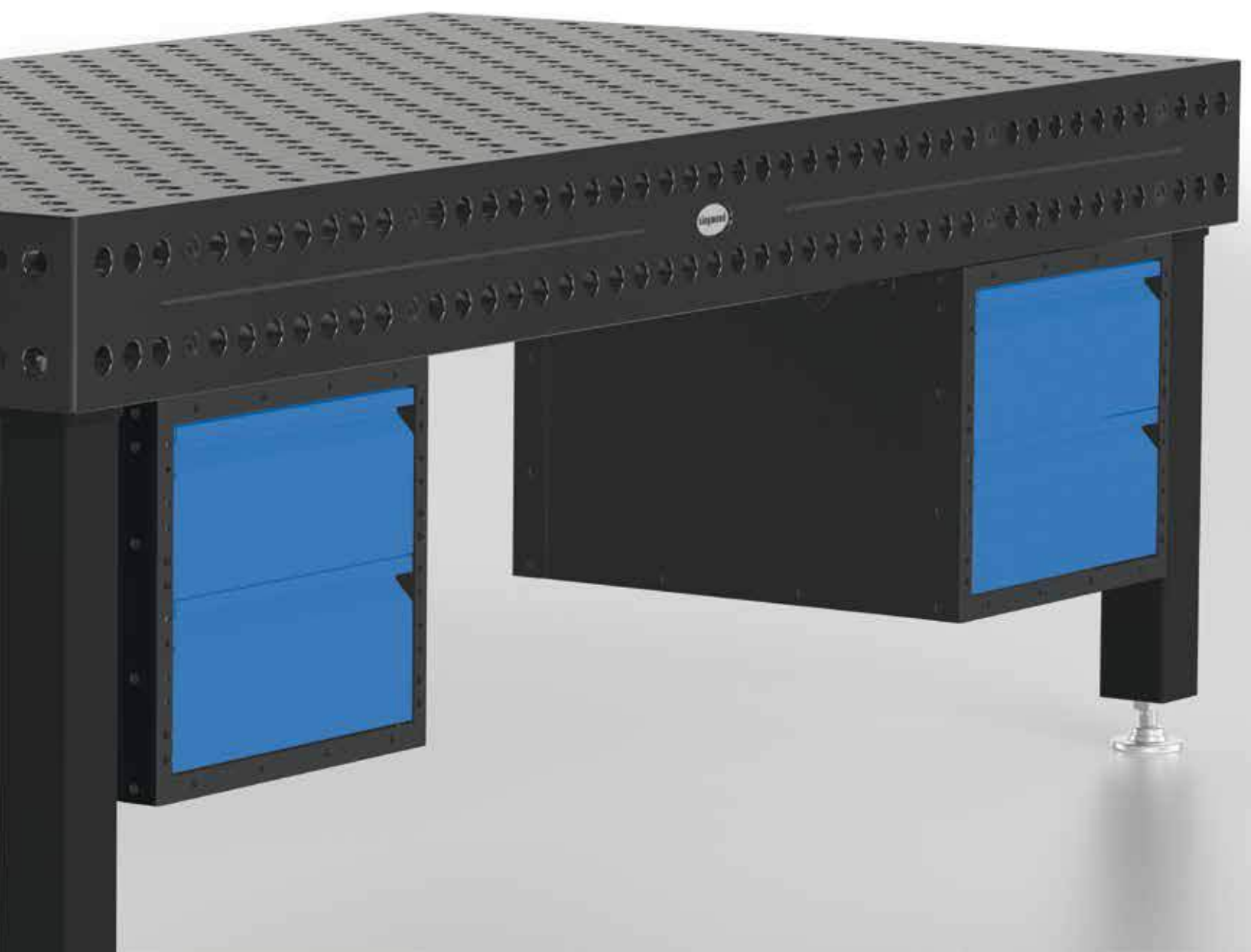




WELDING TABLES AND CLAMPING SYSTEMS





To build the best welding tables is our aspiration!

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 Oberottmarshausen, 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 exceptional 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 700 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!

PS: Visit our homepage: www.siegmund.com -
to find very special offers!



Yours
Bernd Siegmund



Yours
Daniel Siegmund

TABLES

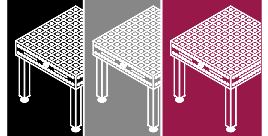
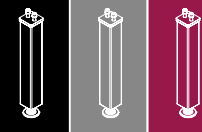


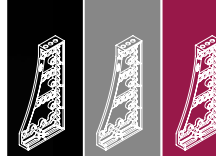
TABLE LEGS



STOPS



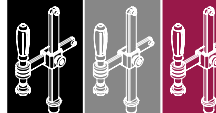
SQUARES



BOLTS



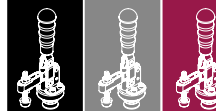
CLAMPS & ACCESSORIES



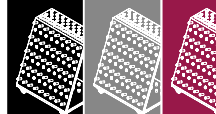
PRISMS & SUPPORTS



FAST CLAMPING EQUIPMENT & ADAPTER



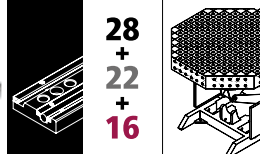
ACCESSORIES



RAIL- AND PLATFORMSYSTEM
 SIEGMUND WORKSTATION | SYSTEM 28 + 22 + 16
 POSITIONER



Workstation Flanges, Pneumatic Clamps,
 Connecting Elements, Maintenance products



28
 +
 22
 +
 16



As of August 2018

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 manufacturing 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 since autumn 2018 headquartered in Oberottmarshausen 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.

Locations of our group of companies:
Oberottmarshausen (D), Grossaitingen (D), Deggingen (D),
Gossau (CH), Skawina (PL), Lublin (PL), Ningbo (CN).
Operating area approx. 150.000 m²,
area of production and warehouse approx. 60.000 m²



Grossaitingen (D)



Deggingen (D)



Skawina (PL)



Lublin (PL)



Profit from our Bavarian values!

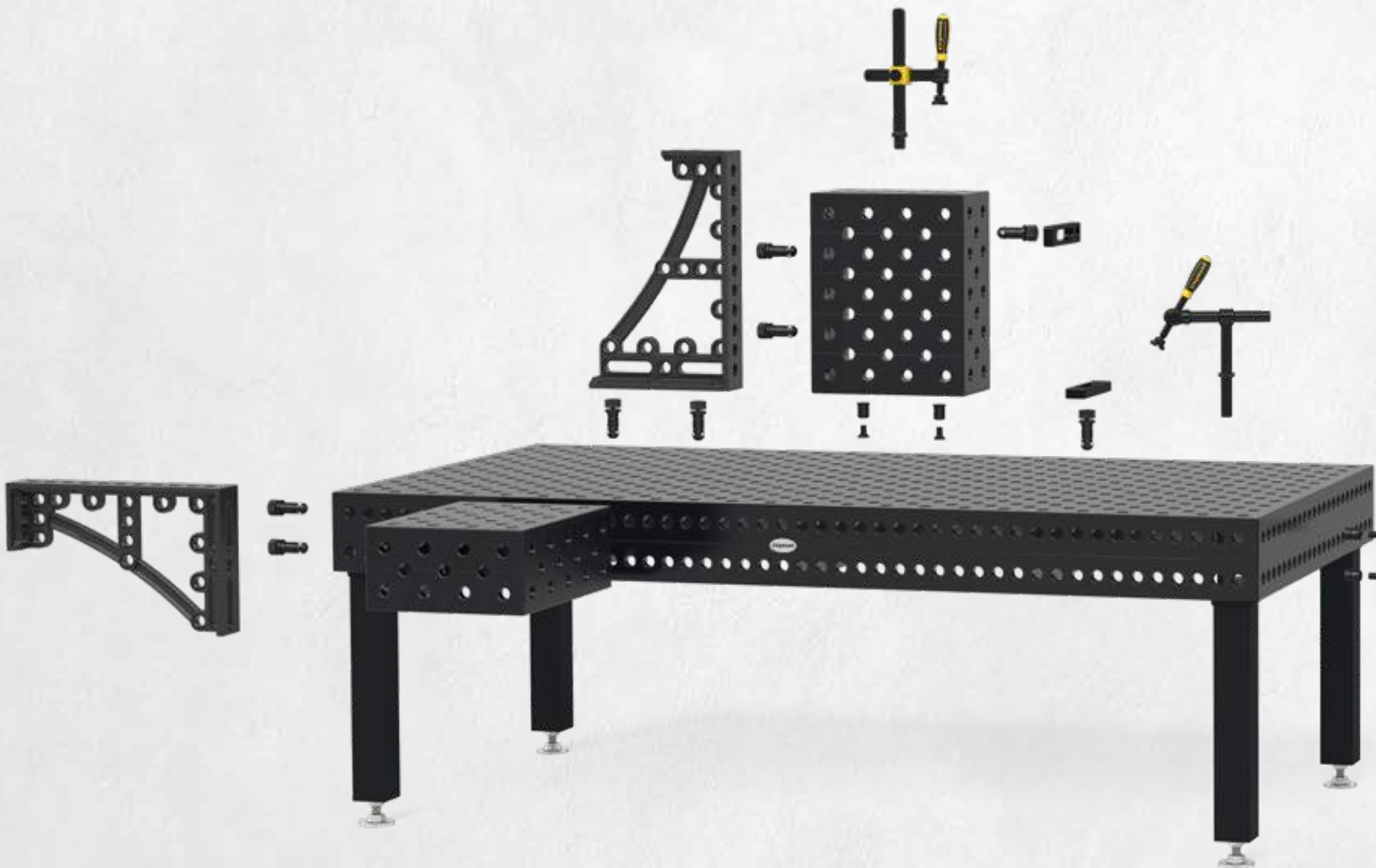
Our headquarters in Oberottmarshausen are located in the heart of Bavaria, in the south of Germany. It is without a doubt one of the leading economic areas within Europe.

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.



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



WELDING TABLES AND CLAMPING SYSTEMS

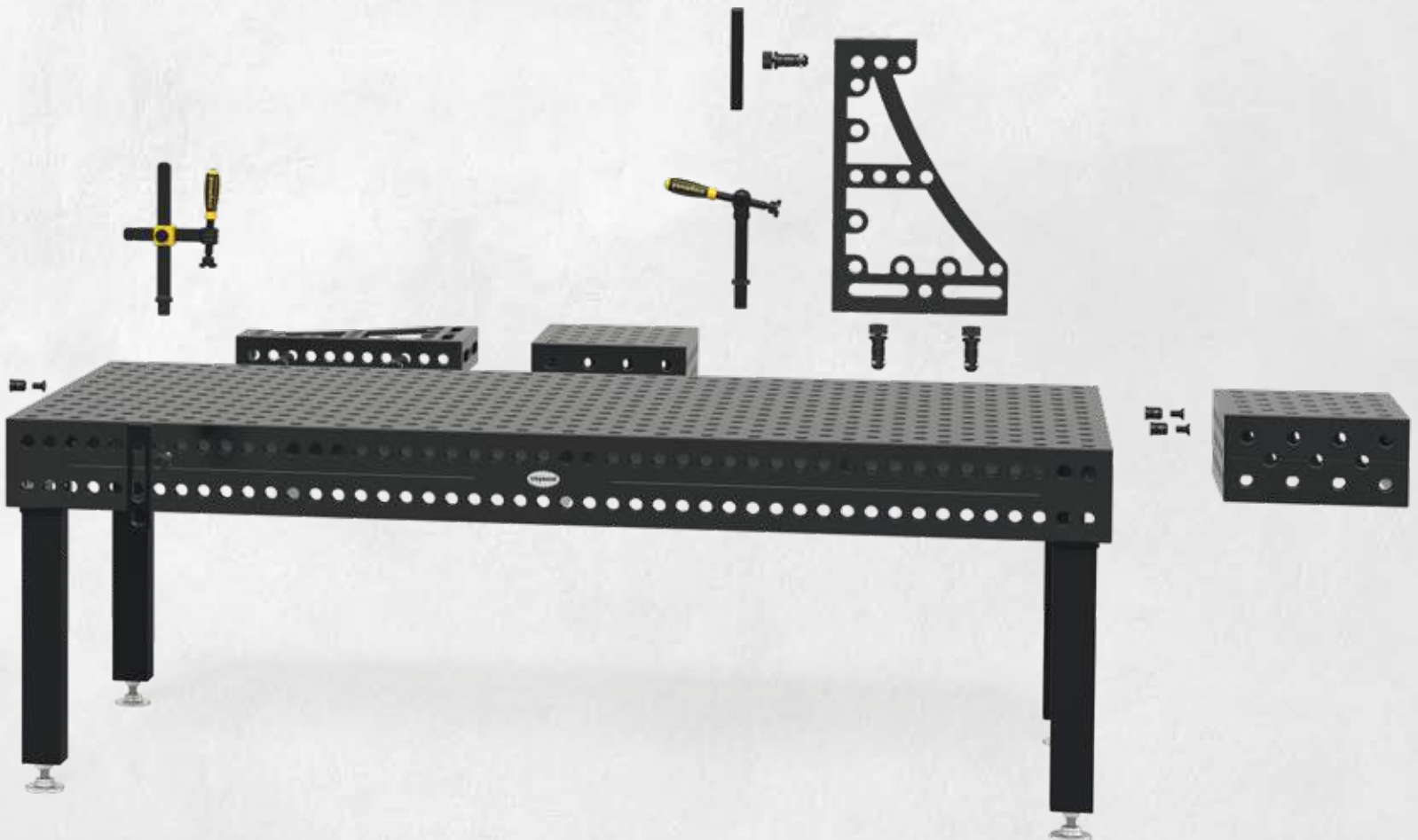
Supported by our welding- and clamping table systems you can accomplish the most complex and challenging applications immediately, since they are based on a sophisticated and flexible modular construction system. It consists of a combination of system boreholes and compatible clamping elements.

Choose from around 10,000 table styles

Our welding- and clamping tables are available in three basic styles of boreholes - 16 mm (System 16), 22 mm (System 22) and 28 mm (System 28). Based on these basic versions, you can choose from a large selection of different measurements, table legs and materials.

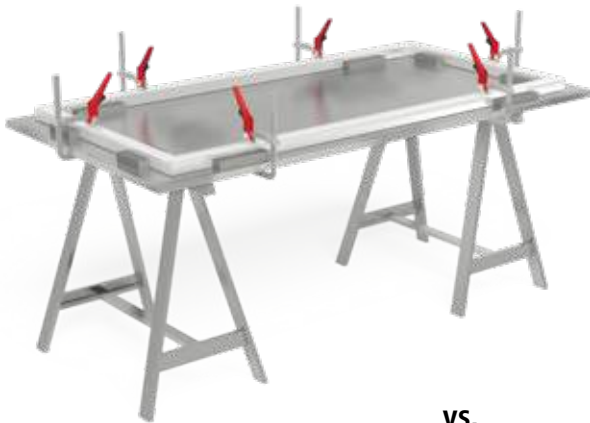
Consequently you can choose from our standard program, depending on individual wishes and work requirements. You can freely assemble around 10,000 table styles, without consideration of special sizes.

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.



VS.



YOUR ADVANTAGE WITH A SIEGMUND WELDING AND CLAMPING TABLE:

- + Short set-up time / Time efficient
- + 100% repeatability
- + High load capacity
- + Fast response to changes
- + Easy clamping in every spot
- + Same basis for every project
- + No welding distortion
- + Significantly less rework
- + Low error rate



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.

24,000 \$

that equals

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
- + our complimentary flyers with special offers and news about our products. The flyer is published 5 times a year in 30 languages, with an edition of 180,000.
- + 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 30 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 Oberottmarshausen 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.





As of August 2018

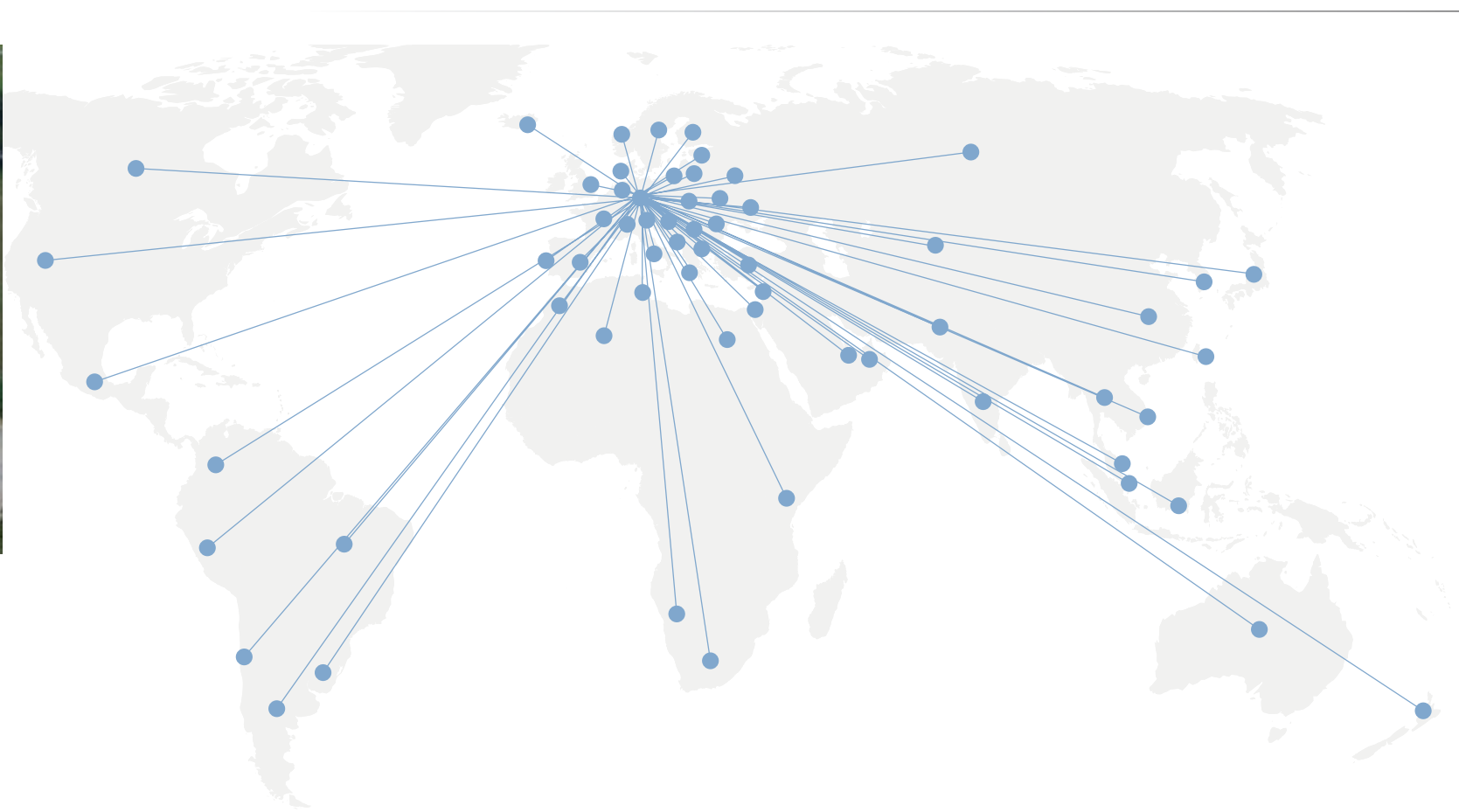
Our aim: contemporary availability

IN ADDITION TO OUR ALREADY EXISTING LOGISTICS AND PRODUCTION SITES, A NEW COMPANY LOCATION HAS BEEN BUILT IN OBEROTTMARSHAUSEN.

For many years, Bernd Siegmund GmbH has successfully produced and distributed welding and clamping systems worldwide. As the world's number 1 for these products we have more than 60.000 m² of available space for production and storage of our full range of products in our new facilities at Oberottmarshausen and Skawina.

At the new headquarters in Oberottmarshausen (about 5 km from Großaitingen), a new company location with a storage area of 18.000 m² has been built. Having a massively increased storage capacity we are able to reduce delivery times worldwide and share our prestige location with other brands such as Amazon, BMW, Aldi and Lidl.





We are a global supplier

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

In more than 50 countries, industrial plants and their operatives, depend on a daily basis the reliability of Siegmund products.

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

* In these countries Siegmund exhibited at fairs in 2017/2018.



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.

Convince yourself of the quality of our products and visit us on our exhibition booth.

We are looking forward to a personal meeting with you.



Check out the video from the exhibition welding and cutting 2017 and see our Bavarian lion!

www.siegmund.com/Vschwessenundschneiden



You can find us at about 40 trade shows worldwide! Please find the trade show calendar at:

www.siegmund.com/Vexhibition-info





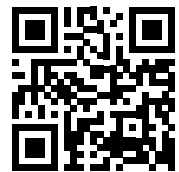
32 languages – always up-to-date with just one click

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 32 languages in this catalog as well as on the World Wide Web.

Visit our homepage to discover the full product range plus many application videos and special offers.

Items can be ordered with just one click 24 hours a day.



YOU CAN WORK WITH WWW.SIEGMUND.COM

www.siegmund.com

On 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



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.

SIEGMUND WORKSTATION

With the new Siegmund Workstation you create your perfect workplace in a modular system. The Siegmund Workstation can be adapted and expanded to fit your individual needs. Whether sawing, drilling or welding – the absolute all-rounder in every workshop!



SUB TABLE BOX

Our recommendation for every Siegmund welding table: Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

SIEGMUND PREMIUM LIGHT

For clamping your workpieces, we now offer lighter weight products that have less impact on the maximum load and are easier to handle.



TABLE PRESS

The table press is used to straighten deformed steel products.

FAST CLAMPING BOLT WITH HANDLE

With the Fast Clamping Bolt with handle, components can be clamped quickly and easily without any additional tools.



SUPPORT HEIGHT ADJUSTABLE

The height adjustable Support with scale offers a solid support surface and can be used in all system bore holes.

»» Thanks to the intelligent concept of the Siegmund Workstation all your tools are always within reach at your workplace. This creates an overview and order and offers you enough space for your accessories.



In the category of „Production Technology“ our workstation was awarded **BEST OF** the **INDUSTRIEPREIS 2018**.



Dimensions Workstation (L x W x H): 1200 x 800 x 850 mm
Weight Workstation without castors or drawers: approx. 139 kg



PERFORATED PLATE (1200 x 800 mm)

MATERIALS

- Tool Steel
- Tool Steel + Plasma nitration
- Tool Steel Premium Light
- Tool Steel Premium Light + Plasma nitration
- Premium Steel S355J2+N
- Premium Steel S355J2+N + Plasma nitration
- Stainless Steel
- Stainless Steel Light



DIRT PROTECTION

Two sheets below the table plate protect your tools from weld spatter and dirt. For cleaning, you can pull out both sheets like drawers.



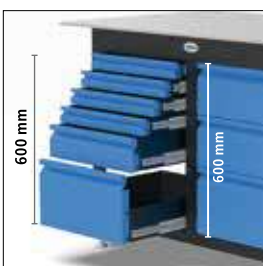
LEGS

The combined leg and optional castor give mobility to the Siegmund Workstation. Base plates have fine adjustment to enable a precise work surface. (Caster optional)



BEARING LOAD

The Siegmund workstation with base plate bears a total weight of approx. 1.000 kg. Please note when using the casters, the load capacity is reduced to approx. 400 kg.



SUFFICIENT STORAGE

The Siegmund Workstation features defined storage for tooling and accessories that can be shelved for easy reach. You can custom, build or retrofit your workstation with drawers at various heights to increase storage capability. Here you will find space for any type of tool. Upgrading is possible at any time.

600 mm space for drawers on the left and on the right side.

>Create storage space below your welding table with the handy Sub Table Box by Siegmund.



Dimensions ST Box (L x W x H): 630 x 510 x 420 mm
Weight ST Box without drawers: approx. 36 kg

>Your tools always at hand



SYSTEM 28 BASIC



SYSTEM 22



SYSTEM 16



SYSTEM 28



SYSTEM 16 BASIC



ORGANISATION AND STORAGE SPACE

Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

360 mm space for drawers



LOAD CAPACITY

The ST Box has a total maximum load capacity of approx. 100 kg. Each drawer carries a maximum load of approx. 50 kg.



WELL PROTECTED

The totally enclosed design protects the drawer contents from dirt and weld spatters.



MOUNTING

Regardless of table size and ribbing, the ST Box can be attached to every Siegmund welding table.

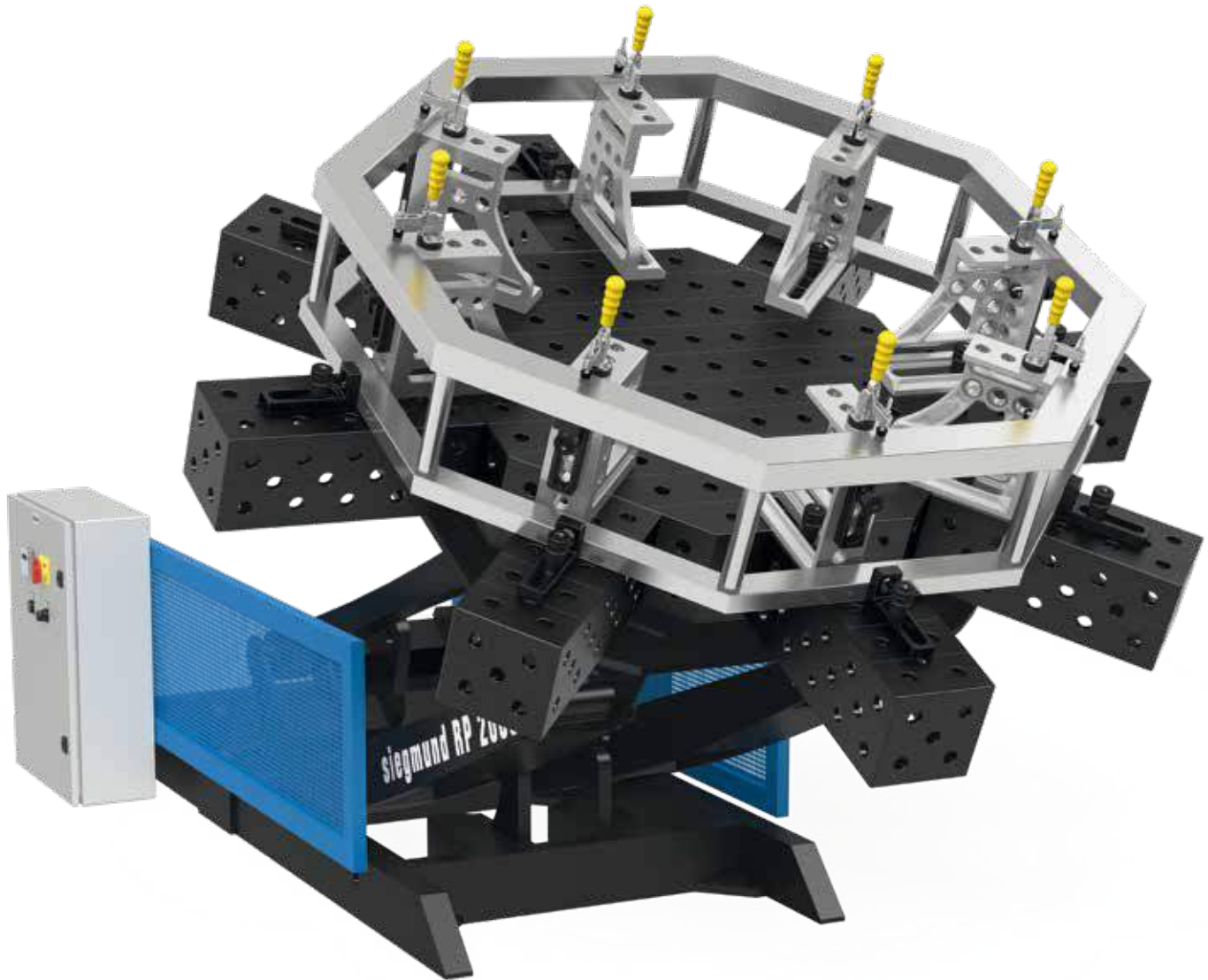


INSTALLATION

Self assembly instructions are provided and you can easily attach the assembled ST Box to your welding table.



Thanks to the much harder but thinner material in Siegmund Premium Light, you can save up to 40% of weight compared to conventionally used material.



THE NEW PREMIUM LIGHT SERIES

For clamping your workpieces, we now offer lighter weight products that have less impact on the maximum load and are easier to handle.

Despite the thinner material thickness there is no loss of quality! We have developed a Light version of our proven special alloy Professional Extreme X8.7, which is used here. This will give you all the benefits of Professional Extreme 8.7.

Due to their low weight you can work more efficiently, especially when used in combination with positioners or robotic cells.



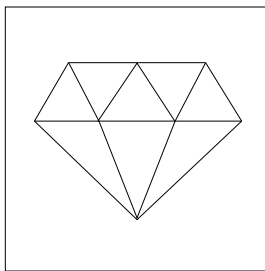
CHARACTERISTICS

Hardened tool steel X8.7,
plasma nitrided and BAR-coated
Basic hardness approx. 280 – 340 Vickers
Surface hardness approx. 450 – 850 Vickers

Borehole Ø 28 mm
100x100 mm grid
Material thickness 15 mm

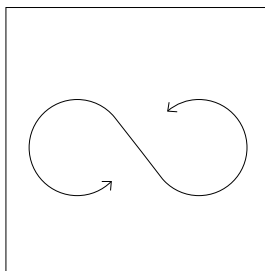
IMPACT-PROOF

High impact resistance due to through
hardened tool steel.



