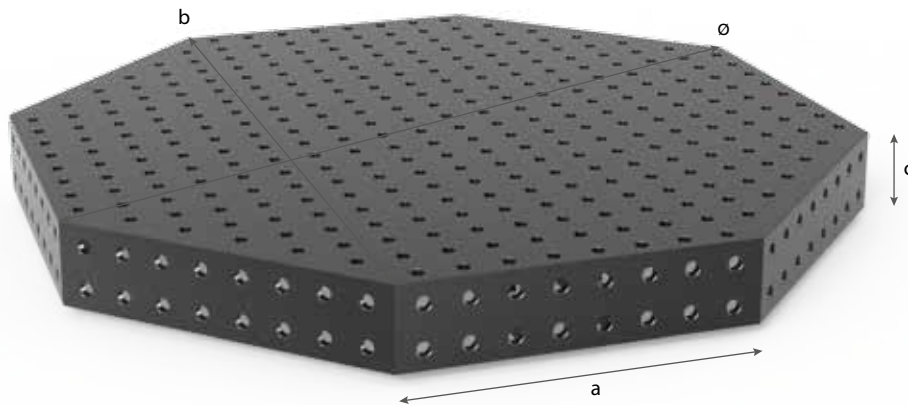


	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
<b>Perforated Aluminum Plate for Table 160005</b>	996 mm	496 mm	2 mm	2,50 kg	2-160207 ○
<b>Perforated Aluminum Plate for Table 160010</b>	996 mm	996 mm	2 mm	5,00 kg	2-160200 ●
<b>Perforated Aluminum Plate for Table 160025</b>	1196 mm	796 mm	2 mm	4,70 kg	2-160205 ●
<b>Perforated Aluminum Plate for Table 160015</b>	1196 mm	1196 mm	2 mm	7,10 kg	2-160202 ●
<b>Perforated Aluminum Plate for Table 160035</b>	1496 mm	996 mm	2 mm	7,20 kg	2-160203 ●
<b>Perforated Aluminum Plate for Table 160050</b>	1496 mm	1496 mm	2 mm	11,20 kg	2-160206 ●
<b>Perforated Aluminum Plate for Table 160020</b>	1996 mm	996 mm	2 mm	10,00 kg	2-160201 ●
<b>Perforated Aluminum Plate for Table 160060</b>	996 mm	1196 mm	2 mm	5,90 kg	2-160208 ●
<b>Perforated Aluminum Plate for Table 160060 (2x 160208)</b>				11,80 kg	2-160208.2 ●
<b>Perforated Aluminum Plate for Table 160030 (2x 160202)</b>				14,20 kg	2-160202.2 ●
<b>Perforated Aluminum Plate for Table 160040 (3x 160203)</b>				21,60 kg	2-160203.3 ●
<b>Additional sizes upon request</b>					○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Octagonal Table with table side 100 mm



### Description:

Octagonal Table, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Professional Welding Table, due to its parallel hole pattern on all nine surfaces. Upon request the table can be adapted to the production environment, to meet individual work requirements.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

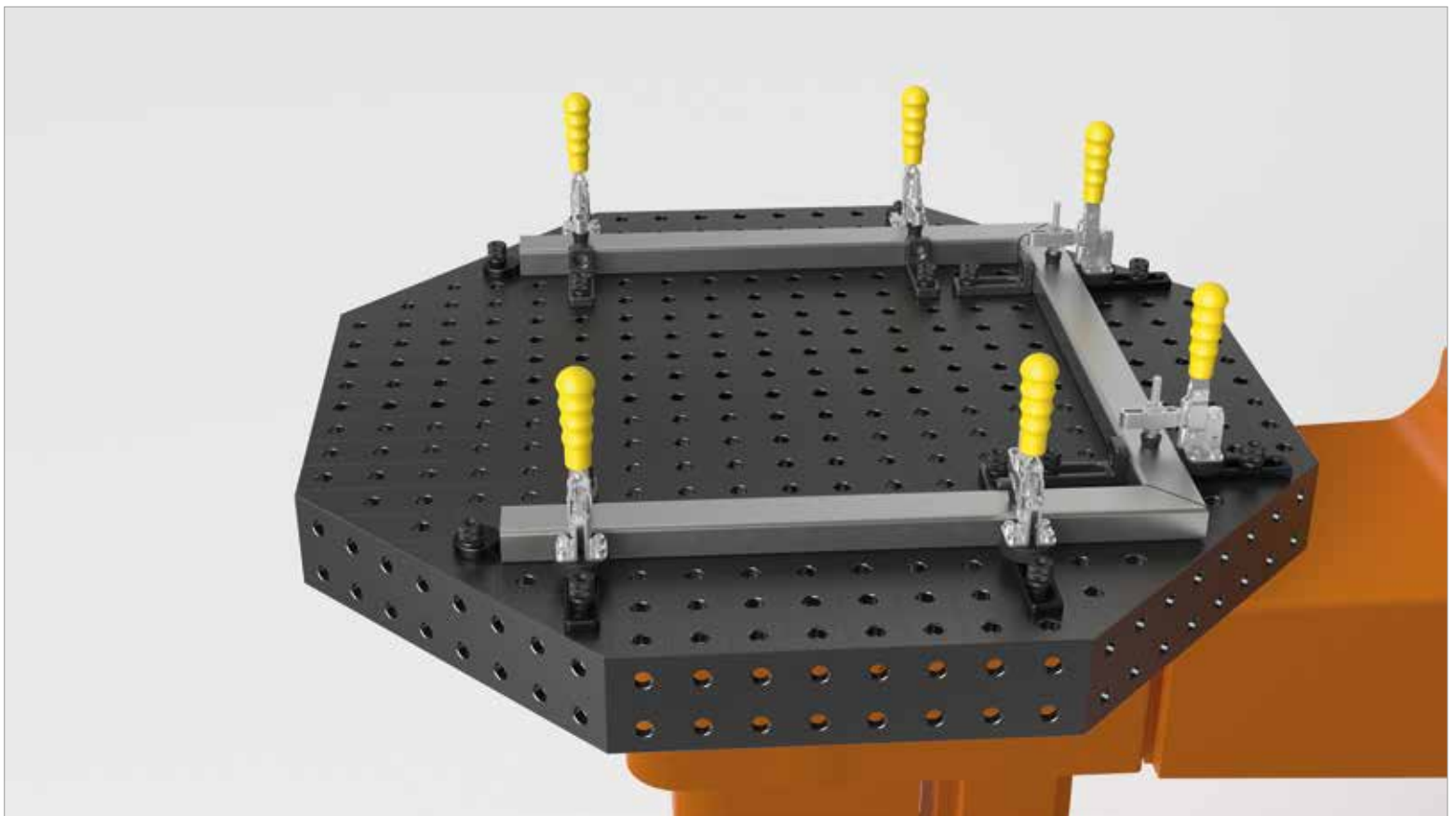
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

Due to customer specific adaptation the weight can vary.

Special equipment for welding tables available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

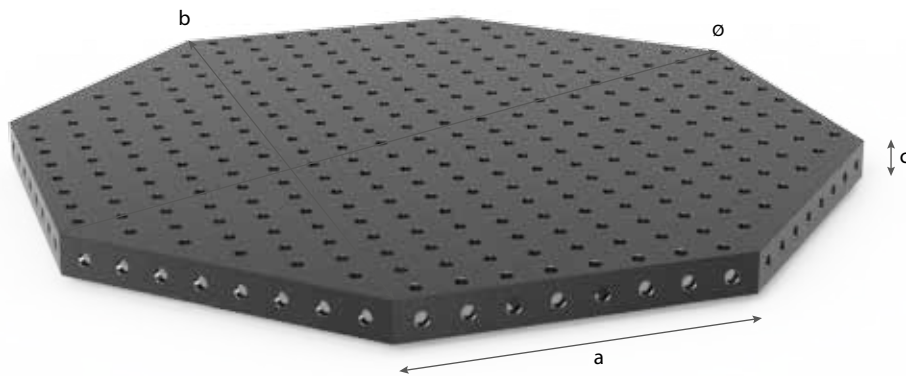




	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Table SW 600x100 Plasma nitrided without legs</b>	249 mm	600 mm	100 mm	650 mm	approx. 56 kg	2-920616.P ○
<b>Octagonal Table SW 800x100 Plasma nitrided without legs</b>	331 mm	800 mm	100 mm	866 mm	approx. 85 kg	2-920816.P ○
<b>Octagonal Table SW 1000x100 Plasma nitrided without legs</b>	414 mm	1000 mm	100 mm	1082 mm	approx. 152 kg	2-921016.P ○
<b>Octagonal Table SW 1200x100 Plasma nitrided without legs</b>	497 mm	1200 mm	100 mm	1299 mm	approx. 193 kg	2-921216.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customizing Adapter Plate</b>						0-940000 ○

● = Stock item / ○ = Item is made to order

## Octagonal Table with table side 50 mm



### Description:

Octagonal Table, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Professional Welding Table, due to its parallel hole pattern on all nine surfaces. Upon request the table can be adapted to the production environment, to meet individual work requirements.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

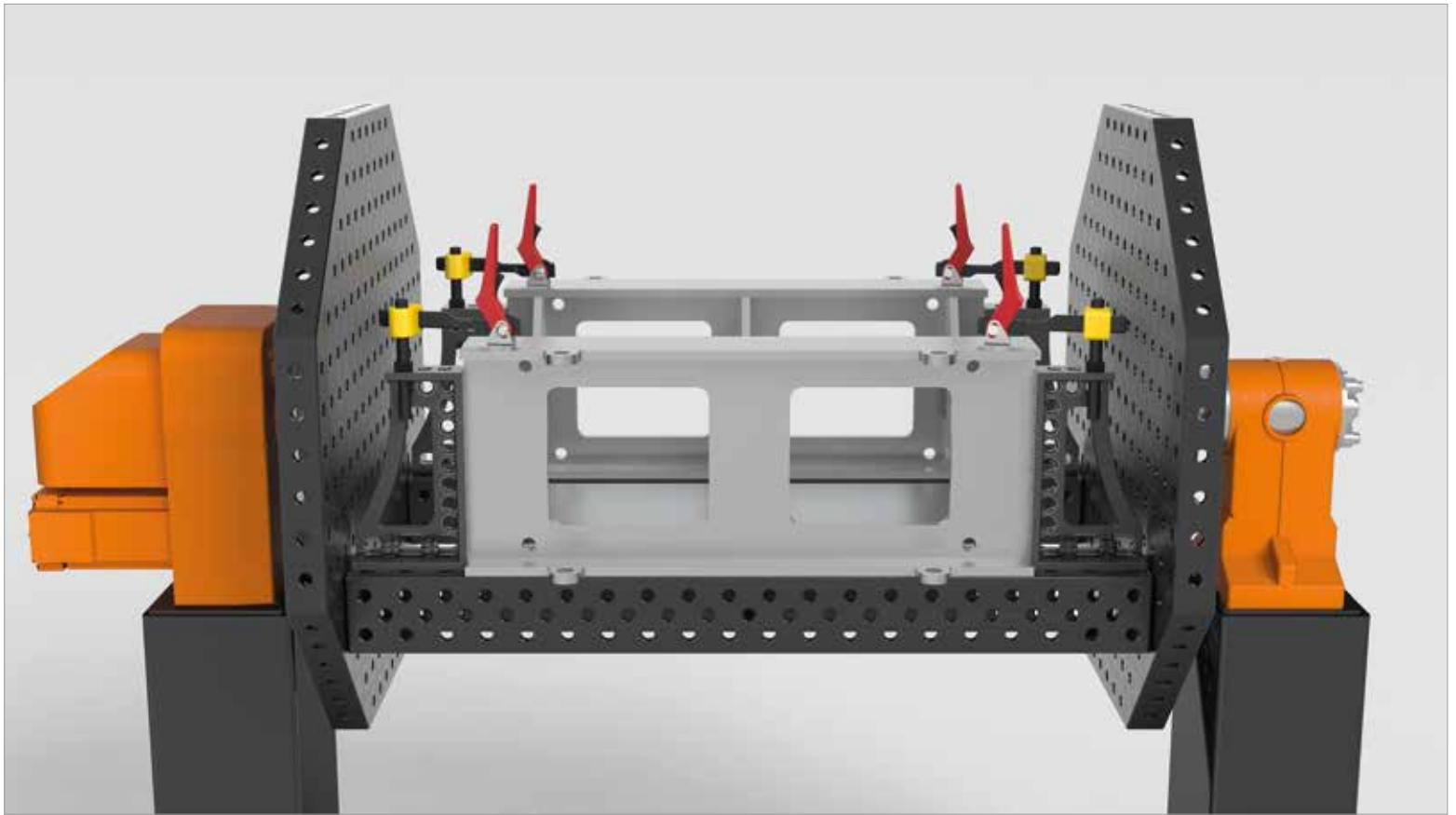
starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

Due to customer specific adaptation the weight can vary.

Special equipment for welding tables available by request.

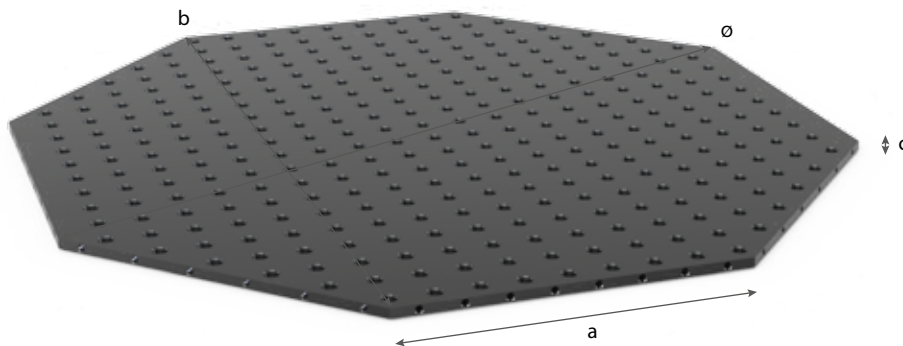
Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Table SW 600x50 Plasma nitrided without legs</b>	249 mm	600 mm	50 mm	650 mm	approx. 41 kg	2-920616.1.P ○
<b>Octagonal Table SW 800x50 Plasma nitrided without legs</b>	331 mm	800 mm	50 mm	866 mm	approx. 65 kg	2-920816.1.P ○
<b>Octagonal Table SW 1000x50 Plasma nitrided without legs</b>	414 mm	1000 mm	50 mm	1082 mm	approx. 117 kg	2-921016.1.P ○
<b>Octagonal Table SW 1200x50 Plasma nitrided without legs</b>	497 mm	1200 mm	50 mm	1299 mm	approx. 151 kg	2-921216.1.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customizing Adapter Plate</b>						0-940000 ○

● = Stock item / ○ = Item is made to order

## Octagonal Plate without side panel



### Description:

Octagonal Plate, extremely effective for applications on manipulators of robot units. It offers the same clamping options as a Siegmund Basic Welding Table, due to its parallel hole pattern and its M8 threaded holes on the sides. To meet individual requirements, the table can be adapted to the production environment, upon request.

Octagonal Plate without side surface can be safely mounted on a manipulator directly through the bore holes, by using Support Sleeves (Item No. 280500) and bolts.

Material S355J2+N (St 52/3 Steel).  
Prices based on quantity.

### Discount:

starting at 2 pieces: 5 %  
starting at 5 pieces: 10 %  
starting at 10 pieces: 15 %

Special equipment for welding tables available by request.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

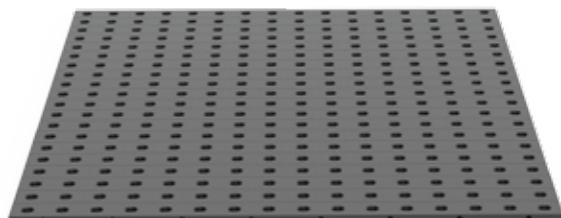


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Plasma nitrided
<b>Octagonal Plate SW 500x12 Plasma nitrided without legs</b>	207 mm	500 mm	12 mm	541 mm	approx. 16 kg	2-950500.P ○
<b>Octagonal Plate SW 600x12 Plasma nitrided without legs</b>	249 mm	600 mm	12 mm	649 mm	approx. 23 kg	2-950600.P ○
<b>Octagonal Plate SW 800x12 Plasma nitrided without legs</b>	331 mm	800 mm	12 mm	866 mm	approx. 41 kg	2-950800.P ○
<b>Octagonal Plate SW 1000x12 Plasma nitrided without legs</b>	414 mm	1000 mm	12 mm	1082 mm	approx. 64 kg	2-951000.P ○
<b>Octagonal Plate SW 1200x12 Plasma nitrided without legs</b>	497 mm	1200 mm	12 mm	1299 mm	approx. 92 kg	2-951200.P ○
<b>Additional sizes upon request</b>						○
<b>Surcharge for customer specific modification by hole pattern adaption.</b>						0-940000.1 ○

● = Stock item / ○ = Item is made to order



## Clamping- and Replacement Plate, with bore holes - 50 mm



### Description:

Clamping- and Replacement Plate, universally usable in combination with clamping tables, manipulators, welding turntables, as well as a replacement plate. The high efficiency of the plate is a special advantage. Fastening can be done quickly and easily using bolts, as well as support and clamping sleeves (Item No. 160500). The sides are equipped with M8 threaded holes.

Minimum width: 600 mm

Minimum length: 800 mm

Minimum surface: 0,64 m<sup>2</sup>

Further sizes upon request.

Material S355J2+N (St 52/3 Steel).

Prices based on quantity.

Discount:

starting from 2 pieces: 5 %

starting from 5 pieces: 10 %

starting from 10 pieces: 15 %

By request, the Clamping and Replacement Plate is also available in stainless steel.

Additional threaded holes available on request.

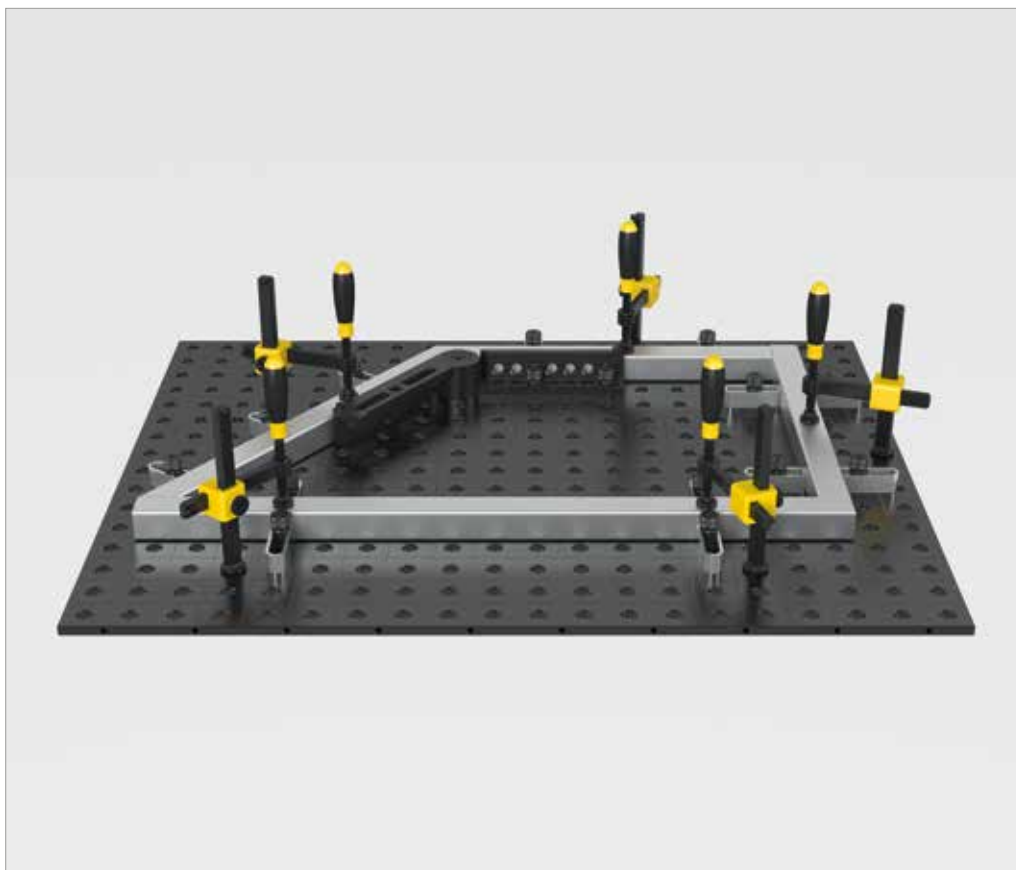
Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

Clamping- and Replacement Plate, with bore holes - 50 mm

Measures	Plasma nitrided
600 x 800	Item No. 2-950608.P
600 x 1000	Item No. 2-950610.P
600 x 1200	Item No. 2-950612.P
800 x 800	Item No. 2-950808.P
800 x 1000	Item No. 2-950810.P
800 x 1200	Item No. 2-950812.P
800 x 1400	Item No. 2-950814.P
800 x 1600	Item No. 2-950816.P
1000 x 1000	Item No. 2-951010.P
1000 x 1200	Item No. 2-951012.P
1000 x 1400	Item No. 2-951014.P
1000 x 1600	Item No. 2-951016.P

Measures	Plasma nitrided
1200 x 1200	Item No. 2-951212.P
1200 x 1400	Item No. 2-951214.P
1200 x 1600	Item No. 2-951216.P
1400 x 1400	Item No. 2-951414.P
1400 x 1600	Item No. 2-951416.P
1500 x 1500	Item No. 2-951515.P

Item is made to order



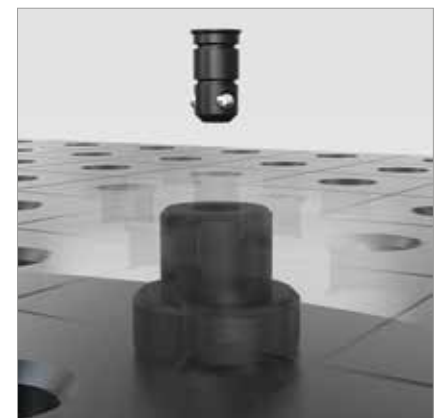
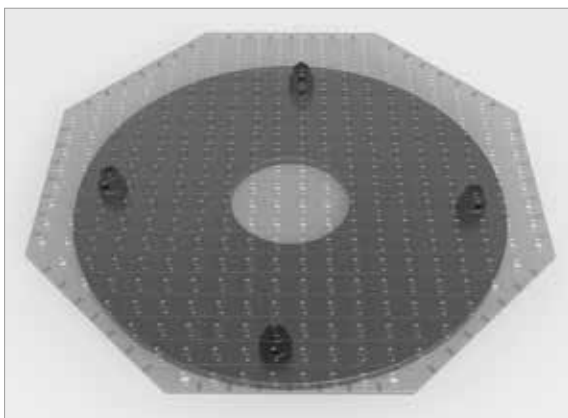
## Support and Clamping Sleeve



160500

### Description:

Burnished Support and Clamping Sleeve, flexible tool to lock Siegmund components into position at any location, using a clamping bolt. The Support and Clamping Sleeve can be welded or bolted onto a customer-specific device, thereby providing the option of quickly fastening a replacement plate with the use of a clamping bolt.

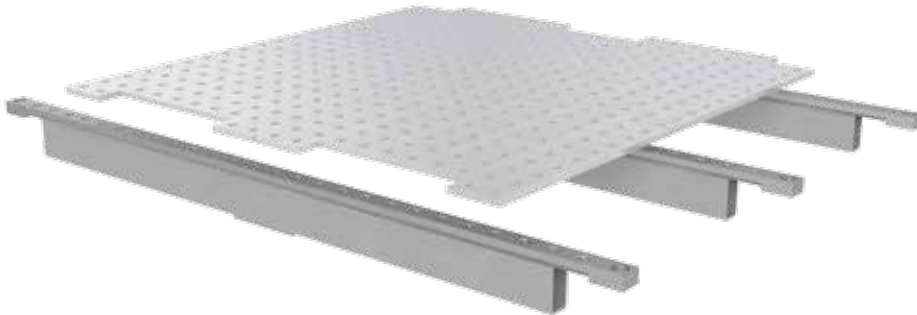




	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Support and Clamping Sleeve</b> - Burnished	50 mm	60 mm	0,60 kg	2-160500 ●

● = Stock item / ○ = Item is made to order

## Module, Grid Plates



160230



160231



160231.1



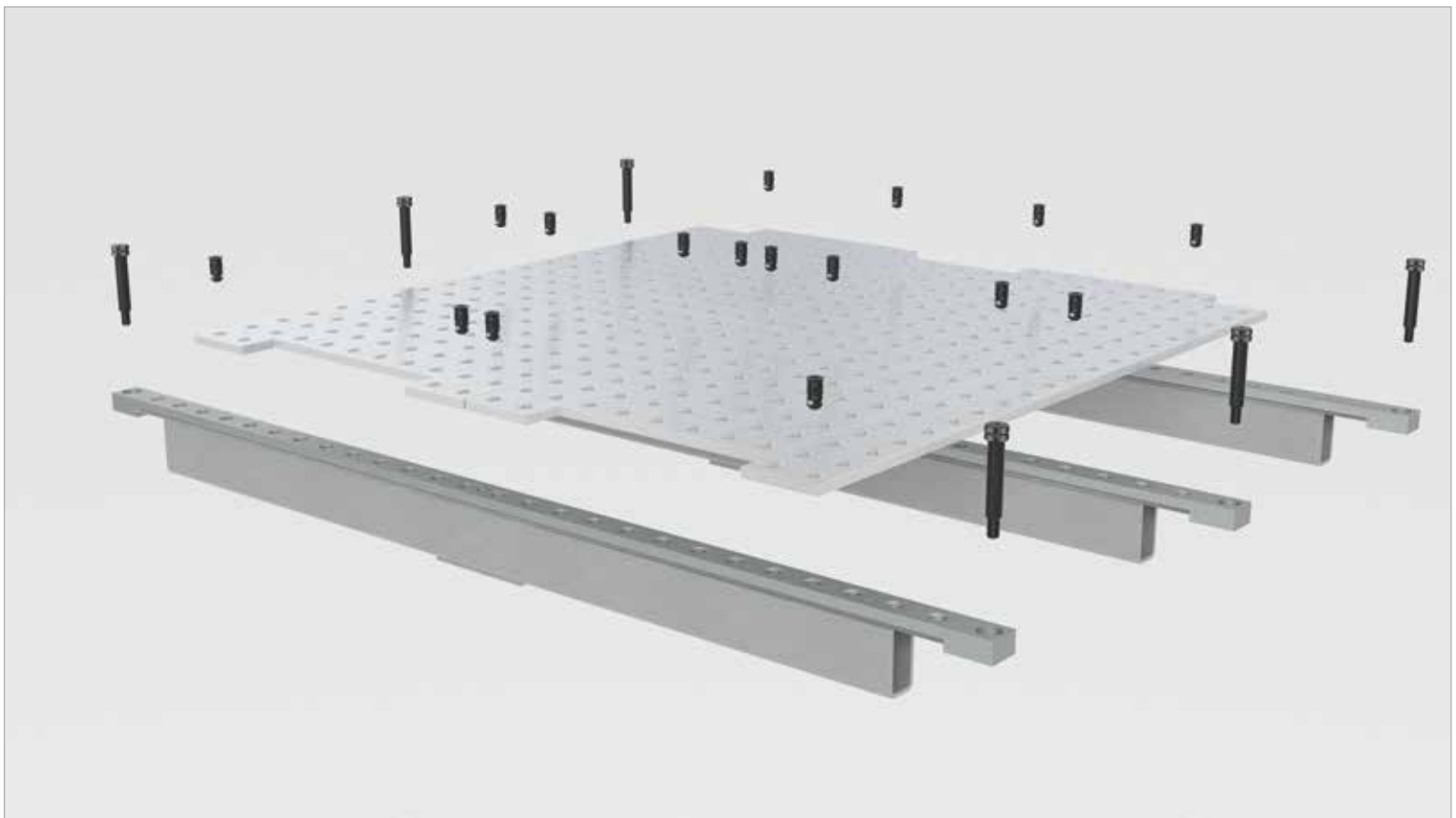
### Description:

Module Grid Plate and base support, especially designed for the application on laser machines. It offers many clamping options, as well as the direct acceptance of additional clamping components. Module Grid Plates are delivered incl. accessories like fit bolts and spacers for the installation on laser machines.

Base support, offers hole pattern with 50 mm spacing for flexible clamping options. As a result of interleaving the contours a continuous clamping surface is achieved.

Material S355J2+N (St 52/3 Steel).





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Module, Grid Plates</b> - Polished	548 mm	498 mm	12 mm	21,20 kg	2-160230 ○
<b>Boring Grid with one row of bore holes</b>	1366 mm			15,00 kg	2-160231 ○
<b>Boring Grid with one row of bore holes</b>	1500 mm			16,00 kg	2-160232 ○
<b>Boring Grid with one row of bore holes</b>	1682 mm			18,00 kg	2-160233 ○
<b>Boring Grid with one row of bore holes</b>	2182 mm			24,00 kg	2-160234 ○
<b>Boring Grid with three rows of bore holes</b>	1366 mm			25,20 kg	2-160231.1 ○
<b>Boring Grid with three rows of bore holes</b>	1500 mm			27,00 kg	2-160232.1 ○
<b>Boring Grid with three rows of bore holes</b>	1682 mm			30,00 kg	2-160233.1 ○
<b>Boring Grid with three rows of bore holes</b>	2182 mm			41,00 kg	2-160234.1 ○
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order



	Page
Table Legs	486
Leg Standard equipment	488
Leg height-adjustable / Leg with Floor Anchoring	490
Leg with Caster and Locking Brake / Leg height-adjustable with Caster and Locking Brake	492
Hydraulic Lift / Connecting Frame	494



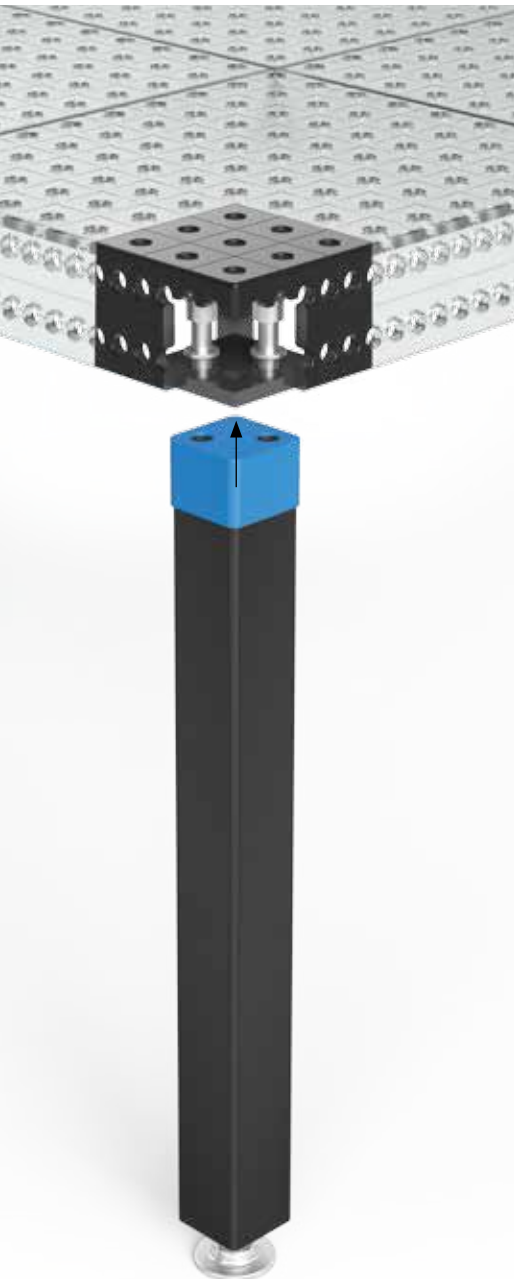
## Table Legs

### INSTALLATION TABLE LEGS:

Per table leg two cylinder bolts with spring rings are inserted in the mounting panel. Afterwards the table leg is bolted at a torque of 150 Nm.

Screws are included in delivery.

Please follow enclosed installation instructions.

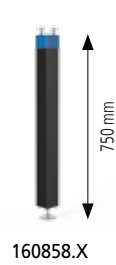


### LEG STANDARD EQUIPMENT

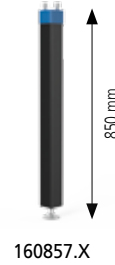
Page 488

#### STYLES

750  
850  
Special Sizes



Bearing load  
per leg:  
1,000 kg



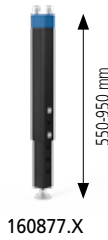
Bearing load  
per leg:  
1,000 kg

### LEG HEIGHT-ADJUSTABLE

Page 490

#### STYLES

550-950  
Special Sizes



Bearing load  
per leg:  
1,000 kg

### LEG WITH FLOOR ANCHORING

Page 491

#### STYLES

750  
Special Sizes



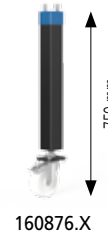
Bearing load  
per leg:  
1,000 kg

### LEG WITH CASTER AND LOCKING BRAKE

Page 492

#### STYLES

750  
Special Sizes



Bearing load  
per leg:  
200 kg

### LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

Page 493

#### STYLES

600-900  
Special Sizes



Bearing load  
per leg:  
200 kg

Table legs not for Basic tables.



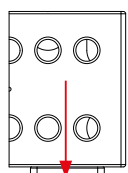
### BEARING LOAD PER LEG

The maximum bearing load per leg in system 16 is max. 200-1.000 kg for all tables depending on the leg type.

**Computationally resulting in substantially higher overall loads. However, the indicated bearing loads were calculated with reserves for safety reasons.**

Please consult with manufacturer, if higher overall loads are required.