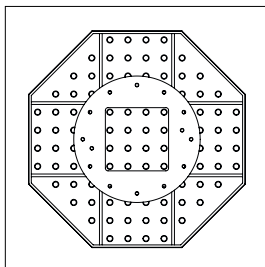
SCRATCH-PROOF & CORROSION PROTECTION

The plasma nitriding and subsequent BAR-coating protect
against scratches, corrosion and welding spatter.



LIFE SPAN

Improved durability due to our special alloy
Professional Extreme X8.7.



ADAPTER PLATE OCTAGONAL TABLES

Special adaptor plates are available on request. Due to customisation
weights will vary and surcharges will apply. Foot plates or adapter plates
are not included as standard in the octagonal tables.



With the Fast Clamping Bolt with handle, components can be clamped quickly and easily without any additional tools.



FAST CLAMPING BOLT WITH HANDLE



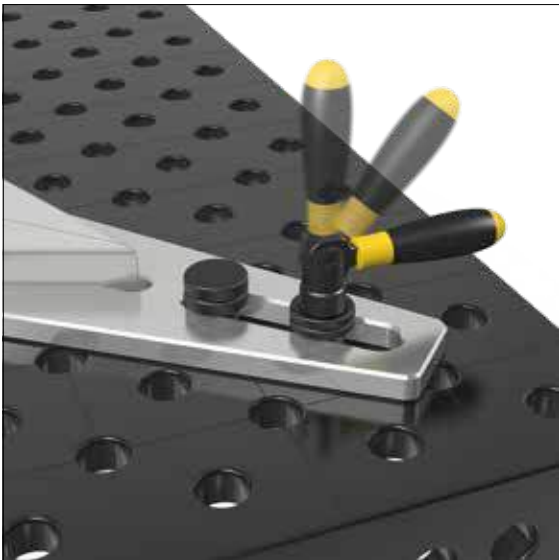
VARIABLE CLAMPING STROKE


The clamping stroke can be regulated with the adjusting nut in the range from 33 to 60 mm.

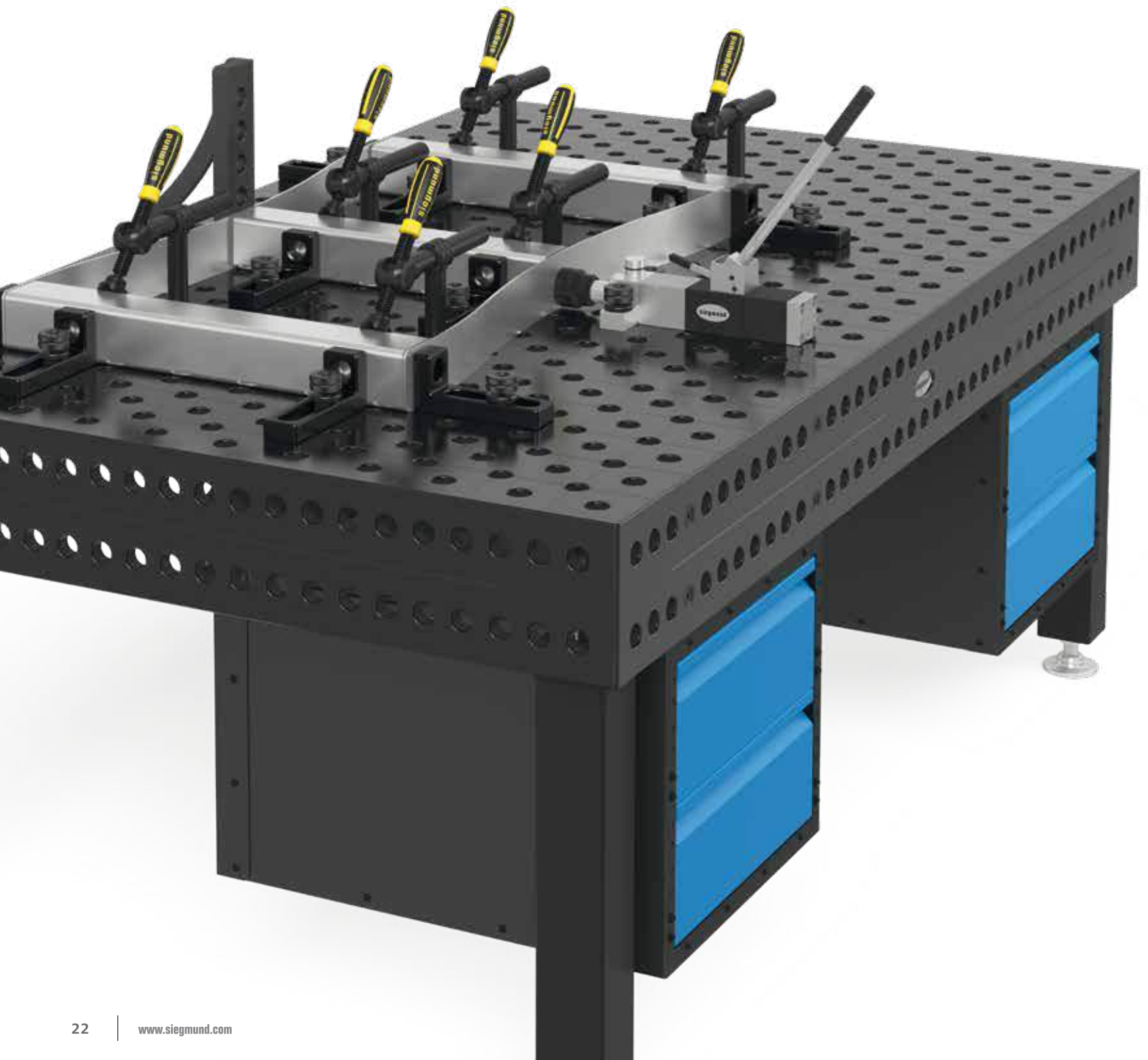


CUSTOMIZED

Ideal for use with custom-built components.

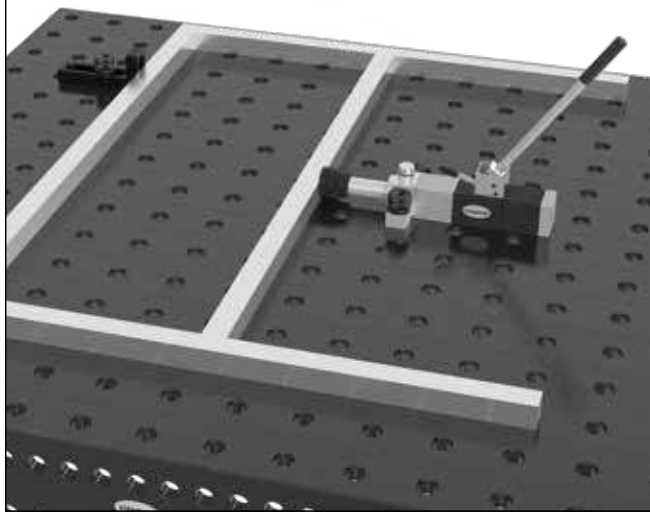


 *Straighten deformed steel products or remove unwanted unevenness or tension in the material effortlessly with Siegmund's new table press.*



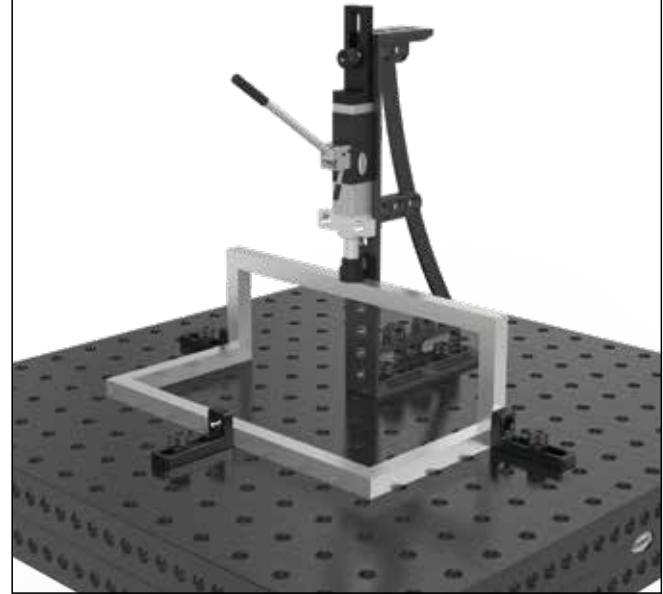
HIGH PRESSING FORCE

Pressing force 2.5 tons with an operating force of approx. 330 N.



WORKING IN VERTICAL POSITION

With the help of the integrated bolt, the table press can be attached to the square and additionally fixed with a stop from above.



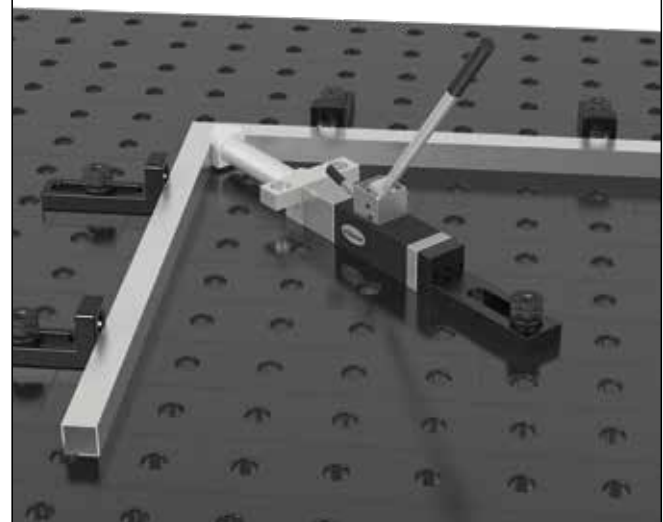
BENDING PIPES

With a Pipe Bending Plug, pipes up to $\varnothing 45$ mm can be bent or straightened. Proper handling and several bending processes will lead to a clean result without any marks.



WORKING IN CORNERS

Corners can be pressed with an aluminum tip without damaging the inner weldseam.



To simplify your everyday work processes,
we are working on new accessories every day.

NITRATION

many clamping devices are now also
available nitrided

RADIUSES

on Stops and Squares

OPTIMIZED

small adjustments for more stability

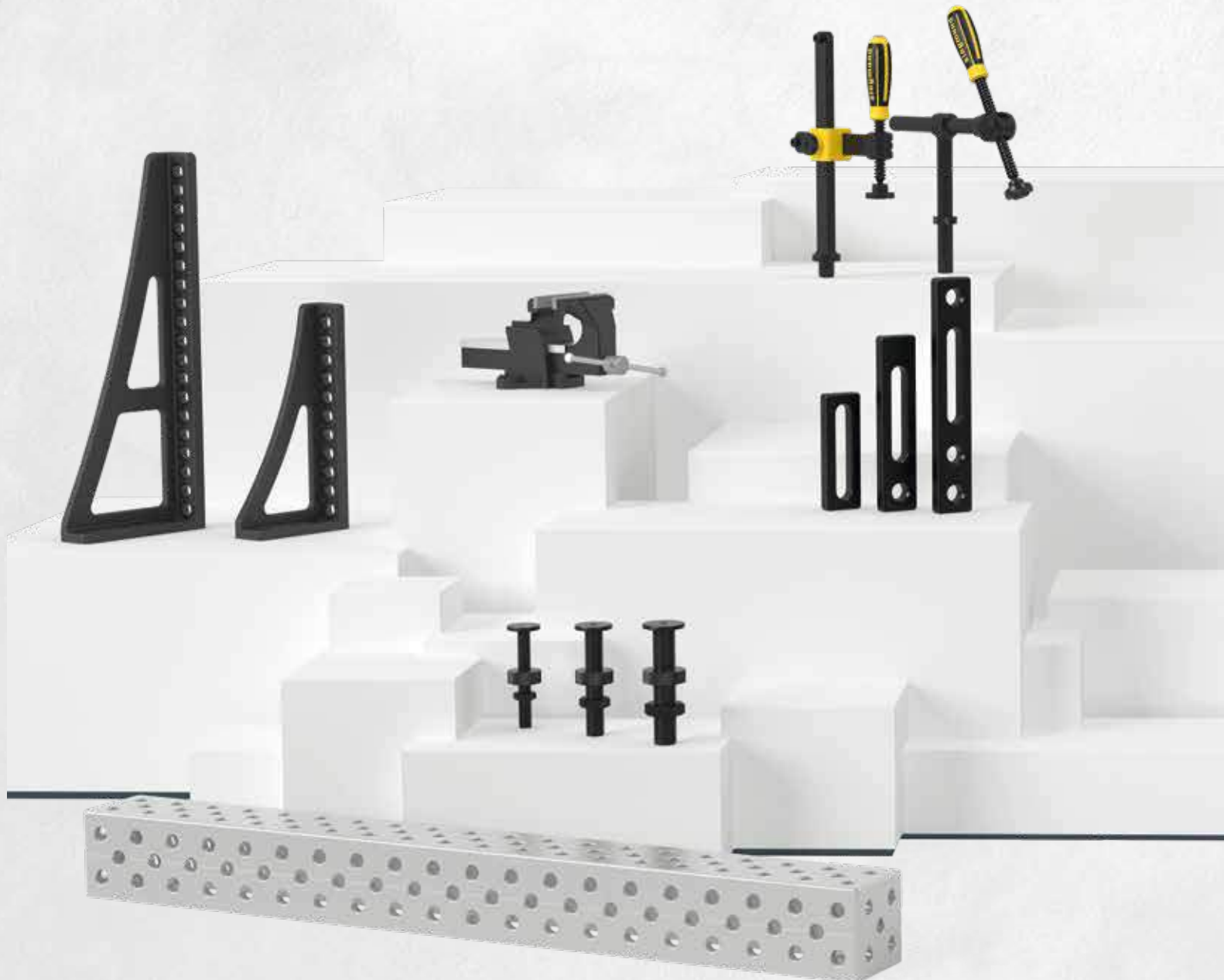


Illustration shows a selection of updated products.

SYSTEM 22

many new clamping tools

CONNECTING ELEMENTS

cross-system clamping

ALUMINUM-TITANIUM

Aluminum-Titanium U-Square for new clamping options



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!





2012
reddot design award

Rewarded products:

Fast Clamping Bolt
T-Slot Table
Stop and Clamping Square 800 Aluminum-Titanium
Stop and Clamping Square 1200 Aluminum-Titanium



2013
International Design Excellence Awards

Rewarded products:

Professional Extreme
Stop and Clamping Square 800 Aluminum-Titanium



2013
iF product design award

Rewarded products:

Universal Bolt
Stop and Clamping Square 600 GK Plasma nitrided
Stop and Clamping Square 800 GK Plasma nitrided



2013
reddot design award

Rewarded products:

Professional Extreme



2014
German Design Award Special Mention

Rewarded products:

Fast Clamping Bolt



2018
Industriepreis „BEST OF“

Rewarded products:

Siegmund Workstation

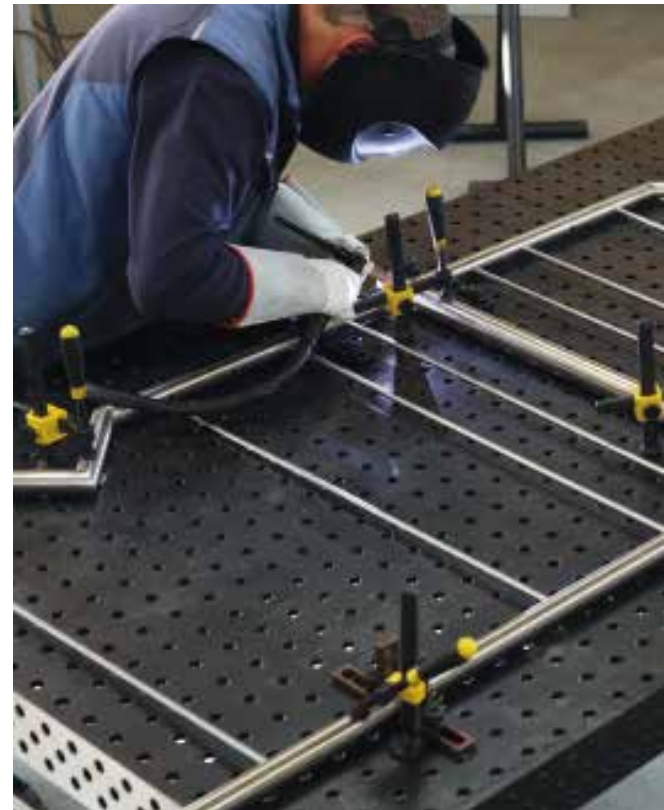
Tooling and Accessories for every project

We offer a complete and perfectly balanced range of products for every application. Due to a sophisticated modular system with a large variety of compatible clamping system accessories, it is possible to quickly realise complex and combined applications.

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!





100%
PERFORMANCE.
EVERY DAY.





JORDI SCHLOSSEREI, AARBURG (CH)

Since 1995, Jordi Schlosserei-Metallbau AG has been creating, planning and designing various elements needed for home construction. To accomplish this, metal is combined and processed with other materials. The Siegmond welding table offers an excellent basis for these various fields of activity.

In our practical example you will see the production of a balcony for an apartment house. In order to be able to work as fast and effective as possible, the individual components of the railing are fastened on the welding table with stops and clamps and welded together.





T. T. ROZSDAMENTES, BUDAPEST (HU)

Founded in 1996, the company T. T. Rozsdamentes, based in Hungary, produces equipment for industrial kitchens and hospitals as well as parts for the automotive industry, such as a logo for the sales shops of a well-known car brand.

Before T. T. Rozsdamentes worked with Professional Extreme welding tables, the production of the logos took much longer, since the metal often was bent due to the accruing heat during the welding process and required time-consuming rework. The Siegmund welding table prevents bending during the welding process and ensures a high quality and refined end product.





NORTON MOTORCYCLES, DERBY (UK)

Norton Motorcycles, based in the United Kingdom, draws on more than 100 years of experience in the field of motorcycle engineering and impresses the professional racing scene as well as ambitious hobby riders with its unique design. Every task, from research and development to the manufacturing, construction, testing and shipping of motorcycles is performed at the Norton Hastings House plant.

To ensure the high quality and stability of the motorcycle frame, Norton works with Professional Extreme welding tables manufactured by Siegmund. The pictures show how parts of the frame can be fixed on the welding table and welded precisely by using clamps and squares of different heights.



SCHLOSSEREI MOOSBRUGGER GMBH, AU (AT)

The metalworking shop Moosbrugger GmbH, a family run company since 1995, manufactures a variety of assemblies for steel and crane construction as well as various locksmith work. Moosbrugger GmbH relies on the flexibility and high quality of Siegmund welding tables for these numerous projects.

In this practical example, you see the production of a raised garden bed. In this project, special emphasis is placed on the durability of the materials used and the accuracy of production. The Siegmund welding table provides the perfect working basis for these requirements. By using high squares, the individual parts can be mounted quickly and flexibly on the Professional Extreme welding table and welded with great accuracy.





W. NUSSER GMBH, SCHWABMUENCHEN (DE)

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.





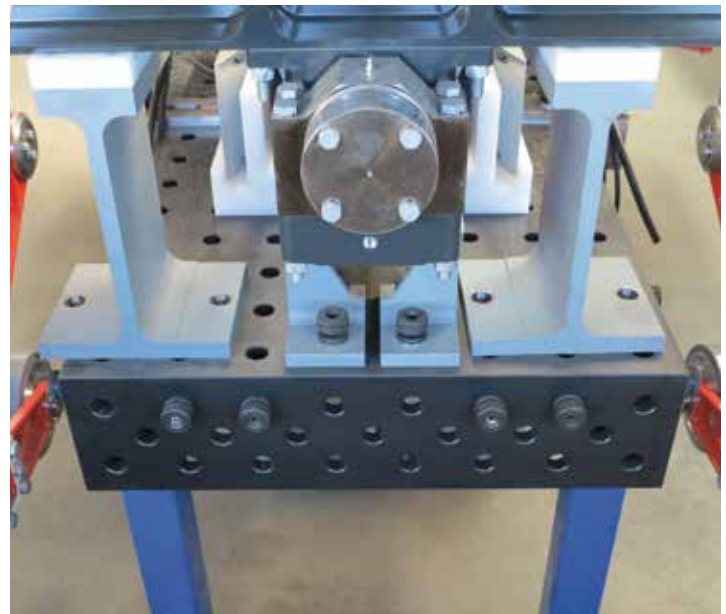
SIEMENS AG, MUENCHEN (DE)

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.





MAURER SOEHNE GMBH & CO. KG, MUENCHEN (DE)

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.

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.

NOBISKRUG GMBH, RENDSBURG (DE)

Working on six Siegmund tables, boatyards need up to 5,600 m of piping to build a single luxury yacht.

Precise installation of the pipe systems requires minimum production tolerance.

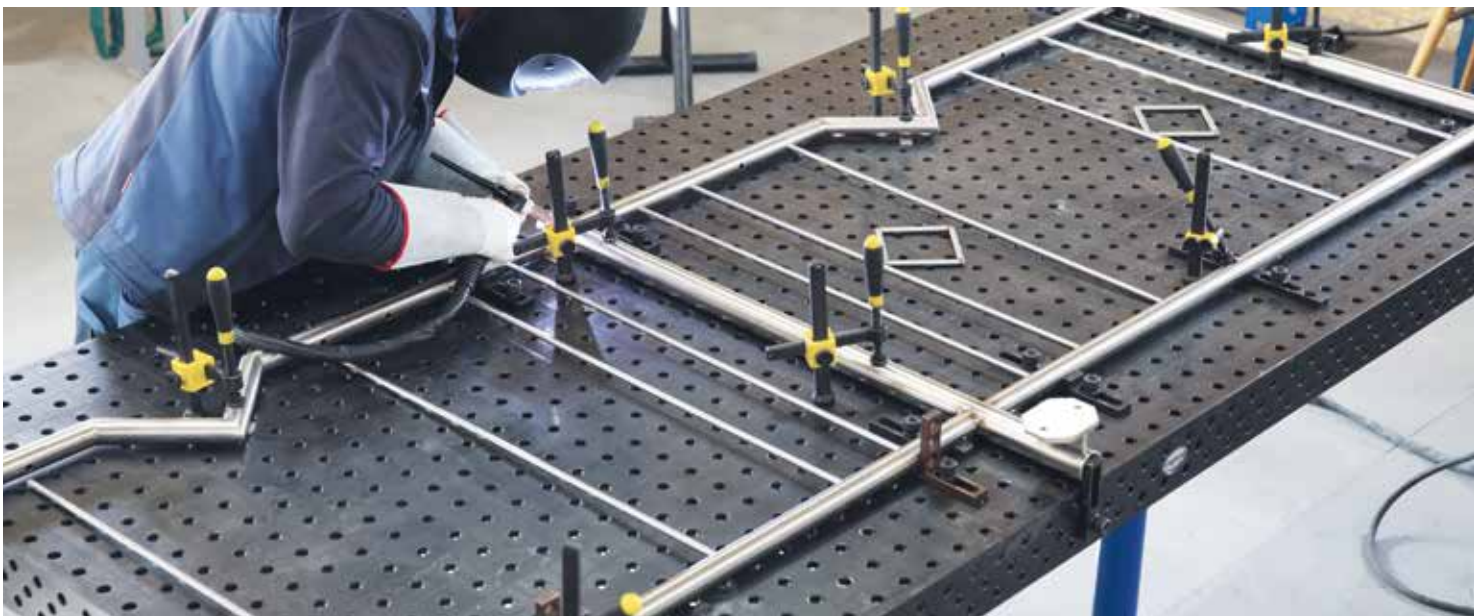




JUERGEN HACKINGER, WALDKIRCHEN (DE)

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.





MATTHAEUS SCHMID, BALTRINGEN (DE)

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.





HERZ ENERGIETECHNIK GMBH, PINKAFELD (AT)

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.



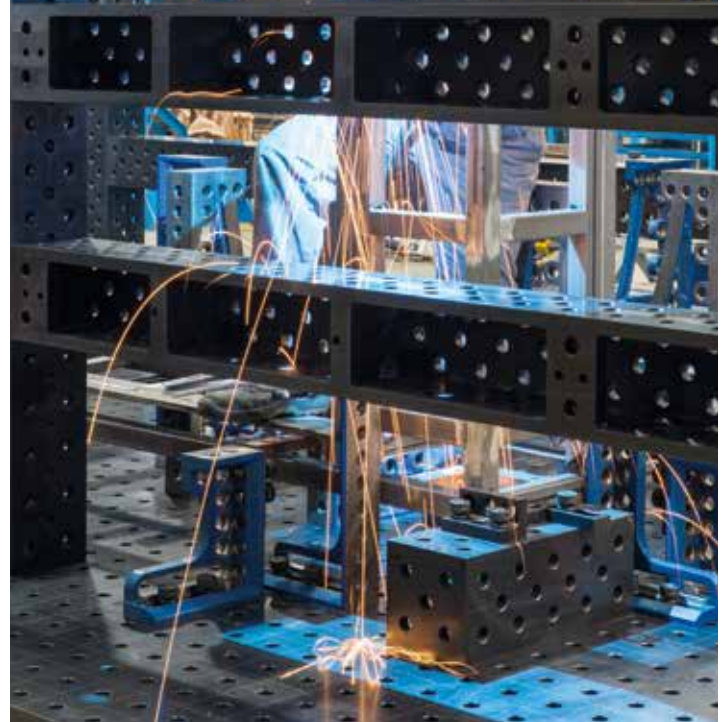


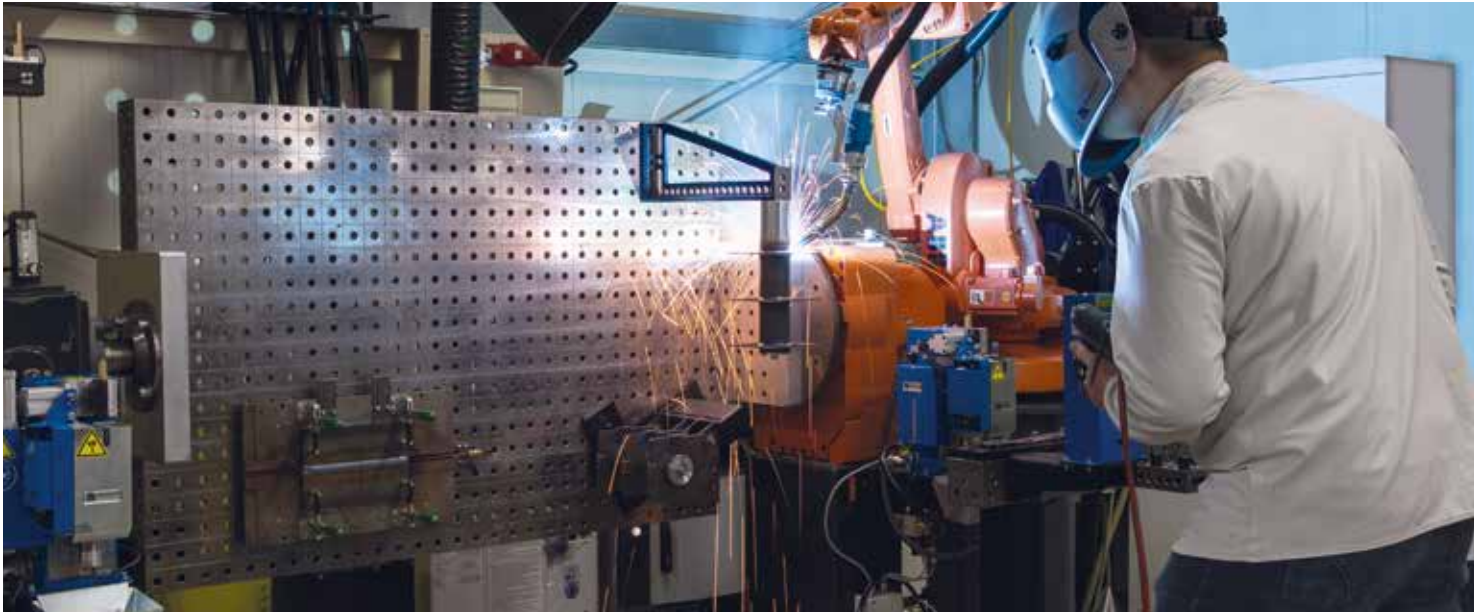
MAN, POLAND (PL)

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.

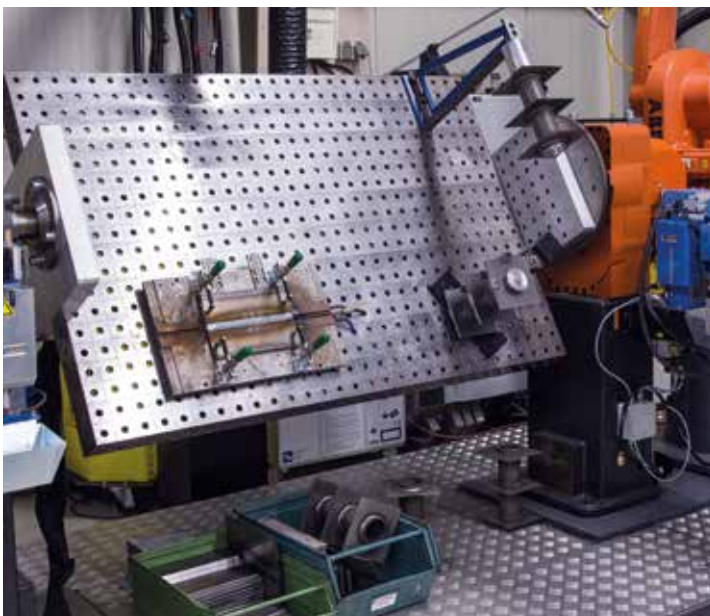
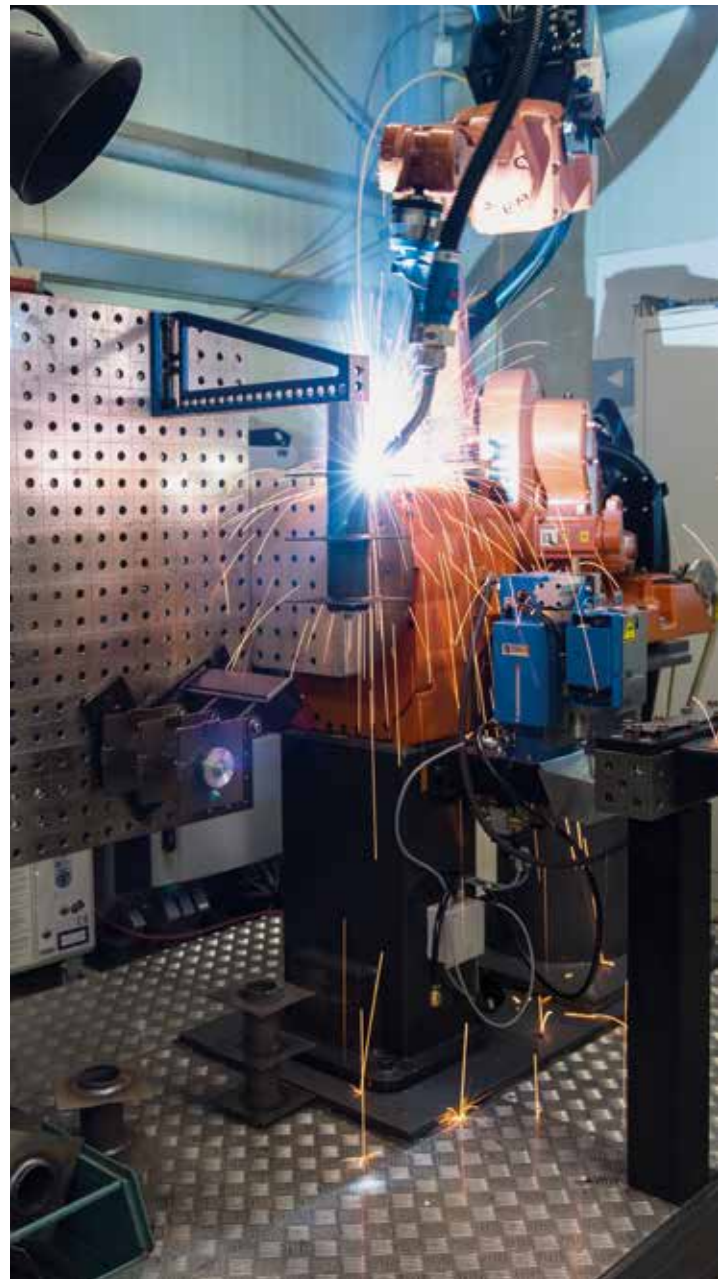




TBI INDUSTRIES GMBH, FERNWALD-STEINBACH (DE)

TBi Industries GmbH is a German quality manufacturer of welding equipment specializing in the development and production of welding torches. A special focus is on the welding burner technology and cleaning equipment for robot welding. At the in-house application and technology center, Siegmund welding tables are used for test welding.

On the pictures you can see a test run with a welding robot. The table top was attached to a manipulator using an adapter plate and offers thanks to the precise surface even in an inclined position exact working surface for welding work.





RICHTER LIGHTING TECHNOLOGIES, HEUBACH (DE)

Richter Lighting Technologies GmbH has been an experienced developer and manufacturer of lighting and architectural concepts since 1994. It is especially important for Richter to deliver efficient, professional as well as cost-effective and easy-to-use products to their customers.

In this practical example, you can see the installation of a special luminaire and an acoustic panel. Electrically conductive graphite brushes (self-made) are fastened on the Siegmund welding table. They are especially made for the purpose of preventing an electrostatic charge during production. Additionally the brushes allow easy movement of the individual parts and prevent damage to the acrylic glass and profiles. The parallel hole pattern of the Siegmund welding table guarantees an uniform arrangement of the brushes.





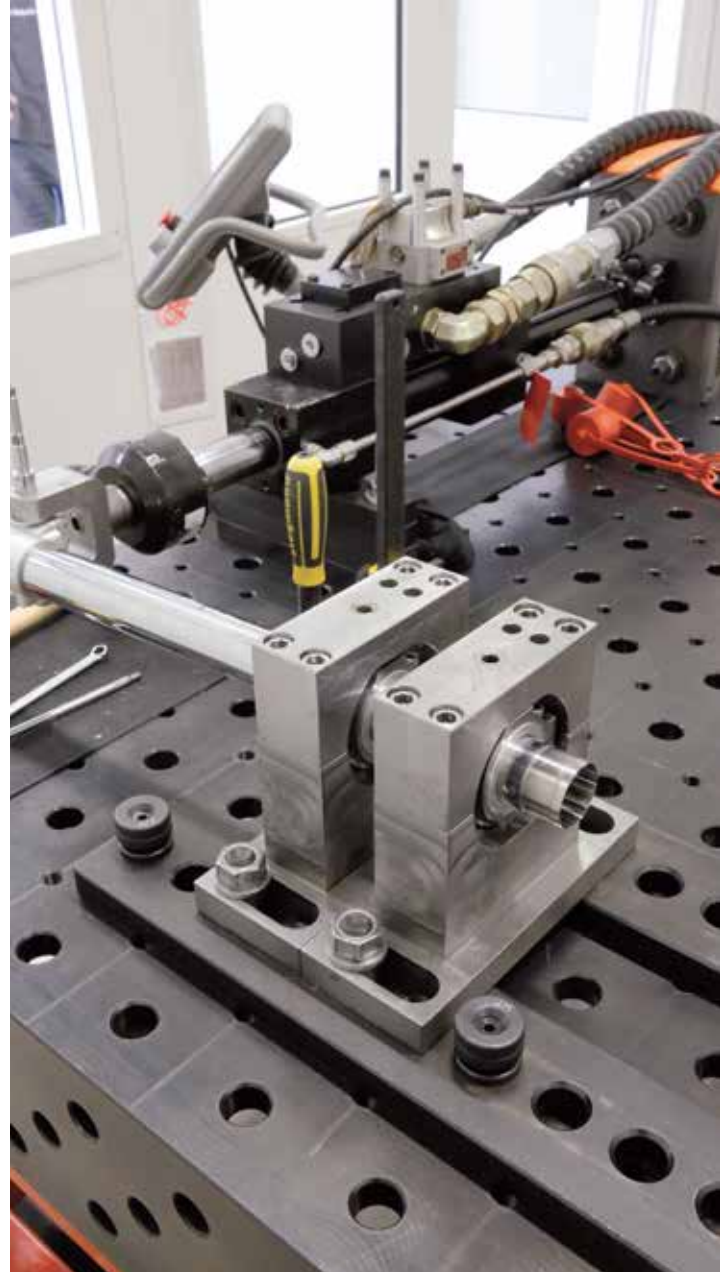
MARKTHALER GMBH & CO. KG, KAUFBEUREN (DE)

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.





WP PERFORMANCE SYSTEMS GMBH, MUNDERFING (AT)

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.



"STACKER" COMPANY, MOSCOW (RU)

"Stacker" produces a full line of portable and stationary conveyors and also carries out projects of loading and unloading terminals and ports. The most modern equipment enables a high production capacity and products of the highest quality. The Stacker company is the only producer of world-class telescopic conveyors in Russia.





SEMET MASCHINENBAU GMBH & CO. KG, BRACKENHEIM (DE)

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.





ETA HEIZTECHNIK GMBH, HOFKIRCHEN (AT)

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.



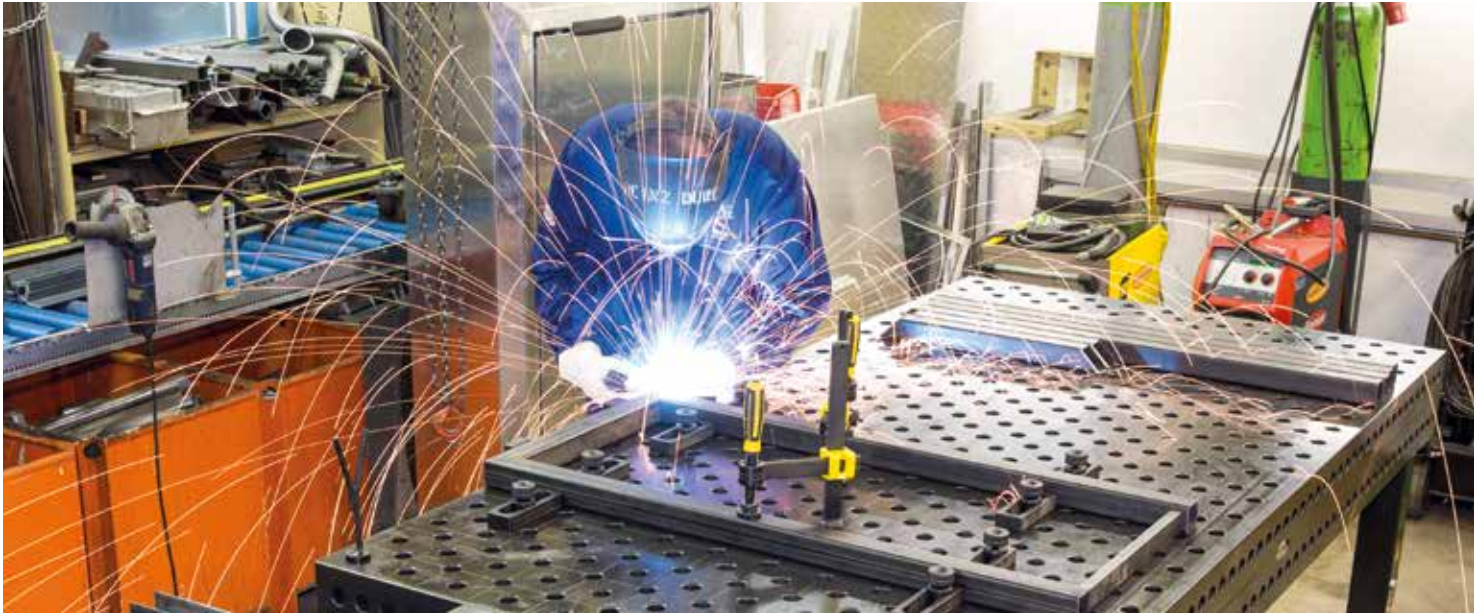


VOITH TURBO, KIEL (DE)

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.





HEINZ DUWE, MASTER LOCKSMITH, GOETZIS (AT)

Since 2008, the one-man operation of Heinz Duwe is specialized in the production of small parts and small series of various steels and metals. In his workshop locksmith and welding master Duwe has been relying on the quality of Siegmund for many years. Due to the flexible welding and clamping table system the table can be adapted to different requirements with just a few steps and easily converted or extended anytime with squares.

You see the production of a shelf construction as well as a custom-built model of an additional luggage compartment for a pick-up.





AGRIKON KAM KFT, KISKUNMAJSA (HU)

Since 1993 Agrikon Kam Kft. manufactures driver's cabins for construction machinery, tractors and automotive utility vehicles. For welding the individual components of a cabin together, Agrikon Kam Kft. counts on the quality and reliability of Siegmund welding and clamping tables.

In this series of pictures you can see the assembly of templates for the production of crane cabins. The fine adjustable clamps and squares allow a precise clamping and welding of the templates without bending. In case of necessary altering of the template, a changeover of the setting would be possible within a short time, thanks to the flexibly applicable accessories.





STERN EDELSTAHL, GEIERSTHAL (DE)

The company "Stern Edelstahl GmbH", based in Germany, draws on the experience of many generations and offers a competent service in the areas of pipeline construction, plant construction, water and sewage technology as well as sheet metal processing. In order to consistently offer their customers the highest quality and reliability, Stern Edelstahl manufactures its products on Siegmund welding tables and the new Siegmund Workstation.

We had the chance to see first-hand, how sheet metal assemblies and pipe parts were produced on Professional Extreme welding tables. Thanks to the short tool changeover time and high precision, "Stern Edelstahl" is able to produce competitively on Siegmund welding tables and offer their customers high quality products.





METAL CONSTRUCTION BOEHM GMBH, EICHSTAETT (DE)

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.



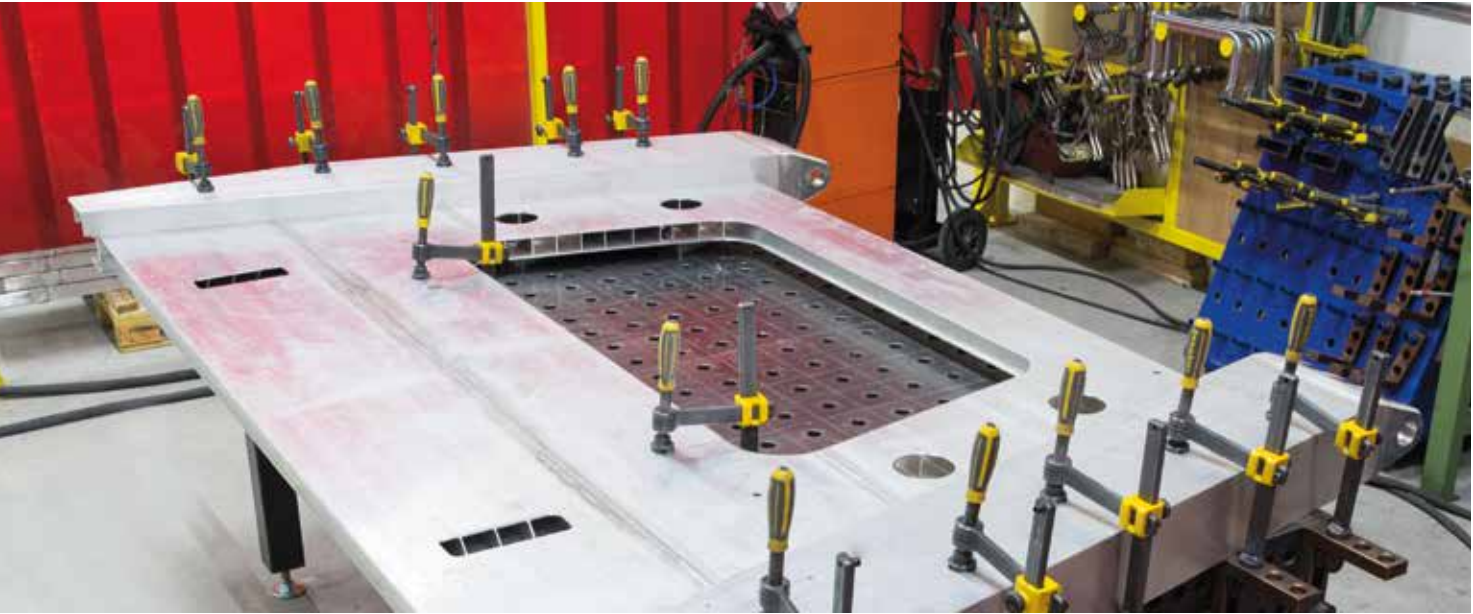


GROB-WERKE GMBH & CO. KG, MINDELHEIM (DE)

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.





STADLER BUSSNANG AG, BUSSNANG (CH)

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.



GREUB, LOTZWIL (CH)

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%.





BHDT GMBH, HOENIGSBERG (AT)

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.





KUHN-GELDROPP BV, GELDROPP (NL)

Kuhn-Geldrop BV has been part of the international KUHN Group since February 2009, which sells agricultural machinery and vehicles. The location in Geldrop is responsible for the development and production of baling presses and bale winding machines.

In our practical example you see the production of a part for a hay press. In order to get the largest possible work surface, two Siegmund welding tables were connected, facilitating smooth and precise clamping and welding of long components.



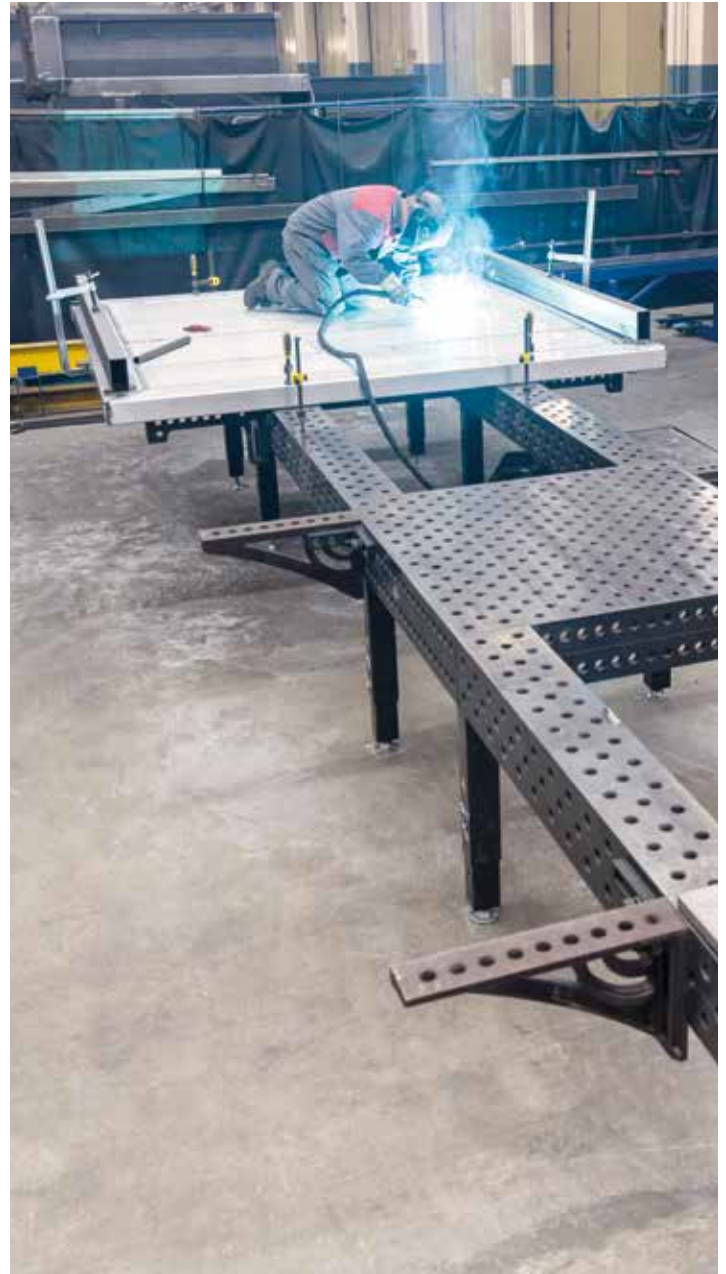


KALFÉM, HUNGARY (HU)

Since 1993 Kalfém manufactures individual solutions for shelf and cupboard systems in Hungary. Customers are, besides well-known gas stations, smaller companies and private individuals.

On the photos you can see the production of a tool cabinet frame. All production steps are carried out on a Siegmund welding table. Thanks to the short set-up times and high accuracy Kalfém is able to manufacture competitively while offering the highest quality to their customers.





KRAMPE VEHICLE CONSTRUCTION, COESFELD (DE)

As the German market leader for agricultural tippers, Krampe has been building trailers for over thirty years in Coesfeld, Westphalia. Krampe is specialized in the development and construction of tailor-made transport solutions for agriculture and forestry, the construction industry, waste management companies as well as municipalities.

In the pictures you can see the manufacturing of an aluminum tailgate for a semitrailer roll-belt wagon with a shield for unloading. The components are tacked and welded on Professional Extreme 8.7 Welding Tables.





MA METAL CONSTRUCTION, DIEBURG (DE)

From stairs, carports and patio enclosures, up to special constructions – the wide product range of MA Metal Construction in Dieburg, Germany, requires solid, reliable and precise work material.

We got the chance to see how a conveyor system for meat products was constructed on a Professional Extreme 8.7 welding table. Just the welding work took about 35 hours.





SCITEEX, WARSAW (PL)

Freely expandable - More work surface, more flexibility.

If you have large components requiring seamless and flat clamping, platform systems assembled with sheets or tables are an obvious solution already realized by many customers.

The quantity of follow-up orders for these systems reveal how well these solutions work in the field. Your great benefit in the end is to produce large components accurately and quickly.





METAL CONSTRUCTION KUENZLE, WEINFELDEN (CH)

As an expert metal construction company Kuenzle Metallbau AG is manufacturing various products around building for architects, building contractors and private individuals. Perfect planning and optimally equipped workspaces provide the basis for high flexibility and accuracy. With craftsmanship high quality products are being produced on Siegmund welding tables.

Our example shows the production of a balcony rail with profile for a glass wall. To work as efficiently and quickly as possible, stops and angles are fastened as a mounting frame on a Professional Extreme welding table matching to the size of the railing. Thus, the individual parts can be clamped and welded together by a few simple steps in a matter of seconds.





GETZNER TEXTIL AG, BLUDENZ (AT)

Getzner Textil, founded in 1818, is the leading manufacturer of high-quality African apparel damasks and is among the leading providers of fashion fabrics for shirts. Corporate fashion as well as technical fabrics round off the innovative product range. The innovative employees at Getzner Textil AG are one of the main reasons the company is able to maintain and expand its cutting edge in many business and product areas both from a strategic, as well as an operational perspective, even though things are constantly changing. In order to be able to adapt and expand areas in production quickly and independently, Getzner relies on the welding and clamping systems from Siegmund. You can see the production of a collision protection for a high-voltage cable as well as the production of a special table for dosing systems. After a welding process of approx. 9 to 10 hours, the special table is turned over and the containers (3x 1000 liter) for the textile production are attached.





BAX METAAL, BERGEIJK (NL)

For more than 25 years Bax Metaal in the Netherlands have demonstrated their know-how, quality and reliability in the manufacture of their custom made sheet metal fabrications and pipe construction in materials such as steel, stainless steel and aluminum. Each project is developed in partnership with the customer using Siegmund 3D models for an accurate design of the tooling and a reduction in the fabrication time for the welded assembly. Following precise planning and close liaison with the customer Bax Metaal will be confident that the Siegmund system provides the maximum efficiency and precision. Projects will be implemented with high accuracy and the short change-over times offer an effective and economical solution for every project.







STERN EDELSTAHL, GEIERSTHAL (DE)

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NORWEST, PRAHOVA (RO)

The Romanian company Norwest manufactures customized sheet metal and pipe constructions made of different metals. In order to manufacture the various products efficiently and precisely, Norwest relies on the welding and clamping table systems from Siegmund.

In the pictures you get an insight into the production plant of Norwest. The product range extends from piping to metal constructions for production and storage halls to staircase constructions.





J&E MAIER AG, GOSSAU (CH)

Since 1926, the employees of the Swiss company J&E MAIER AG have been producing high-quality machines and systems for grain processing and process engineering for bulk materials of all kinds. Special attention is paid to solutions that can be individually adapted or manufactured for each customer.

In the pictures you can see the production of a frame on a Siegmund welding table. To significantly reduce production times, an assembly frame can be created using stops and squares and fixed on the Professional Extreme welding table. With a few simple steps, the individual parts of the frame can be flexibly clamped and processed.

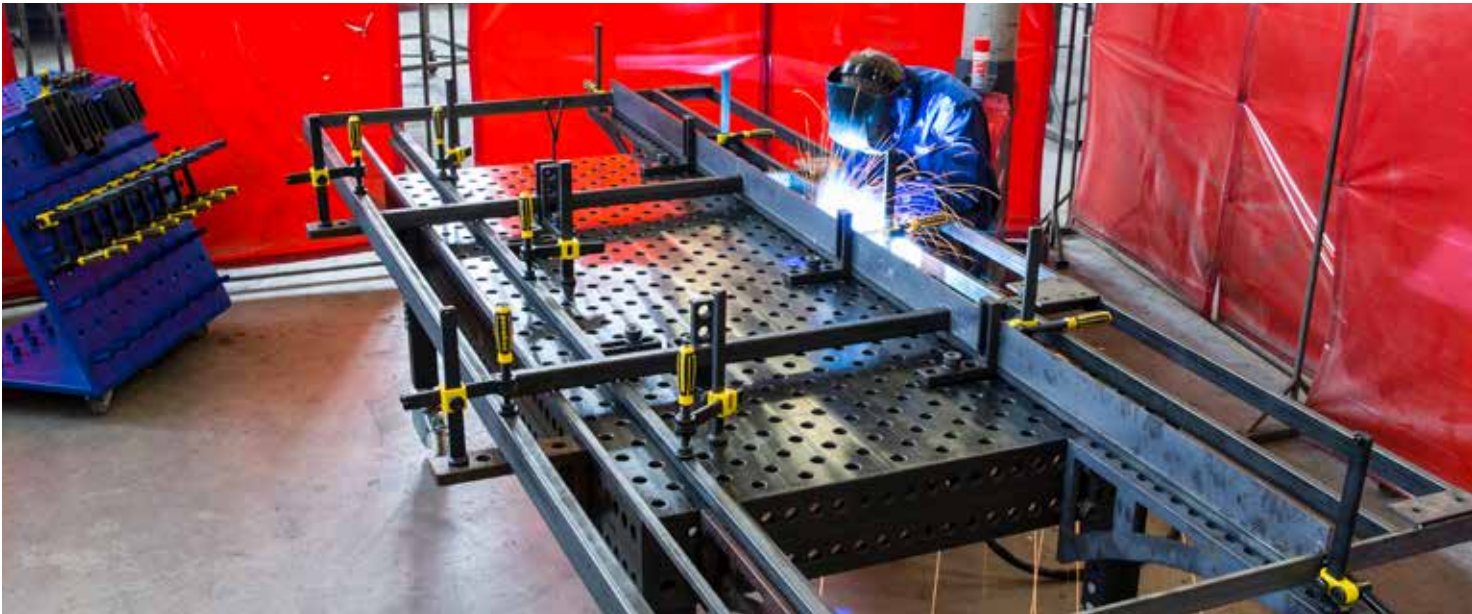




SIMEONI METALLBAU, ANDELSBUCH (AT)

The family business Simeoni Metallbau has been manufacturing high-quality metal construction solutions and individual residential properties for property developers, builders and architects since 1998. The Siegmund welding and clamping table systems provides a solid, reliable and accurate working material for Simeoni's wide range of products.

In the pictures you can see the production of a frame for a balcony railing. All parts are clamped, tacked and then welded on a Professional Extreme welding table with clamps and squares. The clever system provided by Siegmund enables quick and flexible retooling of the jig and is a time-saving solution for individual custom-made products as well as for series production.



The right work basis for every application –
Siegmund Systems at a glance



SYSTEM 28

If you want to realize various or mainly large projects, system 28 is ideal. Here, the legs standard equipment can be loaded with approx. 2.000 kg each. With the accessories you get solid clamping devices to hold even large, heavy applications in place.



SYSTEM 22

More and more customers are choosing system 22. It is more stable than system 16 and lighter than system 28.



SYSTEM 16

For simple applications with low weight up to max. approx. 1.000 kg per leg standard equipment, we recommend system 16. Thanks to the standard borehole spacing of 50 mm, you can easily clamp even small parts.



COMPATIBLE

Thanks to the sophisticated modular system of Siegmund, all systems can be connected by using connecting elements.