### FOR MAXIMUM SECURITY:

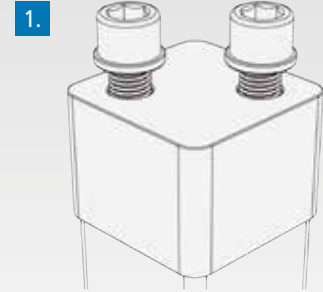
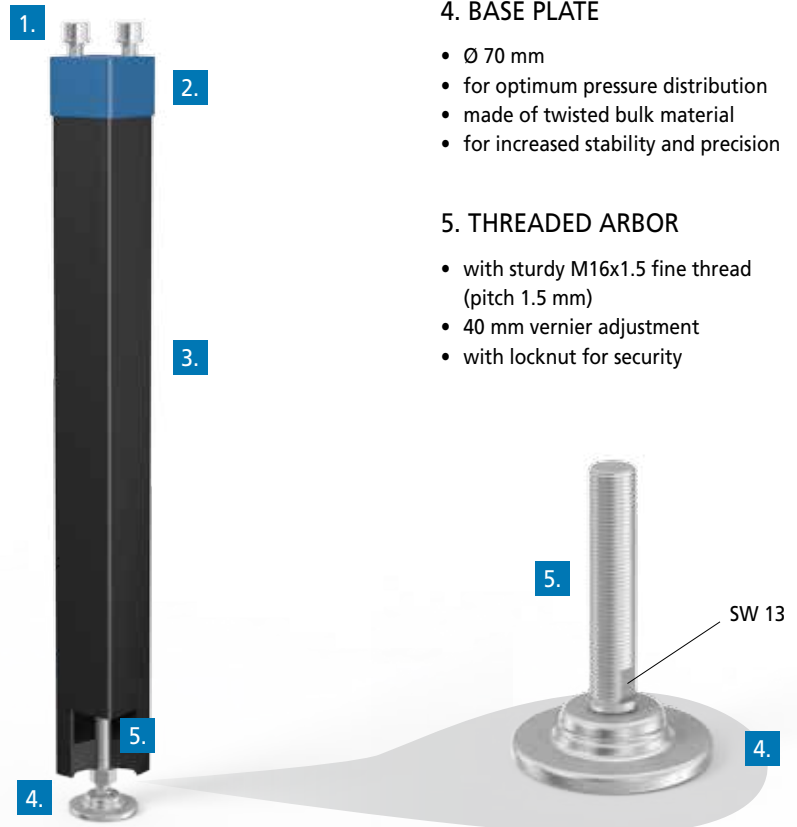


Allowable bearing load:

Vertical force direction:  
10 kN

Horizontal force direction:

Maximum stability ensured by large section tube (70x70 mm)



### 1. ALLEN SCREW

- with M16 thread
- with lockwasher for security

### 2. SLEEVE

Professional Extreme design used as a distinguishing feature

### 3. MATERIAL

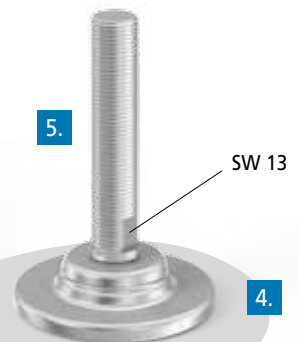
- stable square pipe 70x70 mm
- for increased stability
- powder coated

### 4. BASE PLATE

- Ø 70 mm
- for optimum pressure distribution
- made of twisted bulk material
- for increased stability and precision

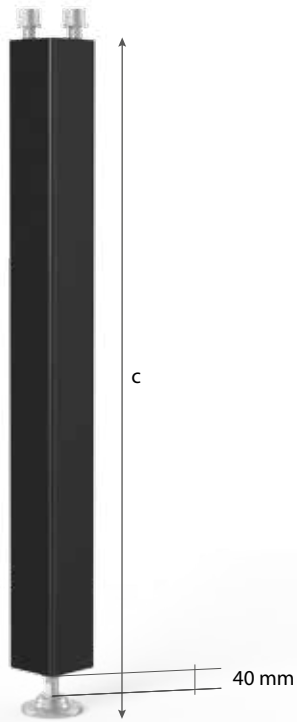
### 5. THREADED ARBOR

- with sturdy M16x1.5 fine thread (pitch 1.5 mm)
- 40 mm vernier adjustment
- with locknut for security





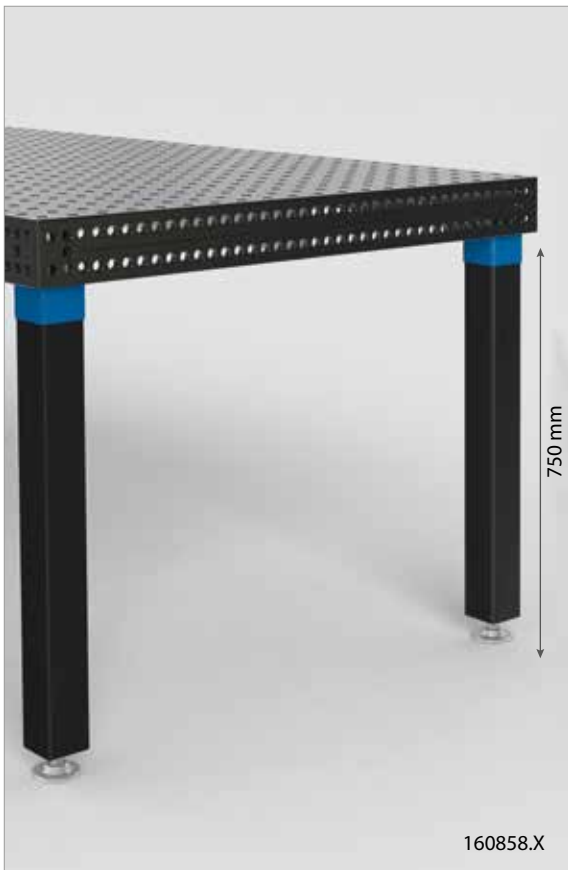
## Leg Standard equipment



### Description:

Leg Standard Equipment, available in various lengths (special lengths upon request).  
Load-bearing capacity 1,000 kg, adjustable up to 40 mm (vernier adjustment).

Leg Boot protects threaded arbor from dirt and prevents damages to the welding hose, due to the constant contact with the threaded arbor.

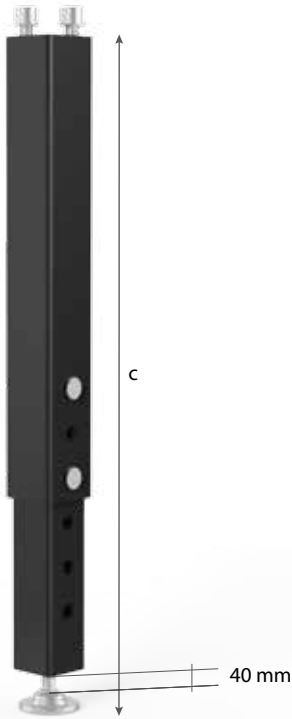




	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg Standard equipment 750</b> - 40 mm vernier adjustment	70 mm	70 mm	750 mm	6,10 kg	2-160858.X ●
<b>Leg Standard equipment 850</b> - 40 mm vernier adjustment	70 mm	70 mm	850 mm	6,70 kg	2-160857.X ●
<b>Additional sizes upon request</b>					○
<b>Leg Standard equipment 815</b> - 50 mm vernier adjustment - Standard - leg height for Basic Table	70 mm	70 mm	815 mm	6,50 kg	2-161856 ●
<b>Sleeve for Table Leg</b> - for Leg Standard / Floor anchoring	70 mm	70 mm	100 mm	0,35 kg	2-160859.X ●

● = Stock item / ○ = Item is made to order

## Leg height-adjustable



160877.X

### Description:

Leg height-adjustable, adjustable within a range of 550-950 mm. Load-bearing capacity of 1,000 kg per leg remains constant at any height. A second locking bolt ensures additional stability. The Leg is vernier adjustable up to 40 mm.



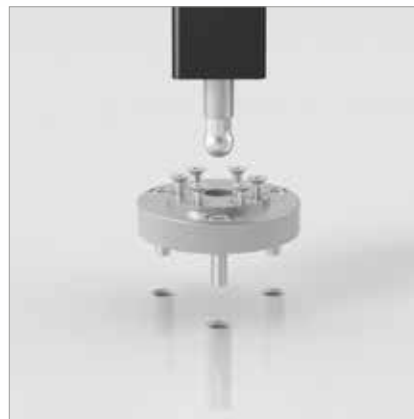
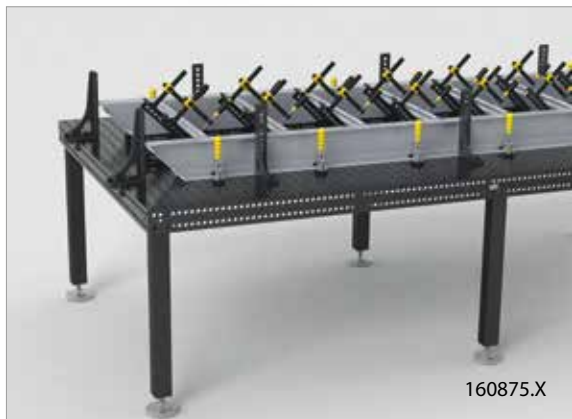
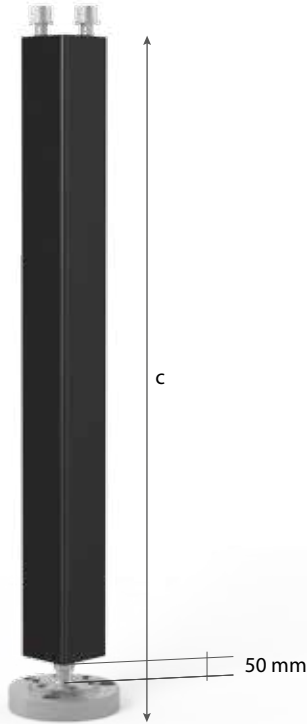
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg height-adjustable 550-950</b> - 40 mm vernier adjustment	70 mm	70 mm	550-950 mm	7,00 kg	2-160877.X ●
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

Leg with Floor Anchoring

**Description:**

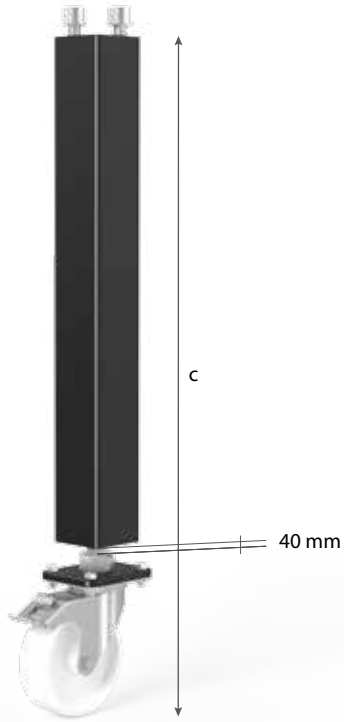
Leg with floor anchoring, load-bearing capacity of 1,000 kg and suitable for all applications that demand stability. Leg is adjustable up to 50 mm (vernier adjustment).



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Leg with Floor Anchoring 750</b> - 50 mm vernier adjustment	70 mm	70 mm	750 mm		8,30 kg	2-160875.X ●
<b>Leg with Floor Anchoring 850</b> - 50 mm vernier adjustment	70 mm	70 mm	850 mm		9,30 kg	2-160873.X ○
<b>Leg with Floor Anchoring 815</b> - 50 mm vernier adjustment - Standard - leg height for Basic Table	70 mm	70 mm	815 mm		9,10 kg	2-160874.X ○
<b>Plate for Floor Anchoring</b> - Interchangeable with base plate for leg standard equipment and leg height adjustable.			130 mm	120 mm	2,50 kg	2-160868 ○

● = Stock item / ○ = Item is made to order

## Leg with Caster and Locking Brake

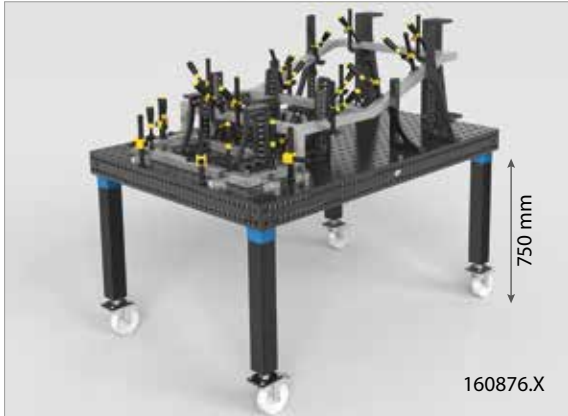


160876.X

161855

### Description:

Leg with Caster and Locking Brake, load-bearing capacity of 200 kg per caster, height-adjustable by turning the spacer plate by 40 mm (vernier adjustment), equipped with a reinforced arbor.



160876.X



161855



161855

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg with Caster and Locking Brake 750</b> - 40 mm vernier adjustment	70 mm	70 mm	750 mm	7,00 kg	2-160876.X ●
<b>Leg with Caster and Locking Brake 815</b> - 50 mm vernier adjustment - Standard - leg height for Basic Table	70 mm	70 mm	815 mm	7,50 kg	2-161855 ●
<b>Additional sizes upon request</b>					○

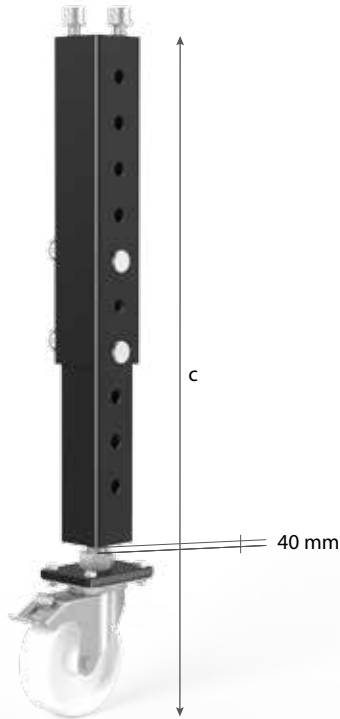
● = Stock item / ○ = Item is made to order



Leg height-adjustable with Caster and Locking Brake

**Description:**

Leg height-adjustable with Caster and Locking Brake, load-bearing capacity 200 kg and vernier adjustable up to 40 mm.



160879.X



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Leg height-adjustable with Caster and Locking Brake 600-900</b> - 40 mm vernier adjustment	70 mm	70 mm	600-900 mm	8,00 kg	2-160879.X ●
<b>Additional sizes upon request</b>					○

● = Stock item / ○ = Item is made to order

## Hydraulic Lift for System 16



### Description:

Hydraulic Lift, facilitates quick and smooth height adjustment of welding- and clamping tables. Consequently, it simplifies handling of large work pieces.

Additional bearing loads and options in special sizes are available upon request.

Cable length for feed cable and operation unit is 3 m each. Basic height of Hydraulic Lift equals its minimum height. Maximum height results from basic height plus specified effective stroke. Height specifications refer to lifting platform without table.

Item No.

### Hydraulic Lift for System 16

- Prices and sizes correspond with System 28. They are adapted to System 16, accordingly.

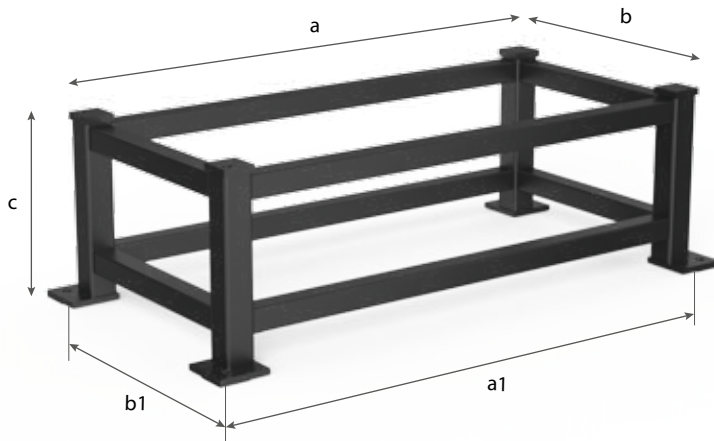
○

● = Stock item / ○ = Item is made to order

Connecting Frame for System 16

**Description:**

Connecting Frame, bolted onto foundation rails along with the work table, enabling quick change of position. By linking up several connecting frames and foundation rails, complex configurations can be structured efficiently.



Item No.

**Connecting Frame for System 16**  
 - Prices and sizes correspond with System 28. They are adapted to System 16, accordingly.

○

● = Stock item / ○ = Item is made to order



	Page
Eccentric Stop / Flex Stop Aluminum	498
Flex Stop Steel	500
<hr/>	
Universal Stop 50 L / 80 L	502
Universal Stop 75 L / 115 L	504
Universal Stop 150 L / Clamping Bridge	506
Universal Stop 300 M / 500 M	508
<hr/>	
Flat Square 250 / Angle Alignment Template	510





## Eccentric Stop

### Description:

Eccentric Stops, perfectly suited for infinite adjustment of elements by simply twisting them, with minimum space requirements.

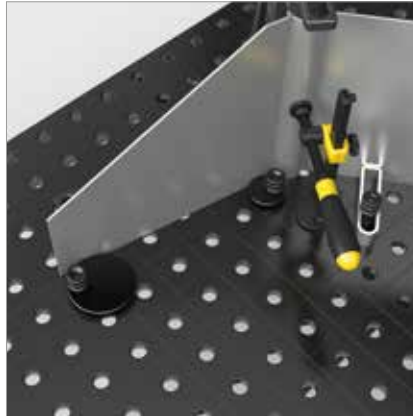


160401

160402



160403



	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Eccentric Stop Ø 45</b> - Burnished - in situations with limited space	45 mm	12 mm	0,13 kg	2-160401 ●
<b>Eccentric Stop Ø 75 with M10 thread</b> - Burnished - for ground connection	75 mm	12 mm	0,38 kg	2-160402 ●
<b>Eccentric Stop Ø 75</b> - Burnished - also serves as support surface	75 mm	12 mm	0,39 kg	2-160403 ●

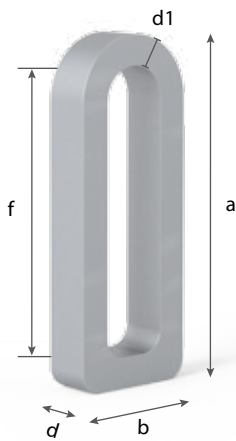
MS=Material thickness;

● = Stock item / ○ = Item is made to order

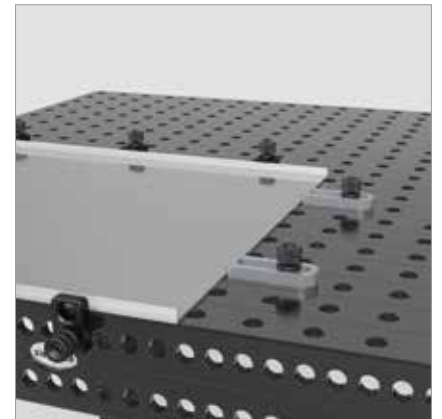
Flex Stop 83 Aluminum

**Description:**

Flex Stop Aluminum, individually adjustable through the oblong slot. Due to its radiused clamping sides, it can be versatilely used in corners as well as freeform stop surfaces. The Flex Stop is favoured when working with stainless steel and in confined spaces.



160412

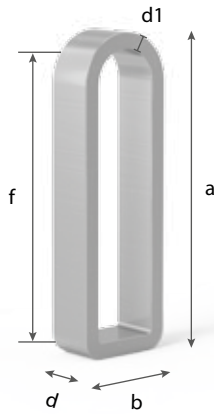


	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 12x83</b> - Aluminum	83 mm	31 mm	12 mm	8 mm	50 mm	0,05 kg	2-160412 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

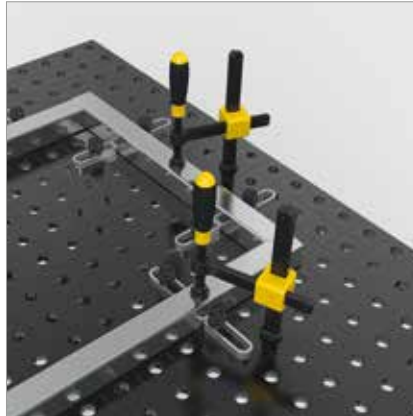
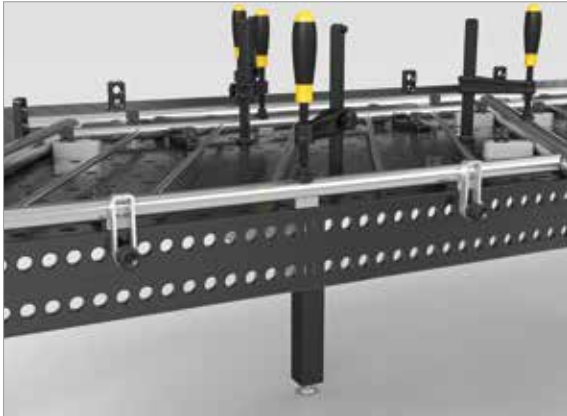
## Flex Stop 76 Steel



160415



160416



### Description:

Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.

	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 12x76</b> - galvanized	76 mm	24 mm	12 mm	4 mm	50 mm	0,07 kg	2-160415 ●
<b>Flex Stop 24x76</b> - Clamping Bolt long required - galvanized	76 mm	24 mm	24 mm	4 mm	50 mm	0,13 kg	2-160416 ●

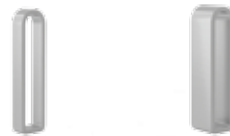
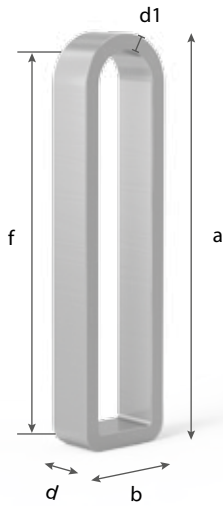
MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Flex Stop 97 Steel

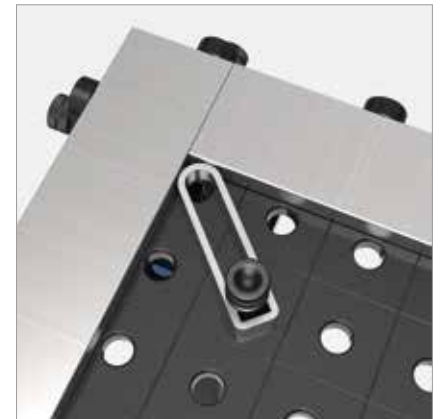
**Description:**

Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.



160417

160418



	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
<b>Flex Stop 12x97</b> - galvanized	97 mm	24 mm	12 mm	4 mm	71 mm	0,08 kg	2-160417 ●
<b>Flex Stop 24x97</b> - Clamping Bolt long required - galvanized	97 mm	24 mm	24 mm	4 mm	71 mm	0,16 kg	2-160418 ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

## Universal Stop 50 L

### Description:

Universal Stop 50 L, can be firmly fixed in place through the two system bore holes. Especially in confined spaces it offers many application options.



160407



**Universal Stop 50 L**  
- Burnished

Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
50 mm	30 mm	12 mm	0,08 kg	2-160407 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order



Universal Stop 80 L

**Description:**

Universal Stop 80 L, can be firmly fixed in place through the three system bore holes.



160408



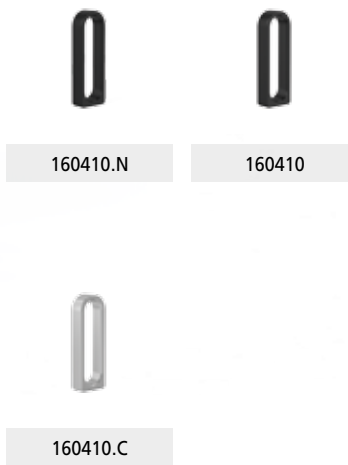
**Universal Stop 80 L**  
- Burnished

Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
80 mm	30 mm	12 mm	0,16 kg	2-160408 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Universal Stop 75 L



### Description:

The Universal Stop 75 L, individually adjusted through the oblong hole within a range of 0-50 mm.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 75 L</b> - Nitrided	75 mm	30 mm	12 mm	50 mm	0,07 kg	2-160410.N ●
<b>Universal Stop 75 L</b> - Burnished	75 mm	30 mm	12 mm	50 mm	0,07 kg	2-160410 ●
<b>Universal Stop 75 L</b> - Chromed	75 mm	25 mm	12 mm	50 mm	0,07 kg	2-160410.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

Universal Stop 115 L



160420.N



160420



160420.A

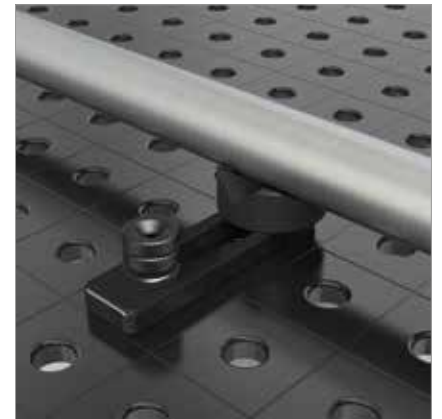


160420.C

**Description:**

Universal Stop 115 L, fixed or variably adjustable, due to the combination of oblong slot and system bore holes (adjustment range 0-50 mm). It is also appropriate for use with prisms and adapters.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
<b>Universal Stop 115 L</b> - Nitrided - Standard with fine scaling on both sides	115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420.N ●
<b>Universal Stop 115 L</b> - Burnished	115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420 ●
<b>Universal Stop 115 L</b> - Aluminum	115 mm	30 mm	12 mm	50 mm	0,05 kg	2-160420.A ●
<b>Universal Stop 115 L</b> - Chromed	115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420.C ○

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

## Universal Stop 150 L



160422



160422.C

### Description:

Universal Stop 150 L, enables fixed and versatile adjustment (0-50 mm range), due to the combination of the oblong slot and system bore holes. It is also suitable for work with prisms and adapters.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
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**Universal Stop 150 L**

- 3 system bore holes
- Burnished
- Standard with fine scaling on both sides

150 mm	35 mm	12 mm	50 mm	0,33 kg	2-160422 ●
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**Universal Stop 150 L**

- 3 system bore holes
- Chromed
- Standard with fine scaling on both sides

150 mm	35 mm	12 mm	50 mm	0,33 kg	2-160422.C ○
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MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order

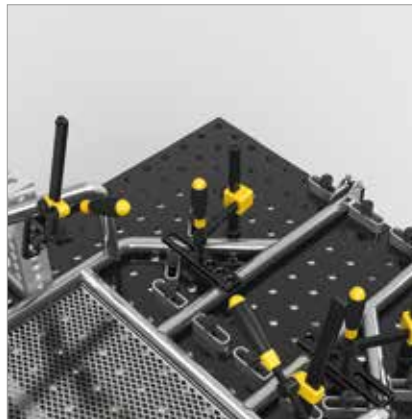
Universal Stop / Clamping Bridge

**Description:**

Universal Stop, can also be used as clamping bridge. Using the small hole in the center, the Stop can be fastened with a screw clamp.



160450



**Universal Stop / Clamping Bridge**  
 - 3 system bore holes  
 - Burnished

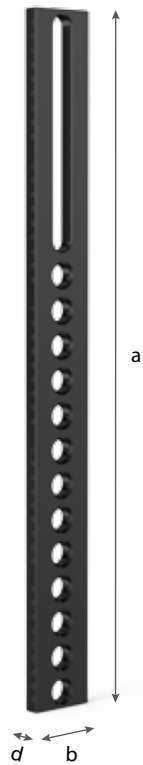
Length: (a)	Width: (b)	Ø: (o)	MS: (d)	VB: (f)	Weight:	Item No.
175 mm	35 mm	16 mm	12 mm	50 mm	0,40 kg	2-160450 ●

MS=Material thickness; VB=Adjusting range;

● = Stock item / ○ = Item is made to order



## Universal Stop 300 M / 500 M



160425



160425.C



160432



160432.C

### Description:

Universal Stop 300 M / 500 M, can be firmly or variably fixed due to the combination of system bore holes and the oblong slot (adjustment range 0-150 mm), therefore offering a multitude of clamping options.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



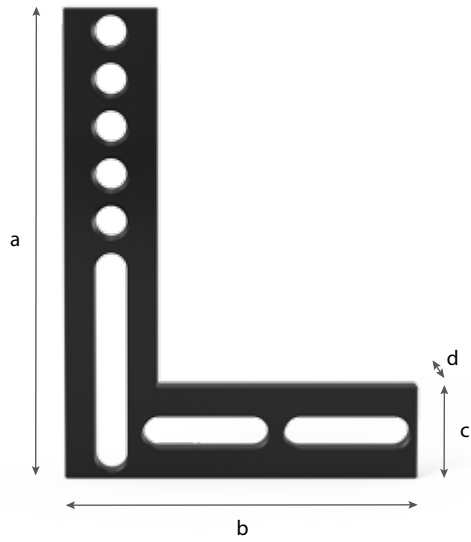


	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
<b>Universal Stop 300 M</b> - 7 system bore holes - Burnished	300 mm	50 mm	12 mm	1,08 kg	2-160425 ●
<b>Universal Stop 300 M</b> - 7 system bore holes - Chromed	300 mm	50 mm	12 mm	1,08 kg	2-160425.C ○
<b>Universal Stop 500 M</b> - 13 system bore holes - Burnished	500 mm	50 mm	12 mm	1,85 kg	2-160432 ●
<b>Universal Stop 500 M</b> - 13 system bore holes - Chromed	500 mm	50 mm	12 mm	1,85 kg	2-160432.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Flat Square 250



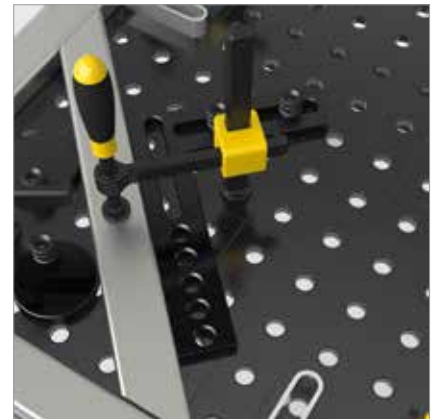
160444

160444.C

### Description:

Flat Square, fixed or variably adjustable due to the combination of system bore holes and the oblong slot. The Flat Square is freely adjustable over a length of up to 100 mm.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
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<b>Flat Square</b> - 5 system drill holes - Burnished	250 mm	188 mm	50 mm	12 mm	1,35 kg	2-160444 ●
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<b>Flat Square</b> - 5 system drill holes - Chromed	250 mm	188 mm	50 mm	12 mm	1,35 kg	2-160444.C ○
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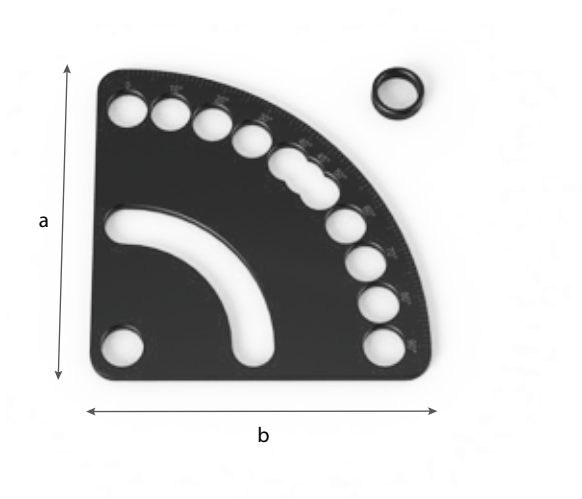
MS=Material thickness;

● = Stock item / ○ = Item is made to order

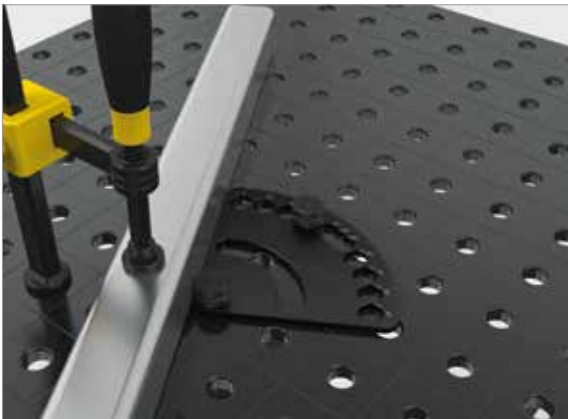
Angle Alignment Template

**Description:**

Angular Adjustment Template, enables precise adjustment, optional in 10° increments or continuously variable from 0-90°. Versatile application due to 1° precision scale.



160455



Angle Alignment Template	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
- Burnished - Spacer Sleeve incl.	130 mm	130 mm	5 mm	0,40 kg	2-160455 ●

● = Stock item / ○ = Item is made to order

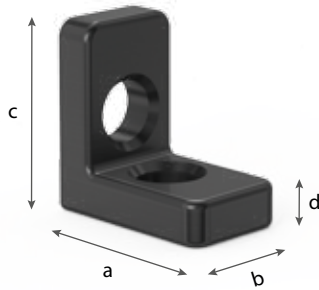




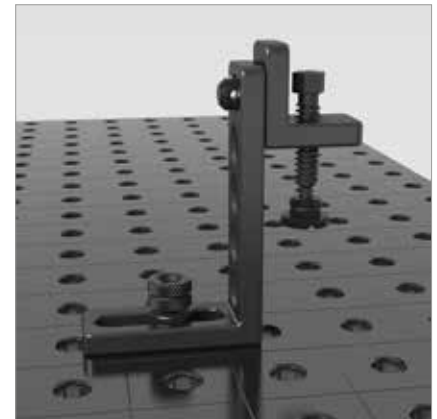
	Page
Stop and Clamping Square 50 L / 90 X / 90 SL	514
Stop and Clamping Square 90 L	516
Stop and Clamping Square 90 WL / 90 VL / 140 L	518
Stop and Clamping Square 150 L / Rotation Angle 90 / 150	520
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Stop and Clamping Square 250 D / 500 D / 750 D	532
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Adjustable Angle Protractor	534
Corner Connection / Support and Clamping Frame	536
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Clamping Block	538
Square U-Shape 100/100	540
Square U-Shape 200/100	542



## Stop and Clamping Square 50 L



160105



### Description:

Stop and Clamping Square 50 L, applicable as a stop for large footprints. In addition, it is compatible with other squares. A height-adjustable surface can be created by combining it with a Stop and Clamping Square equipped with an oblong slot, e.g. 90 WL (Item No. 160111).

Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
50 mm	30 mm	50 mm	12 mm	0,20 kg	2-160105 ●

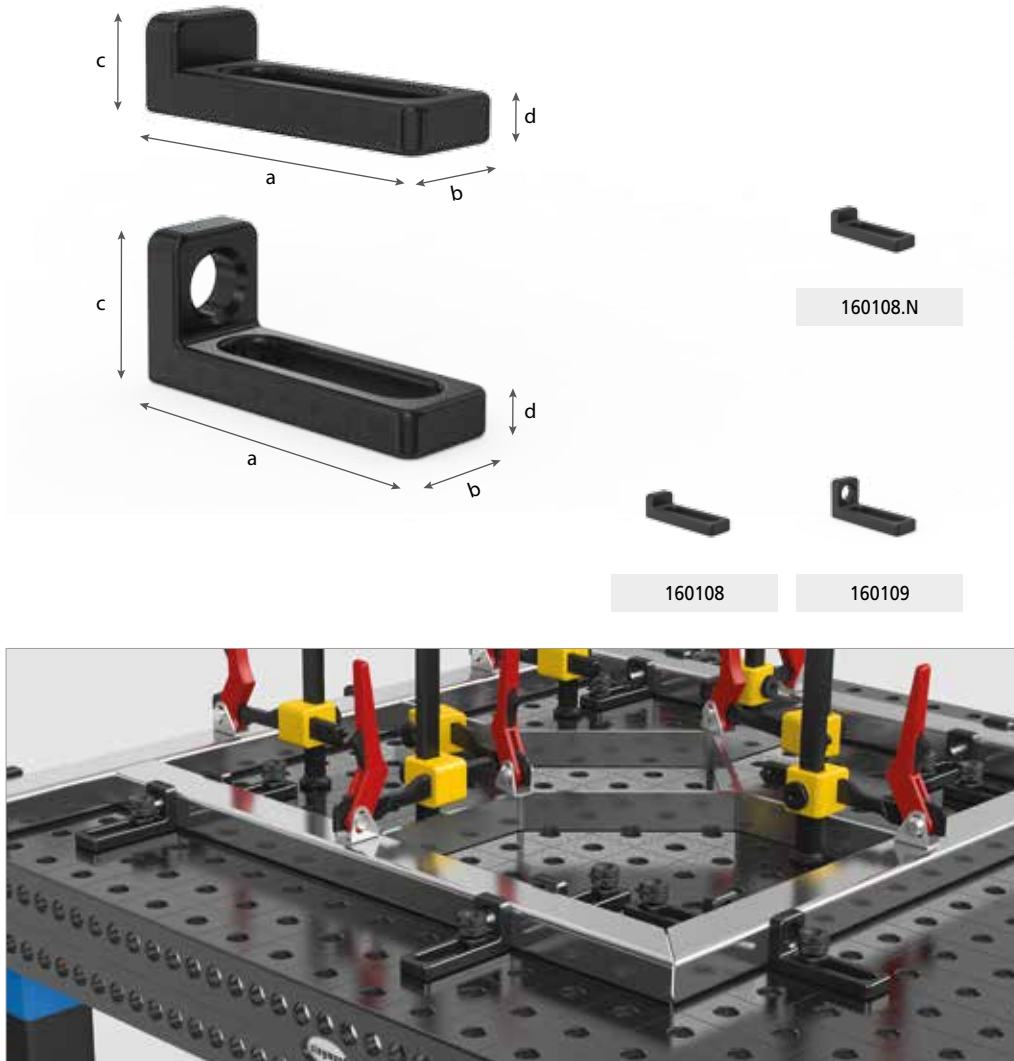
MS=Material thickness;

● = Stock item / ○ = Item is made to order

Stop and Clamping Square 90 X / 90 SL

**Description:**

Stop and Clamping Square 90 SL / 90 X, can be used as a stop for large sections. By clamping the oblong slot, the Stop and Clamping Square 90 SL creates a height-adjustable surface.