SYSTEM 28

FOR HEAVY DUTY APPLICATIONS

MATERIALS

Material thickness approx. 24,5 – 27 mm

PROFESSIONAL 750

Premium Steel S355J2+N, plasma nitrided and BAR-coated

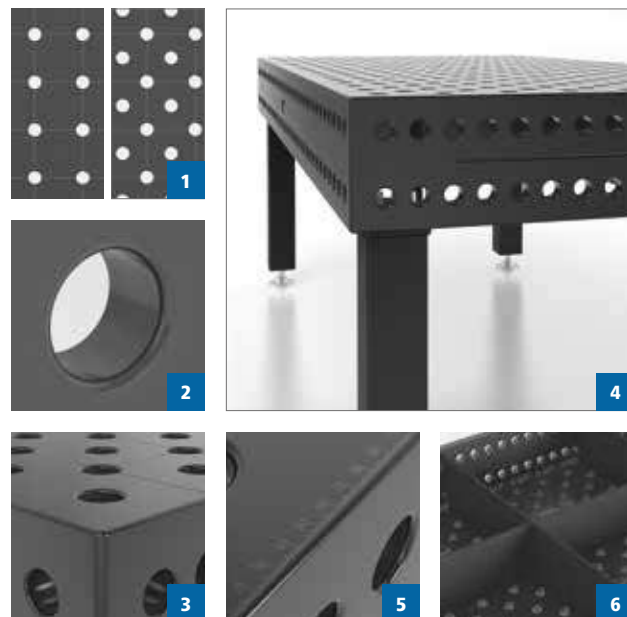
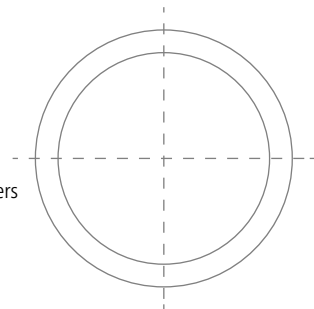
PROFESSIONAL EXTREME 8.7 / 8.8

Hardened tool steel X8.7 / X8.8, plasma nitrided and BAR-coated



BOREHOLE Ø 28 MM

1. Boreholes on the surface in diagonal grid or 100x100 mm grid
2. Boreholes with radius 3 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 200 mm
Borehole spacing of table side 50 mm
5. With scaling on the surface
6. Construction reinforced with ribbing



SYSTEM 22

MORE STABLE THAN SYSTEM 16,
MORE COST-EFFECTIVE THAN SYSTEM 28

MATERIAL

Material thickness approx. 17 – 19 mm

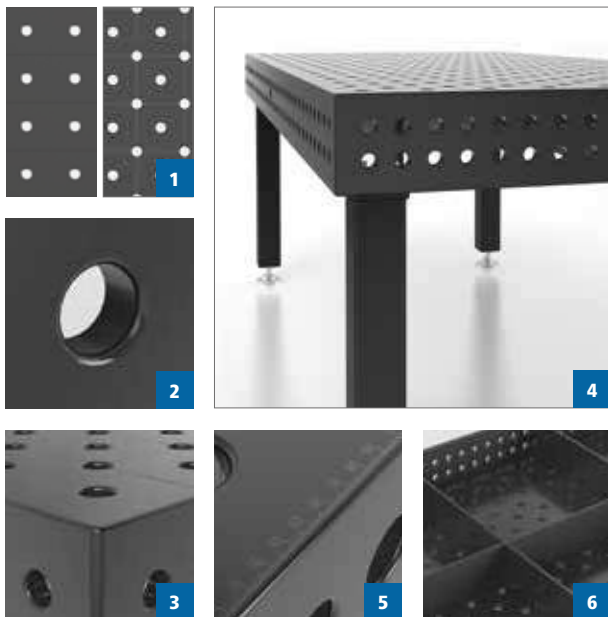
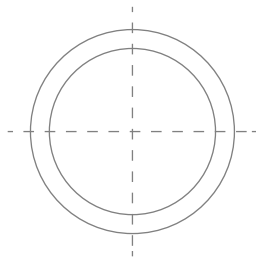


PROFESSIONAL 750

Premium Steel S355J2+N,
plasma nitrided and BAR-coated

BOREHOLE Ø 22 MM

1. Boreholes on the surface in diagonal grid or 100x100 mm grid
2. Boreholes with radius 2,5 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 150 mm
Borehole spacing of table side 50 mm
5. With scaling on the surface
6. Construction reinforced with ribbing



SYSTEM 16

FOR FINE DETAIL APPLICATIONS

MATERIALS

Material thickness approx. 11,5 – 13 mm



PROFESSIONAL 750

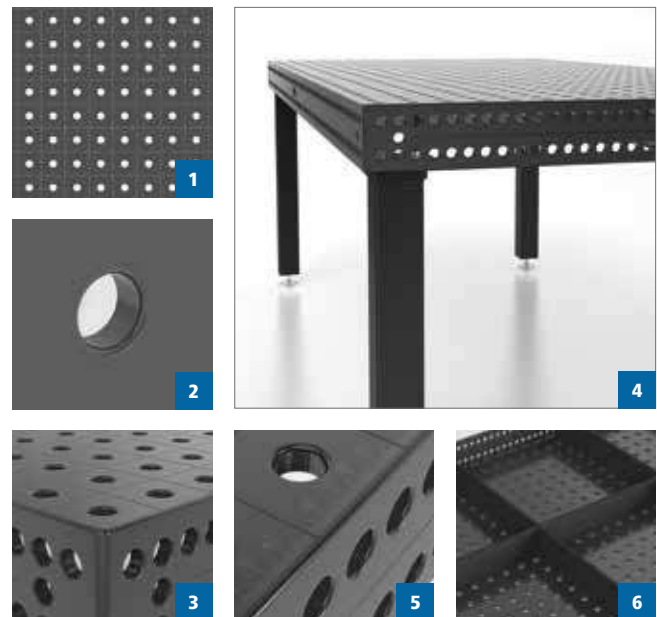
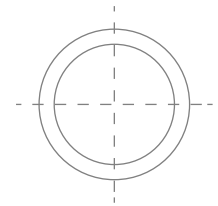
Premium Steel S355J2+N,
plasma nitrided and BAR-coated

PROFESSIONAL EXTREME 8.7

Hardened tool steel X8.7,
plasma nitrided and BAR-coated

BOREHOLE Ø 16 MM

1. Boreholes on the surface 50x50 mm grid
2. Boreholes with radius 2 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 100 mm
Borehole spacing of table side 25 mm
5. With scaling on the surface
6. Construction reinforced with ribbing



Siegmund - table fleet System 28

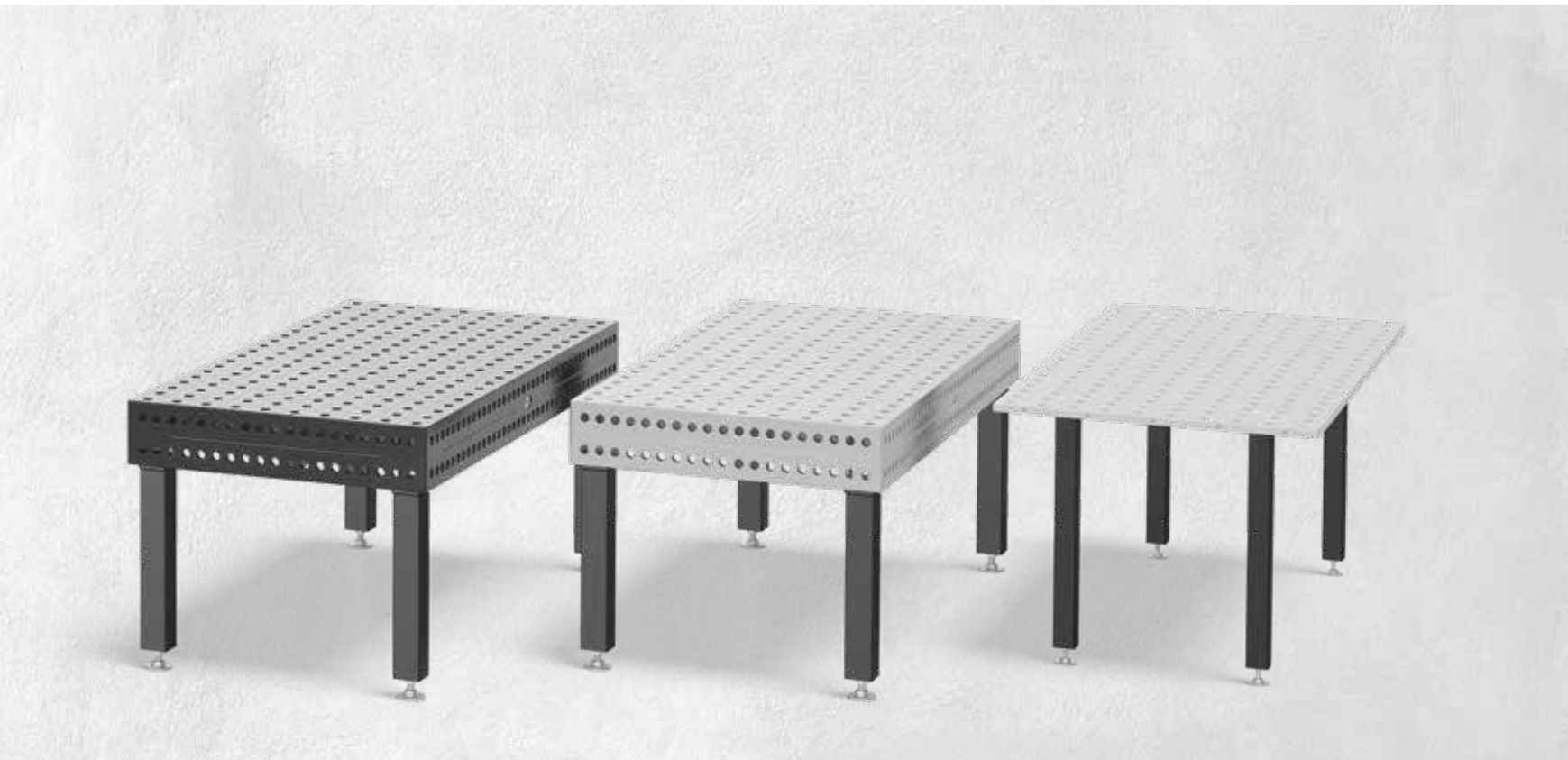


	T-SLOT TABLE	PROFESSIONAL EXTREME 8.8	PROFESSIONAL EXTREME 8.7
MATERIAL	Steel S355J2+N	Through-hardened tool steel out of special alloy Siegmund X8.8	Through-hardened tool steel out of special alloy Siegmund X8.7
PLASMA NITRATION	■	■	■
BASIC HARDNESS	approx. 165 – 220 Vickers	approx. 360 – 420 Vickers	approx. 280 – 340 Vickers
SURFACE HARDNESS	approx. 450 – 750 Vickers	approx. 500 – 900 Vickers	approx. 450 – 850 Vickers
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 132	see page 104	see page 102

■ Standard

□ available against surcharge

— not available



PROFESSIONAL 750

STAINLESS STEEL

BASIC

Steel S355J2+N	Stainless Steel X5CrNi18-10 (1.4301)	Steel S355J2+N
■	—	—
approx. 165 – 220 Vickers	approx. 266 – 382 Vickers	approx. 165 – 220 Vickers
approx. 450 – 750 Vickers		
approx. 24,5 – 27 mm	approx. 24,5 – 27 mm	approx. 24,5 – 27 mm
200 mm	200 mm	No side panel: Thread holes on 4 sides
□	□	□
■	□	■
see page 98	see page 94	see page 90

Siegmund - table fleet System 22



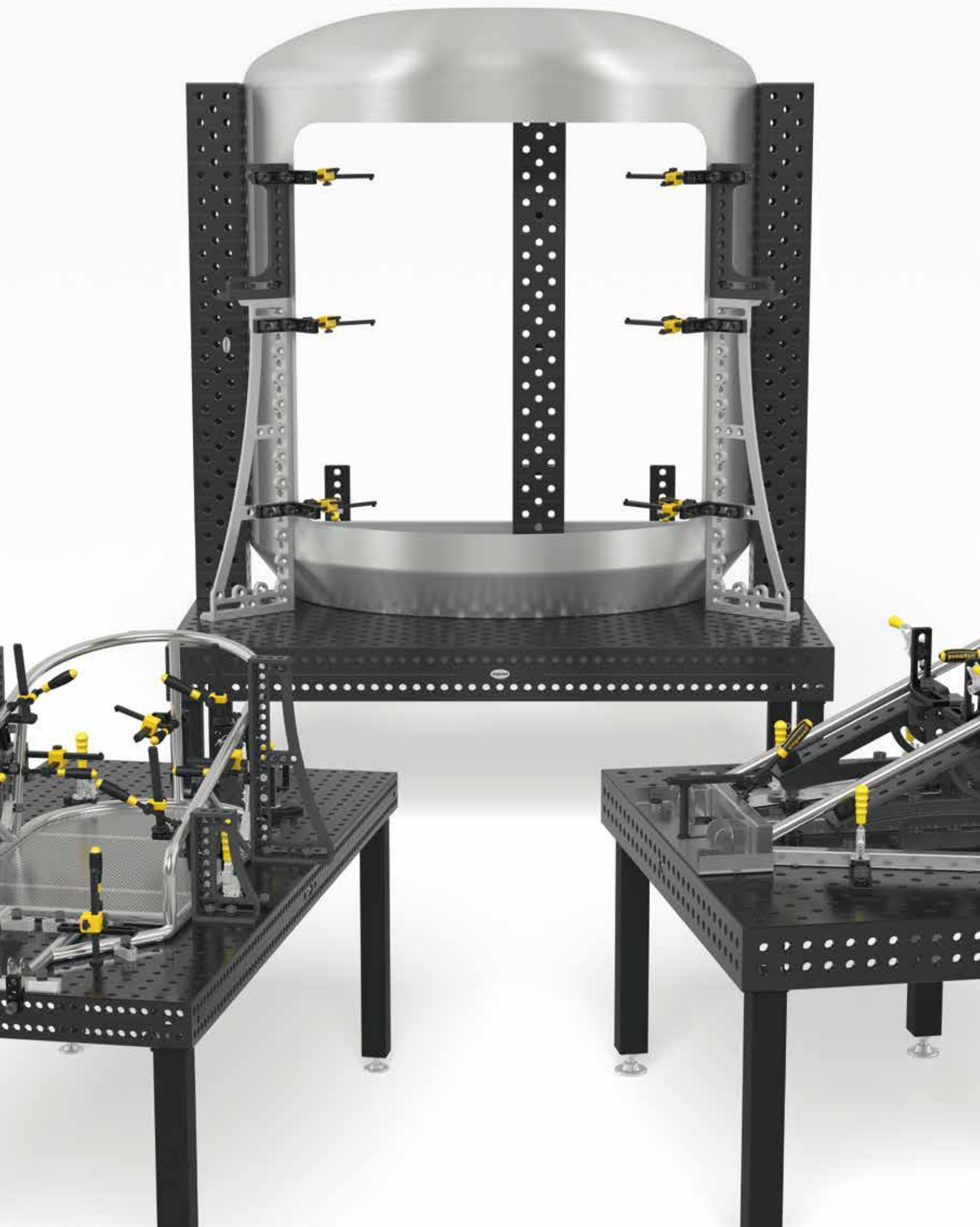
PROFESSIONAL 750

MATERIAL	Steel S355J2+N
PLASMA NITRATION	■
BASIC HARDNESS	approx. 165 – 220 Vickers
SURFACE HARDNESS	approx. 450 – 750 Vickers
MATERIAL THICKNESS	approx. 17 – 19 mm
TABLE SIDE PANEL	150 mm
DIAGONAL GRID	■
SCALE	■
STYLES	see page 410

■ Standard

□ available against surcharge

— not available



Siegmund - table fleet System 16



PROFESSIONAL EXTREME 8.7

PROFESSIONAL 750

MATERIAL	Through-hardened tool steel out of special alloy Siegmund X8.7	Steel S355J2+N
PLASMA NITRATION	■	■
BASIC HARDNESS	approx. 280 – 340 Vickers	approx. 165 – 220 Vickers
SURFACE HARDNESS	approx. 450 – 850 Vickers	approx. 450 – 750 Vickers
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 578	see page 574

■ Standard

□ available against surcharge

— not available



STAINLESS STEEL

Stainless Steel X5CrNi18-10 (1.4301)

—
approx. 266 – 382 Vickers

approx. 11,5 – 13 mm

100 mm



see page 570

BASIC PLASMA NITRIDED

Steel S355J2+N

■
approx. 165 – 220 Vickers

approx. 450 – 750 Vickers

approx. 11,5 – 13 mm

50 mm



see page 566

Materials by comparison

The materials used are fundamental to the high level of hardness and long service life. The choice of a Siegmund table is a long term saving thanks to the high level of precision engineering and the consistent superior quality.



PROFESSIONAL 750¹
without Plasma nitration



PROFESSIONAL 750²
with Plasma nitration

Hardness in Vickers	Basic hardness approx. 165 – 220 Vickers	Basic hardness approx. 165 – 220 Vickers Surface hardness approx. 450 – 750 Vickers
Material	<p>Specific base material S355J2+N</p>	<p>BAR-Coating Iron nitride Transient region Specific base material S355J2+N Transient region Iron nitride BAR-Coating</p>
Basic hardness	★ ★	★ ★
Surface hardness	★ ★	★ ★ ★ ★ ★ ★
Impact-proof	★ ★	★ ★ ★
Scratch-proof	★ ★	★ ★ ★ ★
Protection against weld spatter	★	★ ★ ★ ★ ★ ★
Corrosion resistance	★	★ ★ ★ ★ ★ ★
Point load	★ ★ ★	★ ★ ★ ★
Flatness in its new state	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
Maintenance of the flatness under heavy use	★	★ ★ ★
Life span	★ ★	★ ★ ★ ★ ★

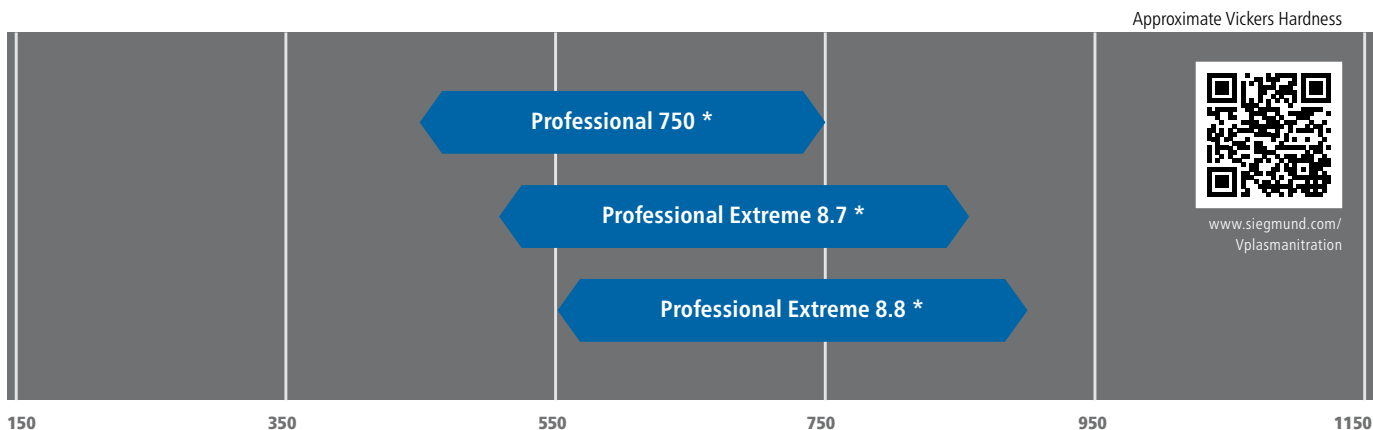
With our evaluation, we would like to make it easier for you to compare the different materials and to support you in selecting the right welding table.

¹Also applies to all Basic tables System 28.

²Also applies to all Basic tables System 16.

COMPARISON OF HARDNESS: SURFACE HARDNESS

The plasma nitriding and subsequent BAR-coating protect against scratches, corrosion and welding spatter.



* with Plasma nitration

»» Our bestsellers Professional Extreme 8.7 and 8.8:
Exceptional hardness and a long service life

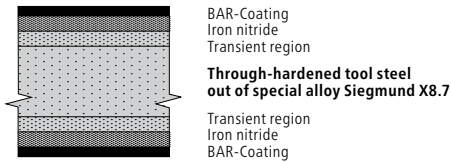


The hardening test –
Professional Extreme:

www.siegmund.com/vhardness

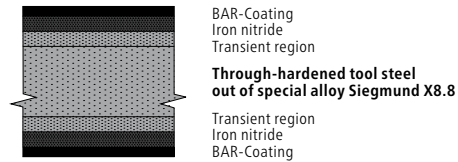
PROFESSIONAL EXTREME 8.7
with Plasma nitration

Basic hardness approx. 280 – 340 Vickers
Surface hardness approx. 450 – 850 Vickers



PROFESSIONAL EXTREME 8.8
with Plasma nitration

Basic hardness approx. 360 – 420 Vickers
Surface hardness approx. 500 – 900 Vickers



★ ★ ★ ★ ★

★ ★ ★ ★ ★ ★ ★ ★

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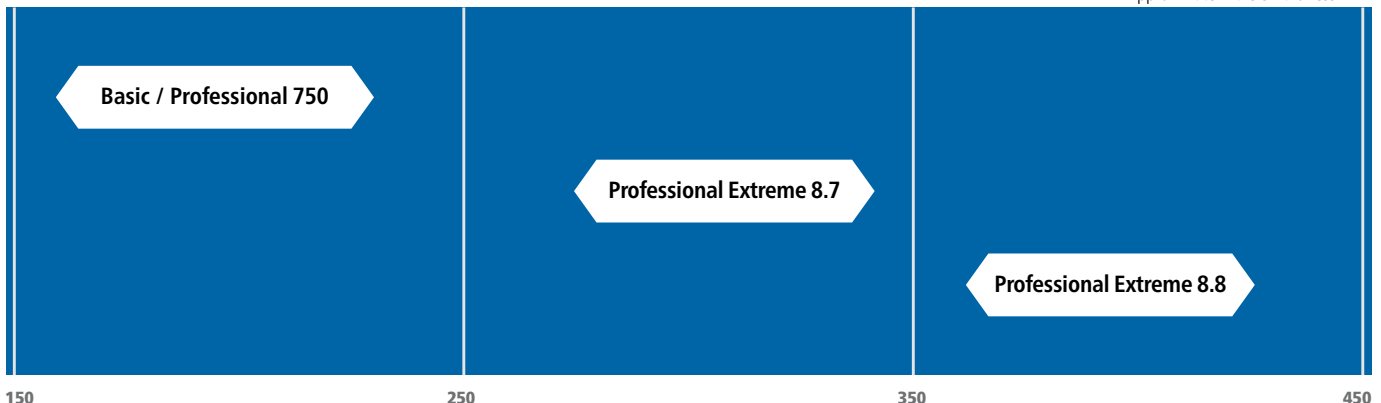
★ Shows the improvement of the properties in the last few years.

Side surface of Professional Extreme 8.7 and 8.8 is made of specific basic material S355J2+N incl. plasma nitriding and BAR-coating.

COMPARISON OF HARDNESS: BASIC HARDNESS

The high basic hardness is the essential hardness and allows a high impact resistance and a long service life of the welding table.

Approximate Vickers Hardness



Borehole grid and scaling



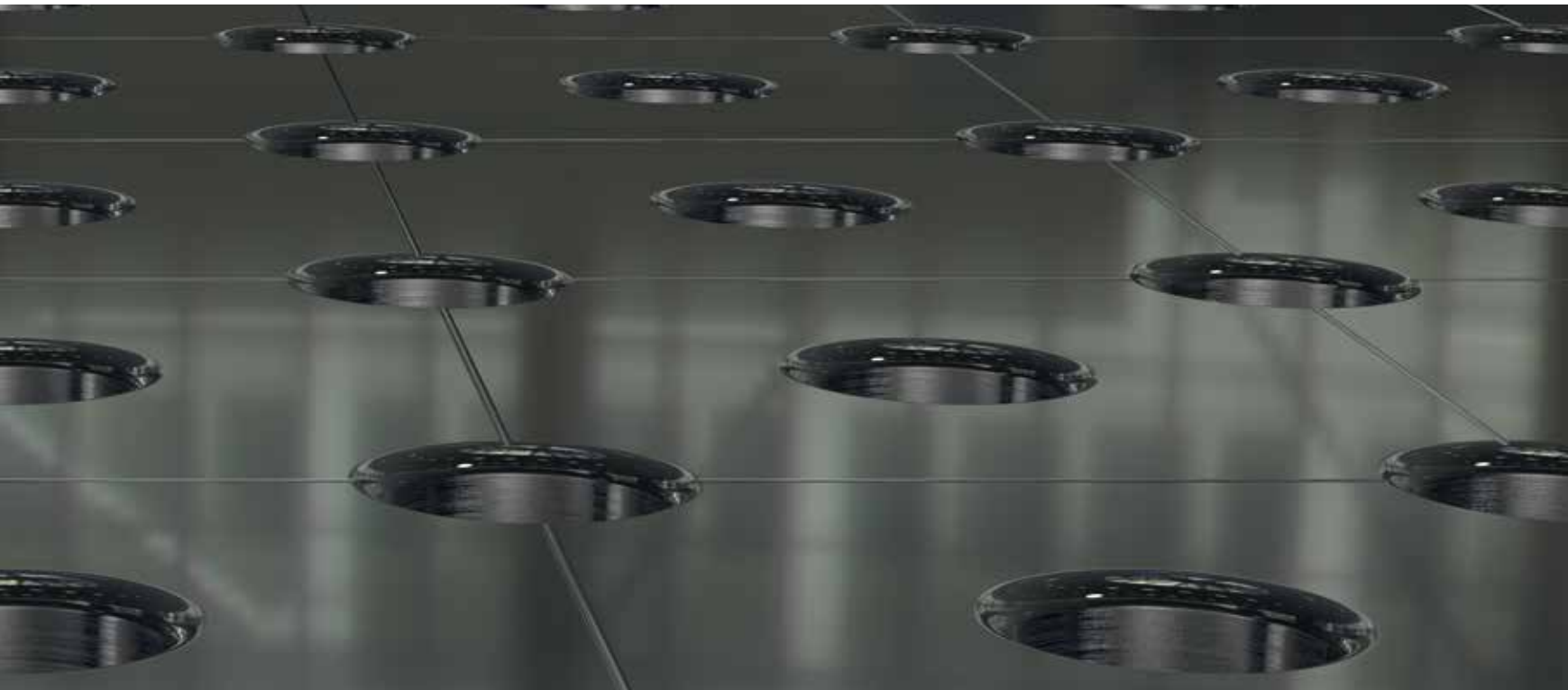
The most prevalent borehole grid and lattice for welding- and clamping tables is 100 mm (System 28, System 22) and 50 mm (System 16). The elongated holes of the system elements are perfectly aligned.



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



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

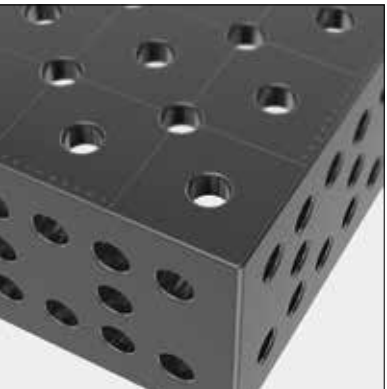


28
+
22



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

28
+
16



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

28
+
22
+
16



4-sided revolving scale

Rapid identification of Siegmund quality features

NEW, CONSOLIDATED PRODUCT IDENTIFICATION IN ONE PLACE.

28 SQUARES

Stop and Clamping Square 175 L

1 Description:

Stop and Clamping Square 175 L can be used as a multifunctional adjustable angle by combining system base holes and sliding fit. A height-adjustable support can be created by combining the Stop and Clamping Square 175 (Item No. 280110.N) and the Stop and Clamping Square 175 SL (Item No. 280110.V). This component also functions well as a stop for long parts.

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

2

280110.N

280110.A

280110.G

280110.C

SQUARES 28

	4	8	5	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L with hole / sliding fit Standard with fine scaling on both sides	●	●	●	175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N 154,00 USD
Stop and Clamping Square 175 L with hole / sliding fit Cut on demand	●	●	●	175 mm	50 mm	175 mm	25 mm	1,90 kg	2-280110.G 142,00 USD
Stop and Clamping Square 175 L with hole / sliding fit Aluminum	●	●	●	175 mm	50 mm	175 mm	25 mm	0,80 kg	2-280110.A 174,00 USD
Stop and Clamping Square 175 L with hole / sliding fit Chromed, Delivery time approx. 10 weeks	●	●	●	175 mm	50 mm	175 mm	25 mm	2,10 kg	2-280110.C 174,00 USD

3 Item produced for stock

7 Item produced on order

6 Price on request

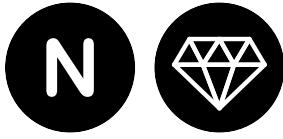
4 Sliding center protection

5 Corrosion protection

8 Aluminum

1. Article name and description
2. Product picture with dimension
3. Article number
4. Article name with material specification
5. Technical details
6. Price
7. ● = Item produced for stock
○ = Item produced on order
8. Product features (Explanations see page 84)

(•) = price on request



SCRATCH RESISTANCE, WELDING SPATTER AND CORROSION PROTECTION

Nitriding creates scratch-resistant and corrosion-resistant surfaces and when used with our anti-spatter spray, protects against weld spatter adhesion.



SCALE

The scaling makes precise setting and clamping of your workpiece easier.



SURFACE SMOOTHING

BAR-coating (Black-Anti-Rust-coating) creates a smooth surface and increases the rust protection.



POLYAMIDE

These items are available in polyamide for your stainless steel processing or scratch-sensitive components.



ALUMINUM

These products are available in aluminum for stainless steel processing.



ALUMINUM-TITANIUM

We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.