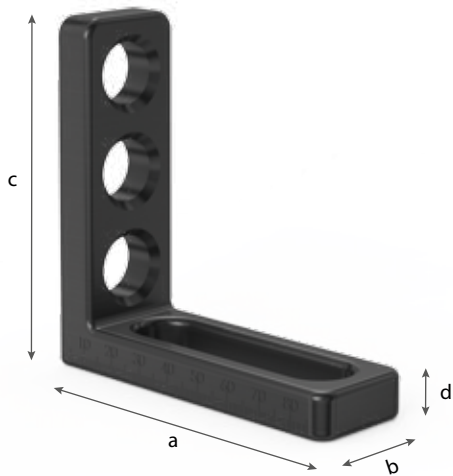


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 90 X</b> - Nitrided - Standard with fine scaling on both sides	90 mm	30 mm	25 mm	12 mm	0,19 kg	2-160108.N ●
<b>Stop and Clamping Square 90 X</b> - Burnished	90 mm	30 mm	25 mm	12 mm	0,19 kg	2-160108 ●
<b>Stop and Clamping Square 90 SL</b> - Burnished - Standard with fine scaling on both sides	90 mm	30 mm	40 mm	12 mm	0,21 kg	2-160109 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 90 L



160110.N



160110.G



160110.A



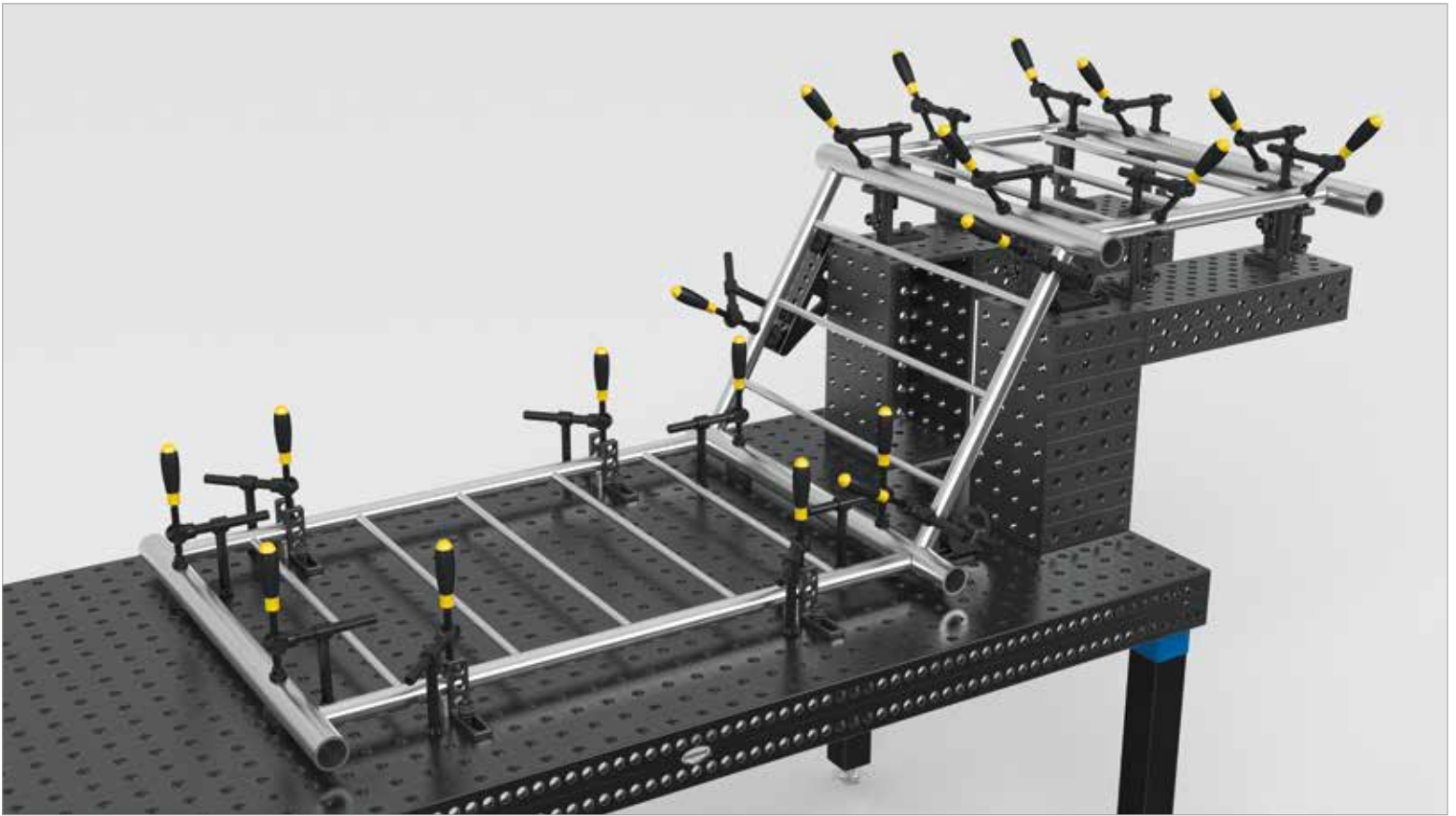
160110.C

### Description:

Stop and Clamping Square 90 L, can be utilized as a multifunctional adjustable angle, by combining system bore holes and oblong slot. A height-adjustable support can be created, by combining the Stop and Clamping Square 50 L (Item No. 160105) and the Stop and Clamping Square 90 SL (Item No. 160109). It also functions well as a stop for large parts.

Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.





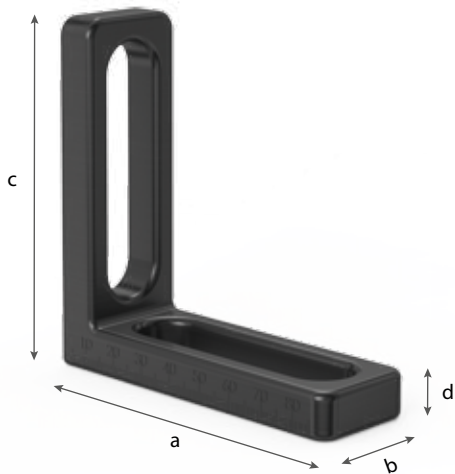
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 90 L</b> - drill hole / oblong slot - Nitrided - Standard with fine scaling on both sides	90 mm	30 mm	90 mm	12 mm	0,31 kg	2-160110.N ●
<b>Stop and Clamping Square 90 L Cast Iron</b> - drill hole / oblong slot - Burnished	90 mm	30 mm	90 mm	12 mm	0,28 kg	2-160110.G ●
<b>Stop and Clamping Square 90 L Aluminum</b> - drill hole / oblong slot - Aluminum	90 mm	30 mm	90 mm	12 mm	0,11 kg	2-160110.A ●
<b>Stop and Clamping Square 90 L Chromed</b> - drill hole / oblong slot - Chromed	90 mm	30 mm	90 mm	12 mm	0,31 kg	2-160110.C ○

MS=Material thickness;

● = Stock item / ○ = Item is made to order



## Stop and Clamping Square 90 WL / 90 VL



160111



160113

### Description:

Stop and Clamping Square 90 WL, adjustable due to the oblong slots, It is a versatile and infinitely variable tool.

Stop and Clamping Square 90 VL (Item No. 160113), with both-sided bore holes can be used as a fix support bracket. By connecting it with the Stop and Clamping Square 50 L (Item No. 160105) and the Stop and Clamping Square 90 SL (Item No. 160109), it can be utilized as a height-adjustable support.



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 90 WL</b> - slot / slot - Burnished - Standard with fine scaling on both sides	90 mm	30 mm	90 mm	12 mm	0,27 kg	2-160111 ●
<b>Stop and Clamping Square 90 VL</b> - drill hole / drill hole - Burnished - Standard with fine scaling on both sides	90 mm	30 mm	90 mm	12 mm	0,34 kg	2-160113 ●

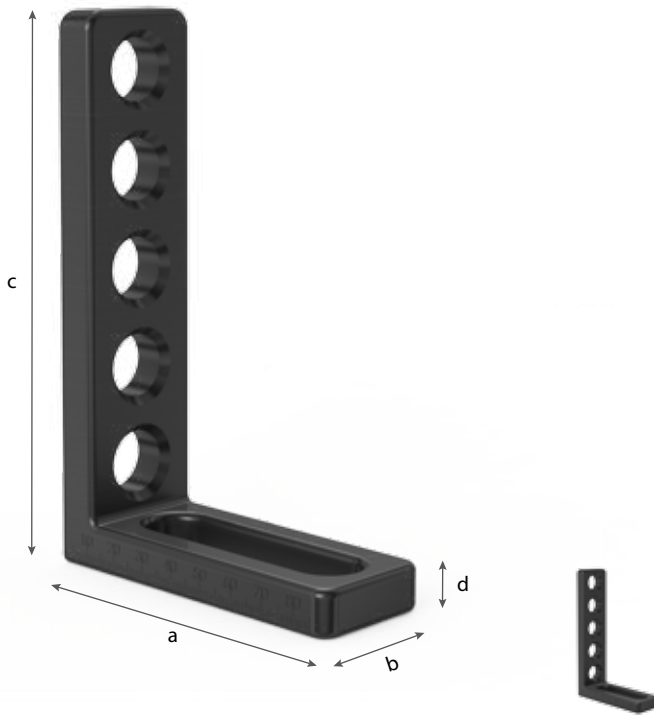
MS=Material thickness;

● = Stock item / ○ = Item is made to order

Stop and Clamping Square 140 L

**Description:**

Stop and Clamping Square 140 L, can be used for a large variety of tasks, such as a table extension for lightweight components. Due to the oblong slot, it can also function as a stop for high elements.



160112

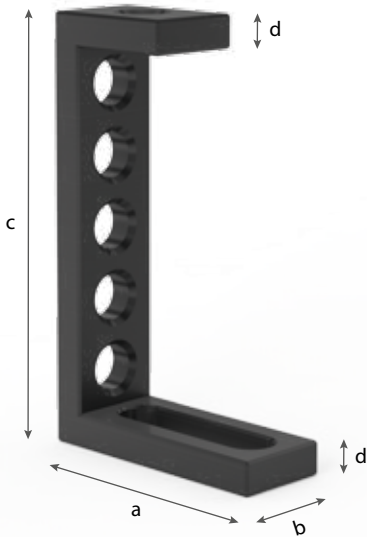


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 140 L</b> - 5 system bore holes / oblong slot - Burnished - Standard with fine scaling on both sides	90 mm	35 mm	140 mm	12 mm	0,51 kg	2-160112 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

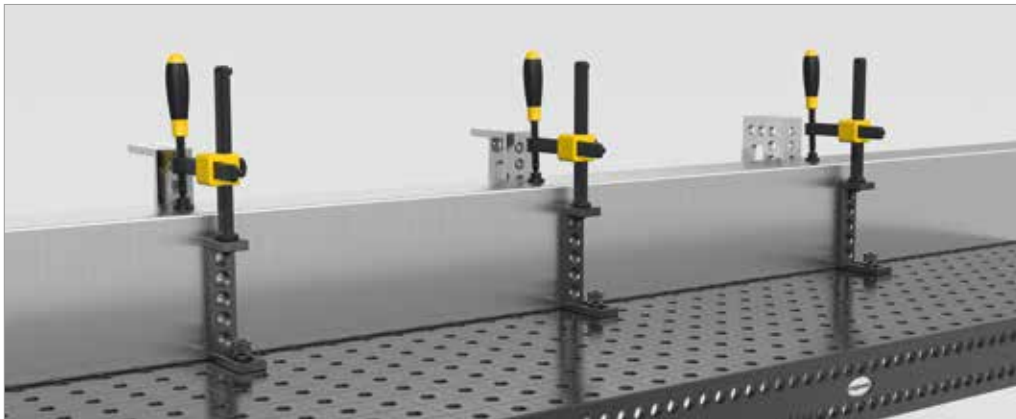
## Stop and Clamping Square 150 L



160114

### Description:

Stop and Clamping Square 150 L, adjustable square for a multitude of applications, due to the combination of system bore holes and oblong slot. The additional head plate enables further combination options: In connection with other squares or as intake for tools like prisms or clamps.



Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
90 mm	35 mm	150 mm	12 mm	0,65 kg	2-160114 ●

**Stop and Clamping Square 150 L**  
 - 6 system drill holes / oblong slot  
 - Burnished

MS=Material thickness;

● = Stock item / ○ = Item is made to order

**Description:**

The Angle of Rotation allows the infinitely variable adjustment of clamping elements with system drill holes at an angle range of 180°.

Optimal fixation is achieved by using 2 clamping bolts simultaneously.



160100

160101



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Rotation Angle 90</b> - Burnished	90 mm	90 mm	0,50 kg	2-160100 ●
<b>Rotation Angle 150</b> - Burnished	150 mm	150 mm	1,80 kg	2-160101 ●

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 300 G

### Description:

Stop and Clamping Square 300 G, fixed and variably adjustable due to the combination of system bore holes and oblong slot. It can be used versatilely e.g. as table extension. This element is manufactured of high quality GGG40 ductile cast iron.



160162



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 300 G</b> - stop on left - Burnished	150 mm	50 mm	300 mm	12 mm	2,40 kg	2-160162 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order



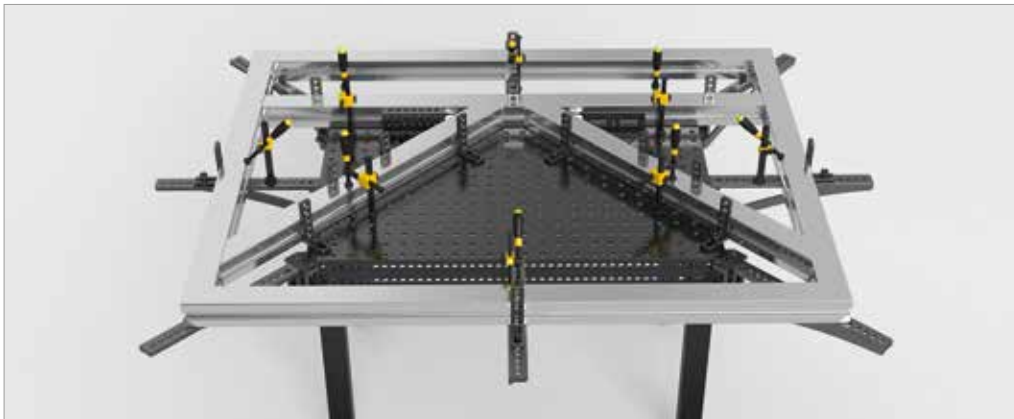
Stop and Clamping Square 500 G

**Description:**

Stop and Clamping Square 500 G, fixed and variably adjustable due to the combination of system bore holes and oblong slot. It can be used versatilely e.g. as table extension. This element is manufactured of high quality GGG40 ductile cast iron.



160164

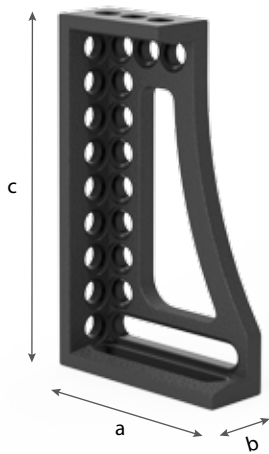


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
<b>Stop and Clamping Square 500 G</b> - stop on left - Burnished	150 mm	50 mm	500 mm	12 mm	4,40 kg	2-160164 ●

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 250 GK



160124

160126



### Description:

Stop and Clamping Square 250 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.

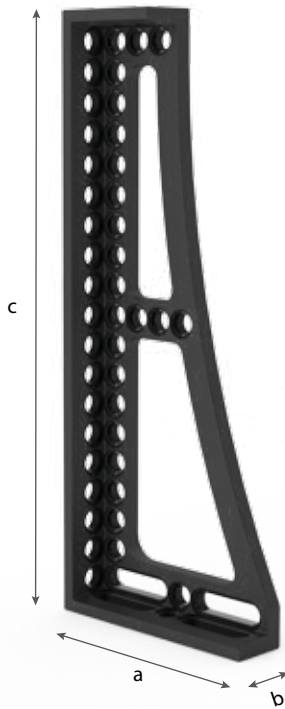
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 250 GK</b> - stop on left - Burnished - standard with fine scale	145 mm	50 mm	250 mm	2,10 kg	2-160124 ●
<b>Stop and Clamping Square 250 GK</b> - stop on right - Burnished - standard with fine scale	145 mm	50 mm	250 mm	2,10 kg	2-160126 ●

● = Stock item / ○ = Item is made to order

Stop and Clamping Square 500 GK

**Description:**

Stop and Clamping Square 500 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.



160134



160136



**Stop and Clamping Square 500 GK**

- stop on left
- Burnished
- standard with fine scale

Length: (a)    Width: (b)    Height: (c)    Weight:    Item No.

195 mm    50 mm    500 mm    5,30 kg    2-160134 ●

**Stop and Clamping Square 500 GK**

- stop on right
- Burnished
- standard with fine scale

195 mm    50 mm    500 mm    5,30 kg    2-160136 ●

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square 250 G with rotation angle

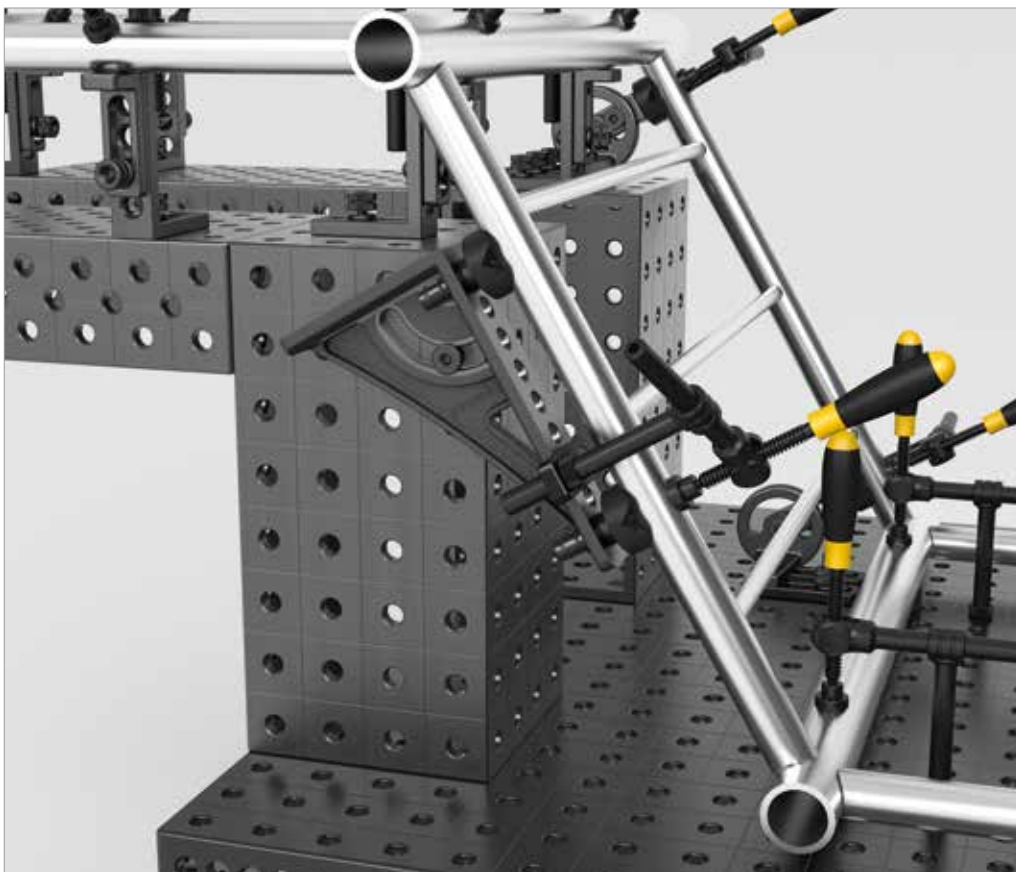


160161

160163

### Description:

Stop and Clamping Square 250 G, fixed and variably adjustable due to the combination of system bore holes and oblong slot. It can be used versatilely e.g. as table extension. This element is manufactured of high quality GGG40 ductile cast iron.



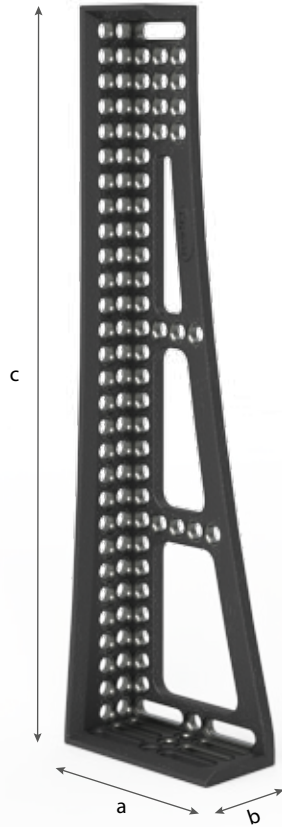


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 250 G with rotation angle</b> - stop on left - Cast iron / Burnished	145 mm	50 mm	250 mm	2,16 kg	2-160161 ●
<b>Stop and Clamping Square 250 G with rotation angle</b> - stop on right - Cast iron / Burnished	145 mm	50 mm	250 mm	2,16 kg	2-160163 ●

● = Stock item / ○ = Item is made to order



## Stop and Clamping Square 750 GK Plasma nitrided

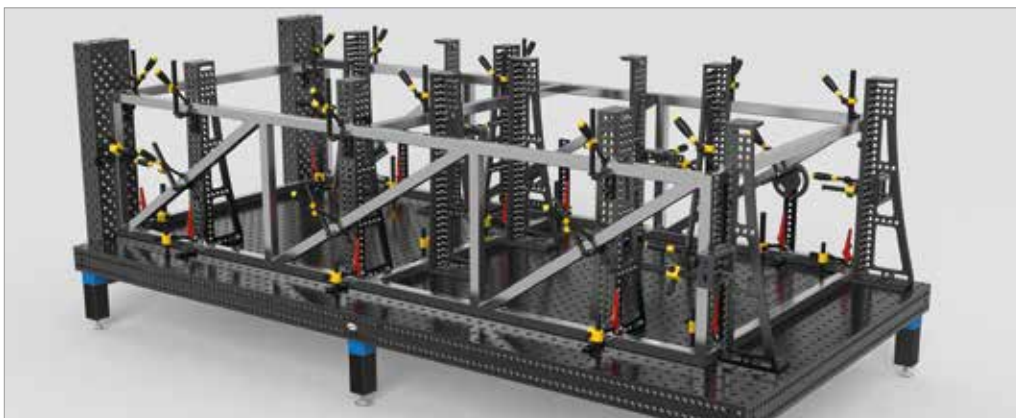


160146.P

160148.P

### Description:

Stop and Clamping Square 750 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.

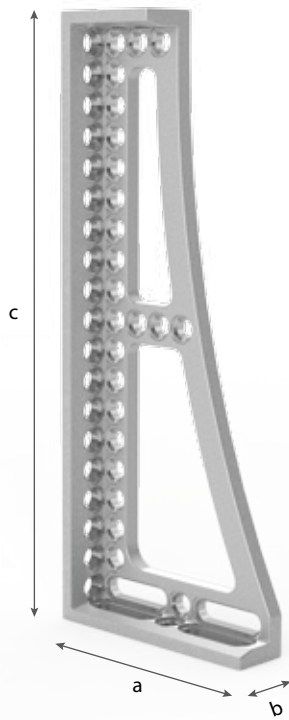




	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 750 GK Plasma nitrided</b> - stop on left - standard with fine scale	200 mm	100 mm	750 mm	8,30 kg	2-160146.P ●
<b>Stop and Clamping Square 750 GK Plasma nitrided</b> - stop on right - standard with fine scale	200 mm	100 mm	750 mm	8,30 kg	2-160148.P ●

● = Stock item / ○ = Item is made to order

## Stop and Clamping Square Aluminum-Titanium



160120



160121



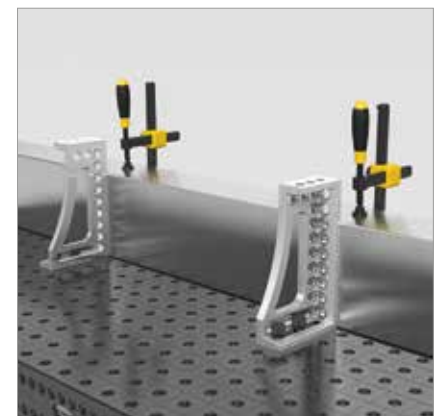
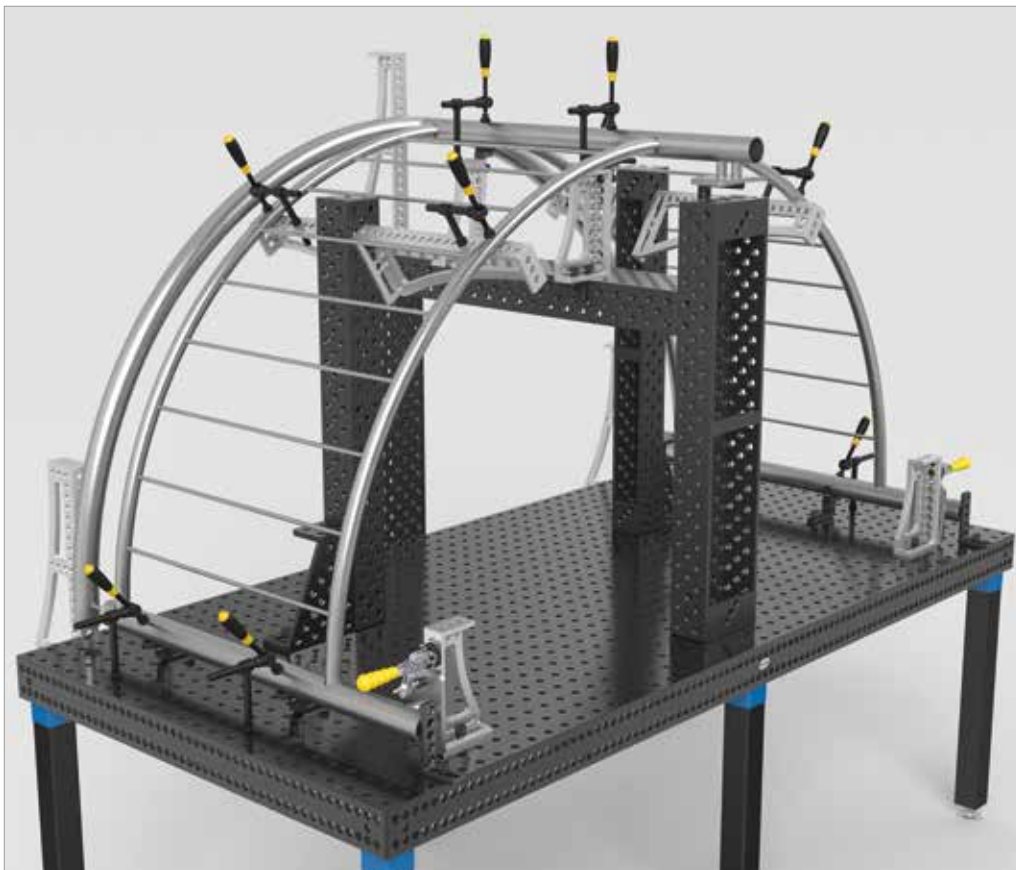
160138



160139

### Description:

Stop and Clamping Square GK aluminum-titanium, facilitates a multitude of clamping options, due to its three-dimensionality. It is especially designed for working with heavy parts, and can be used as a stop as well as a table extension. Stop and Clamping Squares are manufactured using an aluminum-titanium alloy, to reach maximum stability. Ordering in pairs is recommended.



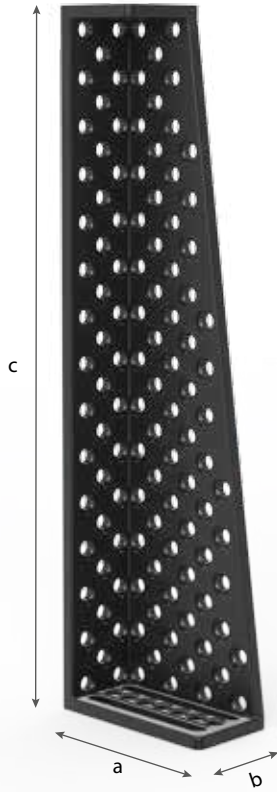


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 250 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	145 mm	50 mm	250 mm	1,20 kg	2-160120 ●
<b>Stop and Clamping Square 250 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	145 mm	50 mm	250 mm	1,20 kg	2-160121 ●
<b>Stop and Clamping Square 500 GK Aluminum-Titanium</b> - stop on left - standard with fine scale	195 mm	50 mm	500 mm	5,30 kg	2-160138 ●
<b>Stop and Clamping Square 500 GK Aluminum-Titanium</b> - stop on right - standard with fine scale	195 mm	50 mm	500 mm	5,30 kg	2-160139 ●

● = Stock item / ○ = Item is made to order



## Stop and Clamping Square 250 D / 500 D / 750 D



160140.P



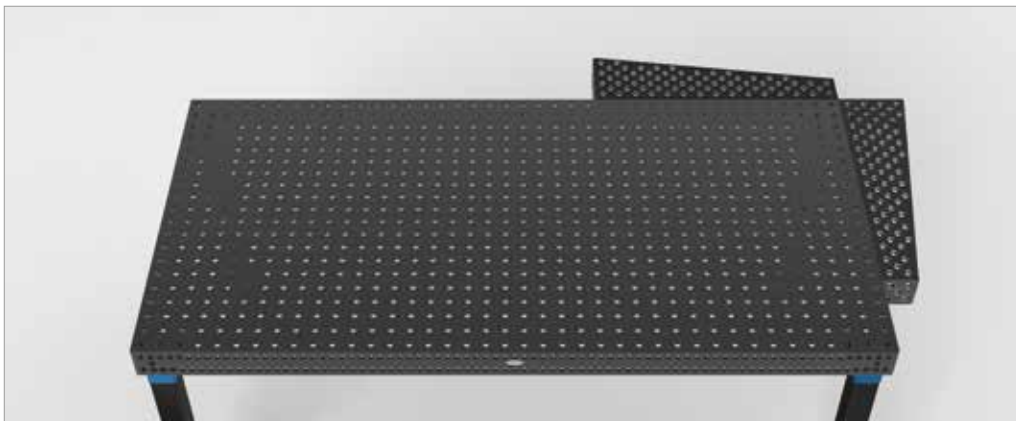
160142.P



160144.P

### Description:

Stop and Clamping Square 250 D / 500 D / 750 D, three-dimensional with diagonal hole arrangement, enables a multitude of clamping options. It works well as a table extension or vertical superstructure, in combination with other squares and stops. To achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron.



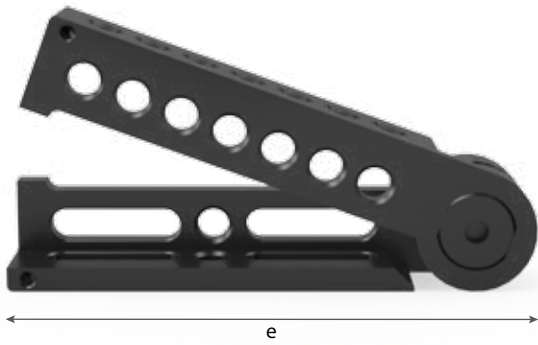




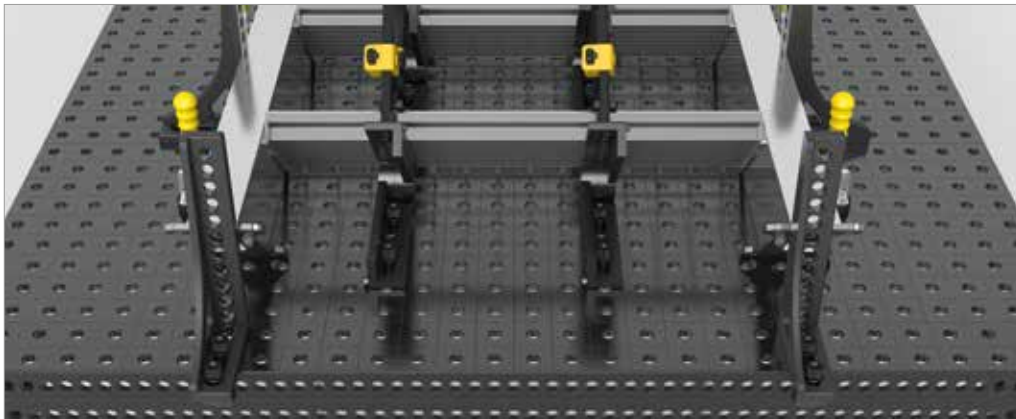
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Stop and Clamping Square 250 D Plasma nitrided</b> - stop on right	200 mm	100 mm	250 mm	6,60 kg	2-160140.P ●
<b>Stop and Clamping Square 500 D Plasma nitrided</b> - stop on right	200 mm	100 mm	500 mm	11,50 kg	2-160142.P ●
<b>Stop and Clamping Square 750 D Plasma nitrided</b> - stop on right	200 mm	100 mm	750 mm	16,40 kg	2-160144.P ●

● = Stock item / ○ = Item is made to order

## Adjustable Angle Protractor



160170



### Description:

Adjustable Angle Protractor, ideal for angle applications with high repeat accuracy. Any individual angular degree between 10° and 150° can be set. The angular degree is adjusted by using the setup template and an allen key. The Setup template is included with delivery.

**Adjustable Angle Protractor**  
 - Burnished  
 - incl setting template

SL=Side length;

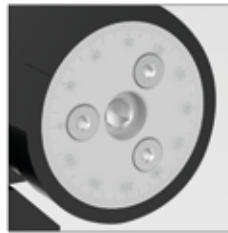
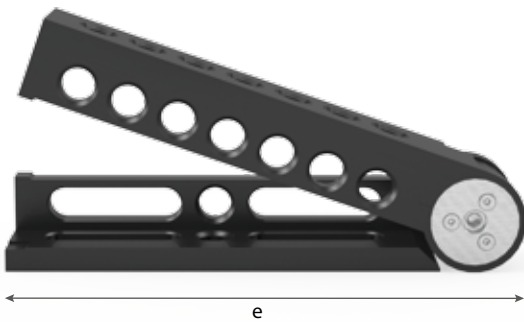
● = Stock item / ○ = Item is made to order

SL: (e)	Weight:	Item No.
350 mm	3,40 kg	2-160170 ●

Universal Angle Hydromechanical Clamping

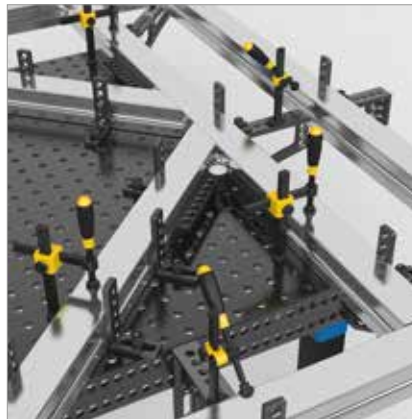
**Description:**

Universal Angle Hydromechanical Clamping, facilitates an angular structure with high retention force based on hydromechanical clamping. This square is infinitely variable ranging from 0° to 225°. A Digital Angle Gauge ensures precise setting (not included in delivery). The matching 6 mm Allen Key is available as Item No. 280852.1.



160171

280852.1



SL: (e)	Weight:	Item No.
250 mm	2,80 kg	2-160171 ●
	0,09 kg	2-280852.1 ●

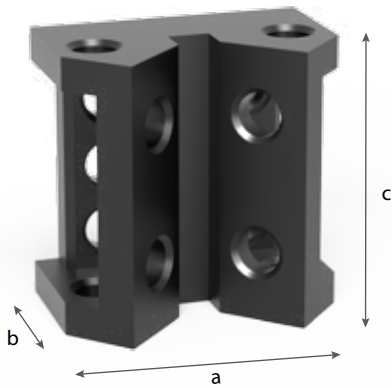
**Universal Angle Hydromechanical Clamping**  
- Burnished

**Allen Wrench 6**  
- yellow

SL=Side length;

● = Stock item / ○ = Item is made to order

## Corner Connection, Cast Iron

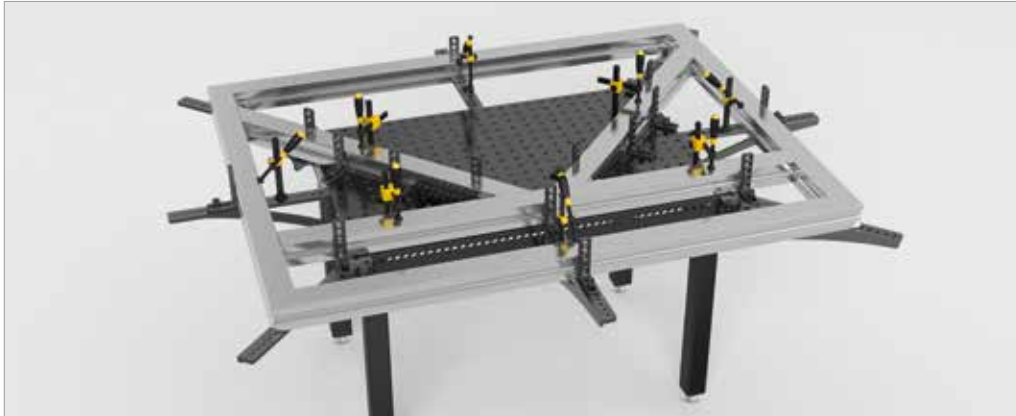


160190

### Description:

Corner Connector Cast Iron, with optional diagonal 45° table extension provides additional work space. The Corner Connector is quickly adjustable in a lock-type position. It can be used as a prism, stop or connector piece - compatible with all other squares. The Corner Connector is extremely sturdy and provides connecting, stop- and clamping options on 5 sides.

For maximum stability, the Corner Connector is made of GGG40 ductile cast iron.



**Corner Connection, Cast Iron**  
- Burnished

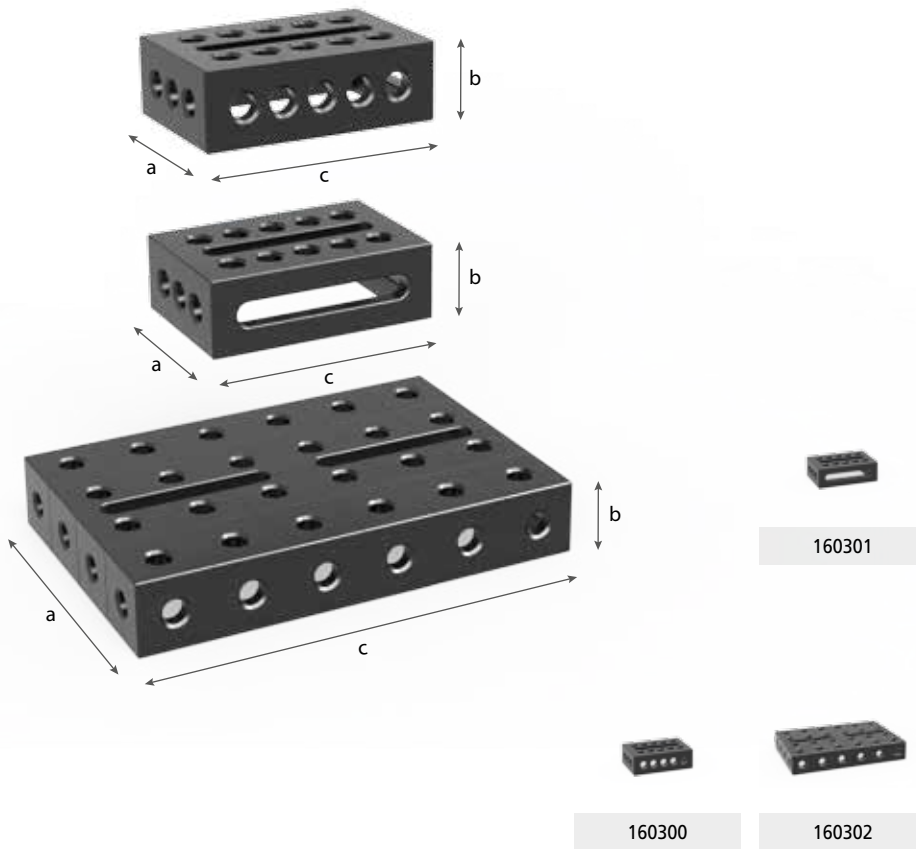
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
100 mm	65 mm	100 mm	1,70 kg	2-160190 ●

● = Stock item / ○ = Item is made to order

Support and Clamping Frame

**Description:**

Support and Clamping Frame, serves as a connection for different elements. It can be used as a table extension or console as well. The system bore holes with a 50 mm grid on five sides provide a wide range of combination options. Both fixed and variable stops are possible, as a result of the bore holes and the oblong slots.

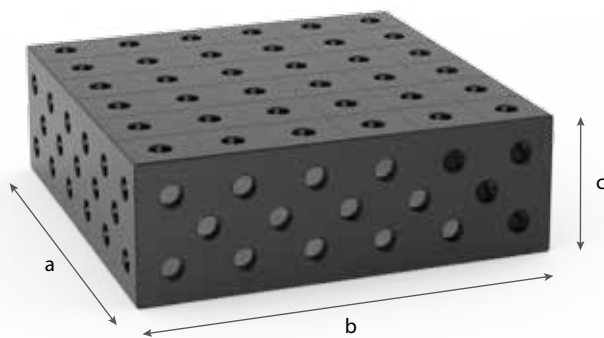


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Support and Clamping Frame, small</b> - stop on right - Burnished	100 mm	50 mm	150 mm	2,10 kg	2-160300 ●
<b>Support and Clamping Frame, small</b> - stop on left - Burnished	100 mm	50 mm	150 mm	2,10 kg	2-160301 ●
<b>Support and Clamping Frame, large</b> - Burnished	200 mm	50 mm	300 mm	7,40 kg	2-160302 ●

● = Stock item / ○ = Item is made to order



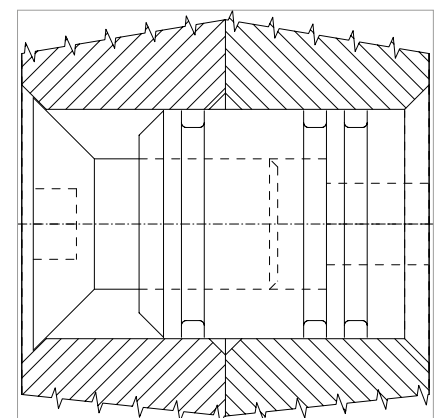
## Clamping Block

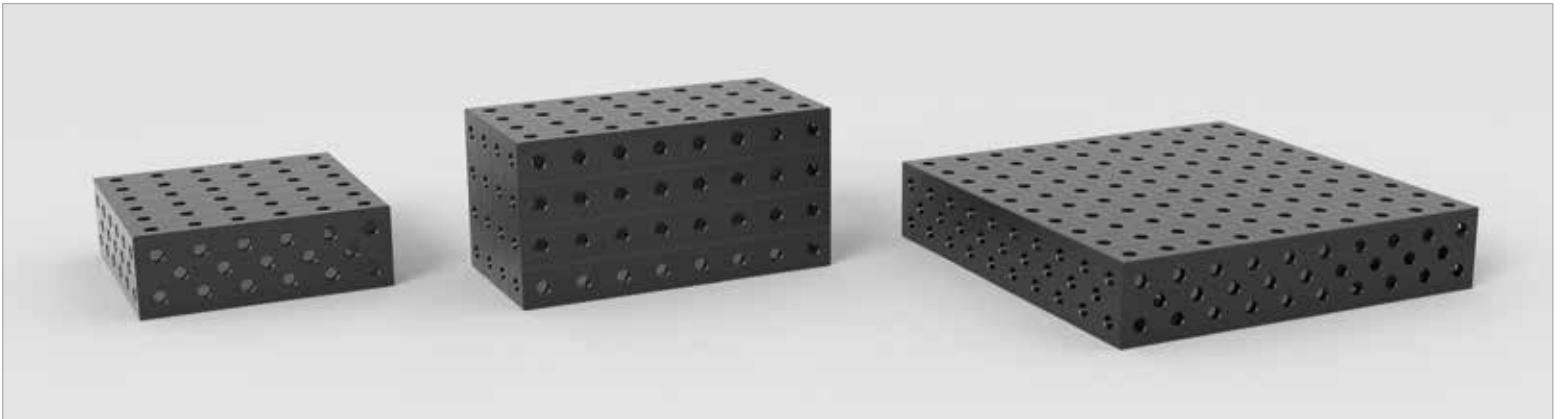
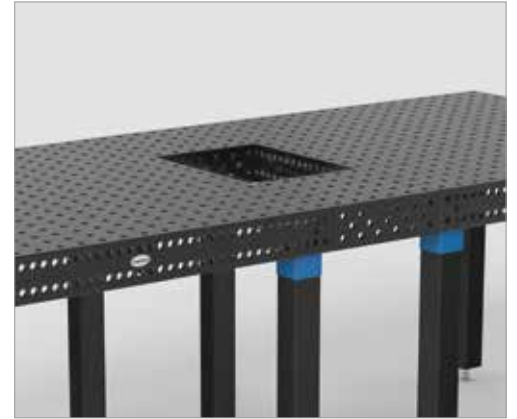


### Description:

Clamping Block, suitable as a table extension for vertical superstructures, as well as a connection of two welding tables. Individual table sizes can be achieved by connecting several clamping blocks using Connecting Bolts (Item No. 160560).

The combination of the horizontal / vertical hole arrangement at the top and a diagonal hole arrangement on the sides, enables a multitude of stop- and clamping options.



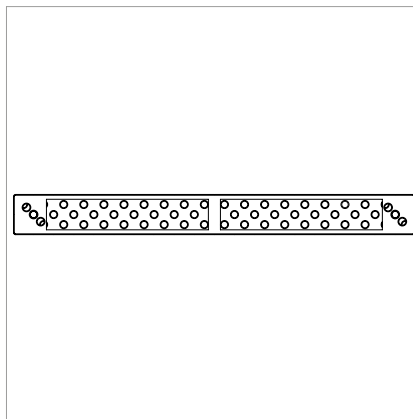
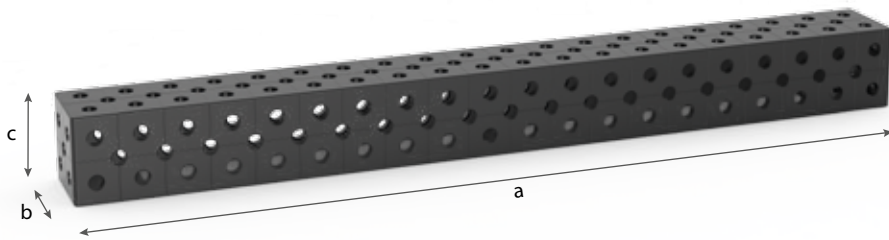


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
<b>Clamping Block 300x300x100</b> - five-sided - Plasma nitrided	300 mm	300 mm	100 mm	12 mm	approx. 16 kg	2-160280.P ●
<b>Clamping Block 400x200x200</b> - five-sided - Plasma nitrided	400 mm	200 mm	200 mm	12 mm	approx. 25 kg	2-160272.P ●
<b>Clamping Block 500x500x100</b> - five-sided - Plasma nitrided	500 mm	500 mm	100 mm	12 mm	approx. 40 kg	2-160290.P ●
<b>Additional sizes upon request</b>						○

MS=Material thickness;

● = Stock item / ○ = Item is made to order

## Square U-Shape 100/100



### Description:

Square U-Shape 100/100, ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. The Square is firmly bolted to the table with Connecting Bolts (Item No. 160560).

If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

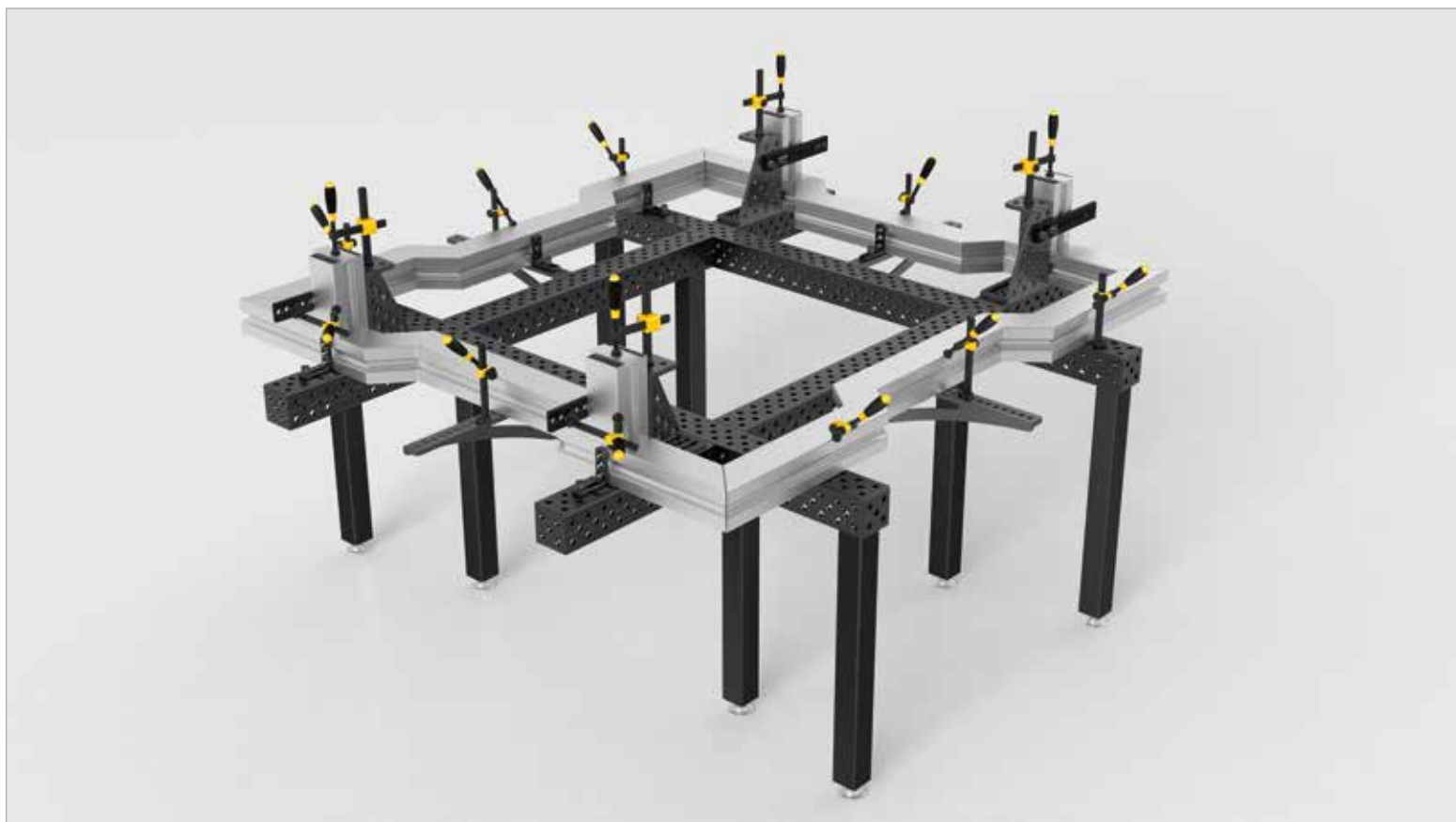
A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

50x50 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).

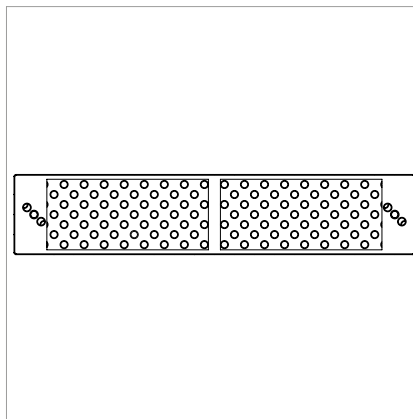
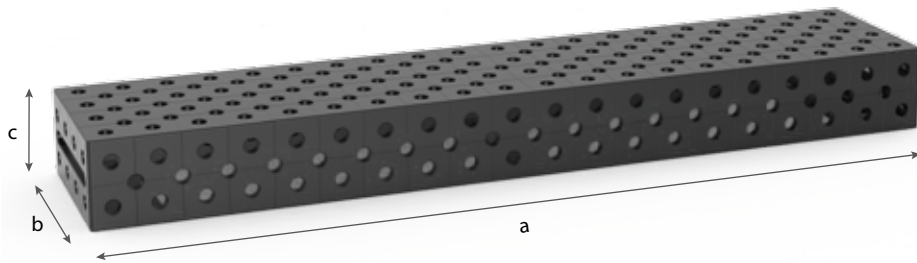




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 100x100x100 Plasma nitrided</b>	100 mm	100 mm	100 mm	approx. 3 kg	2-160396.P ●
<b>Square U-Shape 500x100x100 Plasma nitrided</b>	500 mm	100 mm	100 mm	approx. 13 kg	2-160360.P ●
<b>Square U-Shape 1000x100x100 Plasma nitrided</b>	1000 mm	100 mm	100 mm	approx. 25 kg	2-160370.P ●
<b>Square U-Shape 1500x100x100 Plasma nitrided</b>	1500 mm	100 mm	100 mm	approx. 36 kg	2-160380.P ●
<b>Square U-Shape 2000x100x100 Plasma nitrided</b>	2000 mm	100 mm	100 mm	approx. 47 kg	2-160390.P ●

● = Stock item / ○ = Item is made to order

## Square U-Shape 200/100



### Description:

Square U-Shape 200/100 (sides 200 mm), perfectly suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. The Square is firmly screwed to the table with Connecting Bolts (Item No. 160560).

If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

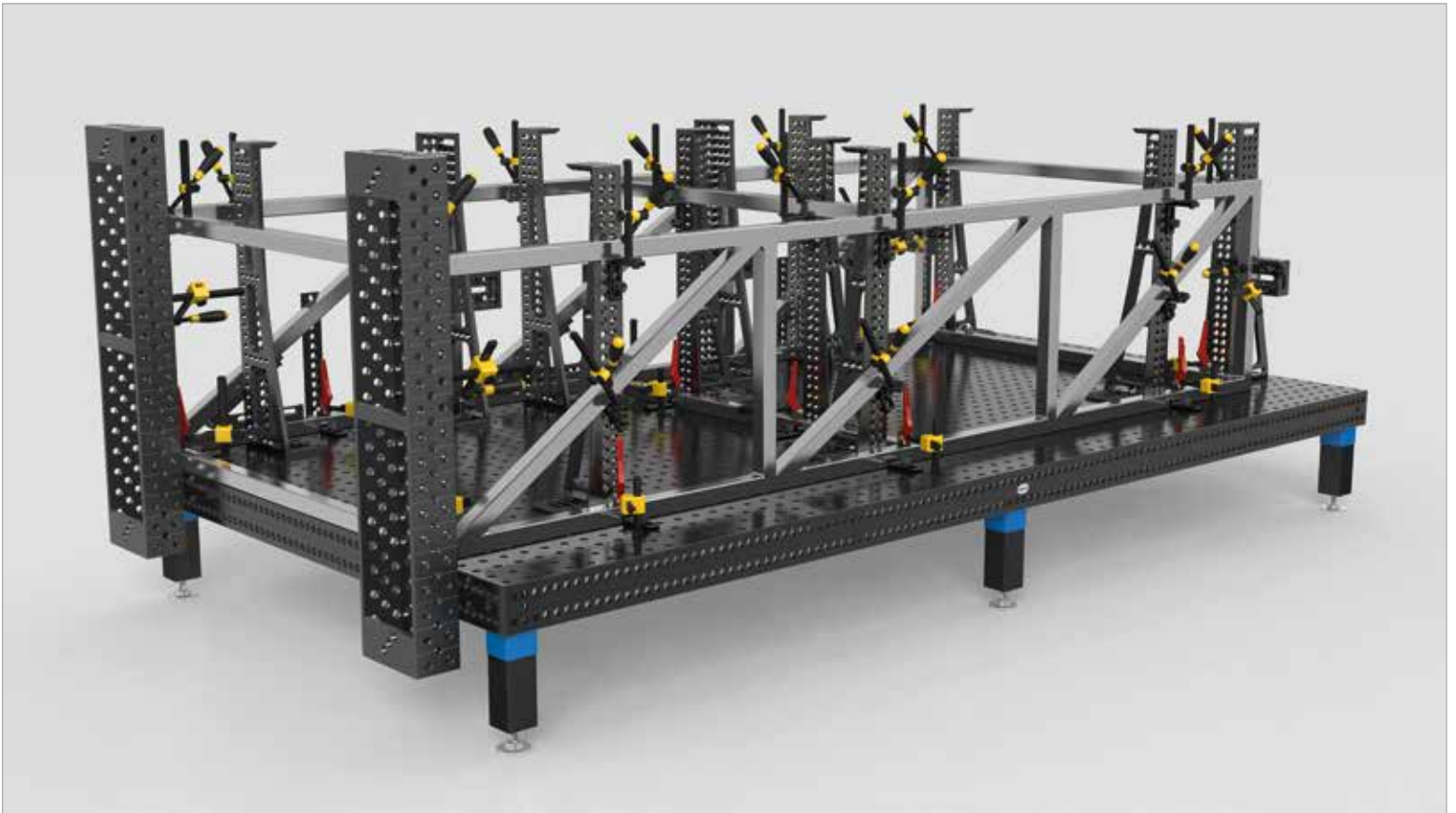
50x50 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

Please find pictures for every product size at [www.siegmund.com](http://www.siegmund.com).





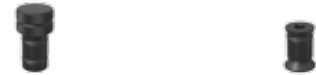


	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
<b>Square U-Shape 200x100x100 Plasma nitrided</b>	100 mm	200 mm	100 mm	approx. 6 kg	2-160396.1.P ●
<b>Square U-Shape 500x200x100 Plasma nitrided</b>	500 mm	200 mm	100 mm	approx. 17 kg	2-160360.1.P ●
<b>Square U-Shape 1000x200x100 Plasma nitrided</b>	1000 mm	200 mm	100 mm	approx. 35 kg	2-160370.1.P ●
<b>Square U-Shape 1500x200x100 Plasma nitrided</b>	1500 mm	200 mm	100 mm	approx. 50 kg	2-160380.1.P ●
<b>Square U-Shape 2000x200x100 Plasma nitrided</b>	2000 mm	200 mm	100 mm	approx. 66 kg	2-160390.1.P ●

● = Stock item / ○ = Item is made to order

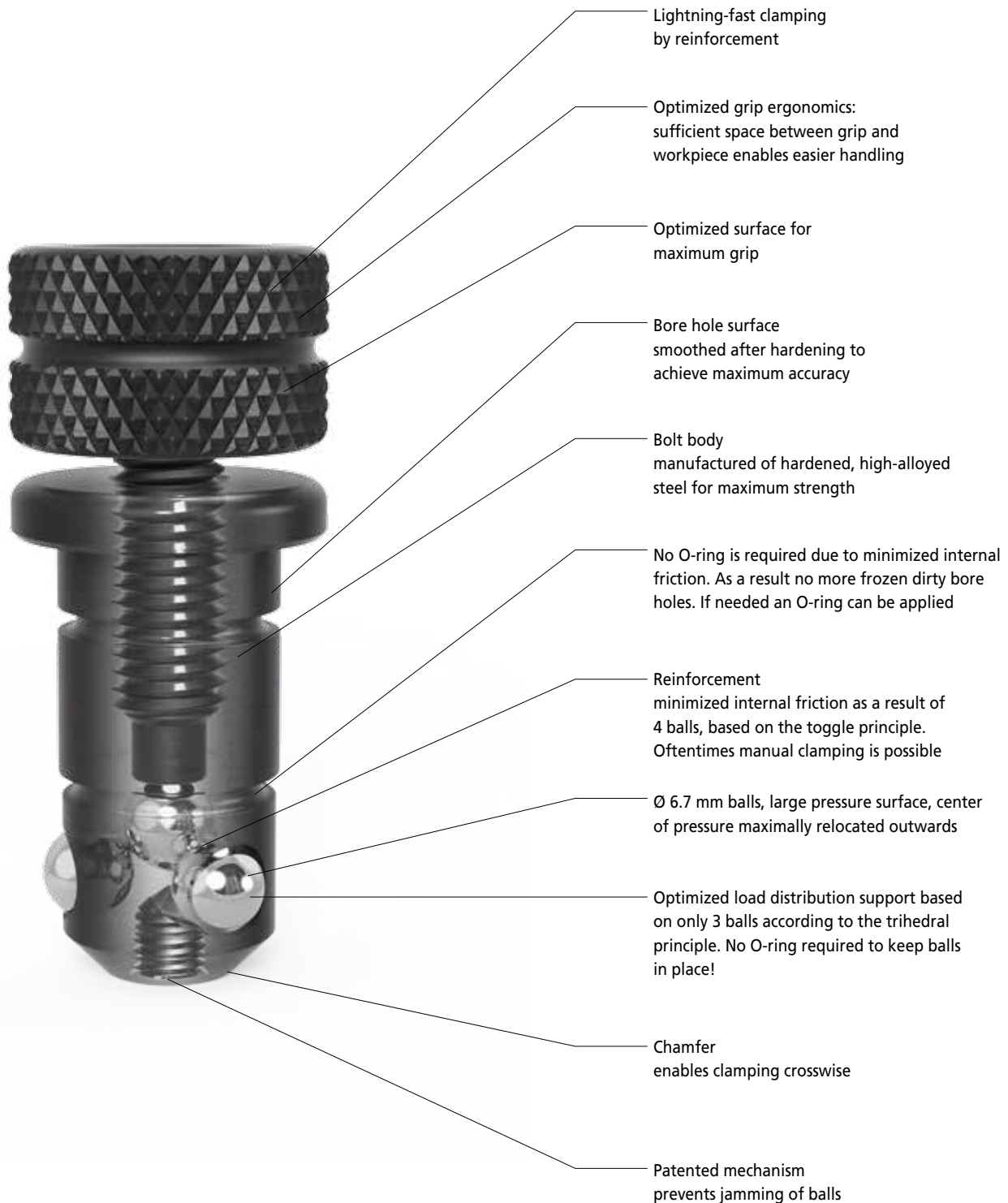


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## Lightning-fast and optimized

DUE TO ITS WELL-ENGINEERED MECHANISM IT CAN BE FIXED AND RELEASED BY HAND WITHIN SECONDS.



Lightning-fast clamping by reinforcement

Optimized grip ergonomics: sufficient space between grip and workpiece enables easier handling

Optimized surface for maximum grip

Bore hole surface smoothed after hardening to achieve maximum accuracy

Bolt body manufactured of hardened, high-alloyed steel for maximum strength

No O-ring is required due to minimized internal friction. As a result no more frozen dirty bore holes. If needed an O-ring can be applied

Reinforcement minimized internal friction as a result of 4 balls, based on the toggle principle. Oftentimes manual clamping is possible

Ø 6.7 mm balls, large pressure surface, center of pressure maximally relocated outwards

Optimized load distribution support based on only 3 balls according to the trihedral principle. No O-ring required to keep balls in place!

Chamfer enables clamping crosswise

Patented mechanism prevents jamming of balls



#### TIGHTENING TORQUE (AM)

The tightening torque is the force required to fasten the bolt using a torque wrench. In order to achieve maximum clamping force, the tightening torque should not exceed the recommended guideline.

The bolt was designed to only require a low torque to reach maximum clamping force, thereby enabling simple manual clamping.

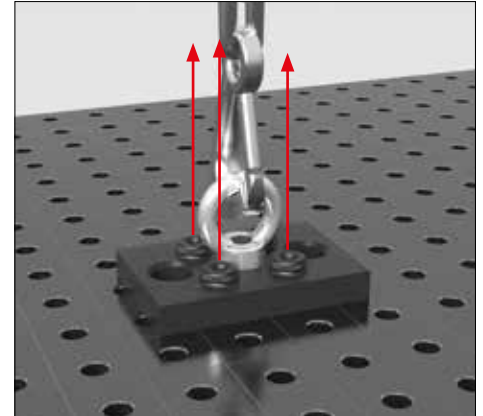
Max. AM of 160510:  $\leq 10$  Nm



#### SHEARING FORCE (SK)

The shearing force is the force which reacts laterally to the cross-sectional area of the bolt.

Max. SK of 160510:  $\leq 55$  kN



#### TENSILE FORCE (ZK)

The tensile force is the force created when pulling on fixed bolts.

Max. ZK of 160510  $\leq 10$  kN

You can also  
find the product  
video on:

[www.siegmund.com/  
V160510](http://www.siegmund.com/V160510)





## Fast Clamping Bolt



160510



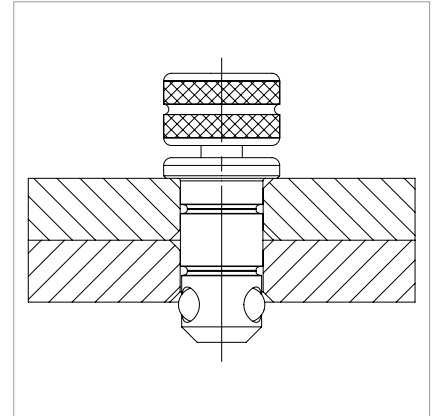
160512



### Description:

Burnished Fast Clamping Bolt with twistlock, perfect connecting element between Siegmund components. It features especially large balls, which protect the bevel of the bore holes as a result of low surface pressure. The fourth ball located in the center, reduces internal friction and strengthens the power of the handwheel. The new design of the bolt is not equipped with O-rings, but it still is easy to clean.

This Bolt is NOT approved for combining tables and U-shaped squares!



	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Fast Clamping Bolt short</b> - for clamping 2 components - Burnished - with screw top	16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160510 ●
<b>Fast Clamping Bolt long</b> - for clamping 3 components - Burnished - with screw top	16 mm	0,10 kg	55,00 kN	10,00 Nm	10,00 kN	2-160512 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

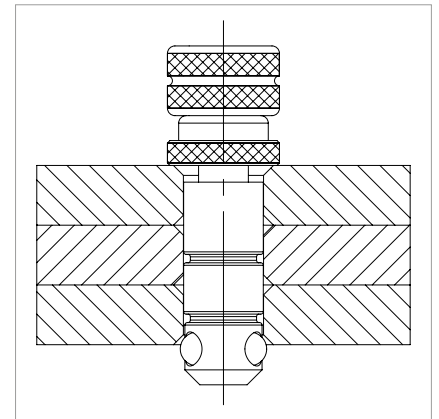
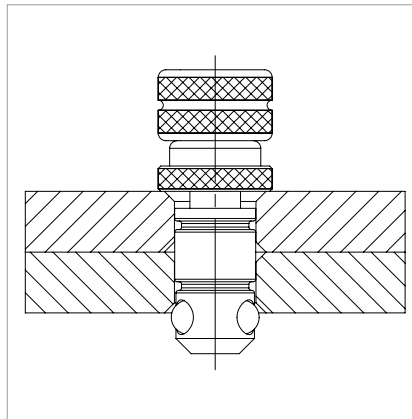
● = Stock item / ○ = Item is made to order

Universal Bolt



160532

160533



**Description:**

Burnished Universal Bolt, perfect connection element for Siegmund elements. It is used when elements of different material thickness are being interconnected. The clamping range of the short Universal Bolt is 22 to 28 mm. The long Universal Bolt has a clamping range of 34 to 40 mm. The large balls shift the center of pressure towards the outside, and prevent a displacement of the material due to low surface pressure, when there are high clamping forces in the direction of the bore hole.

The Universal Bolt is clamped with the integrated handwheel or with an Allen Key 6 (Item No. 160852).

This Bolt is NOT approved for combining tables and U-shaped squares!

	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Universal Bolt short</b> - for clamping 2 components - Burnished	16 mm	0,11 kg	50,00 kN	10,00 Nm	10,00 kN	2-160532 ●
<b>Universal Bolt long</b> - for clamping 3 components - Burnished	16 mm	0,12 kg	50,00 kN	10,00 Nm	10,00 kN	2-160533 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

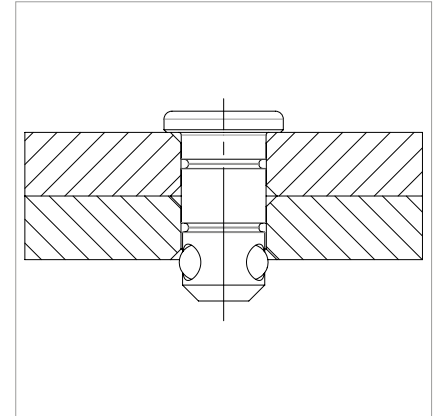
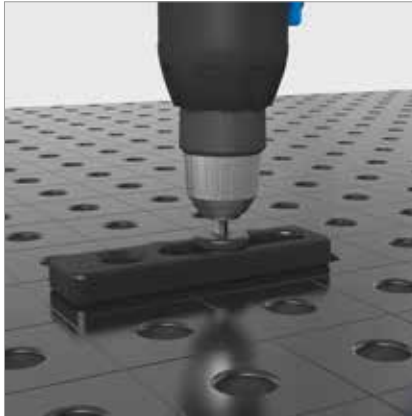
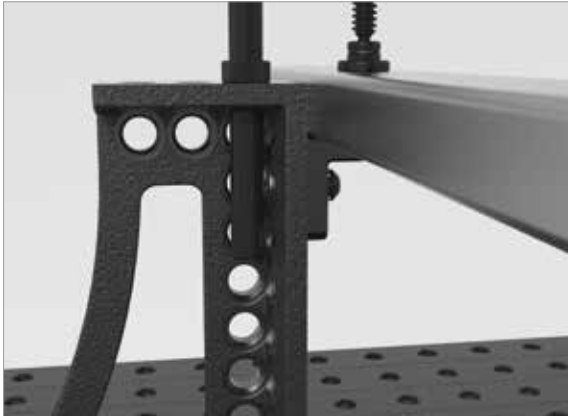
● = Stock item / ○ = Item is made to order

## Fast Clamping Bolt, flat



160522

160523



### Description:

Flat Burnished Clamping Bolt, mainly used for clamping of oblong holes. Like the countersunk bolt, it reduces protrusion.

This Bolt is NOT approved for combining tables and U-shaped squares!

	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Fast Clamping Bolt, flat short</b> - for clamping 2 components - Burnished	36 mm	16 mm	0,05 kg	55,00 kN	10,00 Nm	10,00 kN	2-160522 ●
<b>Fast Clamping Bolt, flat long</b> - for clamping 3 components - Burnished	48 mm	16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160523 ●
<b>Setscrew for 160522</b> - pack of 10							2-169085 ●
<b>Setscrew for 160523</b> - pack of 10							2-169075 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

Flush Mount Bolt

**Description:**

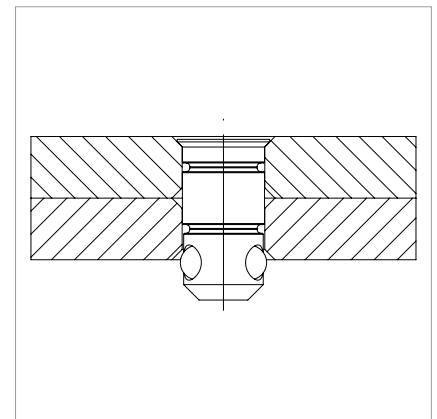
Flush Mount Bolt, used as a hidden connection between Siegmund components. Its design matches the other clamping bolts with four balls. Its head disappears into the bore hole to create a flush surface with the clamped part. The Flush Mount Bolt is not suitable for placement in oblong slots.