TABLES

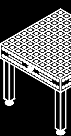


TABLE LEGS



STOPS



SQUARES



BOLTS



CLAMPS & ACCESSORIES



PRISMS & SUPPORTS



FAST CLAMPING EQUIPMENT & ADAPTER



ACCESSORIES



RAIL- AND PLATFORMSYSTEM





Page 92
Basic



Page 96
Professional Stainless Steel



Page 96
Professional Stainless Steel Light



Page 100
Professional 750 Plasma nitrided



Page 100
Professional 750 Plasma nitrided Diagonal grid



Page 106
Professional Extreme 1000x1000x200 Plasma nitrided



Page 108
Professional Extreme 1200x800x200 Plasma nitrided



Page 110
Professional Extreme 1200x1200x200 Plasma nitrided



Page 112
Professional Extreme 1500x1000x200 Plasma nitrided



Page 114
Professional Extreme 1500x1500x200 Plasma nitrided



Page 116
Professional Extreme 2000x1000x200 Plasma nitrided



Page 118
Professional Extreme 2000x1200x200 Plasma nitrided



Page 120
Professional Extreme 2000x2000x200 Plasma nitrided



Page 122
Professional Extreme 2400x1200x200 Plasma nitrided



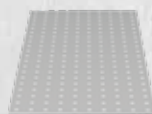
Page 124
Professional Extreme 3000x1500x200 Plasma nitrided



Page 126
Professional Extreme 4000x2000x200 Plasma nitrided



Page 128
Welding Table - Special Sizes Plasma nitrided



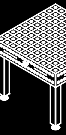
Page 130
Perforated Aluminum Plate for Table



Page 134
T-Slot Table Plasma nitrided with cross slots



Page 136
T-Slot Table Plasma nitrided with lengthways slots



Page 138
**T-Slot Table Plasma nitrided
with transverse slots**



Page 140
**Clamp Bushing
for M10 Thread - T-Slot Table**



Page 141
T-Nut



Page 142
**Octagonal Table Premium Light 200
Plasma nitrided**



Page 144
**Octagonal Table 200
Plasma nitrided**



Page 146
**Octagonal Table Premium Light 100
Plasma nitrided**



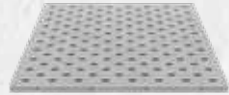
Page 148
**Octagonal Table 100
Plasma nitrided**



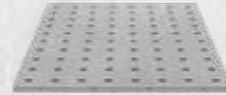
Page 150
**Octagonal Plate Premium Light 15
Plasma nitrided**



Page 152
**Octagonal Plate 25
Plasma nitrided**



Page 154
**Clamping- and Replacement Plate,
with bore holes Diagonal grid**



Page 156
**Clamping- and Replacement Plate,
with bore holes 100 mm Grid**



Page 158
Support and Clamping Sleeve



Page 159
Cover cap / pack of 10

Basic



Basic

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

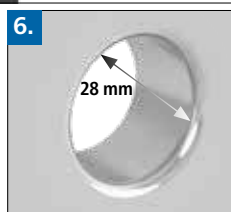
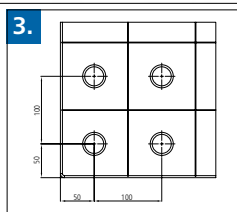
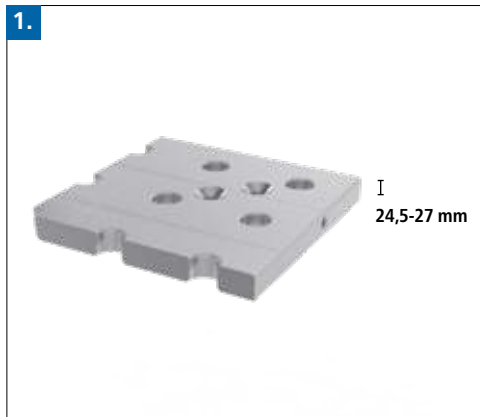
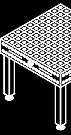
You can also find the product video on:

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*

VICKERS HARDNESS GRADE

Basic hardness approx. 165 – 220

* Unprotected against rust, scratches and welding spatters. Protection against welding spatters is only given 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 246)

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 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 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



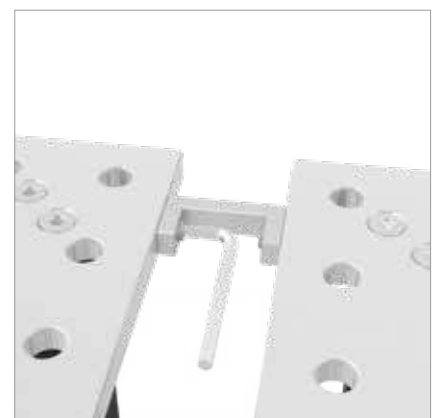
Description:

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 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 620.

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.



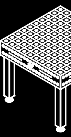


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Basic Steel S355J2+N
Basic 1000x1000x25 with Leg standard equipment 815 Table height 850	4	1000 mm	1000 mm	25 mm	approx. 256 kg	2-281010 1,776.00 USD ●
Basic 1200x800x25 with Leg standard equipment 815 Table height 850	4	1200 mm	800 mm	25 mm	approx. 248 kg	2-281025 1,796.00 USD ●
Basic 1200x1200x25 with Leg standard equipment 815 Table height 850	4	1200 mm	1200 mm	25 mm	approx. 354 kg	2-281015 2,078.00 USD ●
Basic 1500x1000x25 with Leg standard equipment 815 Table height 850	4	1500 mm	1000 mm	25 mm	approx. 370 kg	2-281035 2,090.00 USD ●
Basic 2000x1000x25 with Leg standard equipment 815 Table height 850	4	2000 mm	1000 mm	25 mm	approx. 475 kg	2-281020 2,686.00 USD ●
Basic 2000x1200x25 with Leg standard equipment 815 Table height 850	4	2000 mm	1200 mm	25 mm	approx. 569 kg	2-281060 3,000.00 USD ●
Basic 2400x1200x25 with Leg standard equipment 815 Table height 850	6	2400 mm	1200 mm	25 mm	approx. 697 kg	2-281030 3,426.00 USD ●
Basic 3000x1500x25 with Leg standard equipment 815 Table height 850	6	3000 mm	1500 mm	25 mm	approx. 1043 kg	2-281040 4,468.00 USD ●
Table Connection incl. hexagon socket (2 pieces) - for Table Basic system 28		100 mm	50 mm	24 mm	approx. 0,48 kg	2-281091 166,00 USD ●
Side-stop Set - consisting of 8x Stop (160415), 8x Bolt (280543)						2-281700 262,00 USD ●
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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

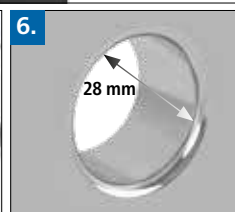
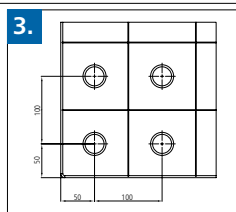
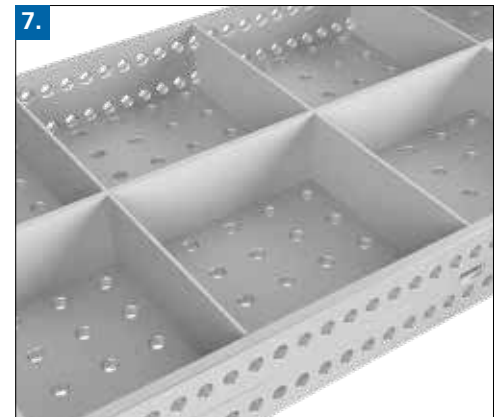
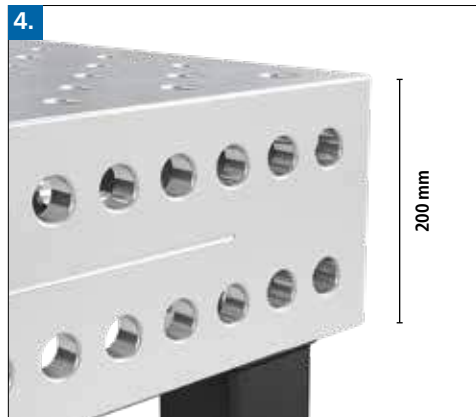
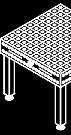
You can also find the product video on:

www.siegmund.com/V280020.E

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

- 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 RADIUS

- 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 246)

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 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 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

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 162.

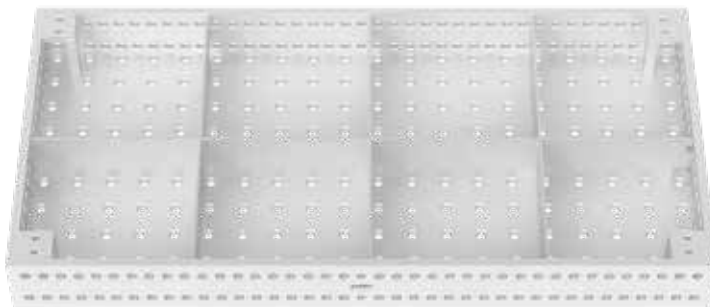
Stainless Steel Tables also available with lifting platform and connecting frame.

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.



Illustration shows Professional Extreme Table with diagonal grid.



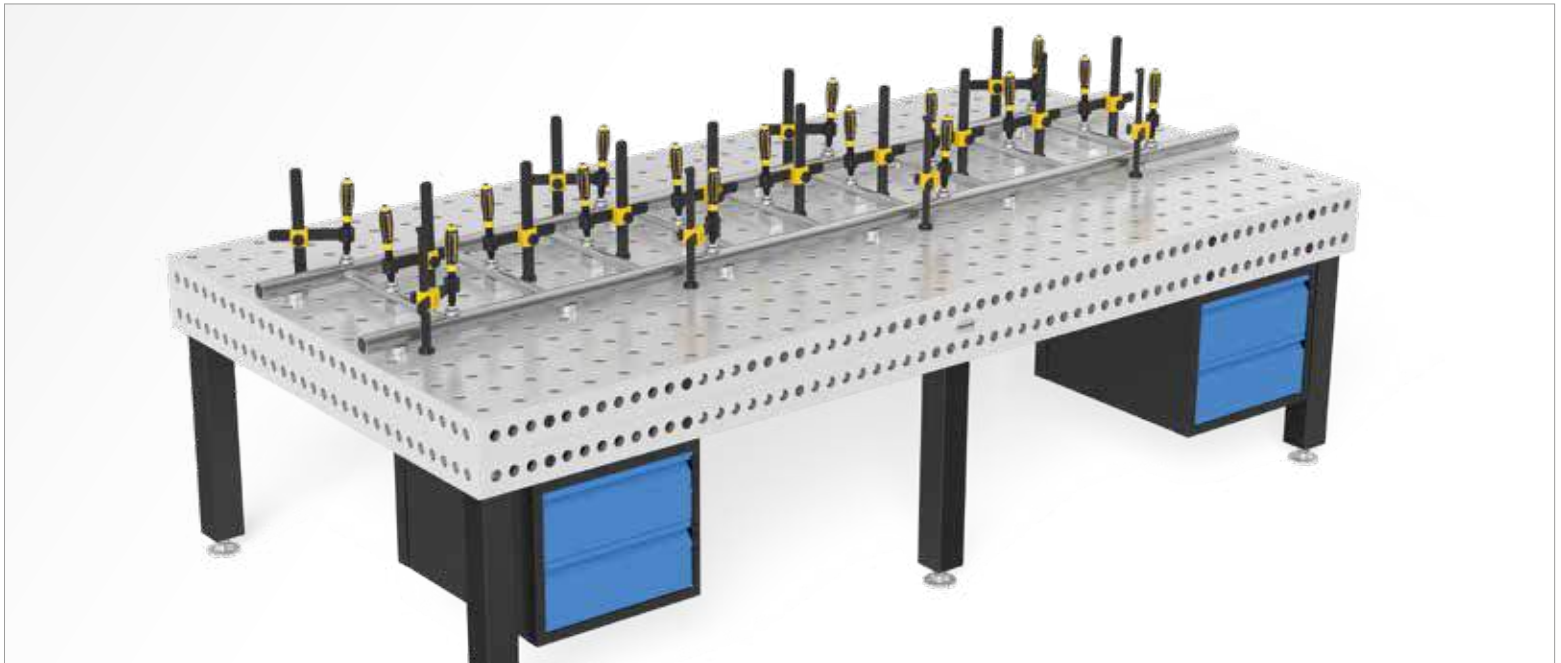
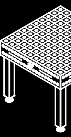


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Stainless Steel	Stainless Steel Light
Professional 1000x1000x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 469 kg	2-280010.E 9,212.00 USD ○	2-800010.E 6,720.00 USD ○
Professional 1200x800x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 459 kg	2-280025.E 9,212.00 USD ○	2-800025.E 6,720.00 USD ○
Professional 1200x1200x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 599 kg	2-280015.E 12,134.00 USD ○	2-800015.E 8,528.00 USD ○
Professional 1500x1000x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 629 kg	2-280035.E 12,808.00 USD ○	2-800035.E 9,174.00 USD ○
Professional 1500x1500x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 864 kg	2-280050.E 17,976.00 USD ○	2-800050.E 12,792.00 USD ○
Professional 2000x1000x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 814 kg	2-280020.E 16,404.00 USD ○	2-800020.E 12,252.00 USD ○
Professional 2000x1200x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 924 kg	2-280060.E 18,200.00 USD ○	2-800060.E 13,574.00 USD ○
Professional 2000x2000x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1389 kg	2-280045.E 27,638.00 USD ○	2-800045.E 19,700.00 USD ○
Professional 2400x1200x200 Stainless Steel with Leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1069 kg	2-280030.E 22,470.00 USD ○	2-800030.E 15,300.00 USD ○
Professional 3000x1500x200 Stainless Steel with Leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1631 kg	2-280040.E 32,132.00 USD ○	2-800040.E 25,772.00 USD ○
Professional 4000x2000x200 Stainless Steel with Leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 2568 kg	2-280055.E 53,928.00 USD ○	2-800055.E 40,584.00 USD ○
Additional sizes upon request							○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 750



Professional 750

» Surface hardness up to 750 Vickers!

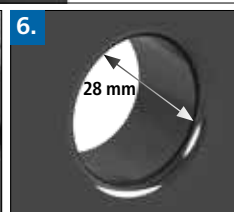
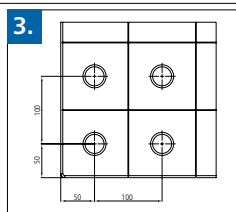
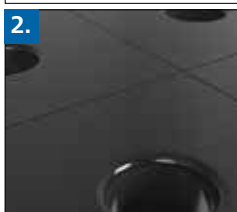
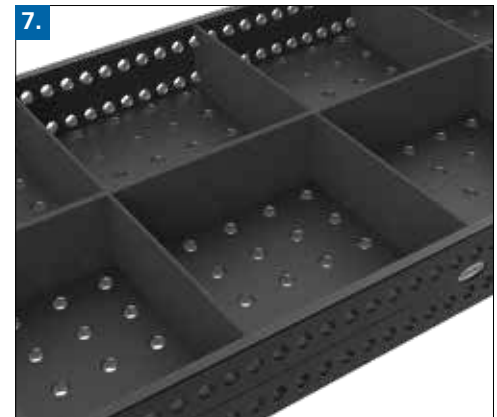
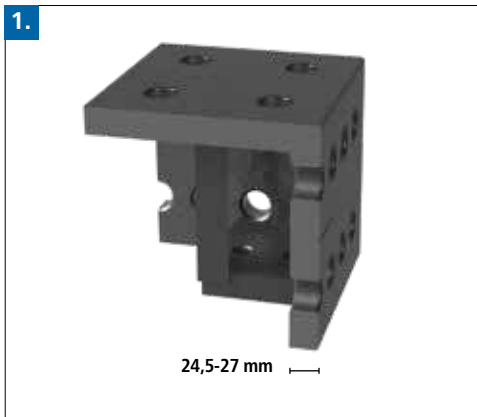
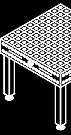
Professional 750 welding tables are manufactured of S355J2+N steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the welding table it is especially suited for working with heavy components.

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

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

- approx. 24,5 – 27 mm

2. MATERIAL

Premium Steel S355J2+N, plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220

* Due to the lack of material hardness of Professional 750 significantly higher product wear.

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 RADIUS

- 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 246)

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)
- 50 mm vernier adjustment (Data only for Leg 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 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 750

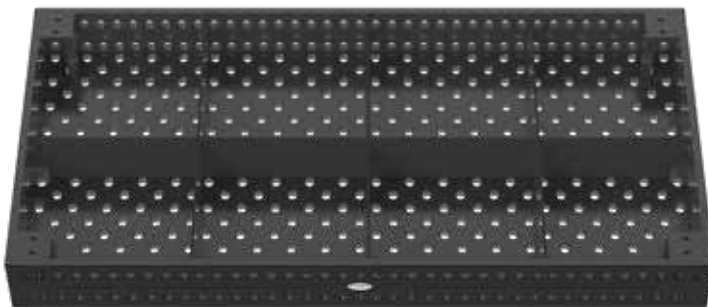


Description:

Professional 750 Table with horizontal / vertical hole arrangement in a 100 mm grid 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 S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.

The welding tables are equipped with scaling as standard.

Illustration shows Professional Extreme Table with diagonal grid.



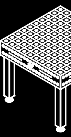


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Professional 750 Plasma nitrided 100 mm Grid	Professional 750 Plasma nitrided Diagonal grid	Without plasma nitriding reduced price
Professional 750 1000x1000x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 416 kg	2-280010.P 3,692.00 USD ●	2-280010.PD ○ 4,156.00 USD	2-285110 ○ -390,00 USD
Professional 750 1200x800x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 408 kg	2-280025.P 3,692.00 USD ●	2-280025.PD ○ 4,156.00 USD	2-285125 ○ -390,00 USD
Professional 750 1200x1200x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 544 kg	2-280015.P 4,966.00 USD ●	2-280015.PD ○ 5,544.00 USD	2-285115 ○ -590,00 USD
Professional 750 1500x1000x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 577 kg	2-280035.P 5,082.00 USD ●	2-280035.PD ○ 5,776.00 USD	2-285135 ○ -590,00 USD
Professional 750 1500x1500x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 801 kg	2-280050.P 6,932.00 USD ●	2-280050.PD ○ 7,858.00 USD	2-285150 ○ -790,00 USD
Professional 750 2000x1000x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 730 kg	2-280020.P 6,006.00 USD ●	2-280020.PD ● 6,932.00 USD	2-285120 ○ -790,00 USD
Professional 750 2000x1200x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 843 kg	2-280060.P 6,818.00 USD ●	2-280060.PD ○ 7,858.00 USD	2-285160 ○ -790,00 USD
Professional 750 2000x2000x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1299 kg	2-280045.P 10,544.00 USD ●	2-280045.PD ○ 11,932.00 USD	2-285145 ○ -1.190,00 USD
Professional 750 2400x1200x200 Plasma nitrided with Leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 986 kg	2-280030.P 7,628.00 USD ●	2-280030.PD ● 8,784.00 USD	2-285130 ○ -990,00 USD
Professional 750 3000x1500x200 Plasma nitrided with Leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1517 kg	2-280040.P 11,100.00 USD ●	2-280040.PD ● 12,256.00 USD	2-285140 ○ -1.390,00 USD
Professional 750 4000x2000x200 Plasma nitrided with Leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 2501 kg	2-280055.P 16,656.00 USD ●	2-280055.PD ○ 18,276.00 USD	2-285155 ○ -1.790,00 USD
Additional sizes upon request								○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 8.7



Professional Extreme 8.7

» Surface hardness up to 850 Vickers!

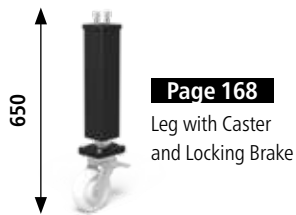
Professional Extreme 8.7 welding tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the welding table it is especially suited for working with extremely heavy components.

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

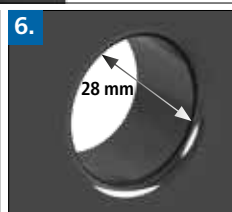
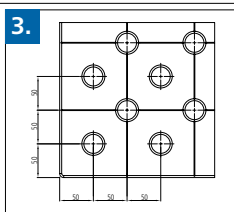
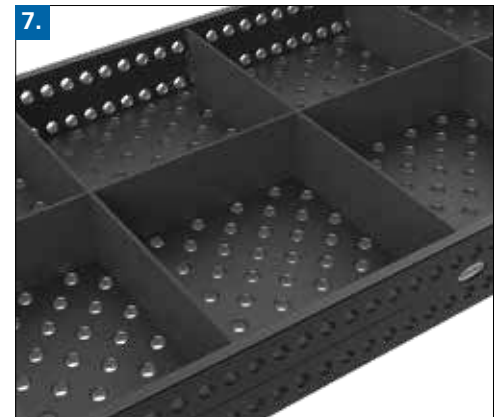
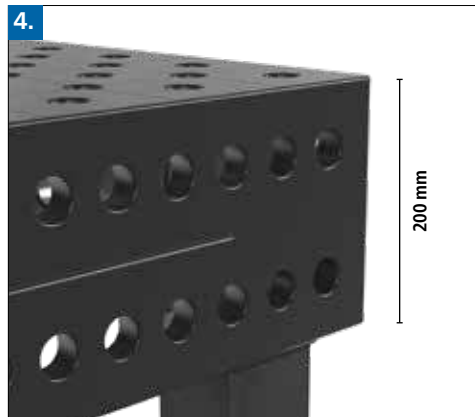
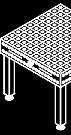
You can also find the product video on:

www.siegmund.com/V280020.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

- approx. 24,5 – 27 mm

2. MATERIAL

Hardened tool steel X8.7, plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Table top:
Surface hardness: approx. 450 – 850
Basic hardness: approx. 280 – 340

Table side:
Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220

* The four side faces are still constructed from our standard, high quality S355J2+N 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 246)

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 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 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 8.8



Professional Extreme 8.8

» Surface hardness up to 900 Vickers!

Professional Extreme 8.8 welding tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Due to the extremely tough surface construction, these welding tables offer high resistance against stroke effects and corrosion. Based on the increased load capacity of the welding table it is especially suited for working with extremely heavy components.

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



You can also find the product video on:

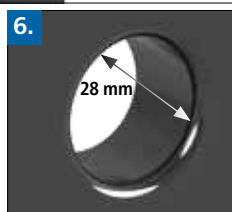
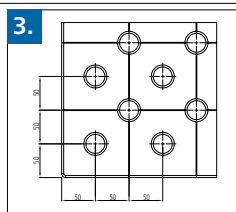
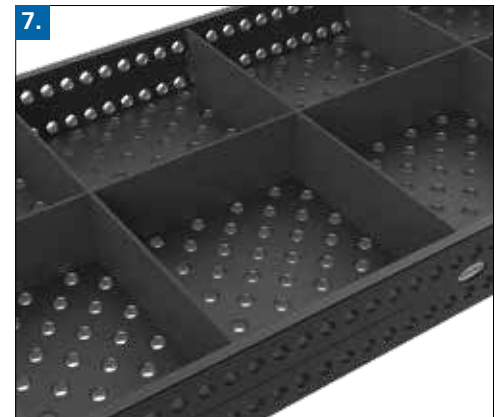
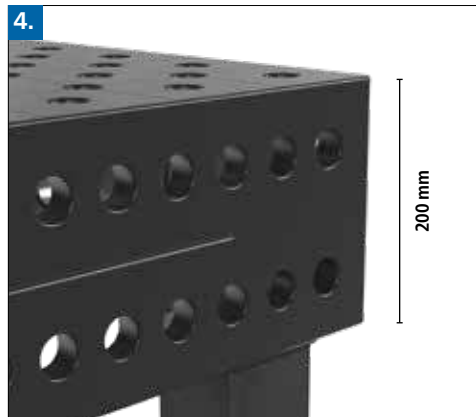
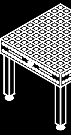
www.siegmund.com/VHardness



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

- approx. 24,5 – 27 mm

2. MATERIAL

Hardened tool steel X8.8, plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Table top:
Surface hardness: approx. 500 – 900
Basic hardness: approx. 360 – 420

Table side:
Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220
optional:
Surface hardness: approx. 500 – 900
Basic hardness: approx. 360 – 420

* The four side faces are still constructed from our standard, high quality S355J2+N 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 246)

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 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 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 8.7 / Professional Extreme 8.8 1000x1000x200 mm



Description:

Professional Extreme Table, 1000x1000x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

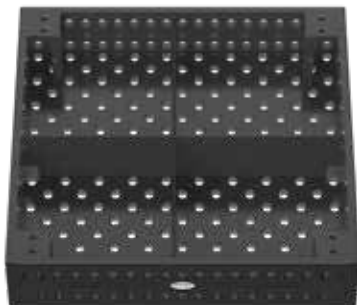
The welding tables are equipped with scaling as standard.

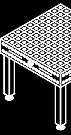
Please find an overview with all information on table leg models on page 162.

Weight: approx. 416 kg

Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.











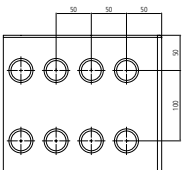
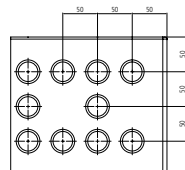
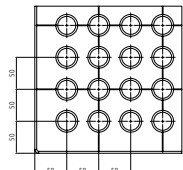
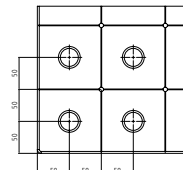
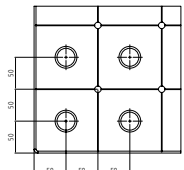
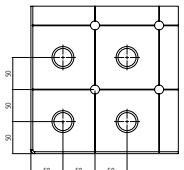


Professional Extreme 8.7 / Professional Extreme 8.8
1000x1000x200 mm

1000x1000x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280010.X7.T1 3,788.00 USD ●	2-280010.XD7.T1 4,250.00 USD ●	2-280010.X8.T1 4,828.00 USD ○	2-280010.XD8.T1 5,384.00 USD ○	2-285110 -390.00 USD ○
with Leg standard equipment 650 Table height 850	2-280010.X7 4,156.00 USD ●	2-280010.XD7 4,618.00 USD ●	2-280010.X8 5,196.00 USD ○	2-280010.XD8 5,752.00 USD ○	2-285110 -390.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

 Example for Diagonal grid + Scale Professional Extreme	Table side panel			Surface		
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
	2-286710.X 1,092.00 USD	2-286610.X 454.00 USD	2-286510.X 908.00 USD	M8 2-286110.X 958.00 USD	M12 2-286210.X 958.00 USD	M16 2-286310.X 958.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 1200x800x200 mm



Description:

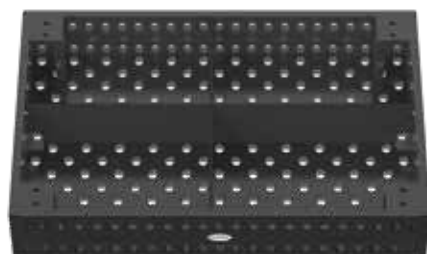
Professional Extreme Table, 1200x800x200 mm, horizontal / vertical hole arrangement in a 100 mm grid on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

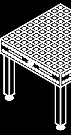
The welding tables are equipped with scaling as standard.

Please find an overview with all information on table leg models on page 162.

Weight: approx. 408 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.











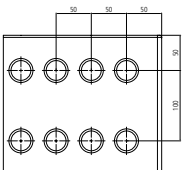
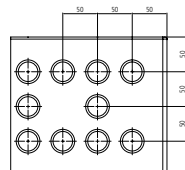
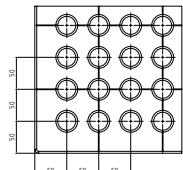
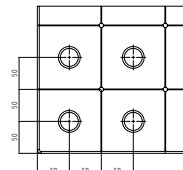
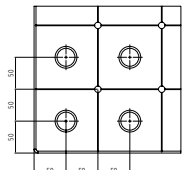
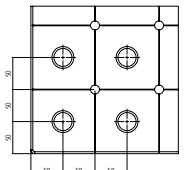


Professional Extreme 8.7 / Professional Extreme 8.8
1200x800x200 mm

1200x800x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280025.X7.T1 3,788.00 USD ○	2-280025.XD7.T1 ●	2-280025.X8.T1 ○	2-280025.XD8.T1 ○	2-285125 -390.00 USD ○
with Leg standard equipment 650 Table height 850	2-280025.X7 ○	2-280025.XD7 ●	2-280025.X8 ○	2-280025.XD8 ○	2-285125 ○ -390.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

 Example for 50 mm Grid Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)  M8	 M12	 M16
	2-286725.X 1,092.00 USD	2-286625.X 454.00 USD	2-286525.X 908.00 USD	2-286125.X 958.00 USD	2-286225.X 958.00 USD	2-286325.X 958.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 1200x1200x200 mm



Description:

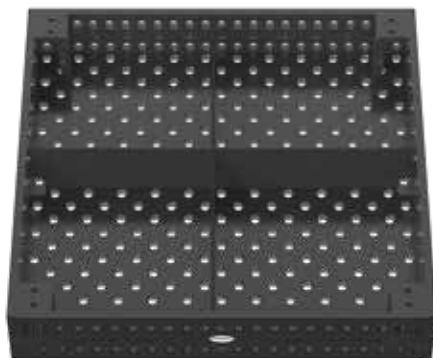
Professional Extreme Table, 1200x1200x200 mm, horizontal / vertical hole arrangement in a 100 mm grid on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

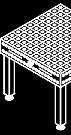
The welding tables are equipped with scaling as standard.

Please find an overview with all information on table leg models on page 162.

Weight: approx. 544 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.