This Bolt is NOT approved for combining tables and U-shaped squares!



160528

160529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Flush Mount Bolt short</b> - for clamping 2 components - Burnished	31 mm	16 mm	0,04 kg	55,00 kN	10,00 Nm	3,00 kN	2-160528 ●
<b>Flush Mount Bolt long</b> - for clamping 3 components - Burnished	43 mm	16 mm	0,05 kg	55,00 kN	10,00 Nm	3,00 kN	2-160529 ●

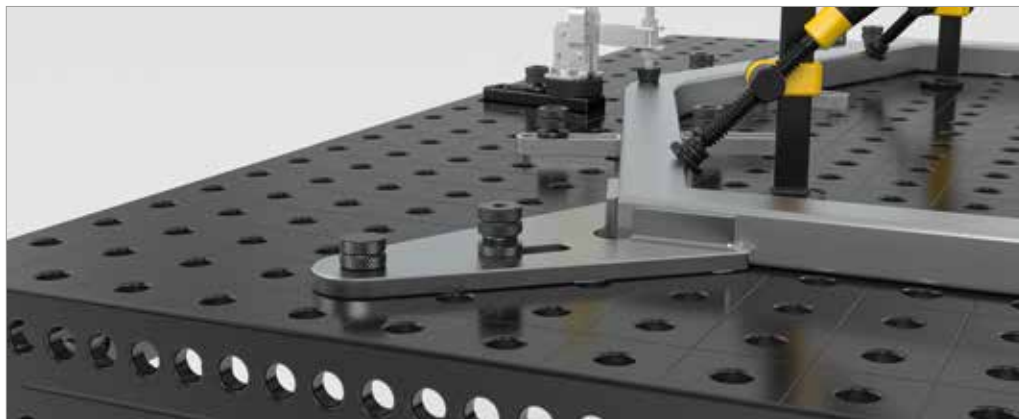
SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

## Positioning Bolt



160540



### Description:

Positioning Bolt, serves as an adjustment tool for squares that only require a clamping bolt for fastening, in order to cost-effectively substitute for a second clamping bolt. In addition, various squares can be formed by spading, e.g. 90° or 45°.

This picture shows an application example of a customer generated template.

This Bolt is NOT approved for combining tables and U-shaped squares!



**Positioning Bolt**  
- Burnished

Ø: (o)	Weight:	Item No.
16 mm	0,07 kg	2-160540 ●

● = Stock item / ○ = Item is made to order



Connecting Bolt

**Description:**

Burnished Connecting Bolt, especially designed as a fixed long-term connection of large Siegmund Elements, e.g. tables or U-shaped squares.

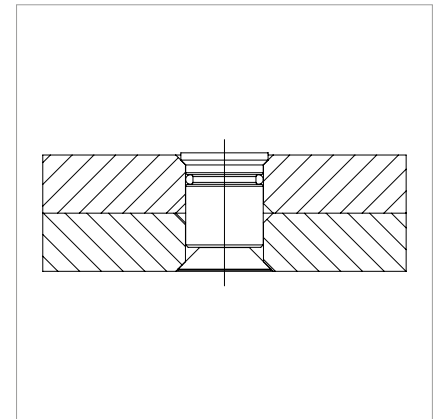
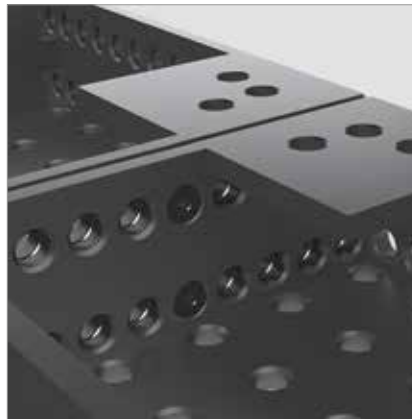
The countersunk Allen Wrench, and the ability of the clamping bolt to center itself, enable easy assembly. The flat head and the flat bolt contain a hexagon socket for clamping.

The connecting bolt provides a sturdy screw connection without protruding, and is perfectly suited for concealed applications. The Connecting Bolt should not be used in oblong slots.



160560

160561



	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Connecting Bolt short</b> - for connecting 2 components - with Allen key	16 mm	0,03 kg	50,00 kN	15,00 Nm	4,00 kN	2-160560 ●
<b>Connecting Bolt long</b> - for connecting 3 components - with Allen key	16 mm	0,05 kg	50,00 kN	15,00 Nm	4,00 kN	2-160561 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

## Spare Parts for Bolts



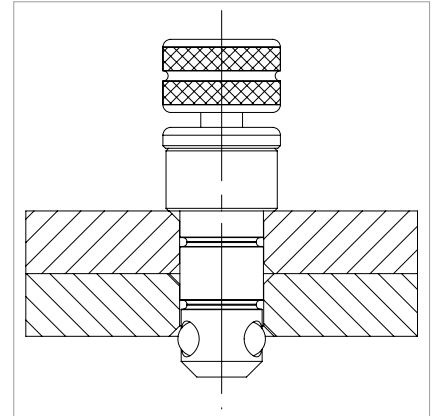
160539

169103



### Description:

Spacer Sleeve, especially developed for applications that require space between two clamping elements. For example, it enables using a long clamping bolt instead of a short one.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Spacer Sleeve</b> - Burnished	12 mm	21 mm	0,02 kg	2-160539 ●
<b>Spare Parts for Bolts</b> - 10x 169008, 10x 169009, 5x 169074			0,02 kg	2-169103 ●

● = Stock item / ○ = Item is made to order



## Magnetic Clamping Bolt



160740



160740.1



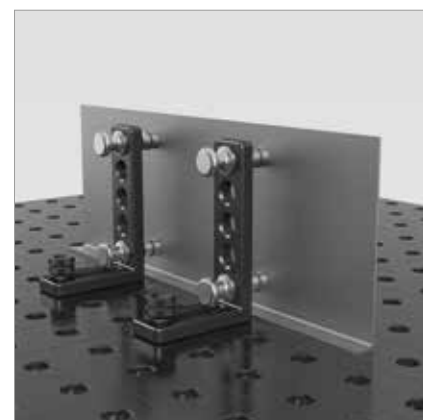
160740.2

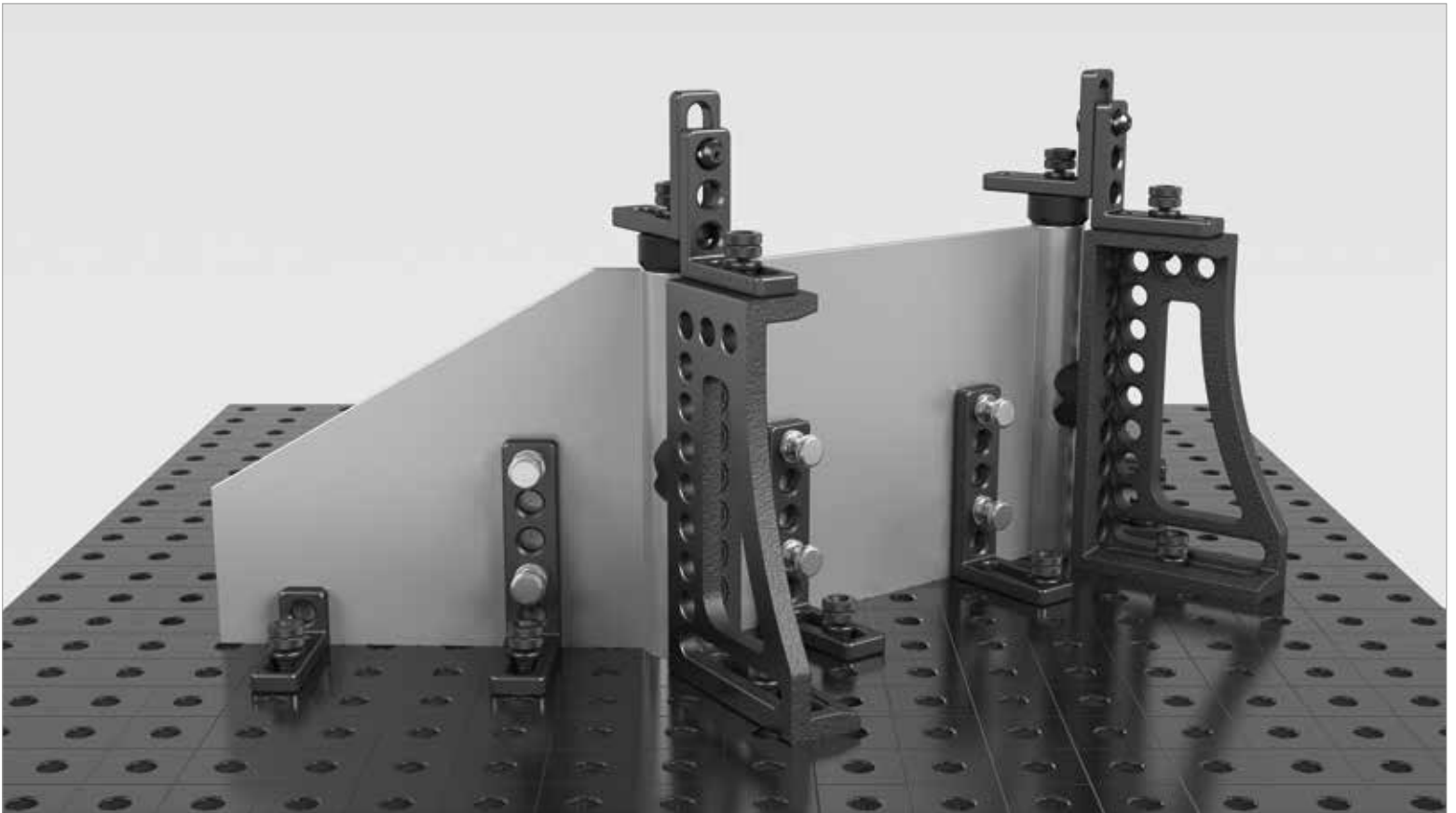


160539

### Description:

Magnetical Clamping Bolt, enables fast clamping without bolting or the use of tools. It is preferable for pressure-sensitive parts like thin sheet metal, as well as elements that cannot be resisted, e.g. enclosed sheet metal housing.

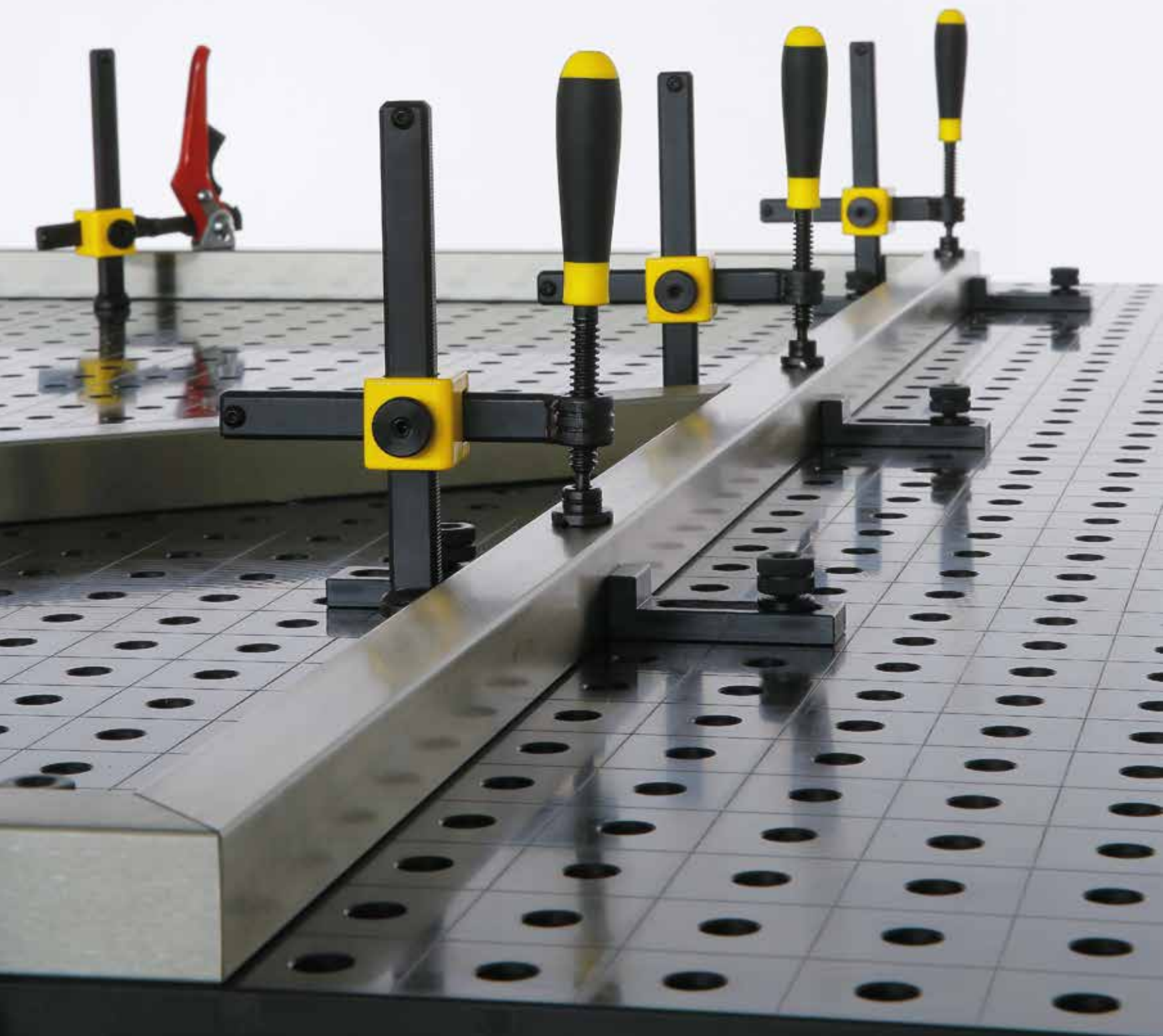




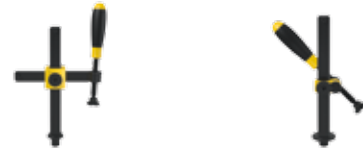
	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Magnetic Clamping Bolt 34</b> - Length of Shaft 25 mm - Aluminum	34 mm	22 mm	0,02 kg	2-160740 ●
<b>Magnetic Clamping Bolt 46</b> - Length of Shaft 50 mm - Aluminum	46 mm	22 mm	0,03 kg	2-160740.1 ●
<b>Magnetic Clamping Bolt 58</b> - Length of Shaft 75 mm - Aluminum	58 mm	22 mm	0,04 kg	2-160740.2 ●
<b>Spacer Sleeve</b> - Burnished	12 mm	21 mm	0,02 kg	2-160539 ●

● = Stock item / ○ = Item is made to order





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Basic Screw Clamp / Short Arbor	572
Prism for Screw Clamps / Duo Prism Ø 25	574
Pressure Ball for Screw Clamps	576



### Clamps & Accessories

You can also find the product video on:

[www.siegmund.com/V160610](http://www.siegmund.com/V160610)



160617



160662



160643  
150 mm



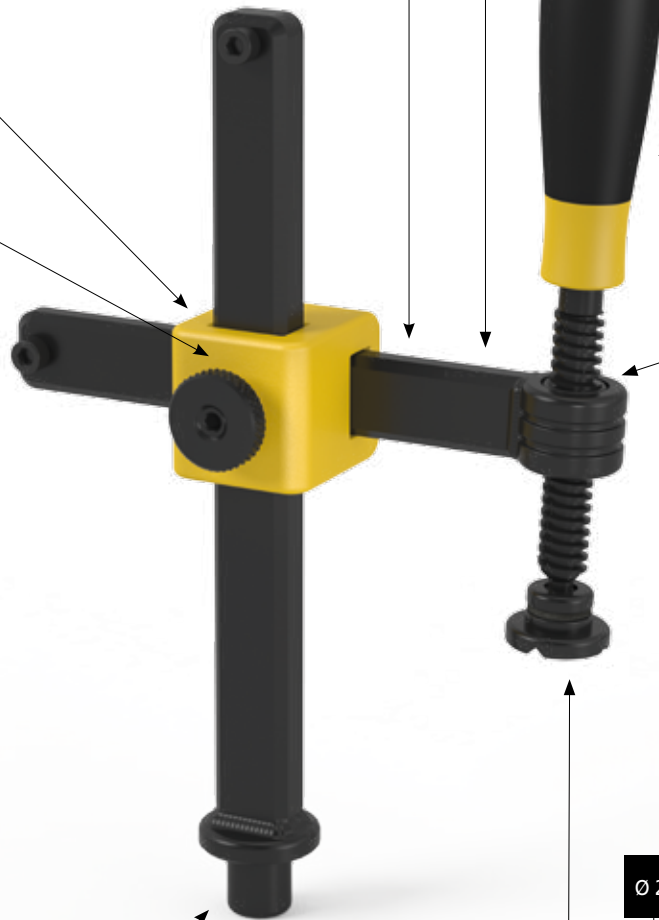
160637  
100 mm



160634.1  
90 mm



160634.3  
75 mm



160618.1



160632  
200 mm



Ø 20

160660  
Burnished



160660.E  
Stainless Steel



160660.P  
Polyamide



Ø 25

160650  
Burnished



160650.A  
Stainless Steel



160650.P  
Polyamide



Ø 25

160656  
Burnished



160656.E  
Stainless Steel



160656.P  
Polyamide



### Professional Screw Clamp



#### Description:

Professional Screw Clamp, enables fast, powerful and exact clamping with a variety of welding elements. Achieve maximum efficiency through time-saving, quick adjustments and effortless disassembly. For individual modification, we offer special lengths of horizontal and vertical bars. The dimensions of the horizontal bar are 20x10 mm. The dimensions of the vertical bar are 20x13 mm, which is additionally reinforced.

To safely fasten every kind of welding element, the prisms are interchangeable. For suitable prisms, see page 574.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted within seconds.



160610

#### Standard model

Professional Screw Clamp

maximum load:

Weight:

Item No.

2,5 kN

1,20 kg

2-160610 ●

● = Stock item / ○ = Item is made to order





160634.3



160643



160632



160618.1



160617

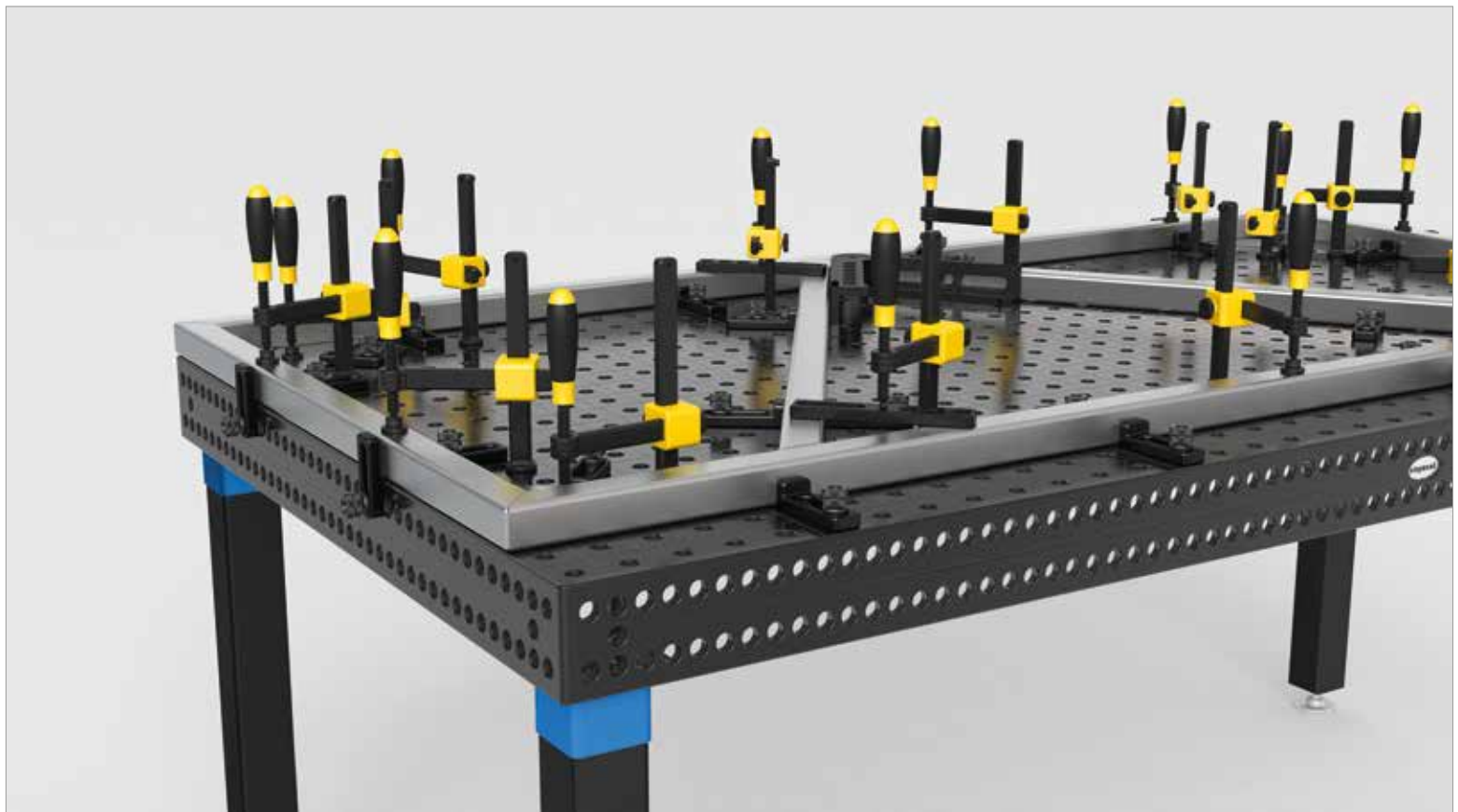


160662

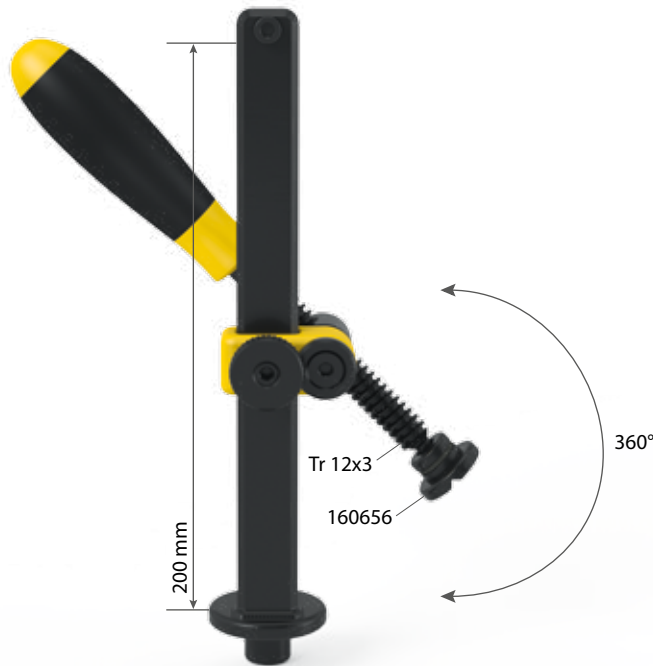
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 75</b> - trapezoid thread 12 x 3 mm - for 160610, 160618, 160618.1	75 mm 2-160634.3 ●	90 mm 2-160634.1 ●
<b>Horizontal Bar 150</b> - for 160610		150 mm 2-160643 ●
<b>Vertical Bar 200</b> - for 160606, 160610		200 mm 2-160632 ●
<b>Thread Bushing</b> - for 160610 - trapezoid thread for system 16 screw clamp arbor		15 mm 2-160618.1 ●
<b>Cast Iron Cross for 160606, 160610</b> - without handwheel		42 mm 2-160617 ●
<b>Handwheel for Screw Clamp</b> - for 160606, 160610, 160630		17 mm 2-160662 ●

● = Stock item / ○ = Item is made to order



### Professional Screw Clamp 45°/90°



#### Description:

Professional Screw Clamp 45°/90°, replaces standard screw clamps with 45° or 90°. It sets new standards due to its infinitely variable adjustment range from 0°-360°.

To ensure safe fastening of any welding element, the prisms are interchangeable. For suitable prisms, see page 574.

The dimensions of the appropriate flat bar are 20x13 mm.

The new handwheel on the cast iron cross enables height adjustment within seconds.



160630

#### Standard model

**Professional Screw Clamp 45°/90°**

maximum load:

Weight:

Item No.

2,5 kN

0,75 kg

2-160630 ●

● = Stock item / ○ = Item is made to order



160634.1



160633



160617.2



160662



169108



169109

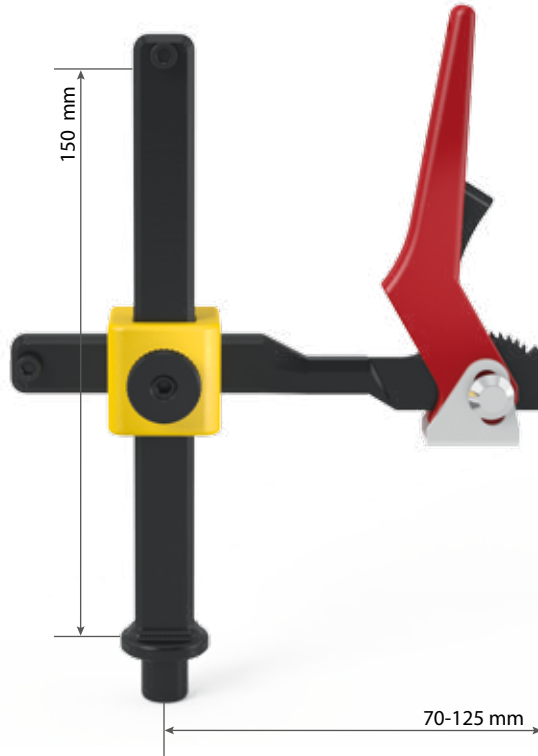
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 90</b> - trapezoid thread 12 x 3 mm - for 160630	90 mm 2-160634.1 ●
<b>Vertical Bar 200</b> - for 160630	200 mm 2-160633 ●
<b>Cast Iron Cross for 160630</b> - without handwheel	44 mm 2-160617.2 ●
<b>Handwheel for Screw Clamp</b> - for 160606, 160610, 160630	17 mm 2-160662 ●
<b>Bushing for Threaded Arbor</b> - spare part for 160630	36 mm 2-169108 ●
<b>Disc</b> - spare part for 160630 - with countersunk screw M6x20	10 mm 2-169109 ●

● = Stock item / ○ = Item is made to order



### Professional Fast Tension Clamp



#### Description:

Professional Fast Tension Clamp, used to clamp welding parts quickly and powerfully. The force can be individually adjusted with the grating. With the new handwheel on the cast iron cross, it is height-adjustable within seconds. The dimensions of the applied flat irons are 20x10 mm and 20x13 mm. Additionally the vertical bar is reinforced.

The Fast Tension Clamp is recommended only for system 16 plasmanitrated tables.



160606

#### Standard model

Professional Fast Tension Clamp

maximum load:

2,5 kN

Weight:

0,90 kg

Item No.

2-160606 ●

● = Stock item / ○ = Item is made to order



160637

160632.1

160617

160662

**Spare parts, special sizes and parts for a individual configuration**
**Horizontal Bar with Fast Clamping Function 100**  
 - for 160606

 100 mm ●  
 2-160637

**Vertical Bar 150**  
 - for 160606

 150 mm ●  
 2-160632.1

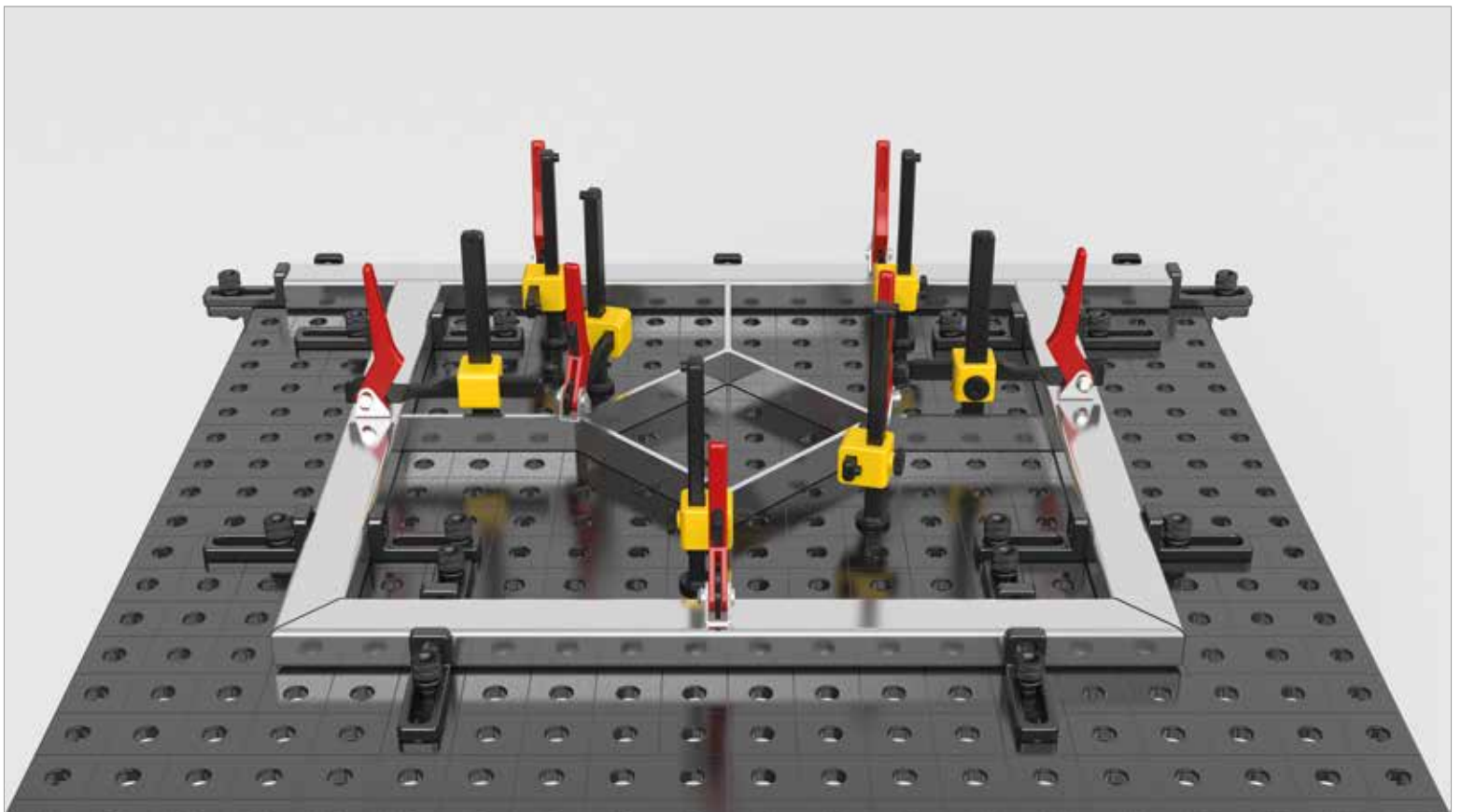
**Cast Iron Cross for 160606, 160610**  
 - without handwheel

 42 mm ●  
 2-160617

**Handwheel for Screw Clamp**  
 - for 160606, 160610, 160630

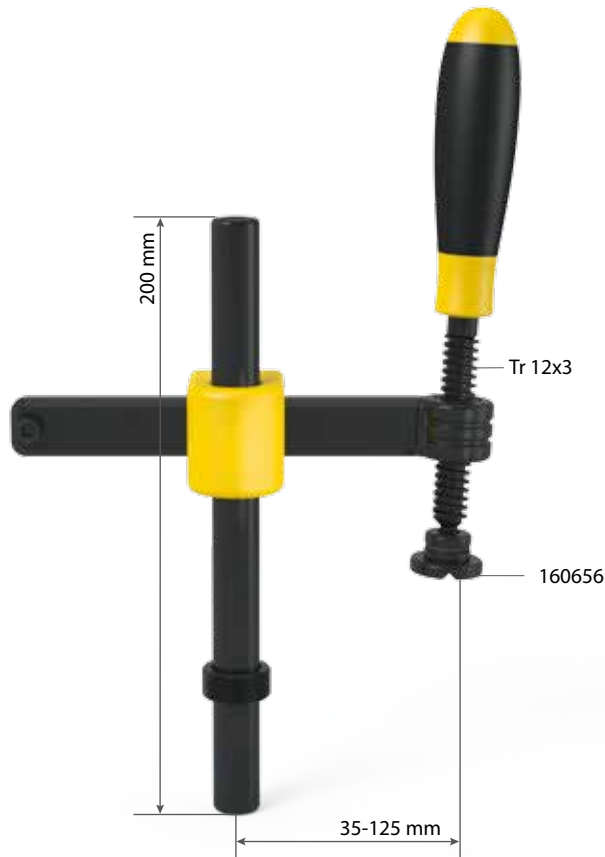
 17 mm ●  
 2-160662

● = Stock item / ○ = Item is made to order





### Screw Clamp with Round Pipe



#### Description:

Screw Clamp with Round Pipe is the tool that offers fast, powerful clamping and precise positioning of a variety of work pieces. Time-saving adjustments within seconds and simple dismantling guarantee maximum efficiency. For individual fitting, we offer special sizes of horizontal and vertical bars. In order to safely fasten different welding elements, the prisms are interchangeable. For compatible prisms, see page 574.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually.



160601

#### Standard model

Screw Clamp with Round Pipe

maximum load:

1,5 kN

Weight:

1,00 kg

Item No.

2-160601 ●

● = Stock item / ○ = Item is made to order



160634.3



160643



160642



160653



160618.1

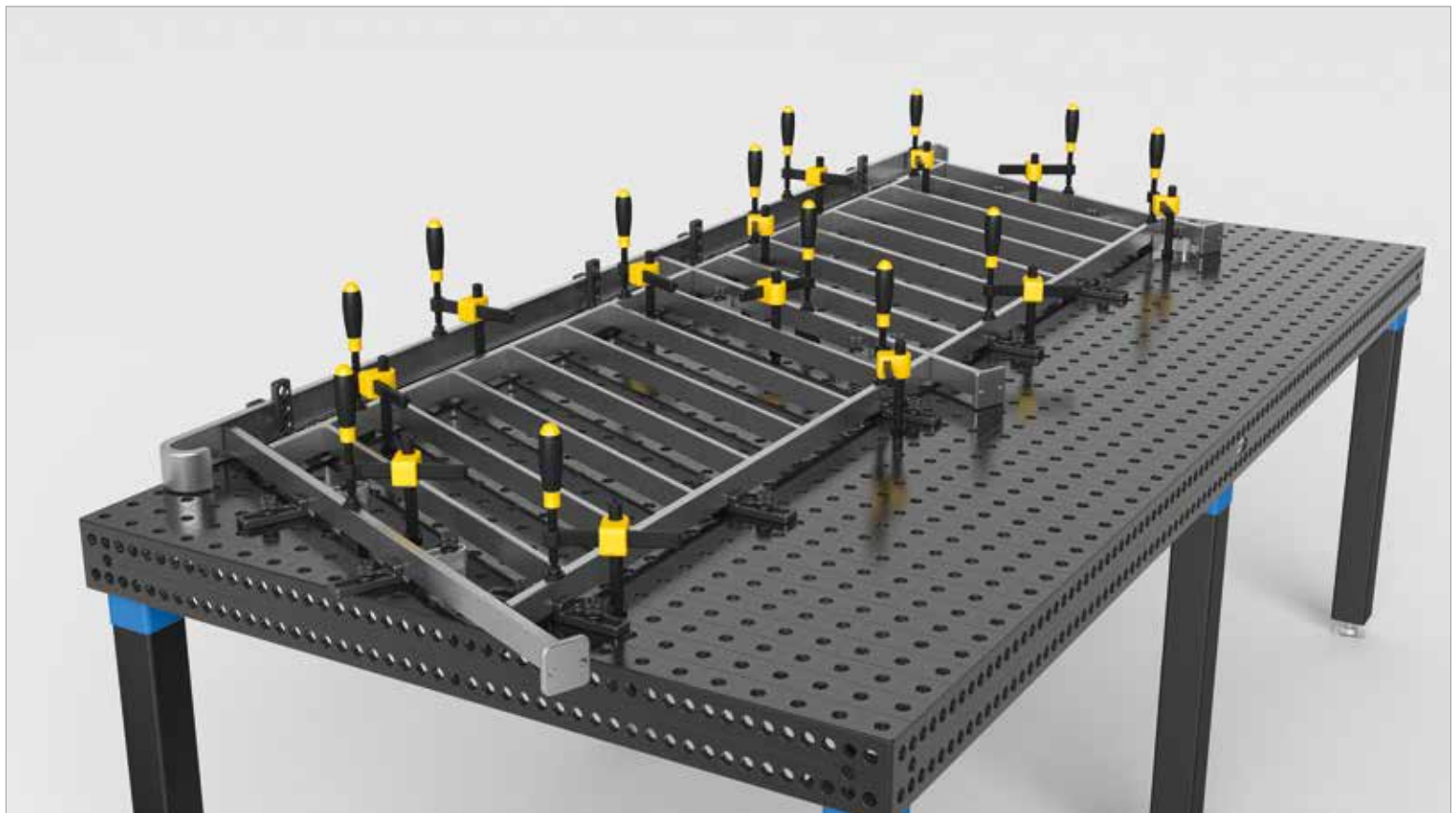


160617.4

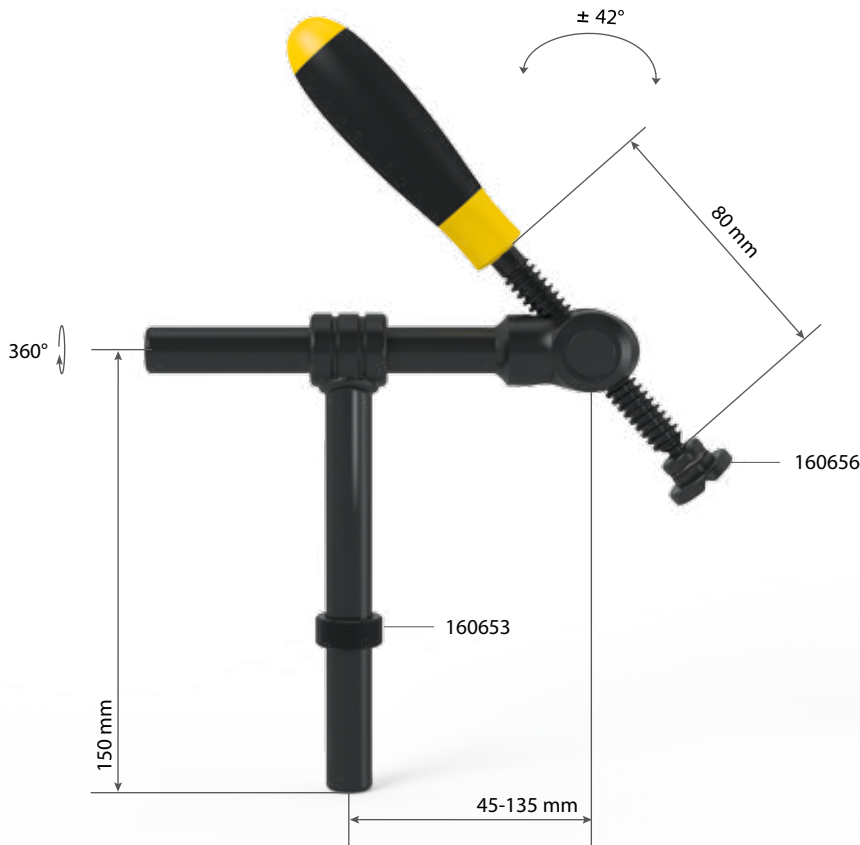
**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 75</b> - trapezoid thread 12 x 3 mm - for 160610, 160618, 160618.1	75 mm	90 mm
	2-160634.3 ●	2-160634.1 ●
<b>Horizontal Bar 150</b> - for 160610		150 mm ● 2-160643
<b>Vertical Round Pipe 200</b> - for 160601		200 mm ● 2-160642
<b>Adjusting Ring</b>		2-160653 ●
<b>Thread Bushing</b> - for 160610 - trapezoid thread for system 16 screw clamp arbor		15 mm ● 2-160618.1
<b>Cast Iron Cross for 160601</b> - without handwheel		50 mm ● 2-160617.4

● = Stock item / ○ = Item is made to order



### Basic Pipe Clamp Universal



#### Description:

Basic Pipe Clamp Universal, with swiveling Arbor enables flexible clamping at a +/- 42 degree angle. This Pipe Clamp combines the advantages of conventional 45° or 90° clamps. It can be used at an angle as well as straight, resulting in additional clamping options and a more variable clamping range.

The horizontal round tube with a length of 150 mm is fully adjustable and creates, combined with the swiveling arbor, a variable clamping range. The length of the vertical pipe is 150 mm. To safely fasten different welding parts, the prisms are interchangeable.

For compatible prisms, see page 574. A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually.

To integrate the vertical pipe into the system bore holes, an adjusting ring is used (Item No. 160653).



160604



160604.S

#### Standard model

Basic Pipe Clamp Universal

maximum load:

1,5 kN

Weight:

0,80 kg

Item No.

2-160604 ●

Basic Pipe Clamp Universal special size

2-160604.S ○

● = Stock item / ○ = Item is made to order



160634.1



160678



160677



160679



160653

**Spare parts, special sizes and parts for a individual configuration**

<b>Threaded Arbor 75</b> - trapezoid thread 12 x 3 mm - for 160610, 160618, 160618.1	75 mm 2-160634.3 ●	90 mm 2-160634.1 ●
<b>Horizontal Round Pipe 150 for 160604</b> - standard = 150	150 mm 2-160678 ●	special size 2-160678.S ○
<b>Vertical Round Pipe 150 for 160604</b> - standard = 150 - can also be used as a horicontal brace.	150 mm 2-160677 ●	special size 2-160677.S ○
<b>Arbor Thread</b> - spare part for 160604		28 mm 2-160679 ●
<b>Adjusting Ring</b>		2-160653 ●

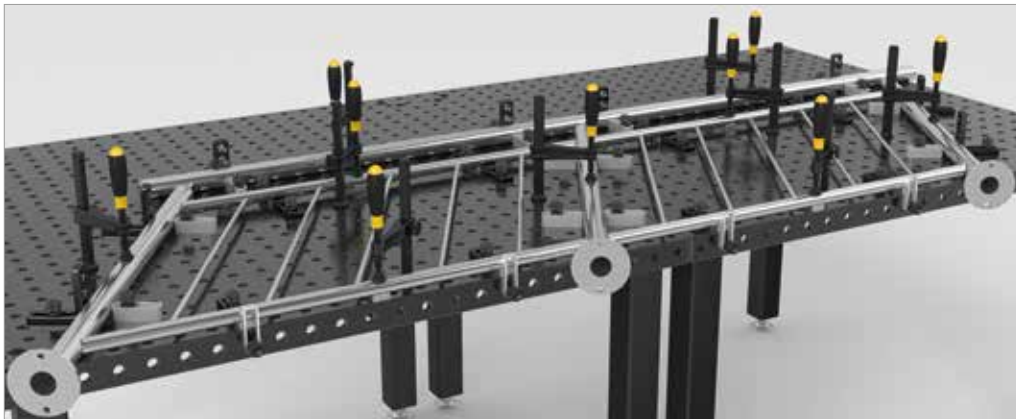
● = Stock item / ○ = Item is made to order



### Basic Screw Clamp



160620



#### Description:

Basic Screw Clamp, serves as a simple and sturdy clamping element. The distance between the Screw Clamp and the welding element is adjustable by rotation. By simply changing the prisms, different materials can be fastened.

For compatible prisms see page 574.

	maximum load	Length: (a)	Width: (b)	Weight:	Item No.
<b>Basic Screw Clamp</b> - Burnished	2,5 kN	200 mm	100 mm	0,95 kg	2-160620 ●

● = Stock item / ○ = Item is made to order



Short Arbor

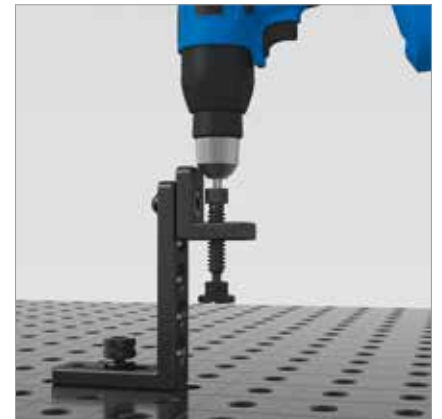
**Description:**

Short Arbor with Bushing and Prism, perfect for clamping workpieces, using squares or other Siegmund components. The Short Arbor was designed to enable fastening a workpiece through a 16 mm bore hole. The Short Arbor can be adjusted with an open-end wrench or an allen key.



160666

160618



Height: (c)    Ø: (o)    Weight:    Item No.

<b>Short Arbor with Bushing and Prism</b> - Burnished - trapezoid thread 12 x 3 mm	75 mm		0,10 kg	2-160666 ●
<b>Thread Bushing</b> - Burnished - trapezoid thread 12 x 3 mm	10 mm	19 mm	0,01 kg	2-160618 ●

● = Stock item / ○ = Item is made to order

### Prism for Screw Clamps



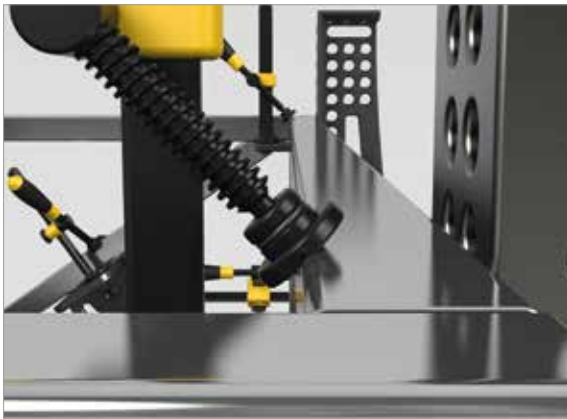
160656



160656.E



160656.P



#### Description:

Prism for Screw Clamps, suitable for clamping of round and square pipes. Due to its location at the ball head of the threaded arbor, the prism is movable and can therefore be fixed precisely on the workpiece. It is replaced by simply taking it off the ball head.

The Prism is available in various material finishes.

The Polyamid Prism is used for scratch-prone surfaces.

The Stainless Steel Prism is used for scratch-resistant precious metals (rust prevention).

	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism for Screw Clamps</b> - for 160610, 160630, 160620 - Burnished - trapezoid thread 12 x 3 mm	13 mm	25 mm	0,02 kg	2-160656 ●
<b>Prism for Screw Clamps</b> - for 160610, 160630, 160620 - Stainless Steel - trapezoid thread 12 x 3 mm	13 mm	25 mm	0,02 kg	2-160656.E ●
<b>Prism for Screw Clamps</b> - for 160610, 160630, 160620 - Polyamide - trapezoid thread 12 x 3 mm	13 mm	25 mm	0,01 kg	2-160656.P ●

● = Stock item / ○ = Item is made to order

Duo Prism Ø 25 for Screw Clamps

**Description:**

Duo Prism - due to its dual function compatible with all 16 mm bore holes and screw clamps. The O-ring provides precise fixing and fitting accuracy. The 120° angle creates a stable support surface for all round pipes. The Prism can also be used for flat welding assemblies, due to its leveled corners.

The Polyamid Prism is used for scratch-prone surfaces.



160650



160650.P



160650.A



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Duo Prism Ø 25</b> - Burnished	19 mm	25 mm	0,04 kg	2-160650 ●
<b>Duo Prism Ø 25</b> - Polyamide	19 mm	25 mm	0,01 kg	2-160650.P ●
<b>Duo Prism Ø 25</b> - Aluminum	19 mm	25 mm	0,01 kg	2-160650.A ●

● = Stock item / ○ = Item is made to order

## Pressure Ball for Screw Clamps



160660



160660.E



160660.P



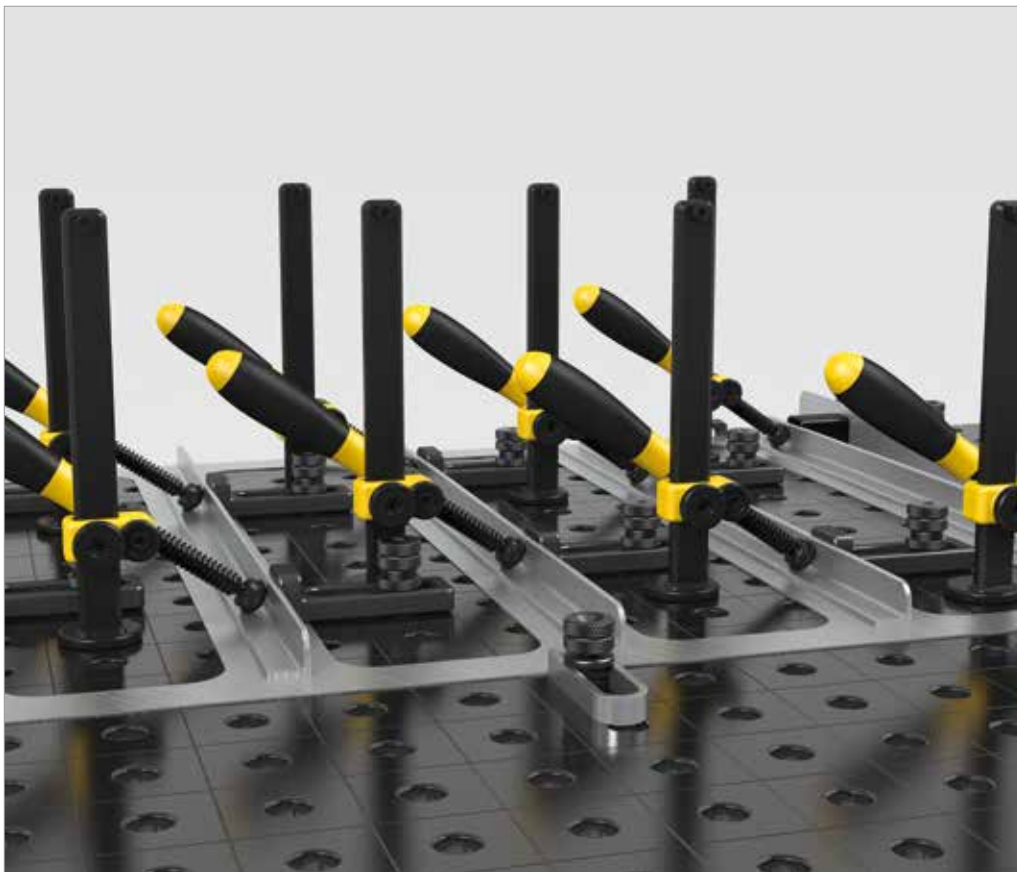
160661

**Description:**

Pressure Ball for screw clamps, especially designed for clamping in corners or grooves. Due to its location at the ball head of the threaded arbor, the prism is movable, and can therefore be precisely mounted to the work piece.

It can be replaced by simply removing it from the ball head.

The Pressure Ball is available in various materials. The polyamide Pressure Ball is used for scratch-prone surfaces. The stainless steel Pressure Ball is used for scratch-resistant metals (rust prevention).





	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Pressure Ball for Screw Clamps</b> - for 160610, 160630 - Burnished - trapezoid thread 12 x 3 mm	13 mm	20 mm	0,02 kg	2-160660 ●
<b>Pressure Ball for Screw Clamps</b> - for 160610, 160630 - Stainless Steel - trapezoid thread 12 x 3 mm	13 mm	20 mm	0,02 kg	2-160660.E ●
<b>Pressure Ball for Screw Clamps</b> - for 160610, 160630 - Polyamide - trapezoid thread 12 x 3 mm	13 mm	20 mm	0,01 kg	2-160660.P ●
<b>Pressure Ball Blank for Screw Clamps</b> - for 160610, 160630 - Burnished - trapezoid thread 12 x 3 mm - according to customer specifications	25 mm	25 mm	0,07 kg	2-160661 ●

● = Stock item / ○ = Item is made to order





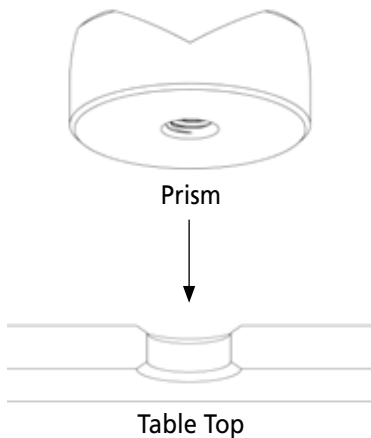
	Page
Prisms	580
Vario Prism Ø 50 / Prism Ø 80	582
Prism Extension / Screw Support	584
Set of Supports 7 pieces / Clamping Cone	586



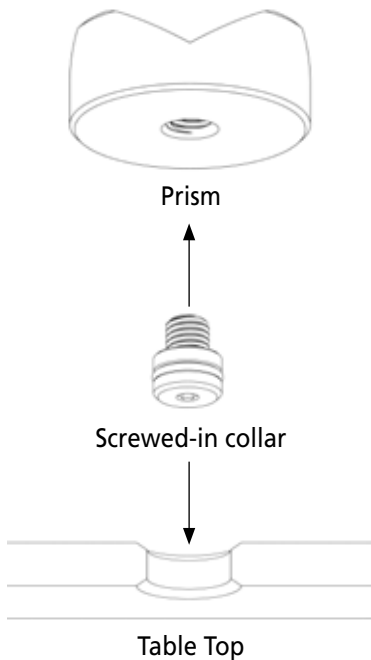
## Prisms & Supports

All System 16 Prisms are equipped with a removable screwed-in collar.

Included in delivery of each Prism is a screwed-in collar and a countersunk bolt.



OR ALTERNATIVELY:



### VARIO PRISM Ø 50 90° / 120°

Page 582

#### STYLES

Burnished  
Aluminum  
Polyamide



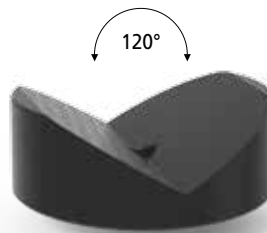
160645.1

### PRISM Ø 80 120°

Page 583

#### STYLES

Burnished  
Aluminum  
Polyamide



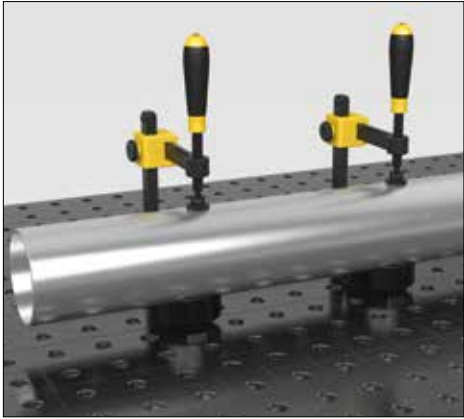
160652.1

### PRISM EXTENSION

Page 584

It can be quickly and securely screwed into all Prisms.





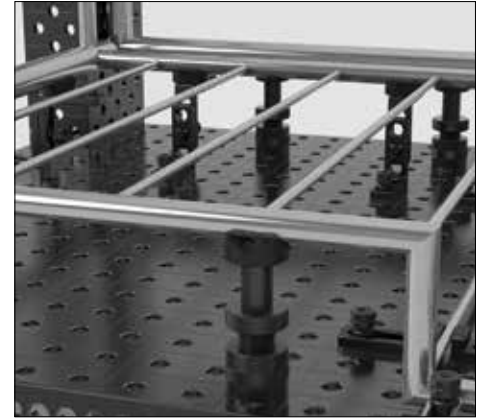
#### WITH COLLAR IN BORE HOLE

The prism with collar is universally applicable for all system 16 boreholes, and offers a sturdy support surface for pipes.



#### WITHOUT COLLAR ON TABLE

All System 16 Prisms can be used without collar. Consequently they can be positioned on the table independently from the hole grid.



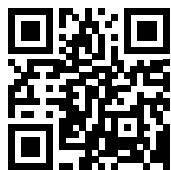
#### WITH PRISM EXTENSION

If required, a prism extension can be screwed in. It enables positioning at different heights, in combination with spacer washers and support discs. In combination with the screw support infinitely variable positioning is possible.

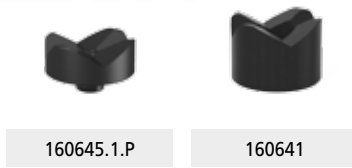
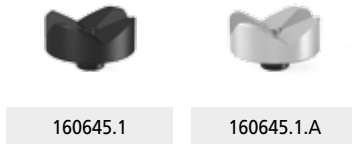
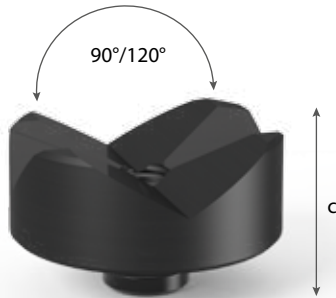
See Set of Supports (Item No. 160821) or Screw Support (Item No. 160822).

You can also find the product video on:

[www.siegmund/V160645](http://www.siegmund/V160645)



Vario Prism Ø 50 90°/120° with screwed-in collar

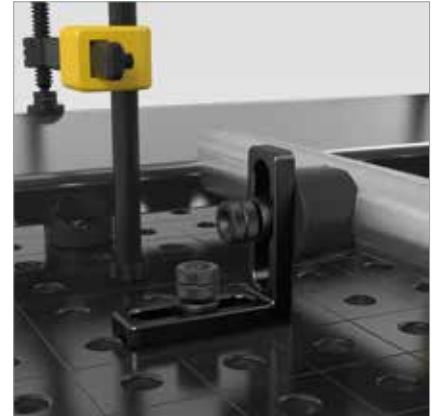


**Description:**

Vario Prism Ø 50, suitable for both rounded and 45° twisted square pipes with a diameter up to 80 mm, due to its 90° and 120° angles. In addition, the prism can be universally used for all 16 mm bore holes.

The prism with screwed-in collar can be fastened in the bore holes. For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.



	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Burnished - M10 thread for example prism extensions Item No. 160649	20 mm	50 mm	0,21 kg	2-160645.1 ●
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Aluminum - M10 thread for example prism extensions Item No. 160649	20 mm	50 mm	0,07 kg	2-160645.1.A ●
<b>Vario Prism Ø 50 90°/120° with screwed-in collar</b> - Polyamide - M10 thread for example prism extensions Item No. 160649	20 mm	50 mm	0,03 kg	2-160645.1.P ●
<b>Vario Prism Ø 50 90°/120° without collar</b> - Burnished - Prism can be fastened with bolts	35 mm	50 mm	0,39 kg	2-160641 ●

● = Stock item / ○ = Item is made to order

Steel Collar - upon request also available in aluminum or polyamide.



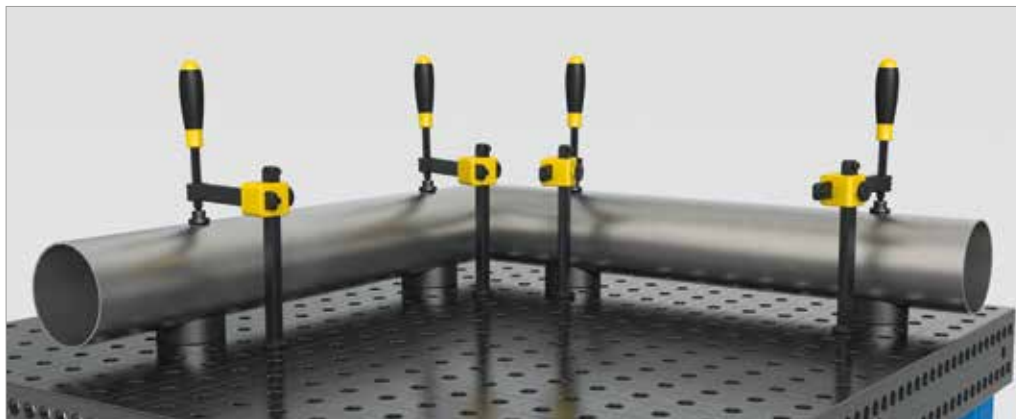
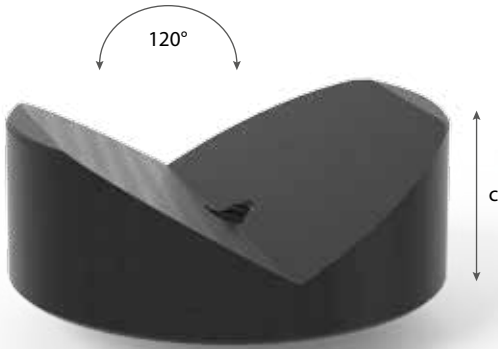
Prism Ø 80 120° with screwed-in collar

**Description:**

Prism Ø 80 with 120° angle, suitable for pipes with a diameter of up to 120 mm. The Prism creates a stable surface especially for round pipes and can be used for all 16 mm bore holes.

The prism with screwed-in collar can be fastened in the bore holes. For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.

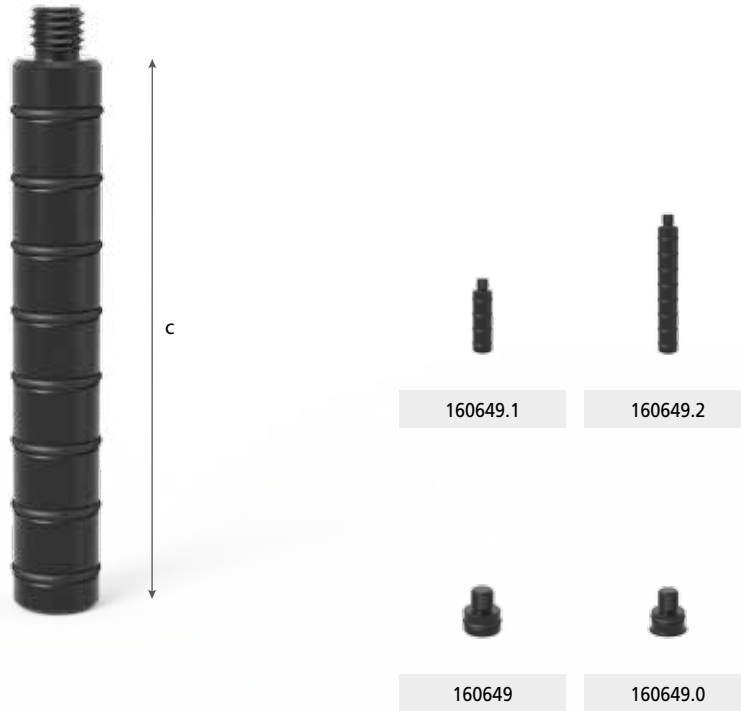


	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Prism Ø 80 120° with screwed-in collar</b> - Burnished - M10 thread for example prism extensions Item No. 160649	30 mm	80 mm	0,77 kg	2-160652.1 ●
<b>Prism Ø 80 120° with screwed-in collar</b> - Aluminum - M10 thread for example prism extensions Item No. 160649	30 mm	80 mm	0,77 kg	2-160652.1.A ●
<b>Prism Ø 80 120° with screwed-in collar</b> - Polyamide - M10 thread for example prism extensions Item No. 160649	30 mm	80 mm	0,77 kg	2-160652.1.P ●

● = Stock item / ○ = Item is made to order

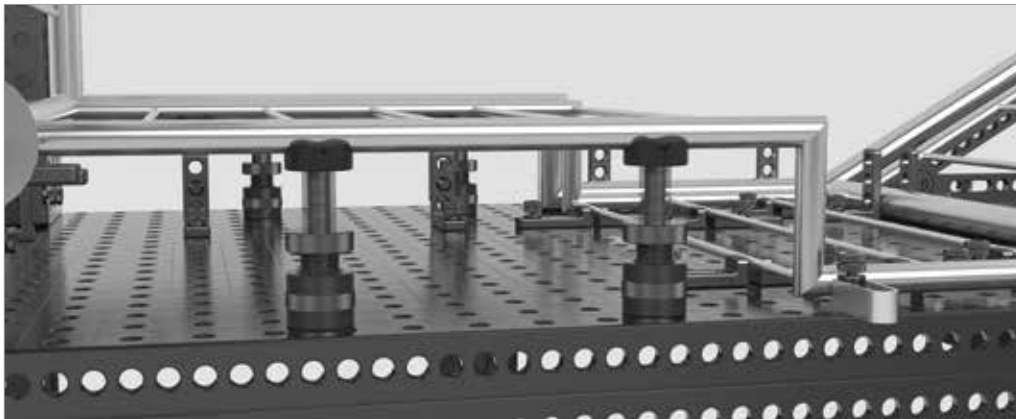
Steel Collar - upon request also available in aluminum or polyamide.

## Prism Extension



### Description:

The Prism extension can be quickly and securely screwed in all prisms and enables positioning of the prism at different heights in combination with spacers (Item No. 280821). With the screw support (Item No. 280822) an infinitely variable positioning is possible.



	Length: (a)	Ø: (o)	Weight:	Item No.
<b>Prism Extension 50</b> - Burnished	50 mm	16 mm	0,08 kg	2-160649.1 ●
<b>Prism Extension 100</b> - Burnished	100 mm	16 mm	0,15 kg	2-160649.2 ●
<b>Prism Screw-in Flange</b> - Burnished	19 mm	16 mm	0,02 kg	2-160649 ●
<b>Special screw</b> - for prisms system 16	20 mm	16 mm	0,02 kg	2-160649.0 ●

● = Stock item / ○ = Item is made to order

Upon request, all parts are available in aluminum or polyamide version.

Screw Support

**Description:**

Screw Support, especially intended for vernier adjustments ranging from 50-70 mm. Height compensation can be substantially increased by using prism extensions and the set of supports.



160822



Height: (c)	Ø: (o)	Weight:	Item No.
50-70 mm	50 mm	0,71 kg	2-160822 ●

**Screw Support Ø 50**  
- Burnished

● = Stock item / ○ = Item is made to order

Set of Supports 7 pieces



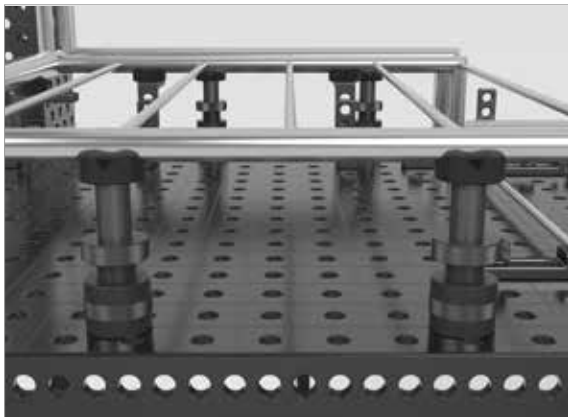
160821



160821.1



160821.2



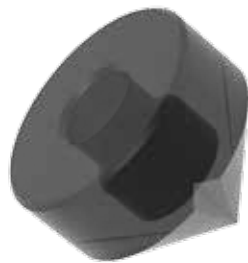
**Description:**

7-piece Set of Supports, offers the option to create height-adjustable work surfaces. The individual supports can be utilized to compensate for height differences of 1-60 mm. In order to achieve the intended height precisely, the lowest grading of the Supports is 1 mm. The measurements are specified on the particular discs. The Supports can be adjusted easily and precisely with the help of O-rings. The Set of Supports can be inserted universally in all drill holes of type 16. The M10 thread on the inside of the supports enables fastening of customer specific components or prisms.

	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Set of Supports 7 pieces</b> - Burnished	65 mm	25 mm	0,17 kg	2-160821 ●
<b>Tower for Supports</b> - Burnished	65 mm	25 mm	0,09 kg	2-160821.1 ●
<b>Washer Set</b> - gradation of discs: 1 / 2 / 3 / 5 mm 10 / 20 mm		25 mm	0,08 kg	2-160821.2 ●

● = Stock item / ○ = Item is made to order

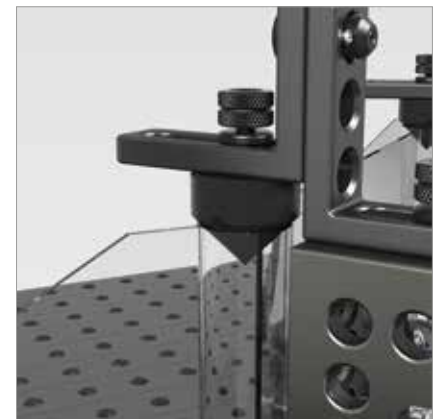
Clamping Cone



160670

**Description:**

Clamping Cone, enables clamping of round and square pipes with a diameter of up to < 45 mm, by simply positioning them. The Clamping Cone is fastened with bolts.

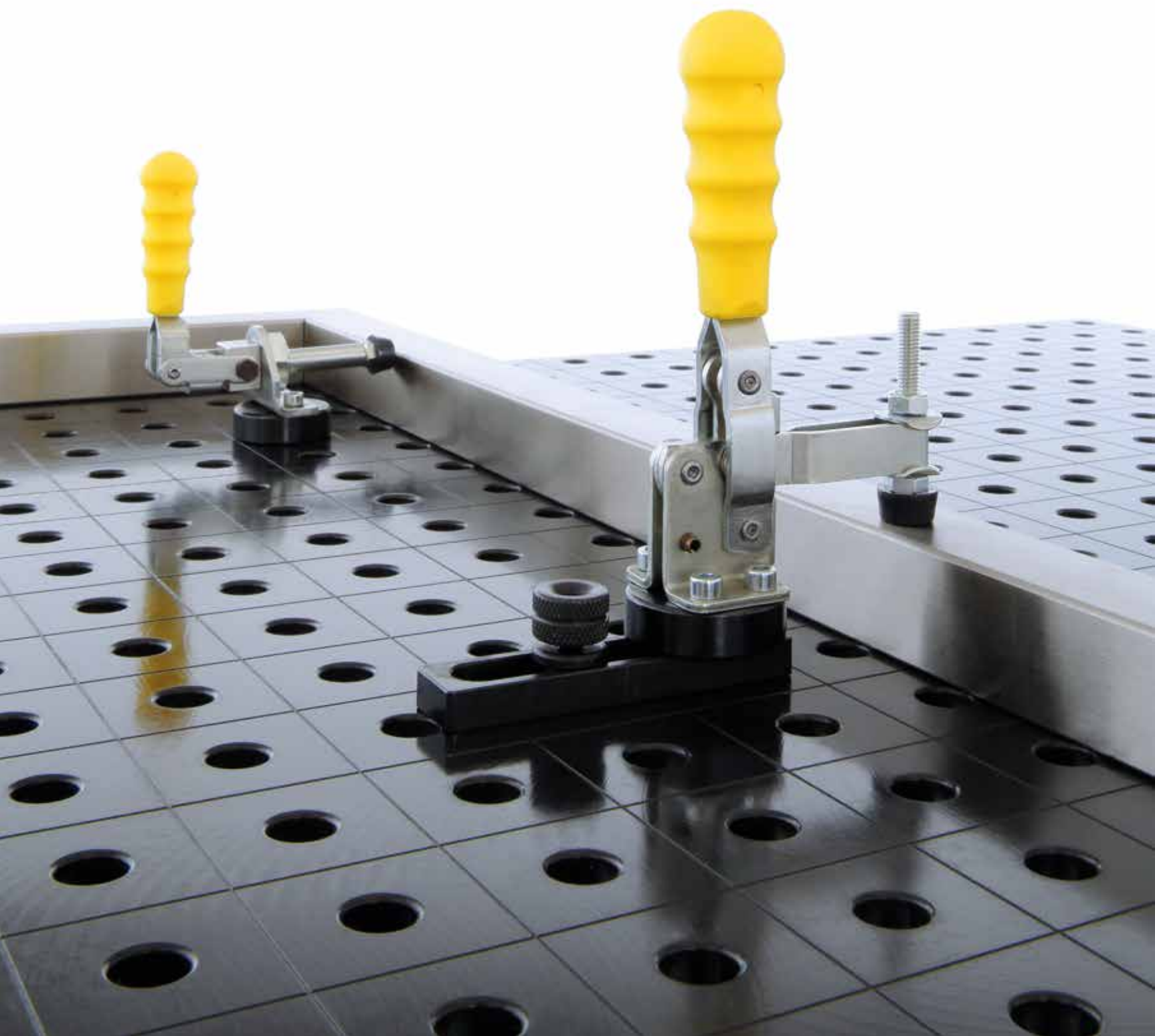


	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Clamping Cone</b> - Burnished	40 mm	45 mm	0,26 kg	2-160670 ●

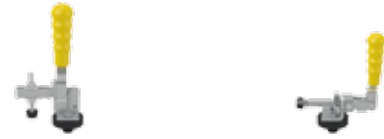
● = Stock item / ○ = Item is made to order

Upon request, all parts are available in aluminum or polyamide version.