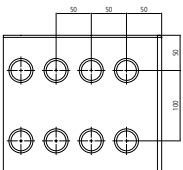
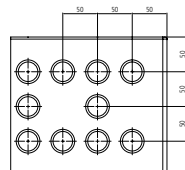
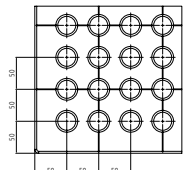
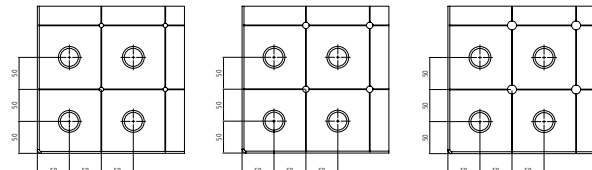


Professional Extreme 8.7 / Professional Extreme 8.8
1200x1200x200 mm

1200x1200x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280015.X7.T1 5,060.00 USD ●	2-280015.XD7.T1 5,638.00 USD ●	2-280015.X8.T1 5,638.00 USD ○	2-280015.XD8.T1 6,240.00 USD ○	2-285115 -590.00 USD ○
with Leg standard equipment 650 Table height 850	2-280015.X7 5,428.00 USD ●	2-280015.XD7 6,006.00 USD ●	2-280015.X8 6,006.00 USD ○	2-280015.XD8 6,608.00 USD ○	2-285115 -590.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

Special equipment for welding table Professional Extreme						
 Example for Alignment Scale Professional Extreme	Table side panel		Surface			
		Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
	2-286715.X 1,320.00 USD	2-286615.X 454.00 USD	2-286515.X 1,248.00 USD	M8 2-286115.X 958.00 USD	M12 2-286215.X 958.00 USD	M16 2-286315.X 958.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 1500x1000x200 mm

Description:

Professional Extreme Table, 1500x1000x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

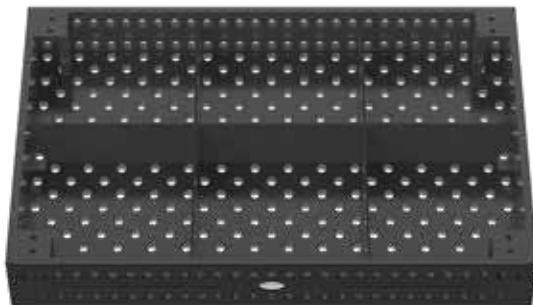
The welding tables are equipped with scaling as standard.

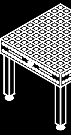
Please find an overview with all information on table leg models on page 162.



Weight: approx. 577 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.







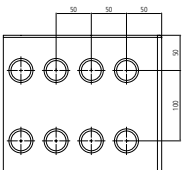
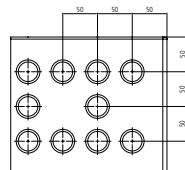
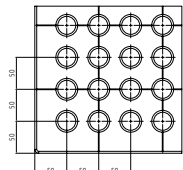
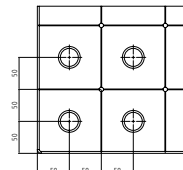
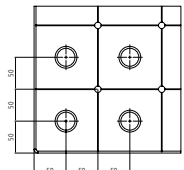
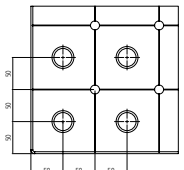


Professional Extreme 8.7 / Professional Extreme 8.8
1500x1000x200 mm

1500x1000x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280035.X7.T1 5,408.00 USD ●	2-280035.XD7.T1 6,102.00 USD ●	2-280035.X8.T1 5,940.00 USD ○	2-280035.XD8.T1 6,564.00 USD ○	2-285135 -590.00 USD ○
with Leg standard equipment 650 Table height 850	2-280035.X7 5,776.00 USD ●	2-280035.XD7 6,470.00 USD ●	2-280035.X8 6,308.00 USD ○	2-280035.XD8 6,932.00 USD ○	2-285135 -590.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

Special equipment for welding table Professional Extreme  Example for Diagonal grid M8	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
Professional Extreme	2-286735.X 1,380.00 USD	2-286635.X 454.00 USD	2-286535.X 1,248.00 USD	M8 2-286135.X 958.00 USD	M12 2-286235.X 958.00 USD	M16 2-286335.X 958.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 1500x1500x200 mm



Description:

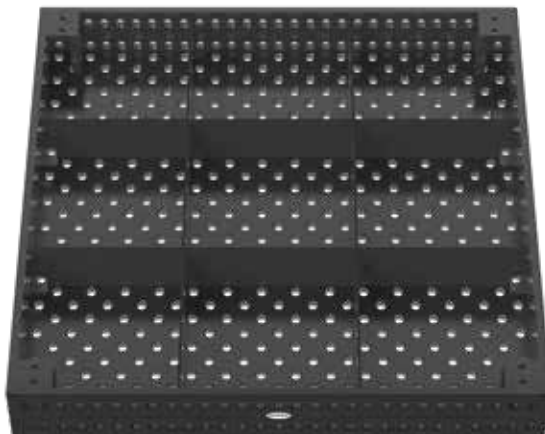
Professional Extreme Table, 1500x1500x200 mm, horizontal / vertical hole arrangement in a 100 mm grid on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm, the material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

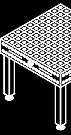
The welding tables are equipped with scaling as standard.

Please find an overview with all information on table leg models on page 162.

Weight: approx. 801 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.











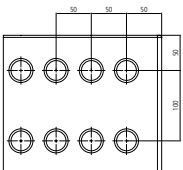
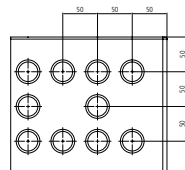
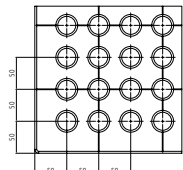
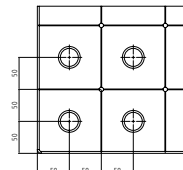
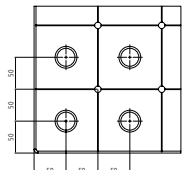
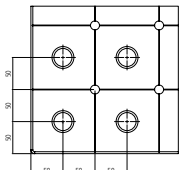


Professional Extreme 8.7 / Professional Extreme 8.8
1500x1500x200 mm

1500x1500x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280050.X7.T1 7,028.00 USD ●	2-280050.XD7.T1 7,954.00 USD ●	2-280050.X8.T1 7,954.00 USD ○	2-280050.XD8.T1 8,880.00 USD ○	2-285150 -790.00 USD ○
with Leg standard equipment 650 Table height 850	2-280050.X7 7,396.00 USD ●	2-280050.XD7 8,322.00 USD ●	2-280050.X8 8,322.00 USD ○	2-280050.XD8 9,248.00 USD ○	2-285150 -790.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

 Example for Diagonal grid M12 Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)  M8	 M12	 M16
	2-286750.X 1,786.00 USD	2-286650.X 432.00 USD	2-286550.X 1,796.00 USD	2-286150.X 1,260.00 USD	2-286250.X 1,260.00 USD	2-286350.X 1,260.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.

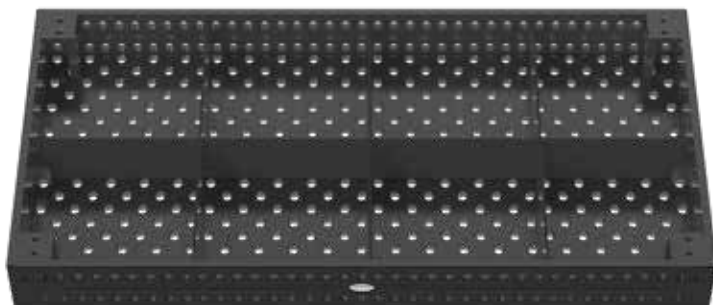


Professional Extreme 8.7 / Professional Extreme 8.8 2000x1000x200 mm



Weight: approx. 730 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.

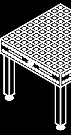


Description:

Professional Extreme Table, 2000x1000x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.








Please find an overview with all information on table leg models on page 162.


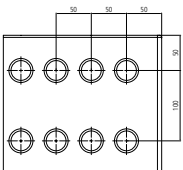
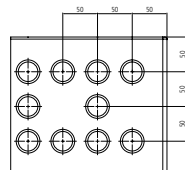
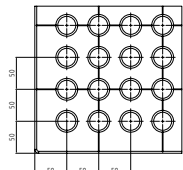
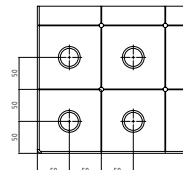
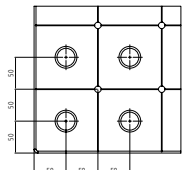


Professional Extreme 8.7 / Professional Extreme 8.8
2000x1000x200 mm

2000x1000x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280020.X7.T1 6,334.00 USD	2-280020.XD7.T1 7,236.00 USD	2-280020.X8.T1 7,166.00 USD	2-280020.XD8.T1 8,092.00 USD	2-285120 -790.00 USD
with Leg standard equipment 650 Table height 850	2-280020.X7 6,702.00 USD	2-280020.XD7 7,604.00 USD	2-280020.X8 7,534.00 USD	2-280020.XD8 8,460.00 USD	2-285120 -790.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

Special equipment for welding table Professional Extreme						
 Example for Diagonal grid M16 Professional Extreme	Table side panel		Surface			
		Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
	2-286720.X 1,716.00 USD	2-286620.X 454.00 USD	2-286520.X 1,702.00 USD	M8 2-286120.X 1,260.00 USD	M12 2-286220.X 1,260.00 USD	M16 2-286320.X 1,260.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 2000x1200x200 mm



Weight: approx. 843 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.

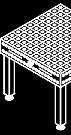


Description:

Professional Extreme Table, 2000x1200x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.








Please find an overview with all information on table leg models on page 162.


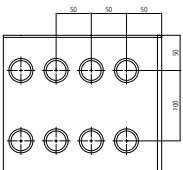
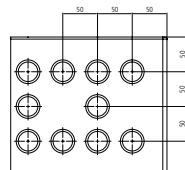
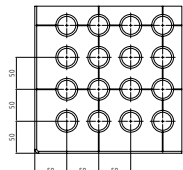
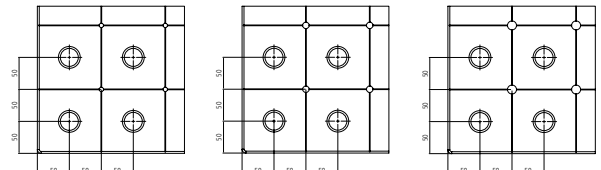


Professional Extreme 8.7 / Professional Extreme 8.8
2000x1200x200 mm

2000x1200x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280060.X7.T1 7,144.00 USD	2-280060.XD7.T1 8,162.00 USD	2-280060.X8.T1 8,186.00 USD	2-280060.XD8.T1 9,112.00 USD	2-285160 -790.00 USD
with Leg standard equipment 650 Table height 850	2-280060.X7 7,512.00 USD	2-280060.XD7 8,530.00 USD	2-280060.X8 8,554.00 USD	2-280060.XD8 9,480.00 USD	2-285160 -790.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

 Example for diagonal grid for table sides. Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	M8	M12
	2-286760.X 1,882.00 USD	2-286660.X 454.00 USD	2-286560.X 1,946.00 USD	2-286160.X 1,386.00 USD	2-286260.X 1,386.00 USD	2-286360.X 1,386.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.

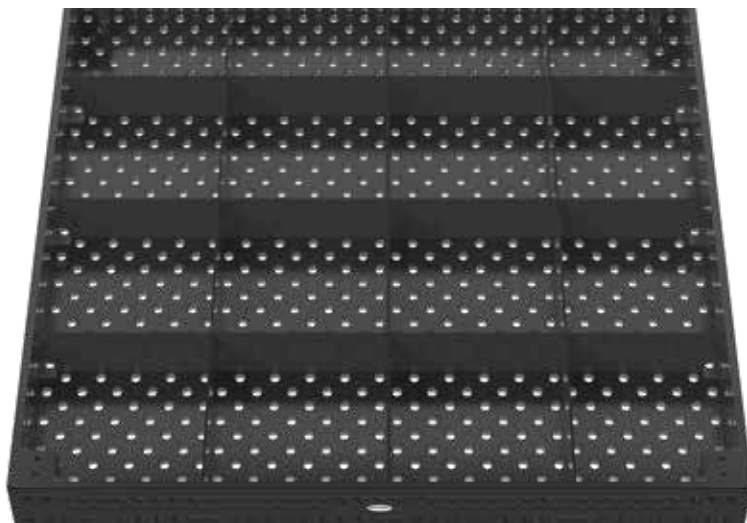


Professional Extreme 8.7 / Professional Extreme 8.8 2000x2000x200 mm



Weight: approx. 1.299 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.

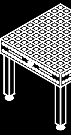


Description:

Professional Extreme Table, 2000x2000x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.








Please find an overview with all information on table leg models on page 162.


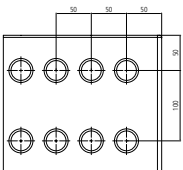
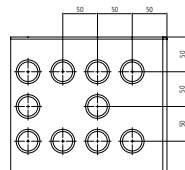
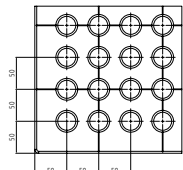
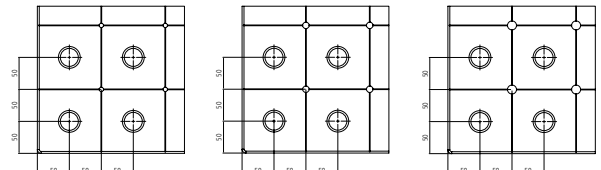


Professional Extreme 8.7 / Professional Extreme 8.8
2000x2000x200 mm

2000x2000x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280045.X7.T1 10,870.00 USD	2-280045.XD7.T1 12,260.00 USD	2-280045.X8.T1 12,352.00 USD	2-280045.XD8.T1 13,972.00 USD	2-285145 -1,190.00 USD
with Leg standard equipment 650 Table height 850	2-280045.X7 11,238.00 USD	2-280045.XD7 12,628.00 USD	2-280045.X8 12,720.00 USD	2-280045.XD8 14,340.00 USD	2-285145 -1,190.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

Special equipment for welding table Professional Extreme						
 Example for 100 mm Grid Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	M8	M12
	2-286745.X 2,892.00 USD	2-286645.X 742.00 USD	2-286545.X 3,270.00 USD	2-286145.X 2,218.00 USD	2-286245.X 2,218.00 USD	2-286345.X 2,218.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.

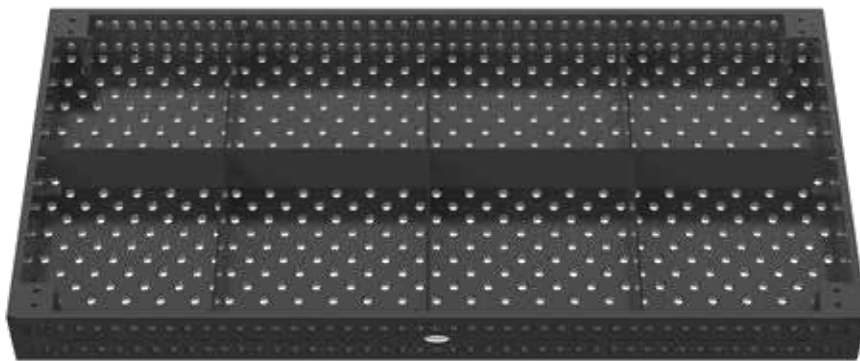


Professional Extreme 8.7 / Professional Extreme 8.8 2400x1200x200 mm



Weight: approx. 986 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.

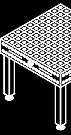


Description:

Professional Extreme Table, 2400x1200x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.








Please find an overview with all information on table leg models on page 162.


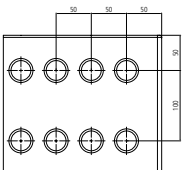
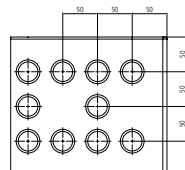
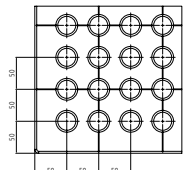
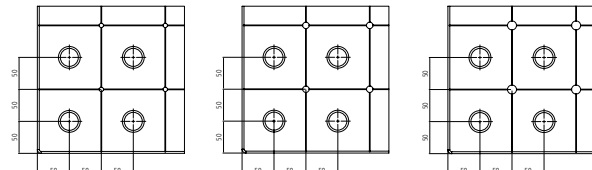


Professional Extreme 8.7 / Professional Extreme 8.8
2400x1200x200 mm

2400x1200x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280030.X7.T1 8,008.00 USD	2-280030.XD7.T1 9,112.00 USD	2-280030.X8.T1 8,880.00 USD	2-280030.XD8.T1 10,268.00 USD	2-285130 -990.00 USD
with Leg standard equipment 650 Table height 850	2-280030.X7 8,376.00 USD	2-280030.XD7 9,480.00 USD	2-280030.X8 9,248.00 USD	2-280030.XD8 10,636.00 USD	2-285130 -990.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme						
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 650 (see page 168) 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 	Surcharge Leg height-adjustable with Caster and locking Brake 550-750 (see page 169) 
2-280857.XX ●	2-280876.XX 164.00 USD	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD	2-280879.XX 206.00 USD

 Example for 50 mm Grid Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	M8	M12
	2-286730.X 2,180.00 USD	2-286630.X 614.00 USD	2-286530.X 2,260.00 USD	2-286130.X 1,612.00 USD	2-286230.X 1,612.00 USD	2-286330.X 1,612.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 3000x1500x200 mm

Description:

Professional Extreme Table, 3000x1500x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

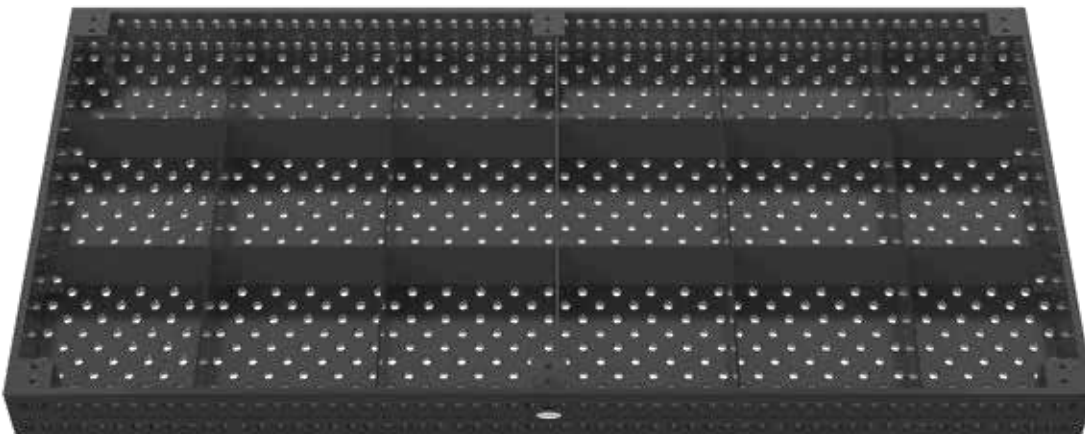
The welding tables are equipped with scaling as standard.

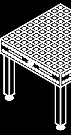
Please find an overview with all information on table leg models on page 162.



Weight: approx. 1.517 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.









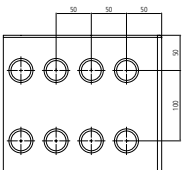
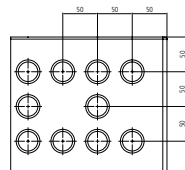
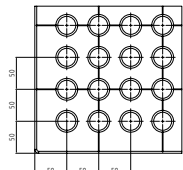
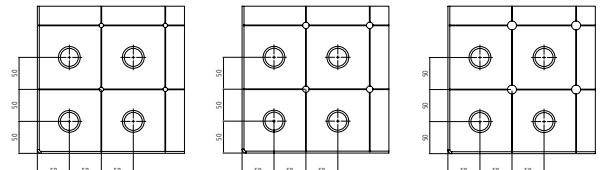


Professional Extreme 8.7 / Professional Extreme 8.8
3000x1500x200 mm

3000x1500x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280040.X7.T1 11,352.00 USD	2-280040.XD7.T1 12,630.00 USD	2-280040.X8.T1 13,326.00 USD	2-280040.XD8.T1 14,482.00 USD	2-285140 -1,390.00 USD
with Leg standard equipment 650 Table height 850	2-280040.X7 11,904.00 USD	2-280040.XD7 13,182.00 USD	2-280040.X8 13,878.00 USD	2-280040.XD8 15,034.00 USD	2-285140 -1,390.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 
2-280857.XX ●	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD

 Example for Diagonal grid M8 Professional Extreme	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
	2-286740.X 2,982.00 USD	2-286640.X 614.00 USD	2-286540.X 3,610.00 USD	M8 2-286140.X 1,890.00 USD	M12 2-286240.X 1,890.00 USD	M16 2-286340.X 1,890.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.

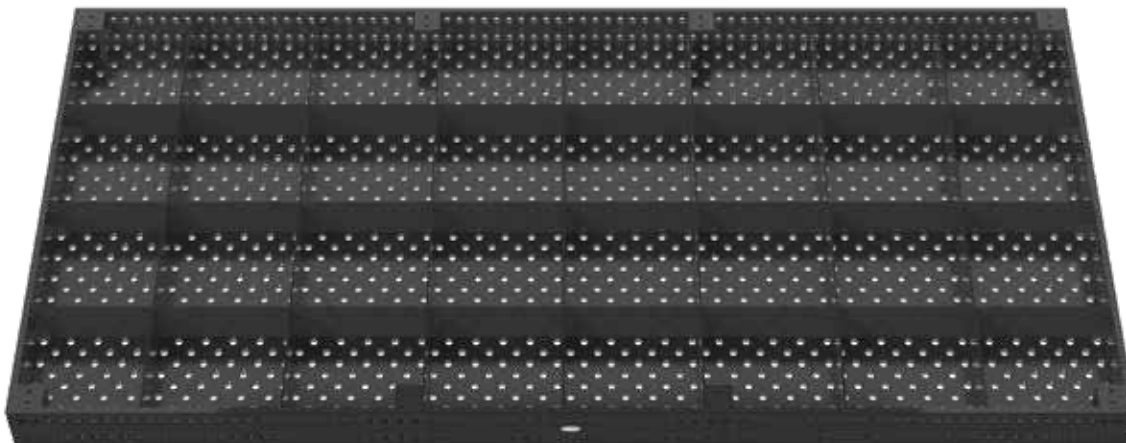


Professional Extreme 8.7 / Professional Extreme 8.8 4000x2000x200 mm



Weight: approx. 2.501 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional Extreme Table with diagonal grid.

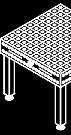


Description:

Professional Extreme Table, 4000x2000x200 mm, horizontal / vertical hole arrangement in a 100 mm grid 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 material thickness is approx. 24,5-27 mm. The primary wear surface on the table's top face is made of through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.






Please find an overview with all information on table leg models on page 162.


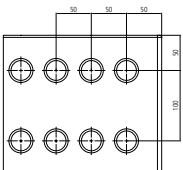
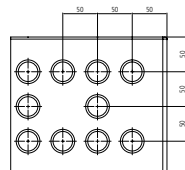
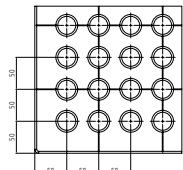
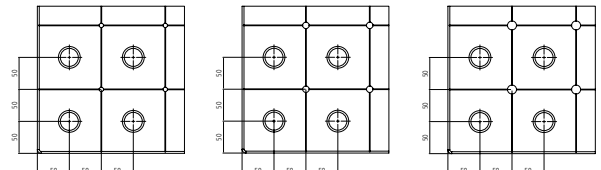


Professional Extreme 8.7 / Professional Extreme 8.8
4000x2000x200 mm

4000x2000x200 - Plasma nitrided	Professional Extreme 8.7 - 100 mm Grid	Professional Extreme 8.7 - Diagonal grid	Professional Extreme 8.8 - 100 mm Grid	Professional Extreme 8.8 - Diagonal grid	Without plasma nitriding reduced price
without legs	2-280055.X7.T1 17,586.00 USD ●	2-280055.XD7.T1 19,392.00 USD ●	2-280055.X8.T1 20,966.00 USD ○	2-280055.XD8.T1 22,632.00 USD ○	2-285155 -1,790.00 USD ○
with Leg standard equipment 650 Table height 850	2-280055.X7 18,322.00 USD ●	2-280055.XD7 20,128.00 USD ●	2-280055.X8 21,702.00 USD ○	2-280055.XD8 23,368.00 USD ○	2-285155 -1,790.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 164) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 650 (see page 170) 	Surcharge Leg with Floor Anchoring 750 (see page 170) 	Surcharge Leg height-adjustable 550-900 (see page 166) 	Surcharge Leg height-adjustable 450-700 (see page 166) 
2-280857.XX ●	2-280874.XX 104.00 USD	2-280875.XX 104.00 USD	2-280877.XX 126.00 USD	2-280878.XX 126.00 USD

Special equipment for welding table Professional Extreme  Example for Diagonal grid + Scale Professional Extreme	Table side panel		Surface		
	Surcharge for table sides double hardened (see page 104) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
2-286755.X ●	2-286655.X 908.00 USD	2-286555.X 6,218.00 USD	M8 2-286155.X 3,780.00 USD	M12 2-286255.X 3,780.00 USD	M16 2-286355.X 3,780.00 USD

Suitable connection frames for this table size can be found on page 370, suitable lifting platforms on page 174.



Professional Extreme 8.7 / Professional Extreme 8.8 - 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 of tables ordered.

Discount:

starting at 2 pieces: 5 %

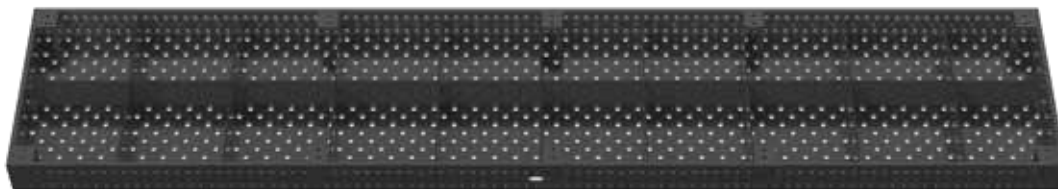
starting at 5 pieces: 10 %

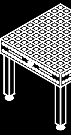
starting at 10 pieces: 15 %

Please find an overview with all information on table leg models on page 162.

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.

Item produced on order.





Professional Extreme 8.7 / Professional Extreme 8.8 - Special Sizes

Dimensions	Professional Extreme 8.7	Professional Extreme 8.8
600 x 600	7,727.00 USD 2-910606.XD7	9,835.00 USD 2-910606.XD
600 x 800	8,224.00 USD 2-910608.XD7	10,467.00 USD 2-910608.XD
600 x 1000	8,723.00 USD 2-910610.XD7	11,102.00 USD 2-910610.XD
600 x 1400	9,717.00 USD 2-910614.XD7	12,367.00 USD 2-910614.XD
600 x 1600	10,216.00 USD 2-910616.XD7	13,002.00 USD 2-910616.XD
600 x 1800	10,713.00 USD 2-910618.XD7	13,635.00 USD 2-910618.XD
600 x 2000	11,210.00 USD 2-910620.XD7	14,268.00 USD 2-910620.XD
600 x 2200	11,709.00 USD 2-910622.XD7	14,902.00 USD 2-910622.XD
600 x 2400	12,206.00 USD 2-910624.XD7	15,535.00 USD 2-910624.XD
600 x 2600	12,703.00 USD 2-910626.XD7	16,168.00 USD 2-910626.XD
600 x 2800	13,202.00 USD 2-910628.XD7	16,802.00 USD 2-910628.XD
600 x 3000	13,699.00 USD 2-910630.XD7	17,435.00 USD 2-910630.XD
600 x 3200	14,196.00 USD 2-910632.XD7	18,068.00 USD 2-910632.XD
600 x 3400	14,695.00 USD 2-910634.XD7	18,702.00 USD 2-910634.XD
600 x 3600	15,192.00 USD 2-910636.XD7	19,335.00 USD 2-910636.XD
600 x 3800	15,689.00 USD 2-910638.XD7	19,968.00 USD 2-910638.XD
600 x 4000	16,188.00 USD 2-910640.XD7	20,602.00 USD 2-910640.XD
800 x 800	8,818.00 USD 2-910808.XD7	11,222.00 USD 2-910808.XD
800 x 1000	9,409.00 USD 2-910810.XD7	11,976.00 USD 2-910810.XD
800 x 1400	10,594.00 USD 2-910814.XD7	13,484.00 USD 2-910814.XD
800 x 1600	11,186.00 USD 2-910816.XD7	14,237.00 USD 2-910816.XD
800 x 1800	11,778.00 USD 2-910818.XD7	14,990.00 USD 2-910818.XD
800 x 2000	12,371.00 USD 2-910820.XD7	15,745.00 USD 2-910820.XD
800 x 2200	12,963.00 USD 2-910822.XD7	16,498.00 USD 2-910822.XD
800 x 2400	13,555.00 USD 2-910824.XD7	17,252.00 USD 2-910824.XD
800 x 2600	14,148.00 USD 2-910826.XD7	18,007.00 USD 2-910826.XD
800 x 2800	14,740.00 USD 2-910828.XD7	18,760.00 USD 2-910828.XD

Dimensions	Professional Extreme 8.7	Professional Extreme 8.8
800 x 3000	15,332.00 USD 2-910830.XD7	19,513.00 USD 2-910830.XD
800 x 3200	15,925.00 USD 2-910832.XD7	20,268.00 USD 2-910832.XD
800 x 3400	16,517.00 USD 2-910834.XD7	21,021.00 USD 2-910834.XD
800 x 3600	17,110.00 USD 2-910836.XD7	21,776.00 USD 2-910836.XD
800 x 3800	17,702.00 USD 2-910838.XD7	22,529.00 USD 2-910838.XD
800 x 4000	18,293.00 USD 2-910840.XD7	23,283.00 USD 2-910840.XD
1000 x 1200	10,784.00 USD 2-911012.XD7	13,725.00 USD 2-911012.XD
1000 x 1400	11,470.00 USD 2-911014.XD7	14,598.00 USD 2-911014.XD
1000 x 1600	12,157.00 USD 2-911016.XD7	15,472.00 USD 2-911016.XD
1000 x 1800	12,844.00 USD 2-911018.XD7	16,347.00 USD 2-911018.XD
1000 x 2200	14,219.00 USD 2-911022.XD7	18,096.00 USD 2-911022.XD
1000 x 2400	14,905.00 USD 2-911024.XD7	18,970.00 USD 2-911024.XD
1000 x 2600	15,591.00 USD 2-911026.XD7	19,844.00 USD 2-911026.XD
1000 x 2800	16,279.00 USD 2-911028.XD7	20,719.00 USD 2-911028.XD
1000 x 3000	16,966.00 USD 2-911030.XD7	21,593.00 USD 2-911030.XD
1000 x 3200	17,652.00 USD 2-911032.XD7	22,466.00 USD 2-911032.XD
1000 x 3400	18,340.00 USD 2-911034.XD7	23,342.00 USD 2-911034.XD
1000 x 3600	19,026.00 USD 2-911036.XD7	24,215.00 USD 2-911036.XD
1000 x 3800	19,714.00 USD 2-911038.XD7	25,091.00 USD 2-911038.XD
1000 x 4000	20,401.00 USD 2-911040.XD7	25,965.00 USD 2-911040.XD
1200 x 1400	12,346.00 USD 2-911214.XD7	15,713.00 USD 2-911214.XD
1200 x 1600	13,128.00 USD 2-911216.XD7	16,709.00 USD 2-911216.XD
1200 x 1800	13,909.00 USD 2-911218.XD7	17,703.00 USD 2-911218.XD
1200 x 2200	15,473.00 USD 2-911222.XD7	19,693.00 USD 2-911222.XD
1200 x 2600	17,036.00 USD 2-911226.XD7	21,683.00 USD 2-911226.XD
1200 x 2800	17,817.00 USD 2-911228.XD7	22,677.00 USD 2-911228.XD
1200 x 3000	18,600.00 USD 2-911230.XD7	23,673.00 USD 2-911230.XD

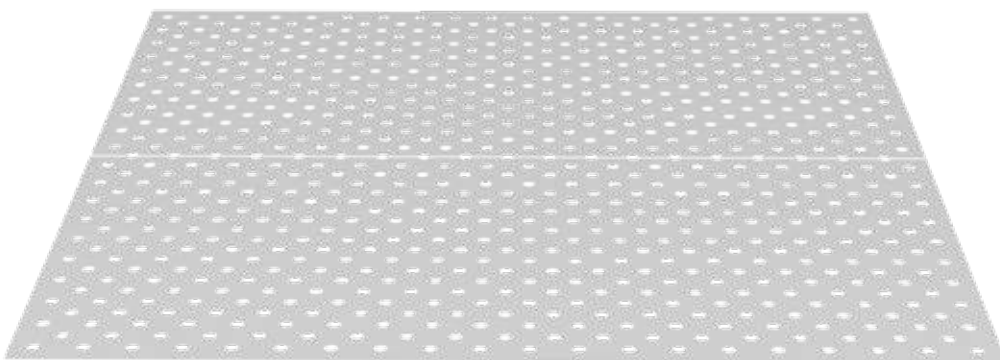
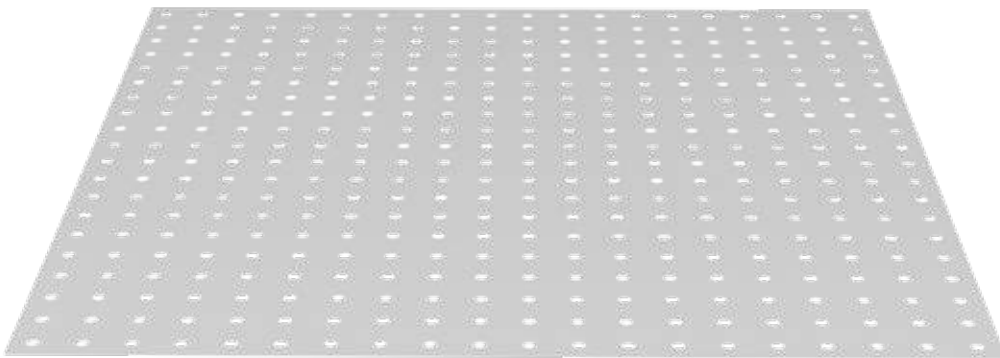
Dimensions	Professional Extreme 8.7	Professional Extreme 8.8
1200 x 3200	19,381.00 USD 2-911232.XD7	24,667.00 USD 2-911232.XD
1200 x 3400	20,162.00 USD 2-911234.XD7	25,661.00 USD 2-911234.XD
1200 x 3600	20,944.00 USD 2-911236.XD7	26,657.00 USD 2-911236.XD
1200 x 3800	21,726.00 USD 2-911238.XD7	27,651.00 USD 2-911238.XD
1200 x 4000	22,508.00 USD 2-911240.XD7	28,647.00 USD 2-911240.XD
1400 x 1400	13,223.00 USD 2-911414.XD7	16,829.00 USD 2-911414.XD
1400 x 1600	14,099.00 USD 2-911416.XD7	17,944.00 USD 2-911416.XD
1400 x 1800	14,976.00 USD 2-911418.XD7	19,060.00 USD 2-911418.XD
1400 x 2000	15,851.00 USD 2-911420.XD7	20,174.00 USD 2-911420.XD
1400 x 2200	16,728.00 USD 2-911422.XD7	21,291.00 USD 2-911422.XD
1400 x 2400	17,604.00 USD 2-911424.XD7	22,405.00 USD 2-911424.XD
1400 x 2600	18,480.00 USD 2-911426.XD7	23,520.00 USD 2-911426.XD
1400 x 2800	19,357.00 USD 2-911428.XD7	24,636.00 USD 2-911428.XD
1400 x 3000	20,233.00 USD 2-911430.XD7	25,751.00 USD 2-911430.XD
1400 x 3200	21,110.00 USD 2-911432.XD7	26,867.00 USD 2-911432.XD
1400 x 3400	21,985.00 USD 2-911434.XD7	27,981.00 USD 2-911434.XD
1400 x 3600	22,863.00 USD 2-911436.XD7	29,098.00 USD 2-911436.XD
1400 x 3800	23,738.00 USD 2-911438.XD7	30,212.00 USD 2-911438.XD

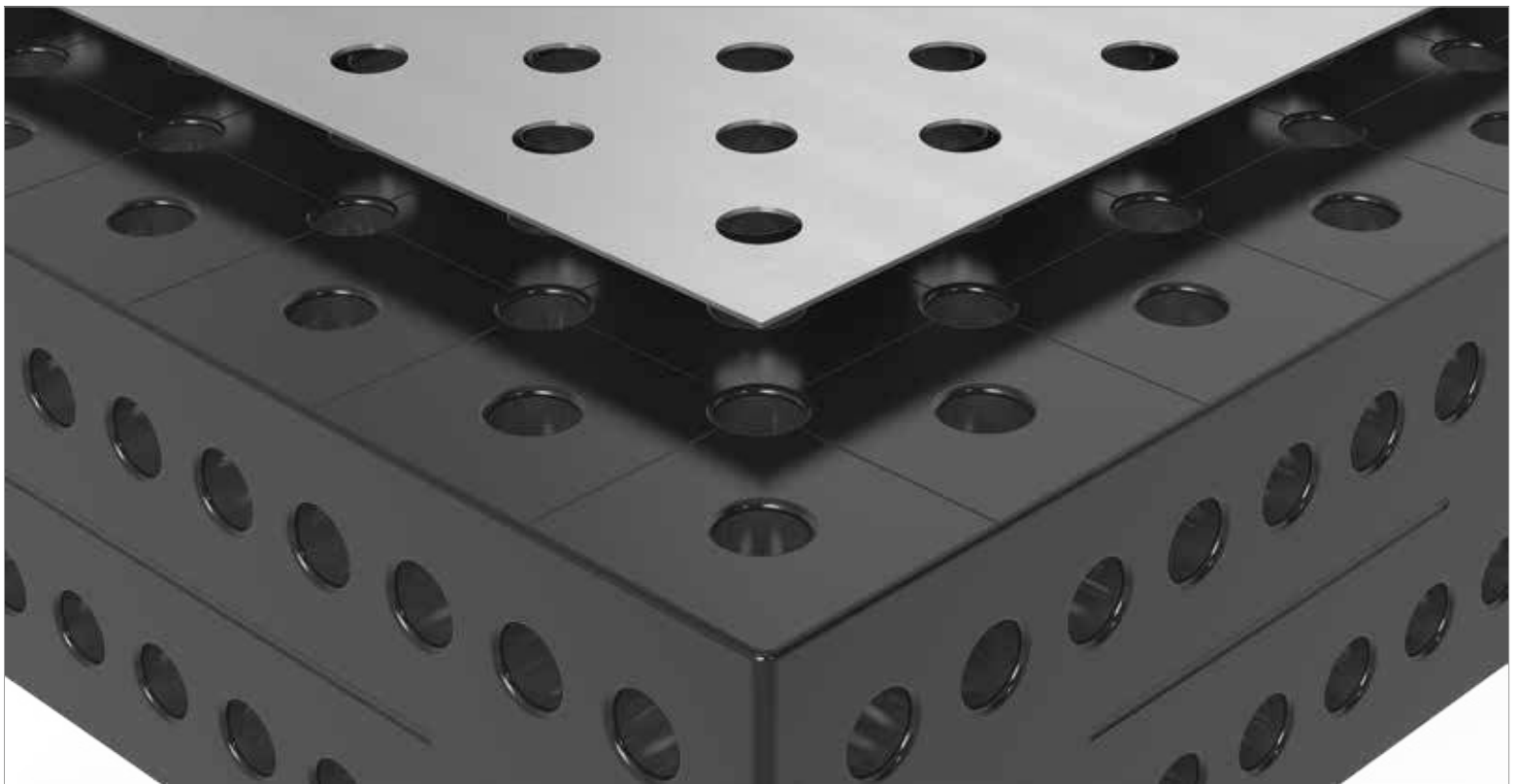
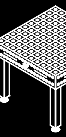
Perforated Aluminum Plate

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.

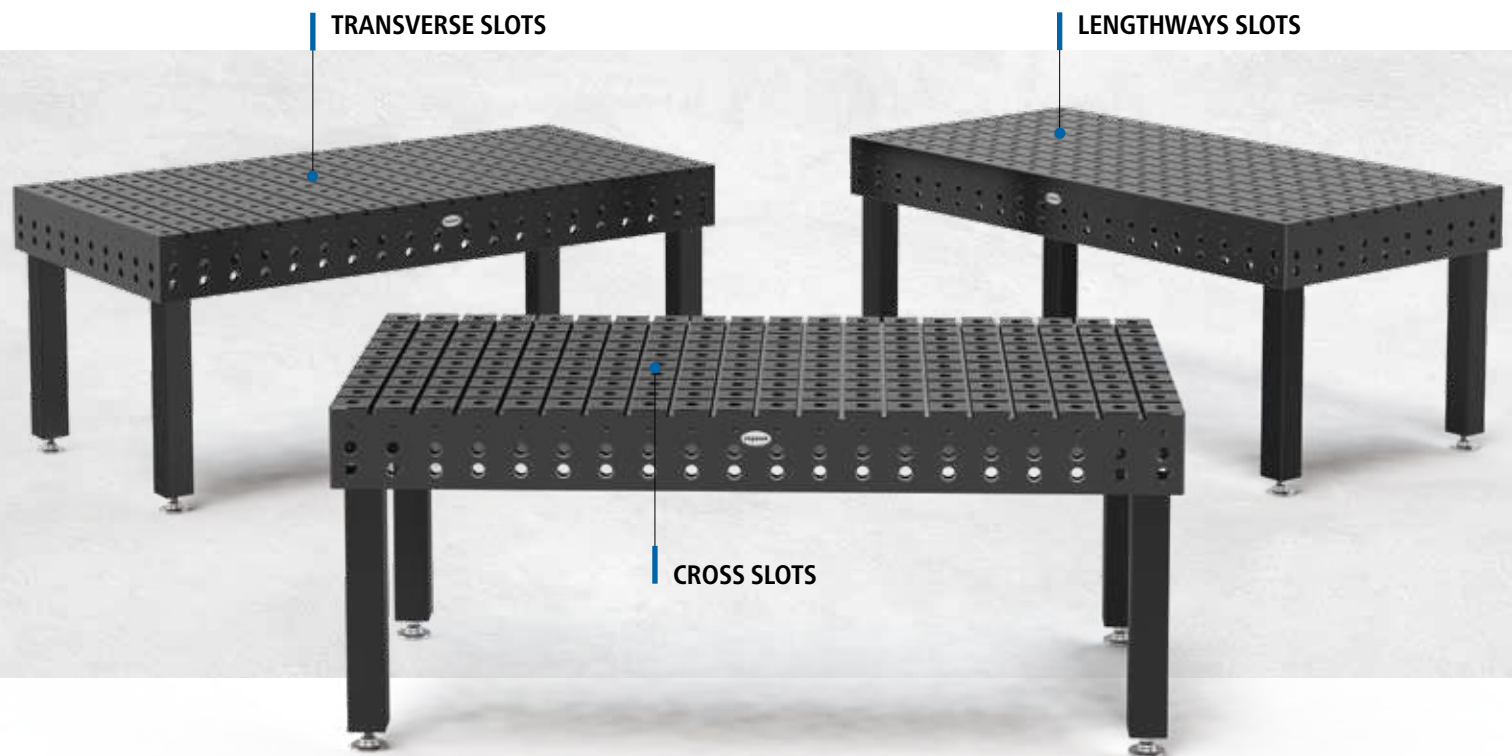




	Length: (a)	Width: (b)	Height: (c)	Weight:	Grid element spacing 100 mm	Diagonal grid
Perforated Aluminum Plate for Table 280010	994 mm	994 mm	2 mm	approx. 5,00 kg	2-280200 218.00 USD	2-280200.D 278.00 USD
Perforated Aluminum Plate for Table 280025	1194 mm	794 mm	2 mm	approx. 4,80 kg	2-280202 210.00 USD	2-280202.D 268.00 USD
Perforated Aluminum Plate for Table 280015	1194 mm	1194 mm	2 mm	approx. 7,30 kg	2-280204 314.00 USD	2-280204.D 402.00 USD
Perforated Aluminum Plate for Table 280035	1494 mm	994 mm	2 mm	approx. 7,50 kg	2-280206 328.00 USD	2-280206.D 416.00 USD
Perforated Aluminum Plate for Table 280050	1494 mm	1494 mm	2 mm	approx. 11 kg	2-280207 492.00 USD	2-280207.D 626.00 USD
Perforated Aluminum Plate for Table 280020	1994 mm	994 mm	2 mm	approx. 10 kg	2-280201 438.00 USD	2-280201.D 558.00 USD
Perforated Aluminum Plate for Table 280060	994 mm	1194 mm	2 mm	approx. 6,00 kg	2-280208 264.00 USD	2-280208.D 334.00 USD
Perforated Aluminum Plate for Table 280060 (2x 280208 / 280208.D)				approx. 12 kg	2-280208.2 524.00 USD	2-280208.D.2 668.00 USD
Perforated Aluminum Plate for Table 280045 (2x 280201 / 280201.D)				approx. 20 kg	2-280201.2 876.00 USD	2-280201.D.2 1,114.00 USD
Perforated Aluminum Plate for Table 280030 (2x 280204 / 280204.D)				approx. 15 kg	2-280204.2 630.00 USD	2-280204.D.2 802.00 USD
Perforated Aluminum Plate for Table 280040 (2x 280207 / 280207.D)				approx. 23 kg	2-280207.2 986.00 USD	2-280207.D.2 1,248.00 USD
Perforated Aluminum Plate for Table 280055 (4x 280201 / 280201.D)				approx. 40 kg	2-280201.4 1,752.00 USD	2-280201.D.4 2,230.00 USD
Perforated Aluminum Plate for Table 280040 (3x 280206 / 280206.D)				approx. 23 kg	2-280206.3 984.00 USD	2-280206.D.3 1,248.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

T-Slot Tables



T-Slot Tables

T-Slot Tables are manufactured of S355J2+N 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

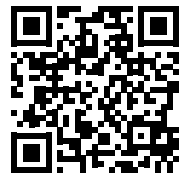


TABLE LEGS

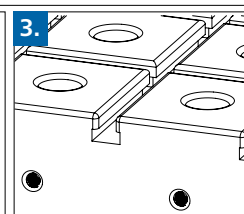
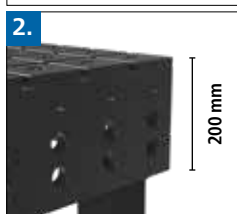
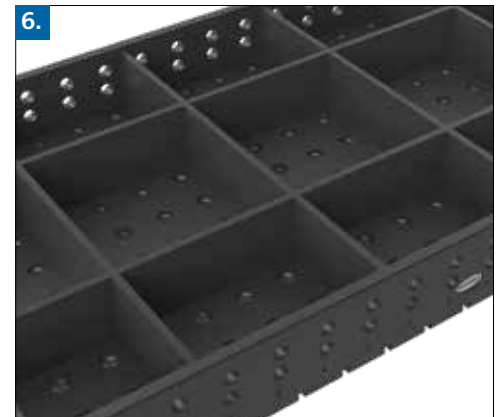
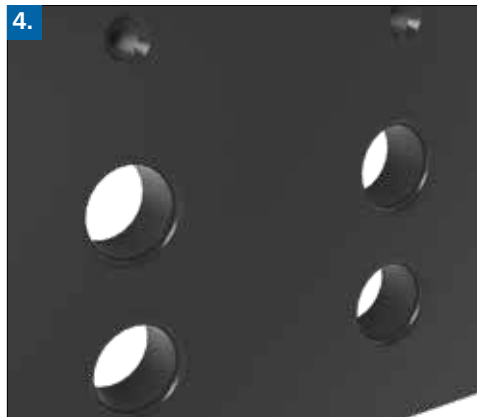
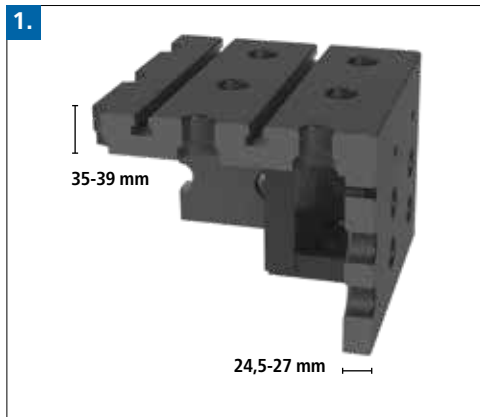
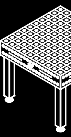


Page 164
Leg standard equipment



reddot design award
winner 2012





1. MATERIAL THICKNESS

- approx. 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

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 246)

5. THREADED BORE HOLE

Extra charges for modifications:

- distance of thread 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 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 8.7 Welding Table also pertain to T-slot Table. See page 103, item 2, 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 140.

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 162.

Please find pictures for every product size at www.siegmund.com.



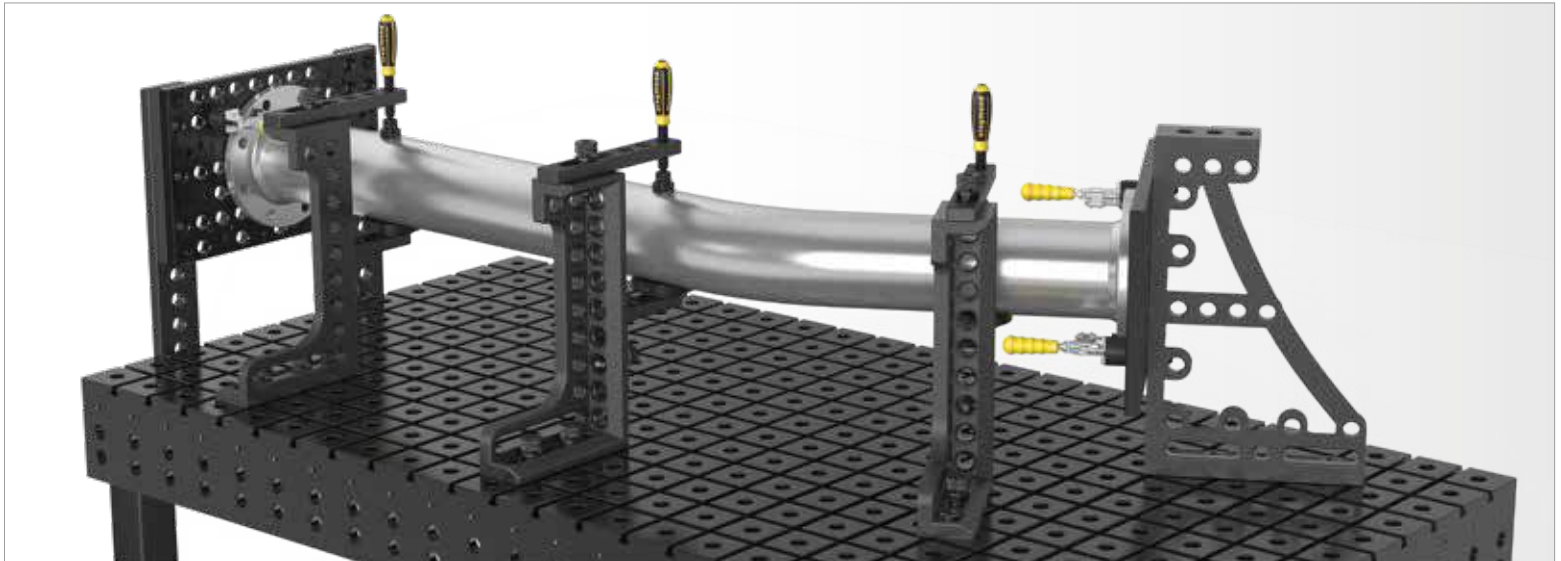
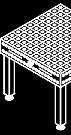
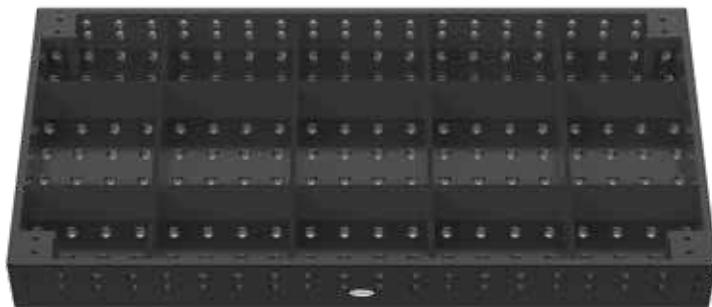


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table with cross slots Plasma nitrided
T-Slot Table 1000x1000x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 520 kg	2-280010.PN 7,814.00 USD ○
T-Slot Table 1200x800x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 488 kg	2-280025.PN 7,584.00 USD ○
T-Slot Table 1200x1200x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 725 kg	2-280015.PN 10,510.00 USD ○
T-Slot Table 1500x1000x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 728 kg	2-280035.PN 10,868.00 USD ○
T-Slot Table 1500x1500x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 1026 kg	2-280050.PN 14,888.00 USD ○
T-Slot Table 2000x1000x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 928 kg	2-280020.PN 13,372.00 USD ○
T-Slot Table 2000x1200x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1069 kg	2-280060.PN 15,098.00 USD ○
T-Slot Table 2000x2000x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1671 kg	2-280045.PN 24,320.00 USD ○
T-Slot Table 2400x1200x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1269 kg	2-280030.PN 17,942.00 USD ○
T-Slot Table 3000x1500x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1938 kg	2-280040.PN 25,154.00 USD ○
T-Slot Table 4000x2000x200 Plasma nitrided with cross slots with Leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3270 kg	2-280055.PN 41,608.00 USD ○
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 140.

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 162.

Please find pictures for every product size at www.siegmund.com.

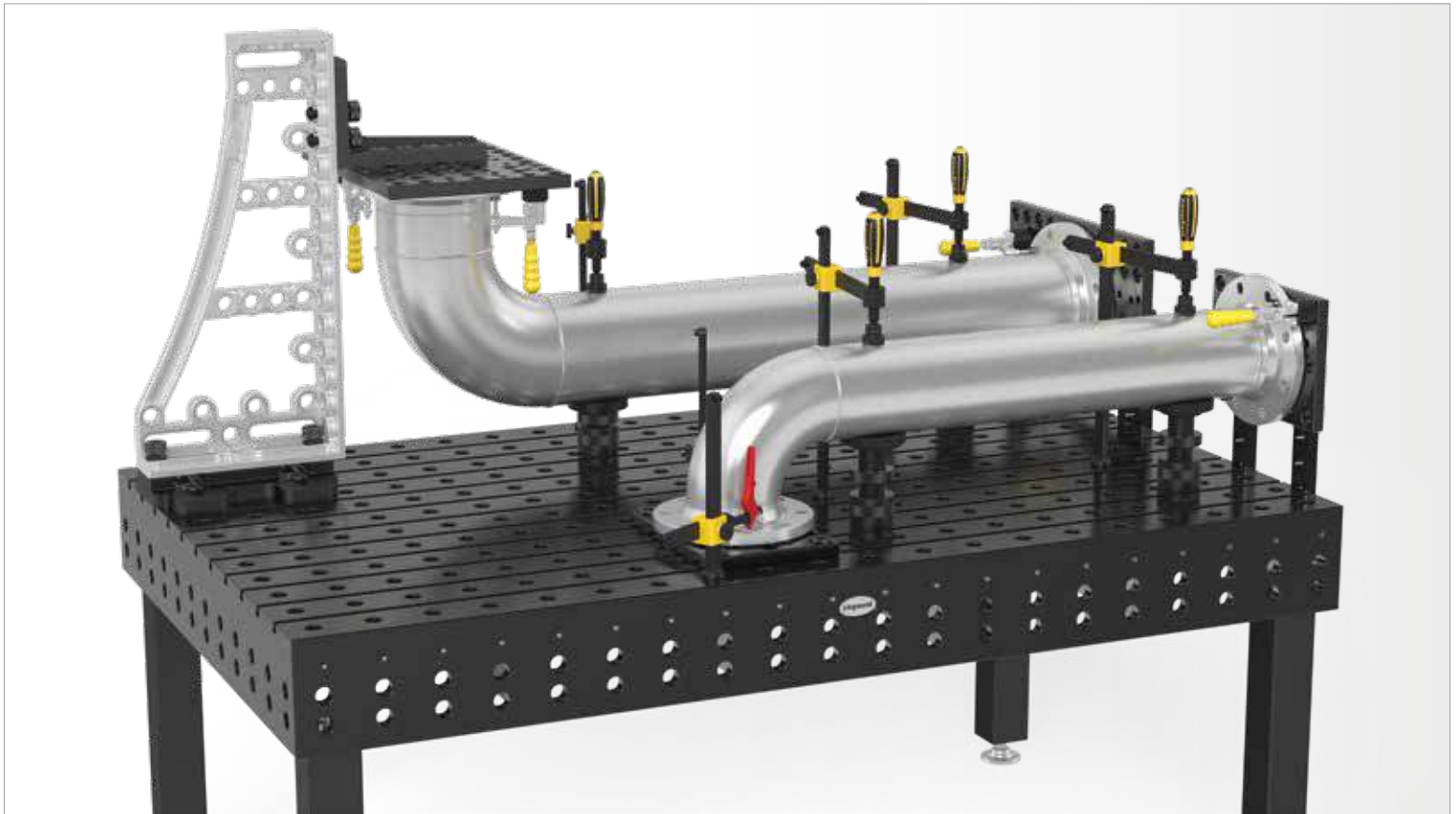
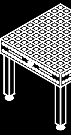


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table with lengthways slots Plasma nitrided
T-Slot Table 1200x800x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 505 kg	2-280025.PNL 6,442.00 USD ○
T-Slot Table 1500x1000x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 756 kg	2-280035.PNL 9,200.00 USD ○
T-Slot Table 2000x1000x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 965 kg	2-280020.PNL 11,306.00 USD ○
T-Slot Table 2000x1200x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1114 kg	2-280060.PNL 12,754.00 USD ○
T-Slot Table 2400x1200x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1323 kg	2-280030.PNL 15,142.00 USD ○
T-Slot Table 3000x1500x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 2023 kg	2-280040.PNL 21,236.00 USD ○
T-Slot Table 4000x2000x200 Plasma nitrided with lengthways slots with Leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3422 kg	2-280055.PNL 35,094.00 USD ○
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 140.