	Page
Vertical Toggle Clamp with Adapter / Horizontal Toggle Clamp with Adapter	590
Adapter with Hole Pattern / Adapter Blank without Hole Pattern	592



### Vertical Toggle Clamp with Adapter



160705

009082



#### Description:

Vertical Toggle Clamp with Adapter, universally usable with 16 mm bore holes. Maximum functionality is achieved in combination with the Universal Stop, Item No. 160420.

The Adapter is replaceable. Further sizes see page 592.

**Vertical Toggle Clamp with Adapter**  
- Adapter 160715

**Vertical Toggle Clamp**

Weight: Item No.

0,95 kg 2-160705 ●

2-009082 ●

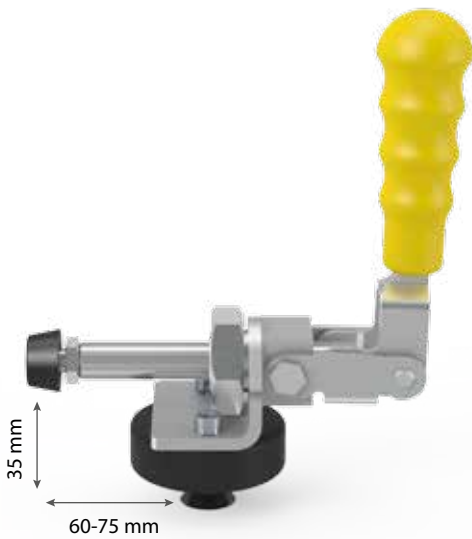
● = Stock item / ○ = Item is made to order

Horizontal Toggle Clamp with Adapter

**Description:**

The Horizontal Toggle Clamp with Adapter is universally usable, with 16 mm bore holes. Highest efficiency is achieved in combination with the Universal Stop, Item No. 160420.

The Adapter is replaceable. Further sizes see page 592.



160710

009083



**Horizontal Toggle Clamp with Adapter**  
- Adapter 160715

**Horizontal Toggle Clamp**

Weight:

0,91 kg

Item No.

2-160710 ●

2-009083 ●

● = Stock item / ○ = Item is made to order

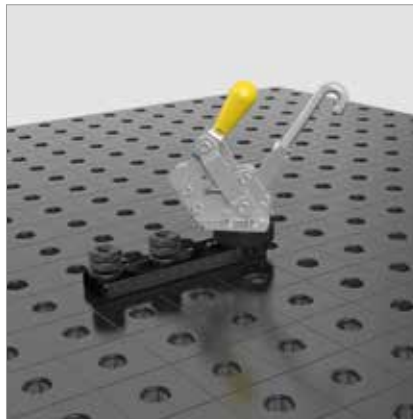
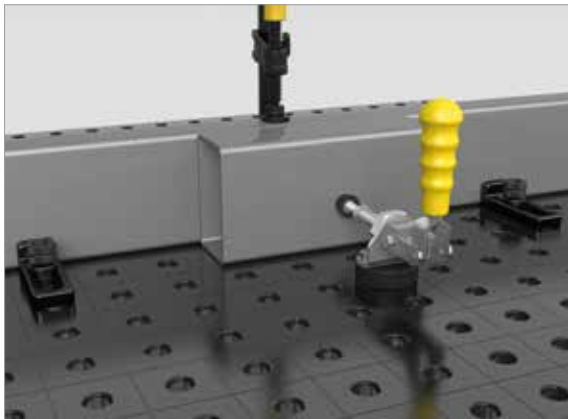
### Adapter with Hole Pattern / Adapter Blank without Hole Pattern



160715

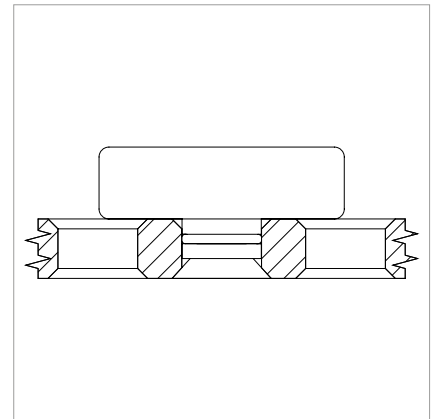


160720



#### Description:

Adapter with Hole Pattern, universally usable in all 16 mm bore holes. With the integrated O-ring maximum fitting accuracy is achieved.

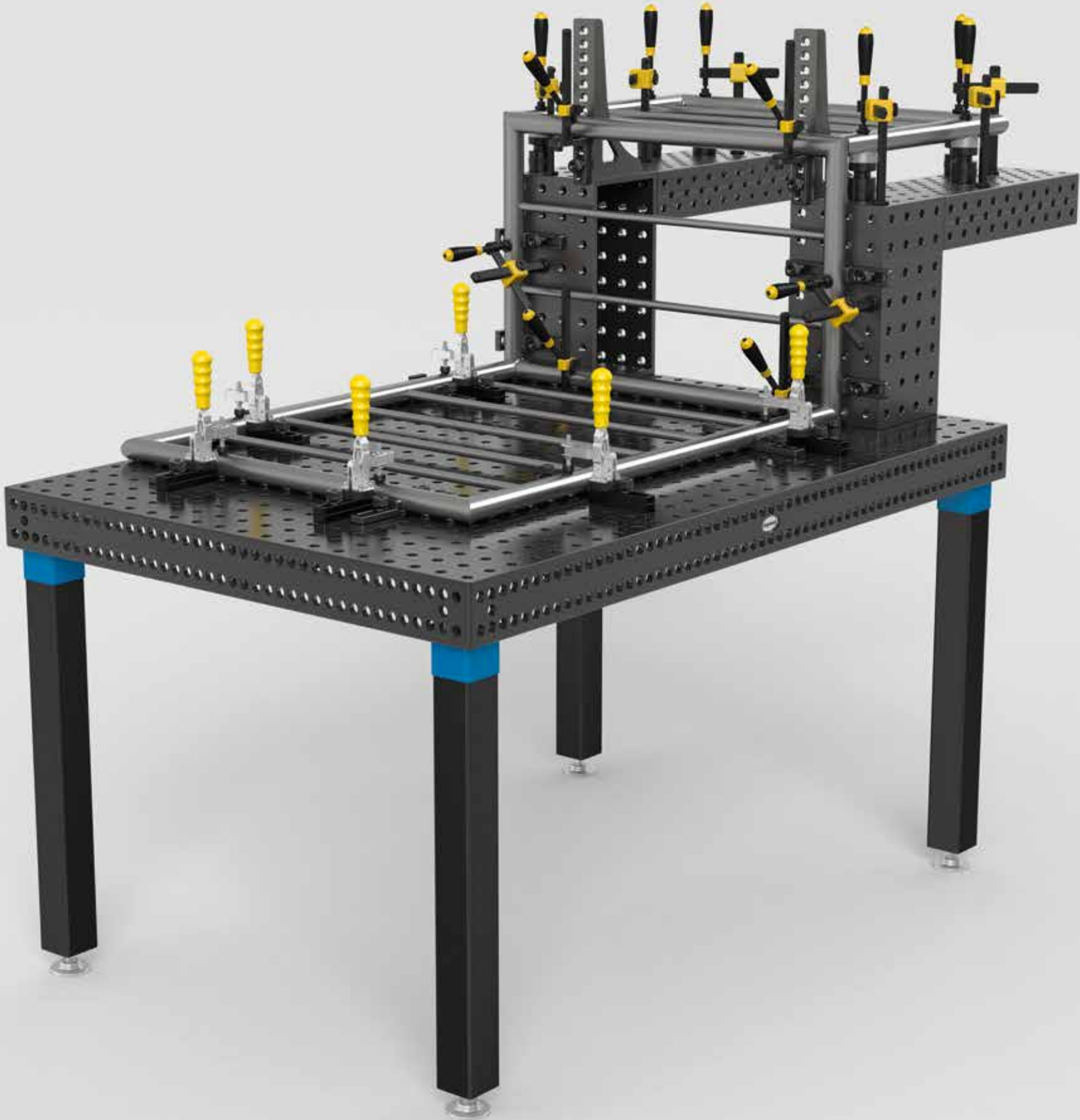


	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
<b>Adapter with Hole Pattern Ø 48 / 15</b> - for quick-change clamp	22 mm	48 mm	15 mm	0,20 kg	2-160715 ●
<b>Adapter Blank without Hole Pattern Ø 48 / 15</b> - for quick-change clamp	22 mm	48 mm	15 mm	0,25 kg	2-160720 ●

MS=Material thickness;

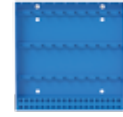
● = Stock item / ○ = Item is made to order



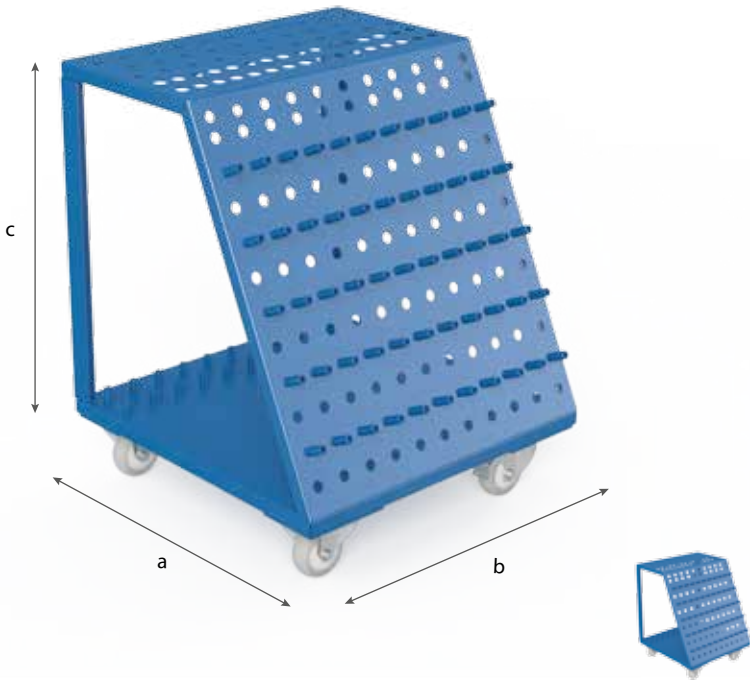




	Page
Tool Cart / Toolwall	596
Modular Tool Panel / Protective Welding Wall	598
Brush / Burner Holder	600
Allen Wrench / Ground Connection	602
Shipping Bracket	604



## Tool Cart



160910



### Description:

Tool Cart, offers sufficient space for your Siegmund accessories. Your tools are handy, and you always keep track of them. Large squares are practically and safely stored in the inside space. Due to the casters, the tools are quickly transported to different points of use.

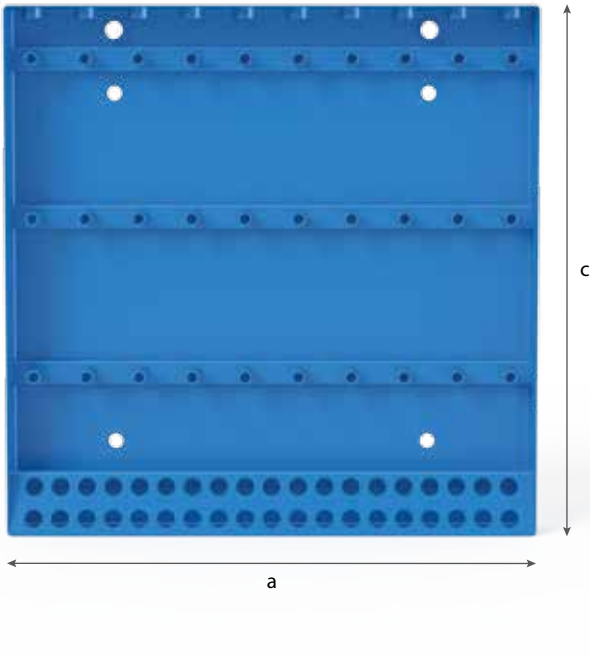
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
560 mm	560 mm	720 mm	30,00 kg	2-160910 ●

**Tool Cart**  
- varnished

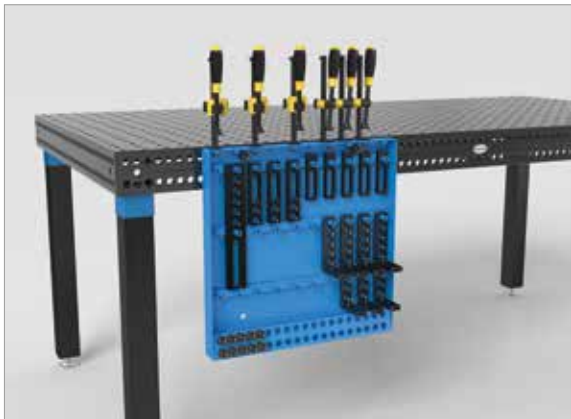
● = Stock item / ○ = Item is made to order

**Description:**

With the Toolwall Siegmund accessories are always within reach quickly. It can easily be bolted to the table, and attached to the wall with screws.



160912



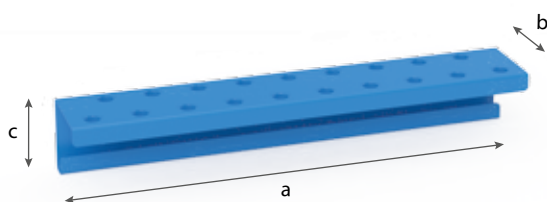
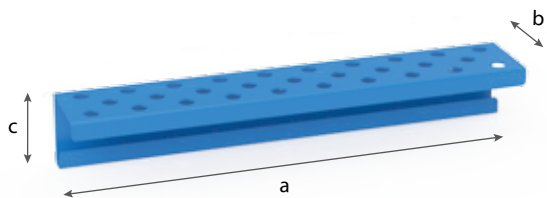
**Toolwall**  
- varnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
500 mm	50 mm	500 mm	7,40 kg	2-160912 ●

● = Stock item / ○ = Item is made to order



## Modular Tool Panel



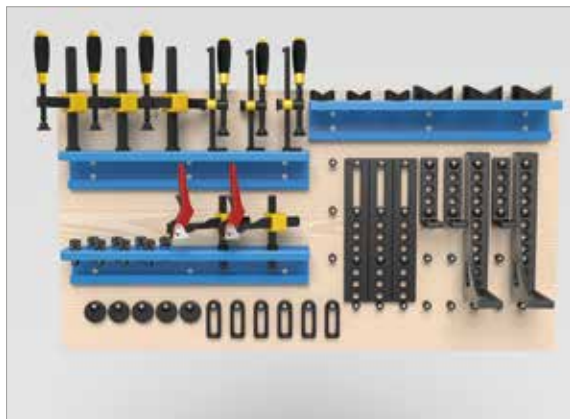
160930



160931



160936



### Description:

Modular Toolwall - create your own personal toolwall by using different components.

The Module 160930 (with System 16 bushing), is suitable for screw clamps, prisms and bolts. The Module 160931 (without bushing) can only be used with prisms and bolts.

By using the pin 160936 you can hang up all components with a drill hole of System 16.

The required back board is not included in delivery. We recommend using a glue-laminated wood board with a thickness of at least 5 cm.

	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
<b>Module for Tool Wall with Sleeves</b> - varnished	500 mm	90 mm	80 mm	16 mm	1,90 kg	2-160930 ●
<b>Module for Tool Wall without Sleeves</b> - varnished	500 mm	90 mm	80 mm	16 mm	1,60 kg	2-160931 ●
<b>Pin for Toolwall</b> - Burnished - pack of 10	22 mm			16 mm	0,01 kg	2-160936.10 ●
<b>Set Module for Tool Wall</b> - consisting of 2x 160930, 2x 160931, 5x 160936.10						2-160930.Set ●

● = Stock item / ○ = Item is made to order

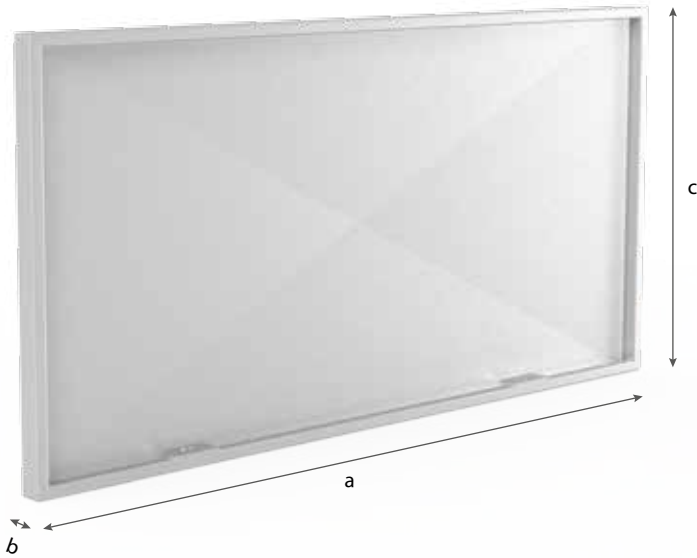
Protective Welding Wall

**Description:**

Protective Welding Wall, enables dividing the table into two workspaces. Position and size of workspaces are determined by individual requirements.

The Protective Wall protects workspaces that are located next to each other from welding spatters. The Protective Welding Wall is made of zinc coated sheet and is attached with two bolts.

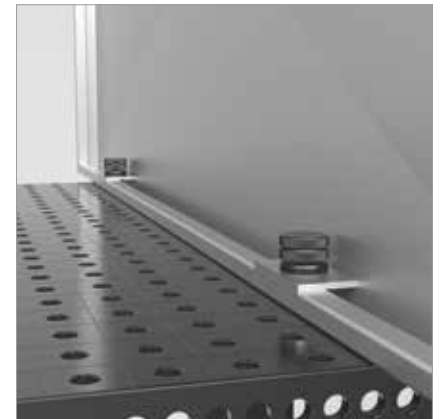
(The Protective Welding Wall is not scratch-proof due to production-related reasons).



280980



000520

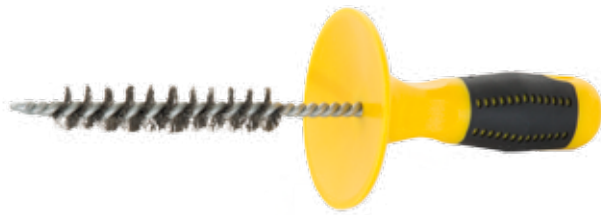


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
<b>Protective Welding Wall</b> - Custom color varnish available against surcharge	1600 mm	50 mm	800 mm		23,00 kg				2-280980 ●
<b>Combination Fast Clamping Bolt 28 -&gt; 16 short</b> - Burnished	75 mm			40 mm	0,32 kg	55,00 kN	10,00 Nm	10,00 kN	2-000520 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

● = Stock item / ○ = Item is made to order

## Brush



160820

160820.10



### Description:

Brush with a diameter of 17 mm, especially developed for removing grime in 16 mm bore holes effortlessly.

**Brush Ø 17 with protecting cover**  
- with protecting cover

**Brush Ø 17 for drill bit / 10 piece pack**

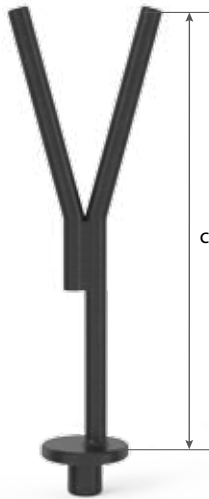
Ø: (o)	Weight:	Item No.
17 mm	0,05 kg	2-160820 ●
17 mm	0,05 kg	2-160820.10 ●

● = Stock item / ○ = Item is made to order

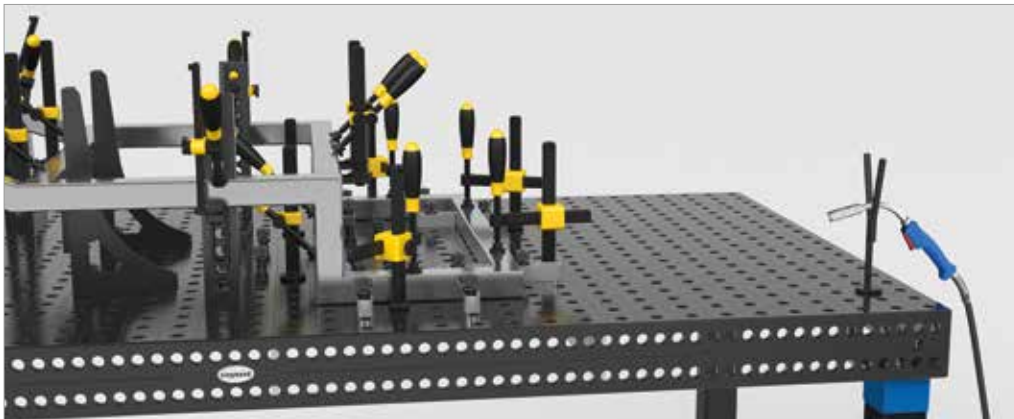
Burner Holder

**Description:**

Burner Holder, can be positioned in each system bore hole and offers an attachment for your welding burner.



160920



**Burner Holder**  
- Burnished

Height: (c)	Weight:	Item No.
200 mm	0,27 kg	2-160920 ●

● = Stock item / ○ = Item is made to order

## Allen Wrench



160852



### Description:

Allen Key 4, the practical tool to tighten bolts quickly and safely.

The Allen Key 4 is perfect for clamping of clamping bolts and screw clamps.

**Allen Wrench 4**  
- yellow

Weight:

Item No.

0,06 kg

2-160852 ●

● = Stock item / ○ = Item is made to order



Ground Connection

**Description:**

Ground Connection, guarantees 100% contact to the welding table, therefore no overheating is possible. Simple installation by fastening it in a system bore hole.

Load up to 500 ampere  
Cable cross section 70-95 mm<sup>2</sup>



000810



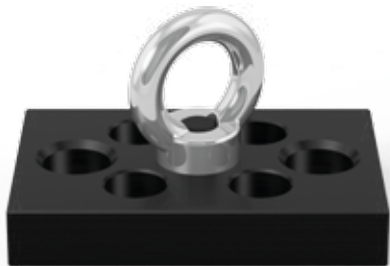
**Ground Connection Comfort**

Item No.

2-000810 ●

● = Stock item / ○ = Item is made to order

## Shipping Bracket



160830

000835

### Description:

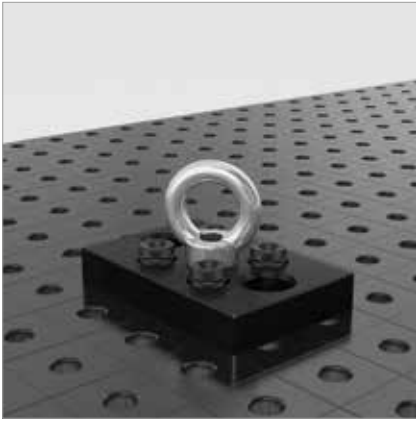
The Shipping Bracket with fastening plate has a load capacity of 700 kg. It is used to move welding tables and other heavy Siegmund elements safely and easily. It is fastened quickly and simply with four clamping bolts.

The general regulations for the use of shipping brackets must be followed. The load capacity can be reduced substantially, depending on operating conditions. During transport, the table may not be raised more than 100 mm, and no one is permitted underneath the table.

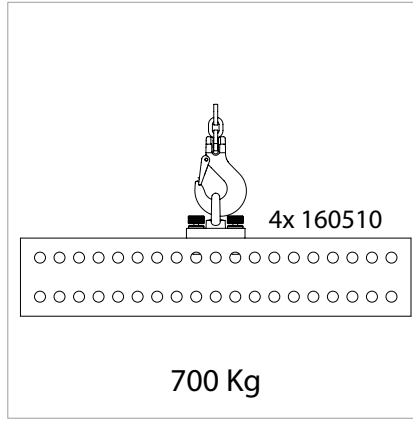
In addition, the shipping brackets can be used as an easy fastener for lashing straps.

Please consider following safety instructions:  
 Ring nuts should be completely bolted.  
 Ring nuts should bear flat and completely on support surface.  
 Length of mating thread has to be sufficient.  
 Lateral pull should be avoided.

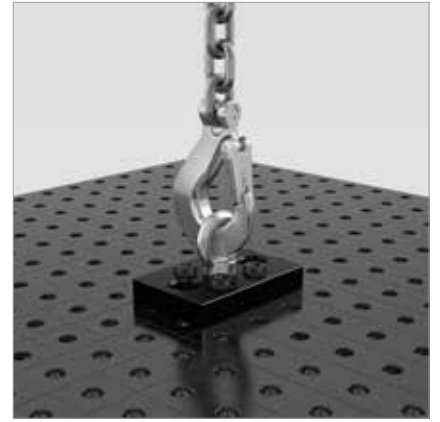




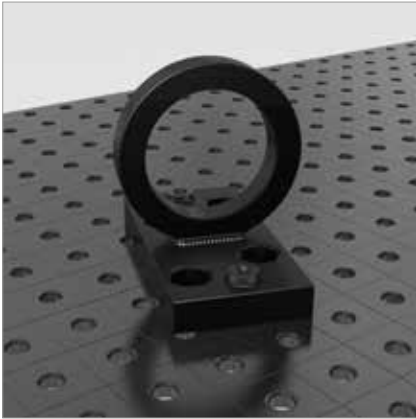
160830



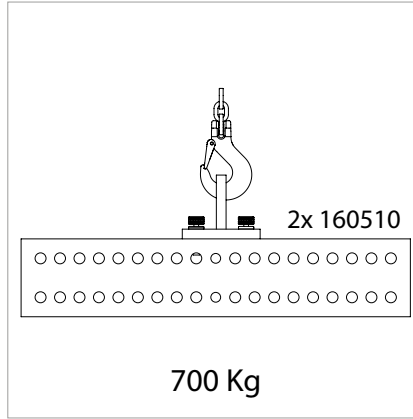
160830



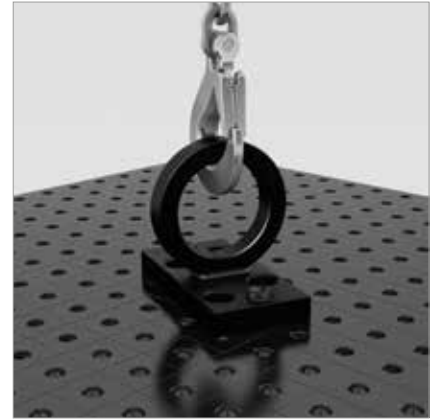
160830



000835



000835



000835

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
<b>Shipping Bracket with Fastening Plate</b> - 700 kg load-bearing capacity (with 4x 160510)	150 mm	100 mm	25 mm	2,63 kg	2-160830 ●
<b>Shipping Bracket</b> - 700 kg load-bearing capacity (with 2x 160510) - for work table system 28 and 16	200 mm	100 mm	165 mm	4,50 kg	2-000835 ●

● = Stock item / ○ = Item is made to order

not allowed for 160055 (4000x2000x100 mm)



**16** SETS

**siegmund®**

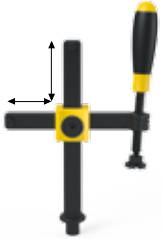


	<b>Page</b>
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Set 3 / Set 4	610
Set 5	612
Set 1 Aluminum / Set 2 Aluminum	614



## Set 1

2-163100



Clamp

Burnished

160610

4 x



Clamping Bolt

Burnished

160510

12 x



Stop

Nitrided

160420.N

4 x



Square

Nitrided

160110.N

4 x



Square

Nitrided

160108.N

4 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920

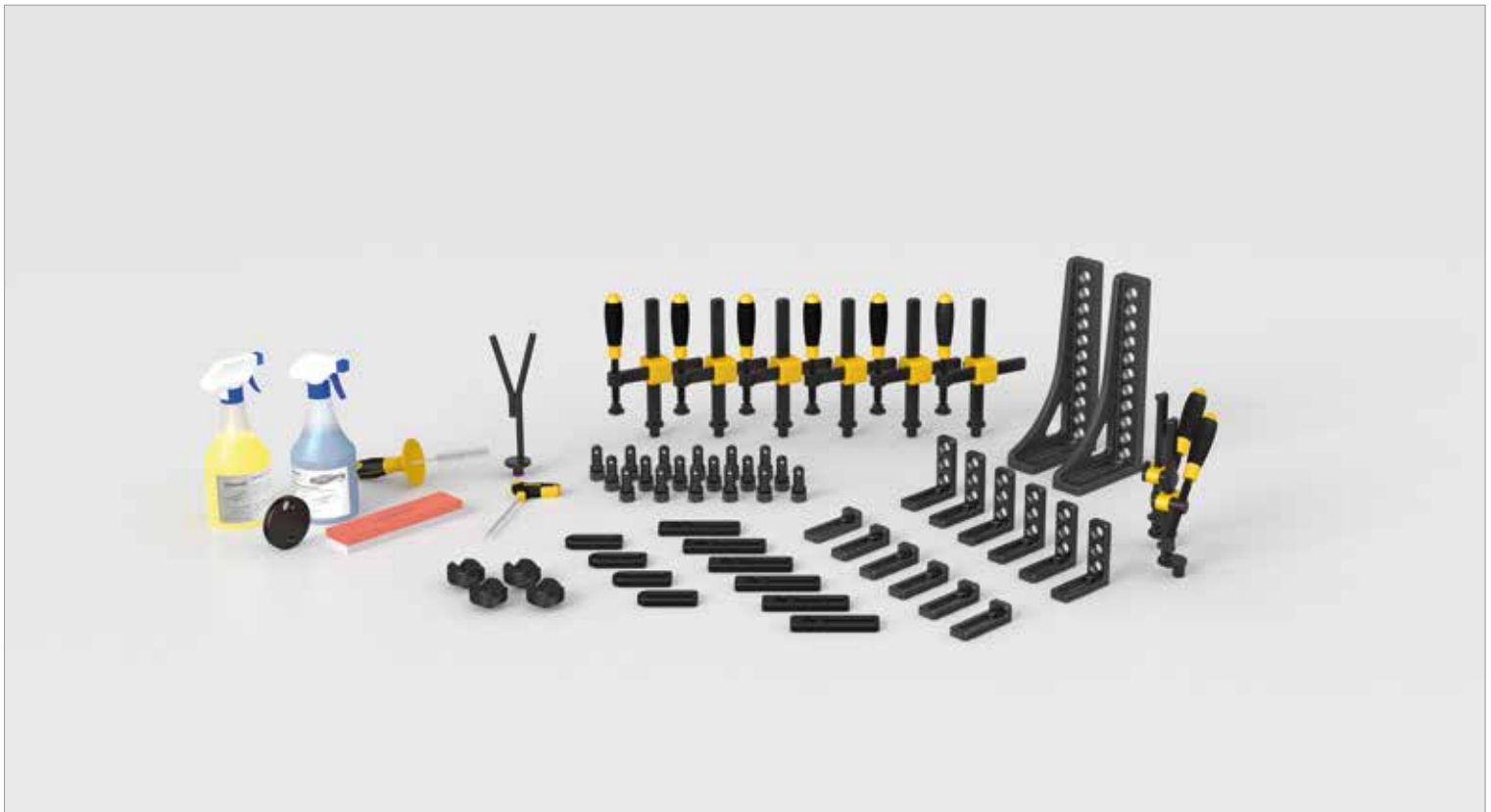


2-163200

Clamp	Clamp	Prism	Clamping Bolt	Stop	Stop	Square
Burnished	Burnished	Burnished	Burnished	Nitrided	Nitrided	Nitrided
160610	160630	160645.1	160510	160410.N	160420.N	160110.N
6 x	2 x	4 x	18 x	4 x	6 x	6 x

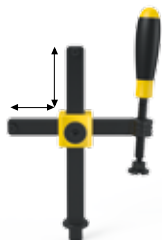
Square	Square
Nitrided	Burnished
160108.N	160162
6 x	2 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920

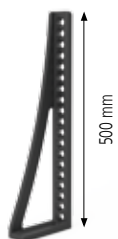
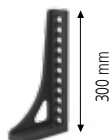
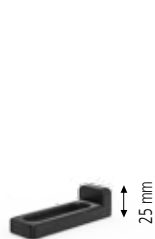


## Set 3

2-163300

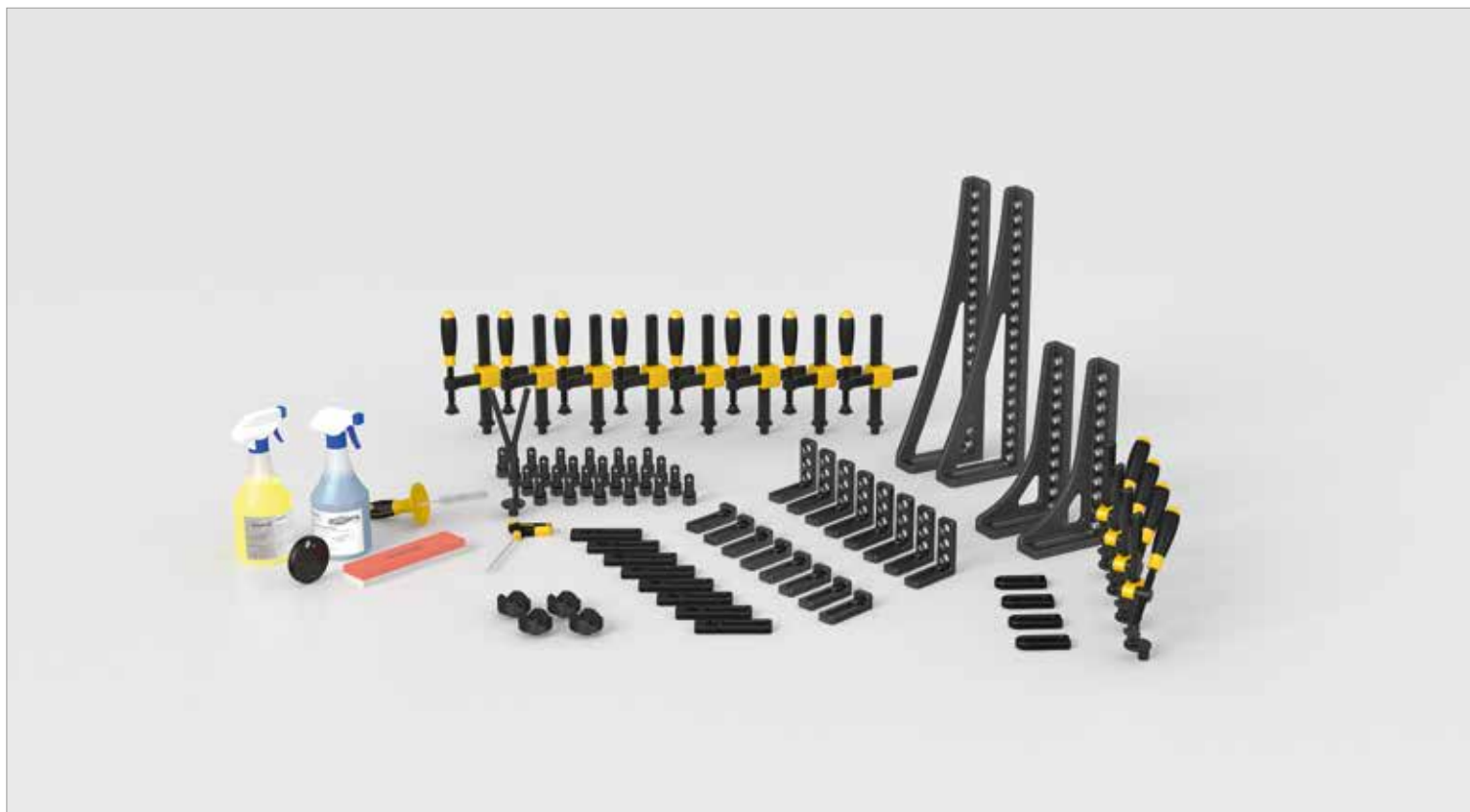


Clamp	Clamp	Prism	Clamping Bolt	Stop	Stop	Square
Burnished	Burnished	Burnished	Burnished	Nitrided	Nitrided	Nitrided
160610	160630	160645.1	160510	160410.N	160420.N	160110.N
8 x	4 x	4 x	24 x	4 x	8 x	8 x

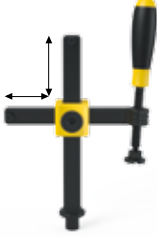





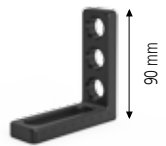



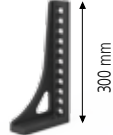
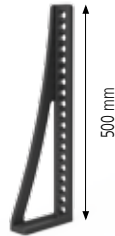



Square	Square	Square
Nitrided	Burnished	Burnished
160108.N	160162	160164
8 x	2 x	2 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920



2-163400

						
Clamp	Clamp	Prism	Clamping Bolt	Stop	Stop	Square
Burnished	Burnished	Burnished	Burnished	Nitrided	Nitrided	Nitrided
160610	160630	160645.1	160510	160410.N	160420.N	160110.N
10 x	4 x	8 x	30 x	8 x	10 x	10 x

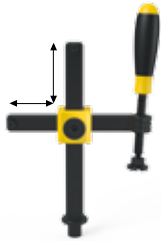
					
Square	Square	Square	Square	Square	Tool Cart
Nitrided	Burnished	Burnished	Cast iron / Burnished	Burnished	
160108.N	160162	160164	160161+63	160134+36	160910
10 x	2 x	2 x	1 x + 1 x	1 x + 1 x	1 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920



## Set 5

2-163500



Clamp

Burnished

160610

12 x



Clamp

Burnished

160630

6 x



Prism

Burnished

160645.1

8 x



Clamping Bolt

Burnished

160510

36 x



Stop

Nitrided

160410.N

8 x



Stop

Nitrided

160420.N

12 x



Square

Nitrided

160110.N

12 x

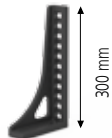


Square

Nitrided

160108.N

12 x

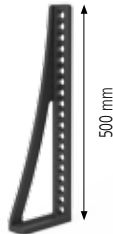


Square

Burnished

160162

2 x



Square

Burnished

160164

2 x



Square

Cast iron / Burnished

160161+63

1 x + 1 x

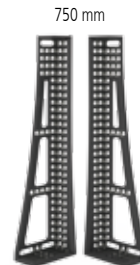


Square

Burnished

160134+36

1 x + 1 x



Square

Plasma nitrided

160146+48.P

1 x + 1 x



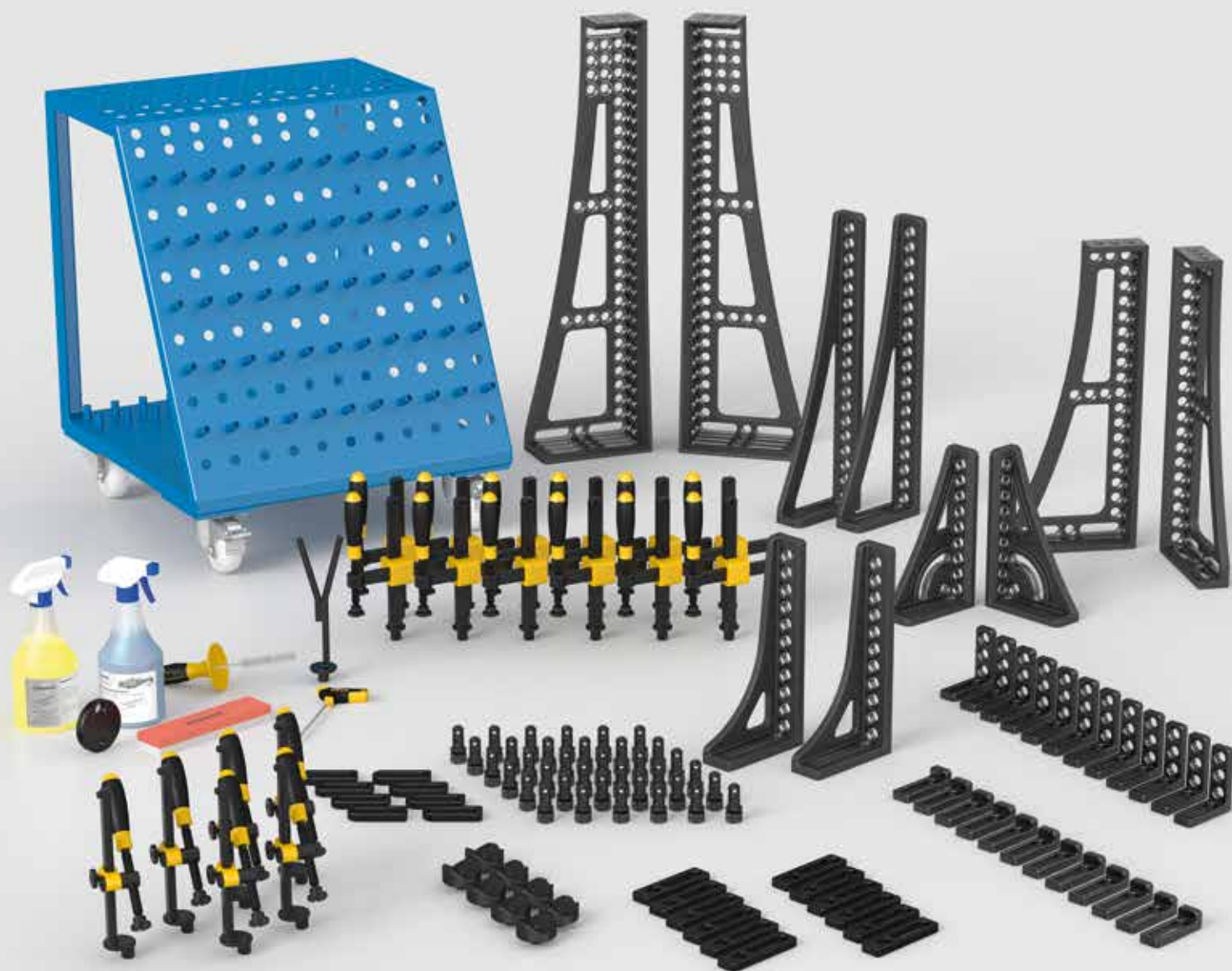
Tool Cart

160910

1 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920





## Set 1 Aluminum

2-163100.A

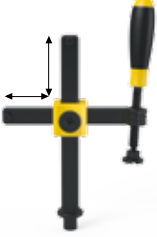





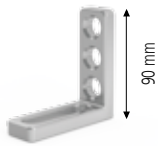






Clamp	Clamp	Prism	Clamping Bolt	Aluminum Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
160610	160630	160656.P	160510	160412	160420.A	160110.A
6 x	2 x	8 x	24 x	12 x	6 x	6 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920

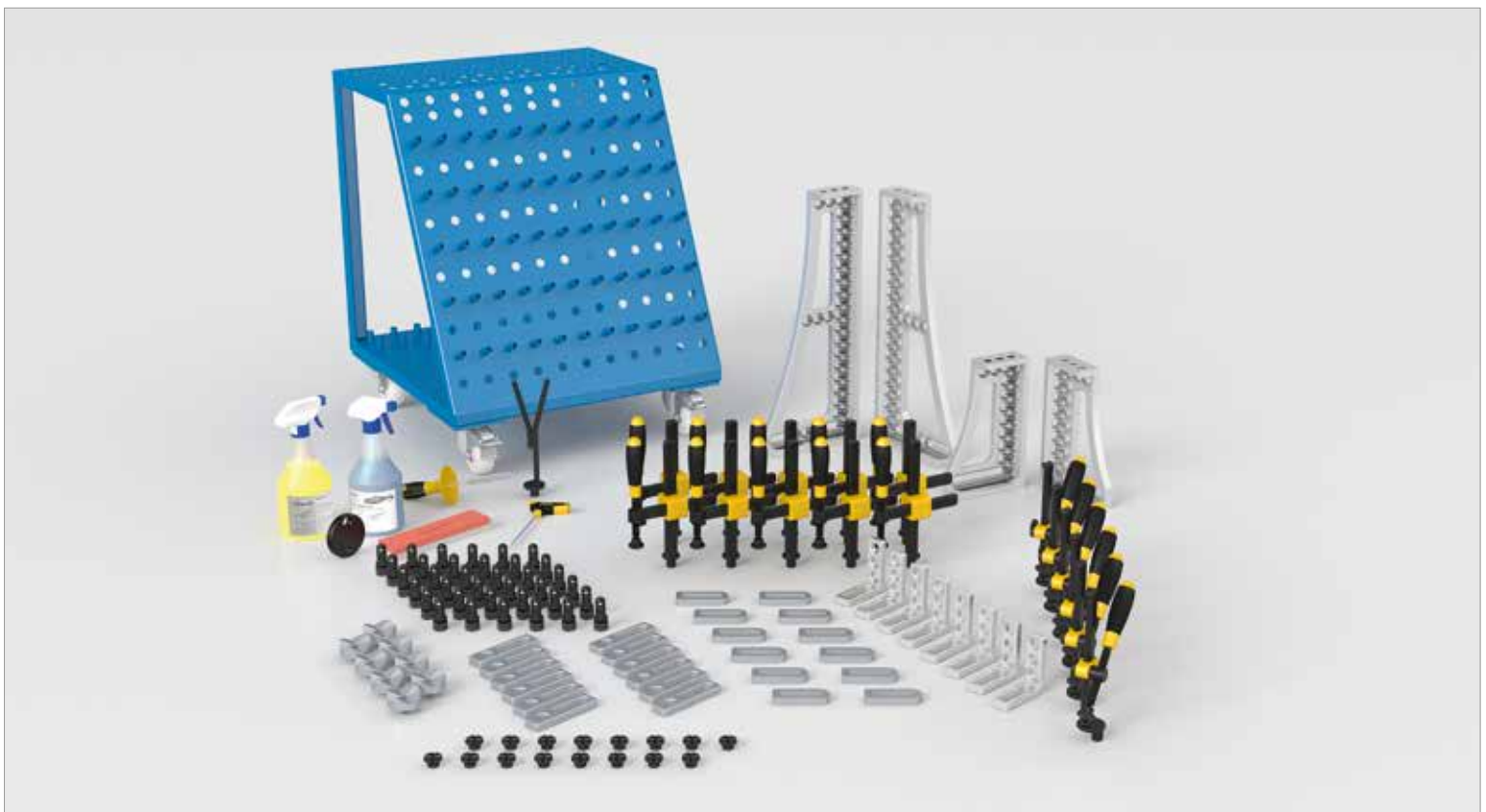


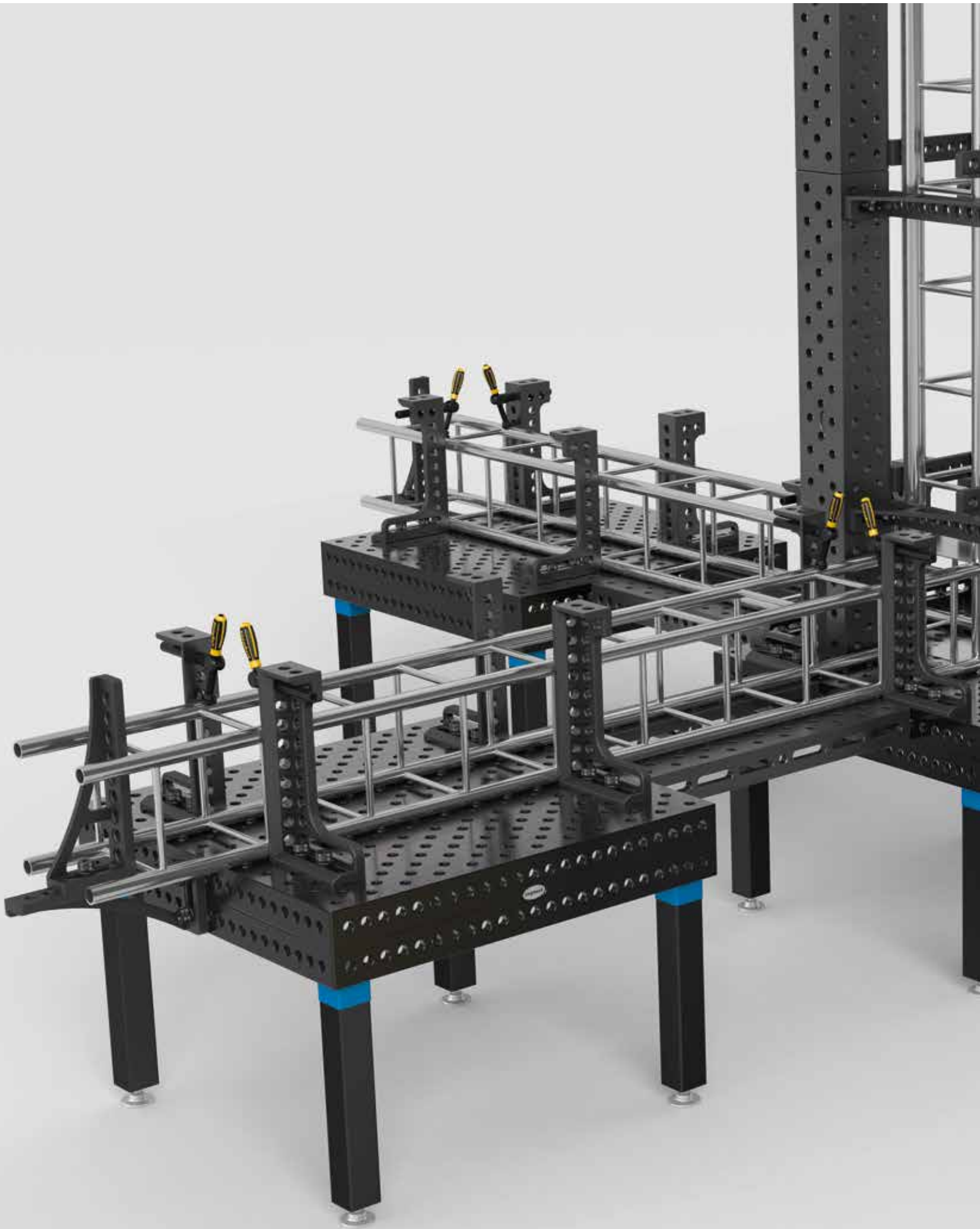
2-163200.A

						
Clamp	Clamp	Prism	Clamping Bolt	Aluminum Stop	Stop	Square
Burnished	Burnished	Polyamide	Burnished	Aluminum	Aluminum	Aluminum
160610	160630	160656.P	160510	160412	160420.A	160110.A
10 x	6 x	16 x	36 x	12 x	12 x	8 x

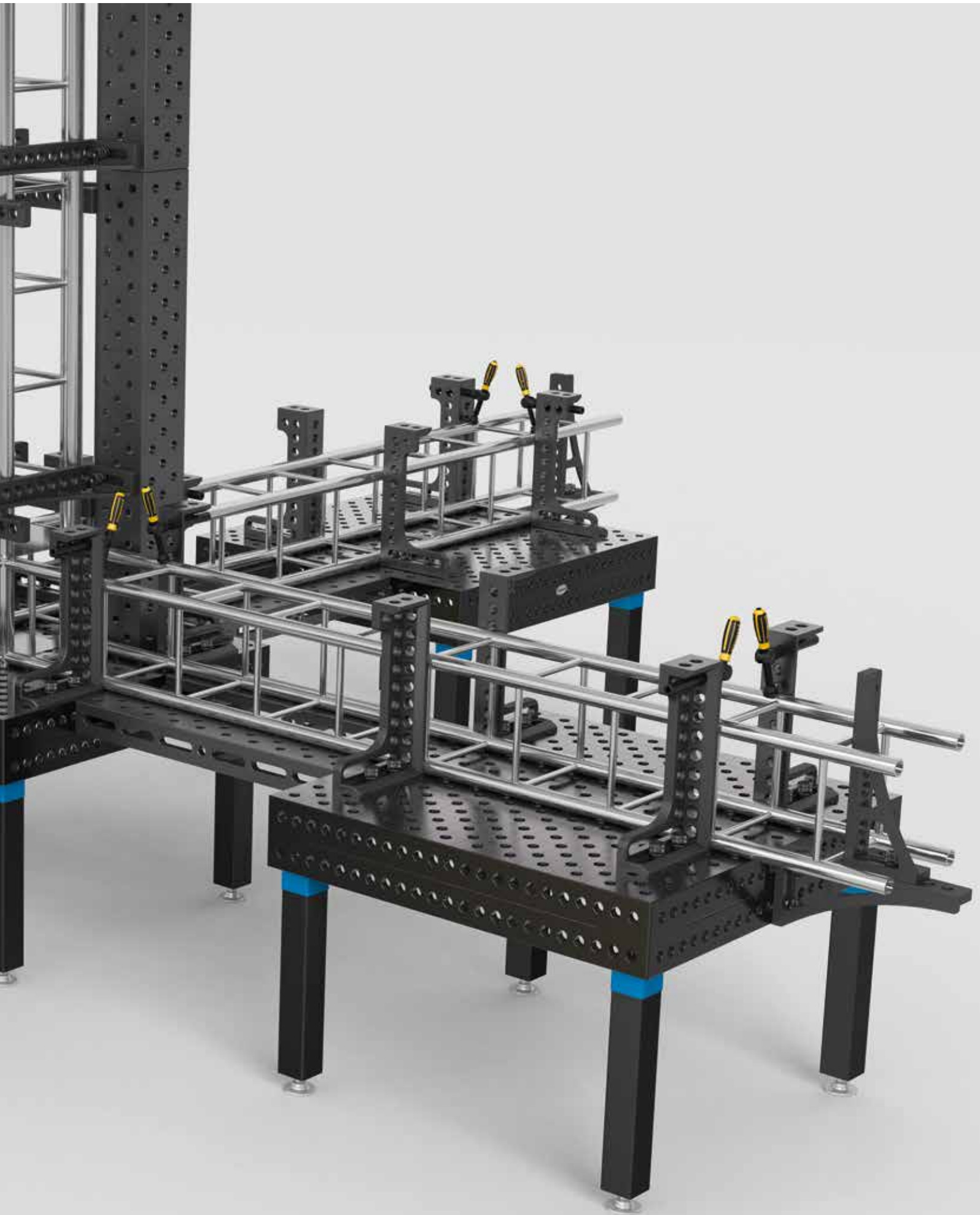
			
Prism	Square	Square	Tool Cart
Aluminum	Aluminum-Titanium	Aluminum-Titanium	
160645.1.A	160120+21	160138+39	160910
8 x	1 x + 1 x	1 x + 1 x	1 x

incl. Accessories-Set (163999): 1x 160402, 1x 160852, 1x 160820, 1x 000942, 1x 000911, 1x 000921, 1x 160920

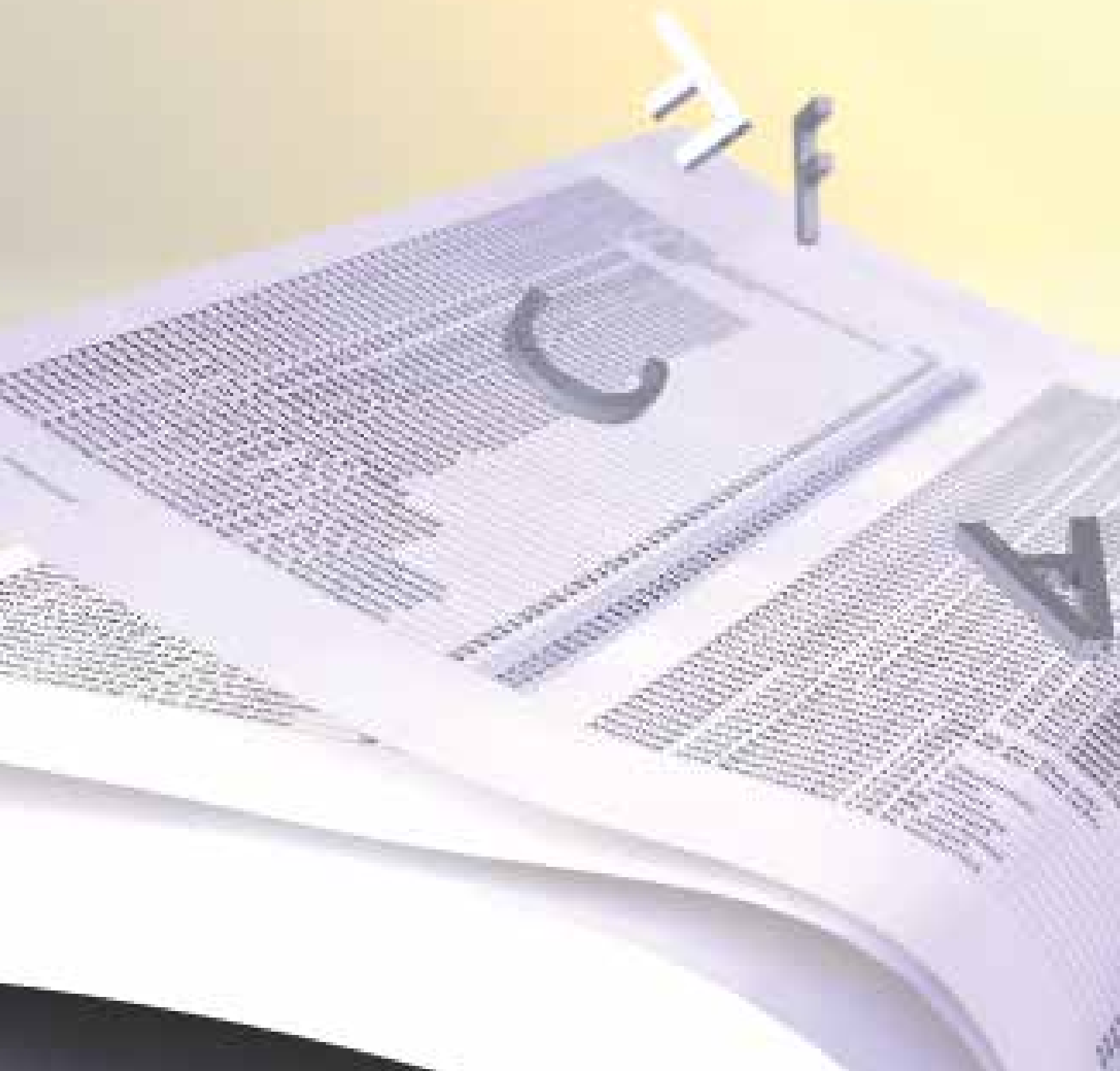














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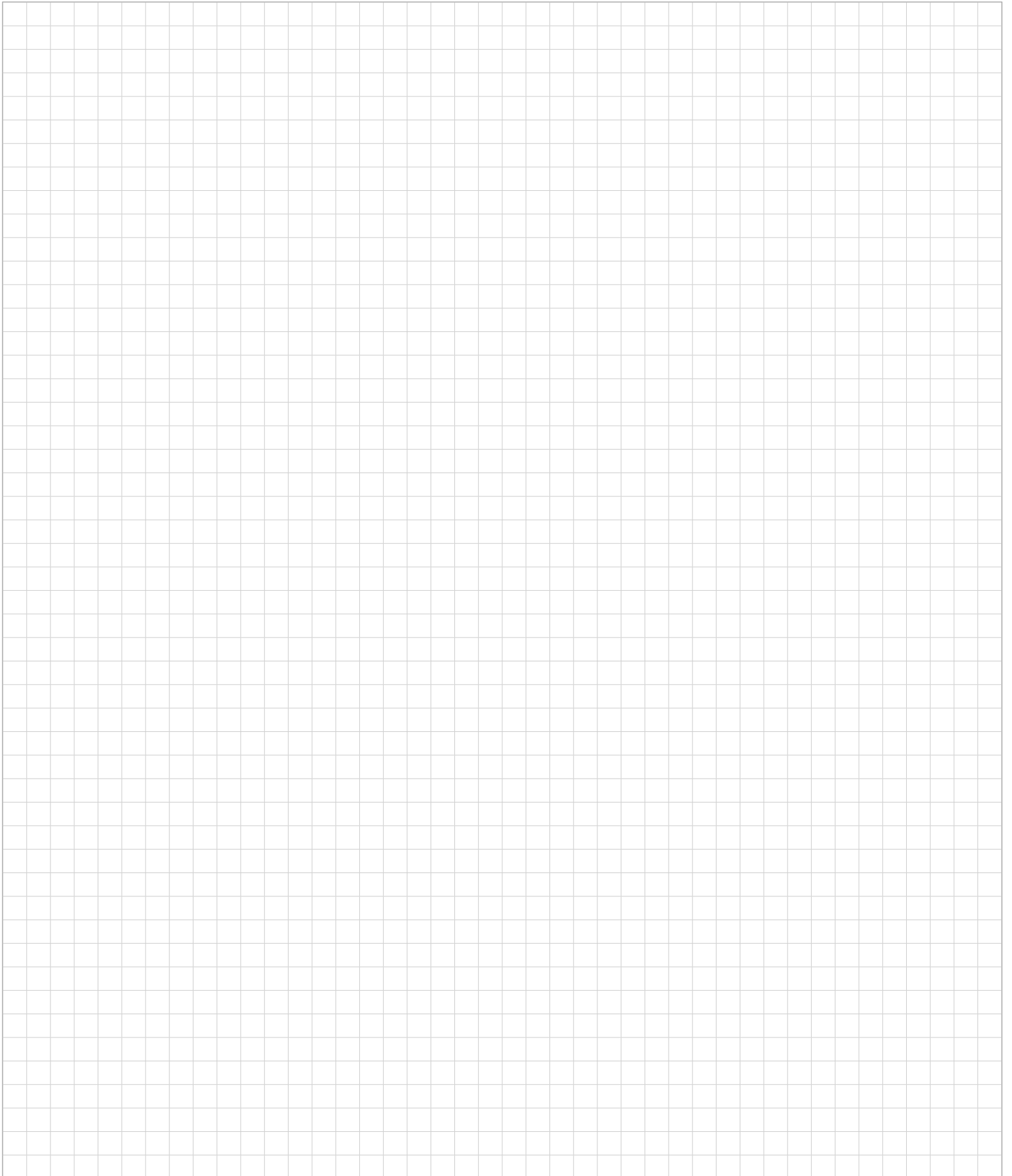
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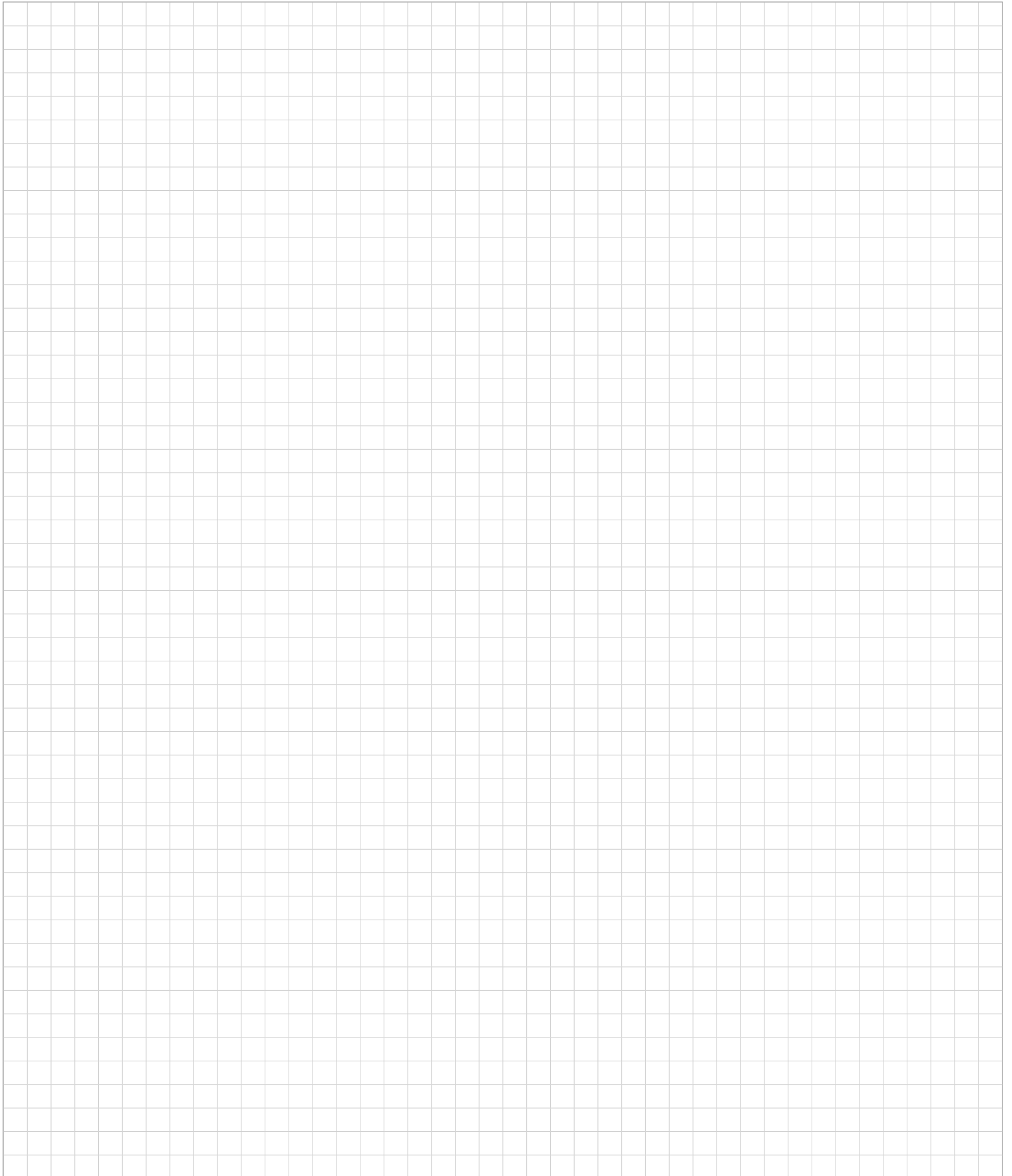
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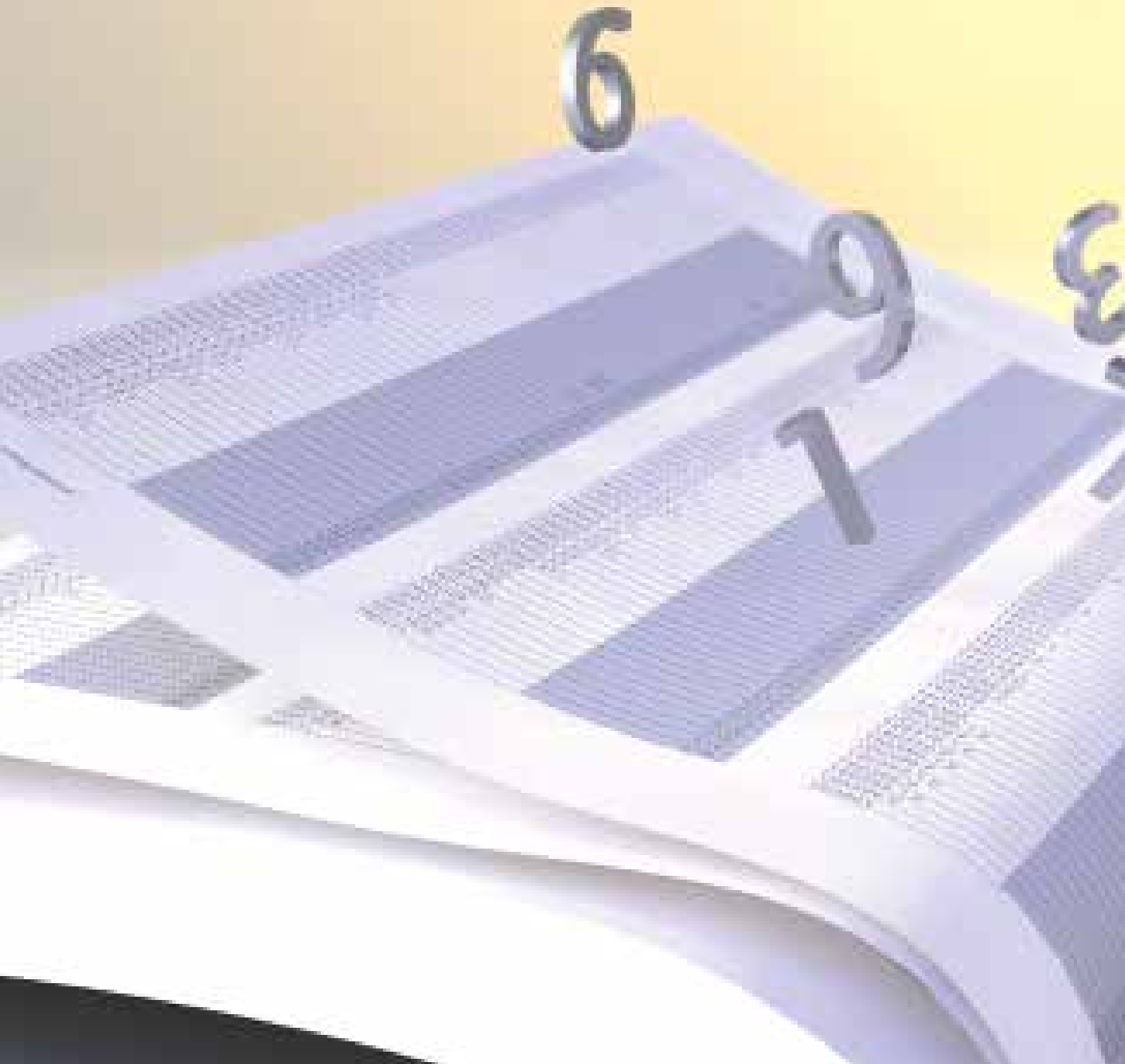
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