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 162.

Please find pictures for every product size at www.siegmund.com.

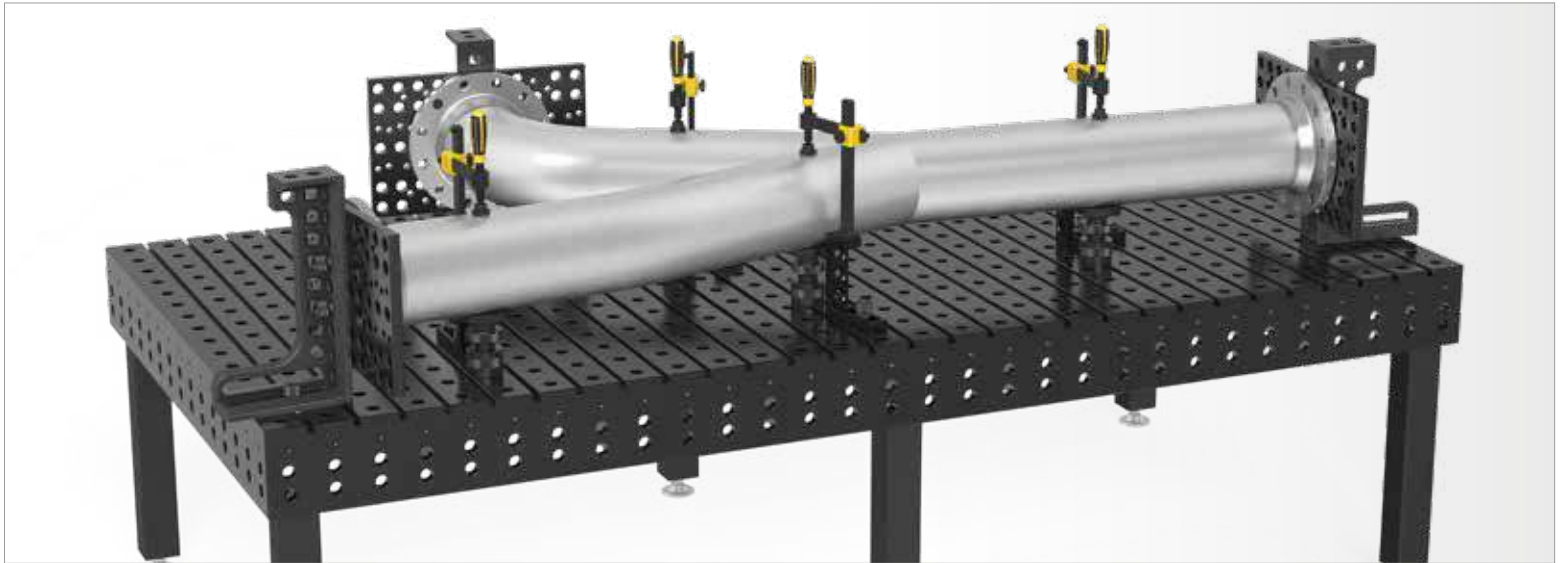
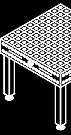


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	T-Slot Table with transverse slots Plasma nitrided
T-Slot Table 1000x1000x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 537 kg	2-280010.PNK 6,784.00 USD ○
T-Slot Table 1200x800x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 504 kg	2-280025.PNK 6,584.00 USD ○
T-Slot Table 1200x1200x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 751 kg	2-280015.PNK 9,102.00 USD ○
T-Slot Table 1500x1000x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 755 kg	2-280035.PNK 9,408.00 USD ○
T-Slot Table 1500x1500x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 1067 kg	2-280050.PNK 12,868.00 USD ○
T-Slot Table 2000x1000x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 963 kg	2-280020.PNK 11,562.00 USD ○
T-Slot Table 2000x1200x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 1112 kg	2-280060.PNK 13,048.00 USD ○
T-Slot Table 2000x2000x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1745 kg	2-280045.PNK 20,976.00 USD ○
T-Slot Table 2400x1200x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 1321 kg	2-280030.PNK 15,492.00 USD ○
T-Slot Table 3000x1500x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 2020 kg	2-280040.PNK 21,726.00 USD ○
T-Slot Table 4000x2000x200 Plasma nitrided with transverse slots with Leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 3417 kg	2-280055.PNK 35,908.00 USD ○
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

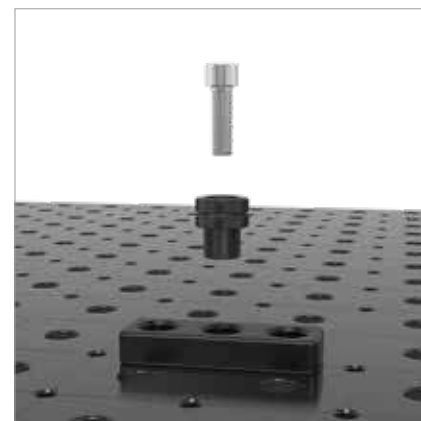
The surcharge for a table with a different leg style equals the price difference between the leg standard equipment and the requested leg.
Weight = Table + Pallet + Leg standard equipment

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

Description:

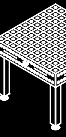
Burnished Clamp Sleeve for T-slot tables, perfect connecting element between Siegmund components and T-slot table, in combination with the T-Nut (Item No. 280547).

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.
Clamp Bushing for M10 Thread - T-Slot Table - incl. screw - burnished	28 mm	40 mm	0,11 kg	2-280546 26.00 USD ●
Clamp Bushing for M8 thread - incl. screw - burnished	28 mm	40 mm	0,11 kg	2-280546.1 26.00 USD ●
Clamp Bushing for M12 thread - incl. screw - burnished	28 mm	40 mm	0,10 kg	2-280546.2 26.00 USD ●
Clamp Bushing for M16 thread - incl. screw - burnished	45 mm	40 mm	0,21 kg	2-280546.3 26.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



T-Nut

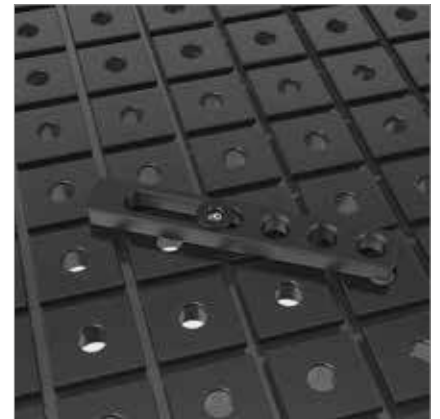
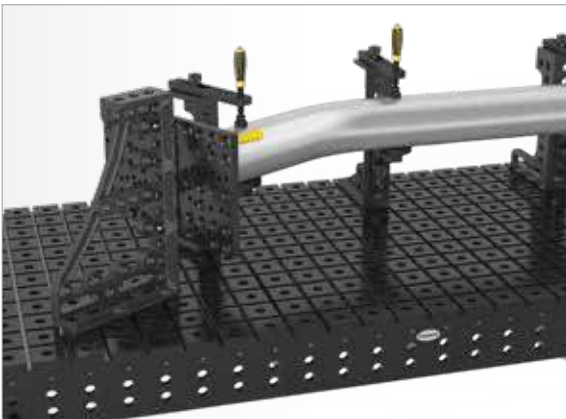
Description:

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



280547

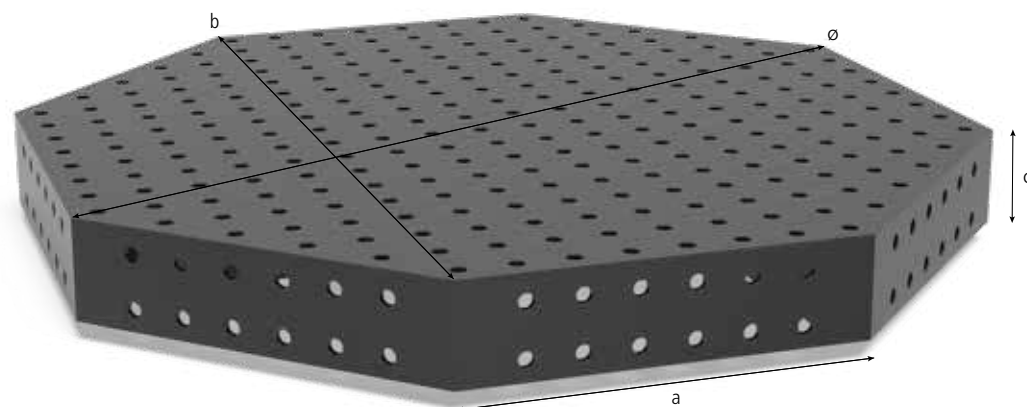
280547.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
T-Nut 18 - with M10 thread - DIN 508	18 mm	18 mm	14 mm	0,02 kg	2-280547 14.00 USD ●
T-Nut 30 - with M10 thread - DIN 508	30 mm	18 mm	14 mm	0,04 kg	2-280547.1 22.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Octagonal Table with table side 200 mm Premium Light



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.

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

Material: Through-hardened tool steel out of special alloy Siegmund X8.7.

Prices based on quantity.

Discount:

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

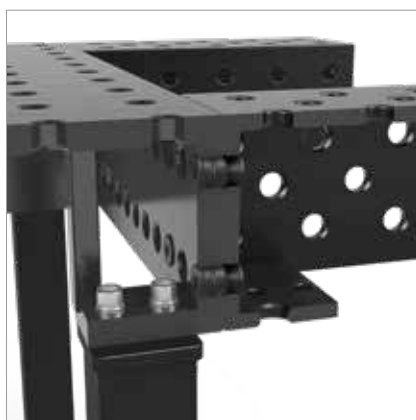
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

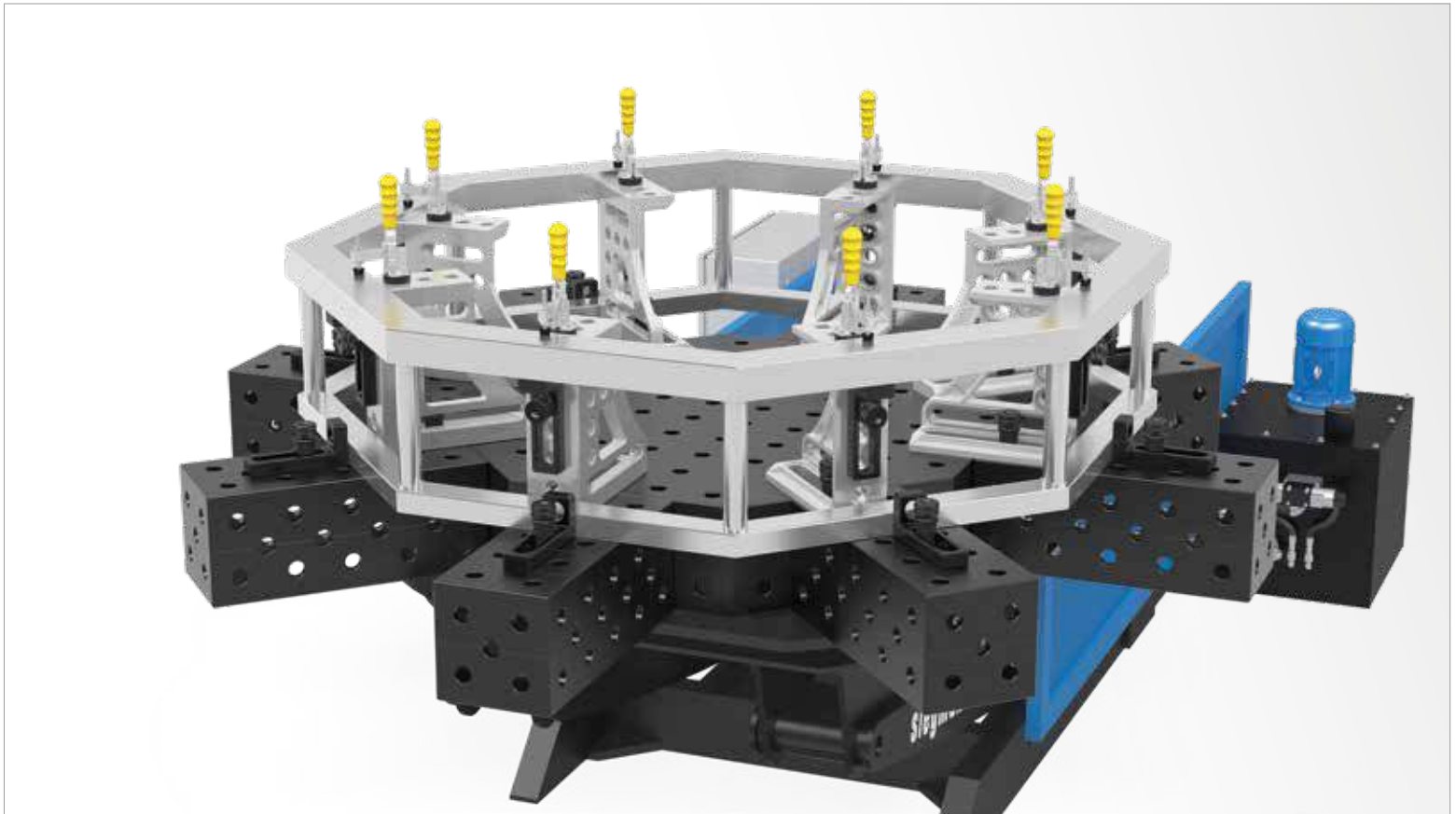
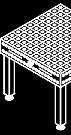
Due to customer specific adaptation the weight can vary.

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.

Foot plates or adapter plates are not included as standard in the octagonal tables.



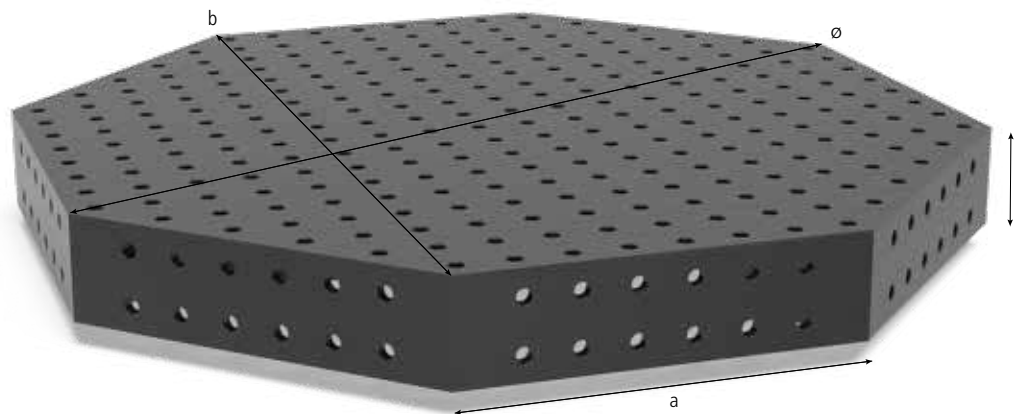


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table Premium Light SW 800x200 Plasma nitrided without legs	331 mm	800 mm	200 mm	866 mm	15 mm	approx. 216 kg	2-820800.P 7,138.00 USD ○
Octagonal Table Premium Light SW 1000x200 Plasma nitrided without legs	414 mm	1000 mm	200 mm	1082 mm	15 mm	approx. 280 kg	2-821000.P 8,188.00 USD ○
Octagonal Table Premium Light SW 1200x200 Plasma nitrided without legs	497 mm	1200 mm	200 mm	1299 mm	15 mm	approx. 367 kg	2-821200.P 12,178.00 USD ○
Octagonal Table Premium Light SW 1400x200 Plasma nitrided without legs	580 mm	1400 mm	200 mm	1515 mm	15 mm	approx. 467 kg	2-821400.P 13,228.00 USD ○
Octagonal Table Premium Light SW 1500x200 Plasma nitrided without legs	621 mm	1500 mm	200 mm	1624 mm	15 mm	approx. 511 kg	2-821500.P 14,278.00 USD ○
Octagonal Table Premium Light SW 1600x200 Plasma nitrided without legs	663 mm	1600 mm	200 mm	1732 mm	15 mm	approx. 585 kg	2-821600.P 15,328.00 USD ○
Octagonal Table Premium Light SW 1700x200 Plasma nitrided without legs	704 mm	1700 mm	200 mm	1840 mm	15 mm	approx. 630 kg	2-821700.P 16,632.00 USD ○
Octagonal Table Premium Light SW 1800x200 Plasma nitrided without legs	746 mm	1800 mm	200 mm	1948 mm	15 mm	approx. 679 kg	2-821800.P 16,378.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

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 Steel.

Prices based on quantity.

Discount:

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

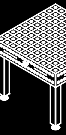
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

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.

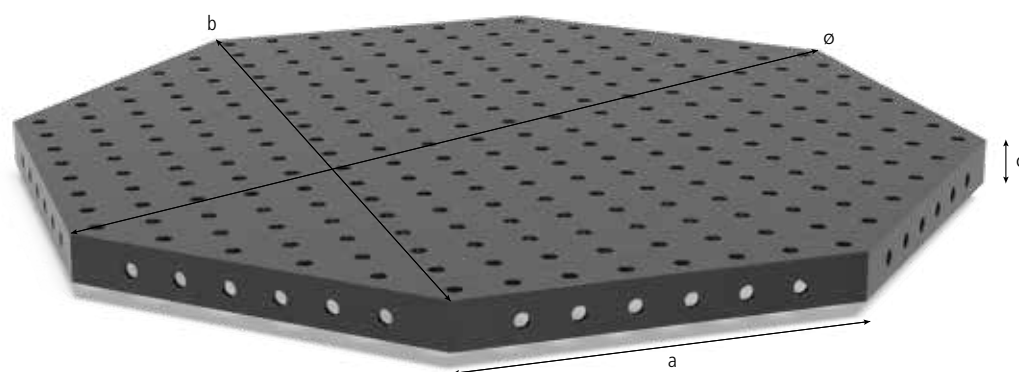
Foot plates or adapter plates are not included as standard in the octagonal tables.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table SW 800x200 Plasma nitrided without legs	331 mm	800 mm	200 mm	866 mm	25 mm	approx. 291 kg	2-920800.P 7,138.00 USD ○
Octagonal Table SW 1000x200 Plasma nitrided without legs	414 mm	1000 mm	200 mm	1082 mm	25 mm	approx. 386 kg	2-921000.P 8,188.00 USD ○
Octagonal Table SW 1200x200 Plasma nitrided without legs	497 mm	1200 mm	200 mm	1299 mm	25 mm	approx. 513 kg	2-921200.P 12,178.00 USD ○
Octagonal Table SW 1400x200 Plasma nitrided without legs	580 mm	1400 mm	200 mm	1515 mm	25 mm	approx. 656 kg	2-921400.P 13,228.00 USD ○
Octagonal Table SW 1500x200 Plasma nitrided without legs	621 mm	1500 mm	200 mm	1624 mm	25 mm	approx. 725 kg	2-921500.P 14,278.00 USD ○
Octagonal Table SW 1600x200 Plasma nitrided without legs	663 mm	1600 mm	200 mm	1732 mm	25 mm	approx. 825 kg	2-921600.P 15,328.00 USD ○
Octagonal Table SW 1700x200 Plasma nitrided without legs	704 mm	1700 mm	200 mm	1840 mm	25 mm	approx. 896 kg	2-921700.P 16,632.00 USD ○
Octagonal Table SW 1800x200 Plasma nitrided without legs	746 mm	1800 mm	200 mm	1948 mm	25 mm	approx. 974 kg	2-921800.P 16,378.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Octagonal Table with table side 100 mm Premium Light



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.

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

Material: Through-hardened tool steel out of special alloy Siegmund X8.7.

Prices based on quantity.

Discount:

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

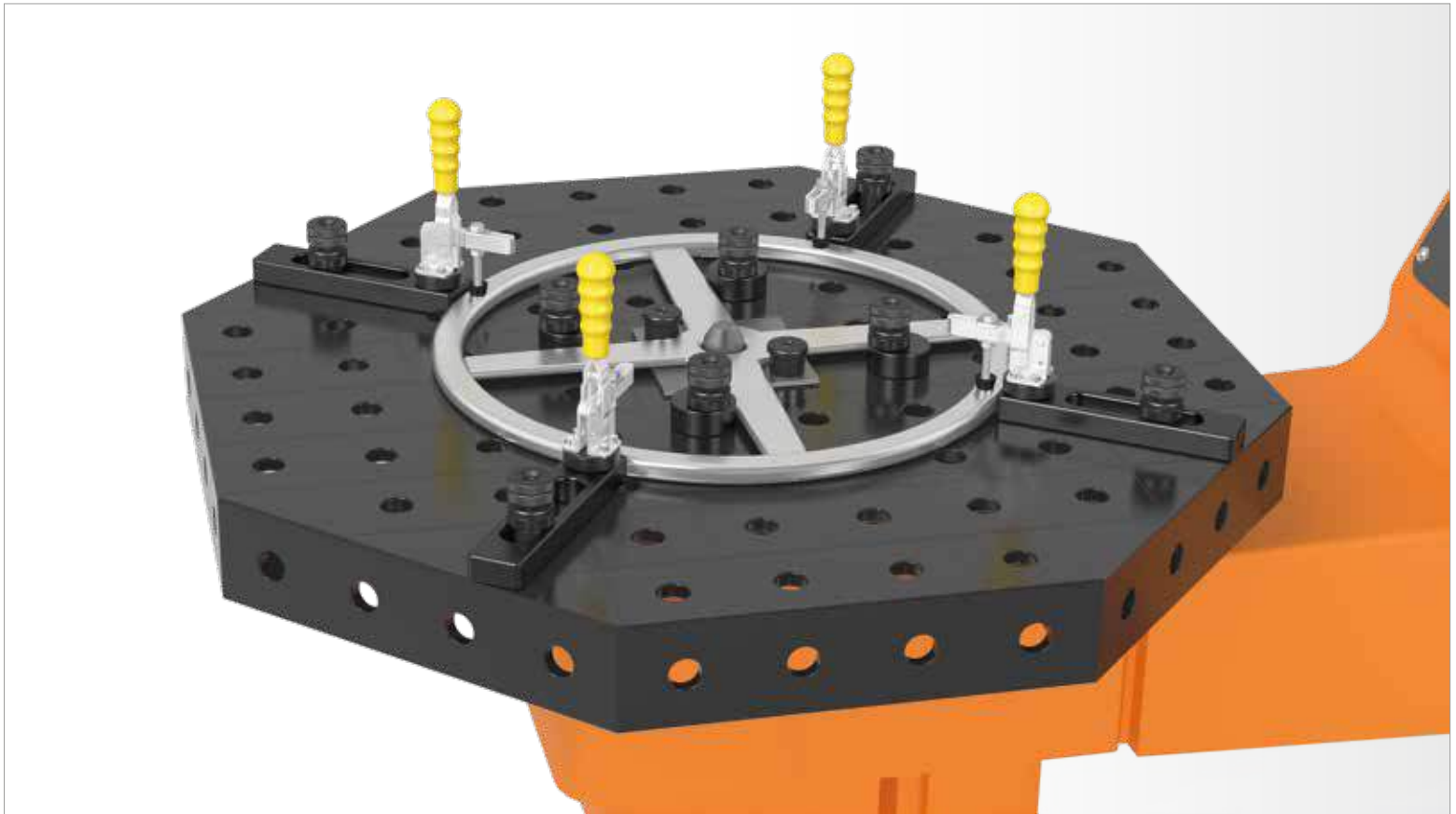
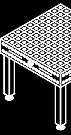
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

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.

Foot plates or adapter plates are not included as standard in the octagonal tables.

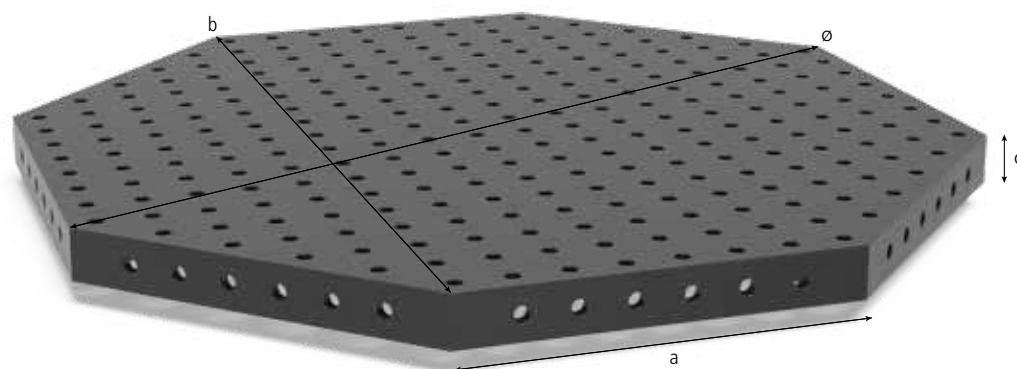


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table Premium Light SW 800x100 Plasma nitrided without legs	331 mm	800 mm	100 mm	866 mm	15 mm	approx. 150 kg	2-820800.1.P 6,298.00 USD ○
Octagonal Table Premium Light SW 1000x100 Plasma nitrided without legs	414 mm	1000 mm	100 mm	1082 mm	15 mm	approx. 197 kg	2-821000.1.P 7,138.00 USD ○
Octagonal Table Premium Light SW 1200x100 Plasma nitrided without legs	497 mm	1200 mm	100 mm	1299 mm	15 mm	approx. 266 kg	2-821200.1.P 9,238.00 USD ○
Octagonal Table Premium Light SW 1400x100 Plasma nitrided without legs	580 mm	1400 mm	100 mm	1515 mm	15 mm	approx. 350 kg	2-821400.1.P 11,338.00 USD ○
Octagonal Table Premium Light SW 1500x100 Plasma nitrided without legs	621 mm	1500 mm	100 mm	1624 mm	15 mm	approx. 385 kg	2-821500.1.P 12,178.00 USD ○
Octagonal Table Premium Light SW 1600x100 Plasma nitrided without legs	663 mm	1600 mm	100 mm	1732 mm	15 mm	approx. 450 kg	2-821600.1.P 12,598.00 USD ○
Octagonal Table Premium Light SW 1700x100 Plasma nitrided without legs	704 mm	1700 mm	100 mm	1840 mm	15 mm	approx. 487 kg	2-821700.1.P 14,138.00 USD ○
Octagonal Table Premium Light SW 1800x100 Plasma nitrided without legs	746 mm	1800 mm	100 mm	1948 mm	15 mm	approx. 530 kg	2-821800.1.P 15,328.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

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 Steel.

Prices based on quantity.

Discount:

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

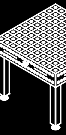
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

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.

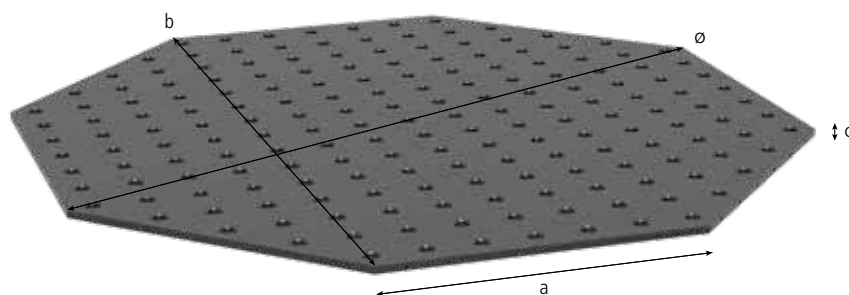
Foot plates or adapter plates are not included as standard in the octagonal tables.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table SW 800x100 Plasma nitrided without legs	331 mm	800 mm	100 mm	866 mm	25 mm	approx. 203 kg	2-920800.1.P 6,298.00 USD ○
Octagonal Table SW 1000x100 Plasma nitrided without legs	414 mm	1000 mm	100 mm	1082 mm	25 mm	approx. 277 kg	2-921000.1.P 7,138.00 USD ○
Octagonal Table SW 1200x100 Plasma nitrided without legs	497 mm	1200 mm	100 mm	1299 mm	25 mm	approx. 380 kg	2-921200.1.P 9,238.00 USD ○
Octagonal Table SW 1400x100 Plasma nitrided without legs	580 mm	1400 mm	100 mm	1515 mm	25 mm	approx. 501 kg	2-921400.1.P 11,338.00 USD ○
Octagonal Table SW 1500x100 Plasma nitrided without legs	621 mm	1500 mm	100 mm	1624 mm	25 mm	approx. 557 kg	2-921500.1.P 12,178.00 USD ○
Octagonal Table SW 1600x100 Plasma nitrided without legs	663 mm	1600 mm	100 mm	1732 mm	25 mm	approx. 645 kg	2-921600.1.P 12,598.00 USD ○
Octagonal Table SW 1700x100 Plasma nitrided without legs	704 mm	1700 mm	100 mm	1840 mm	25 mm	approx. 705 kg	2-921700.1.P 14,138.00 USD ○
Octagonal Table SW 1800x100 Plasma nitrided without legs	746 mm	1800 mm	100 mm	1948 mm	25 mm	approx. 771 kg	2-921800.1.P 15,328.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Octagonal Plate without side panel Premium Light



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.

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

Material: Through-hardened tool steel out of special alloy Siegmund X8.7.

Prices based on quantity.

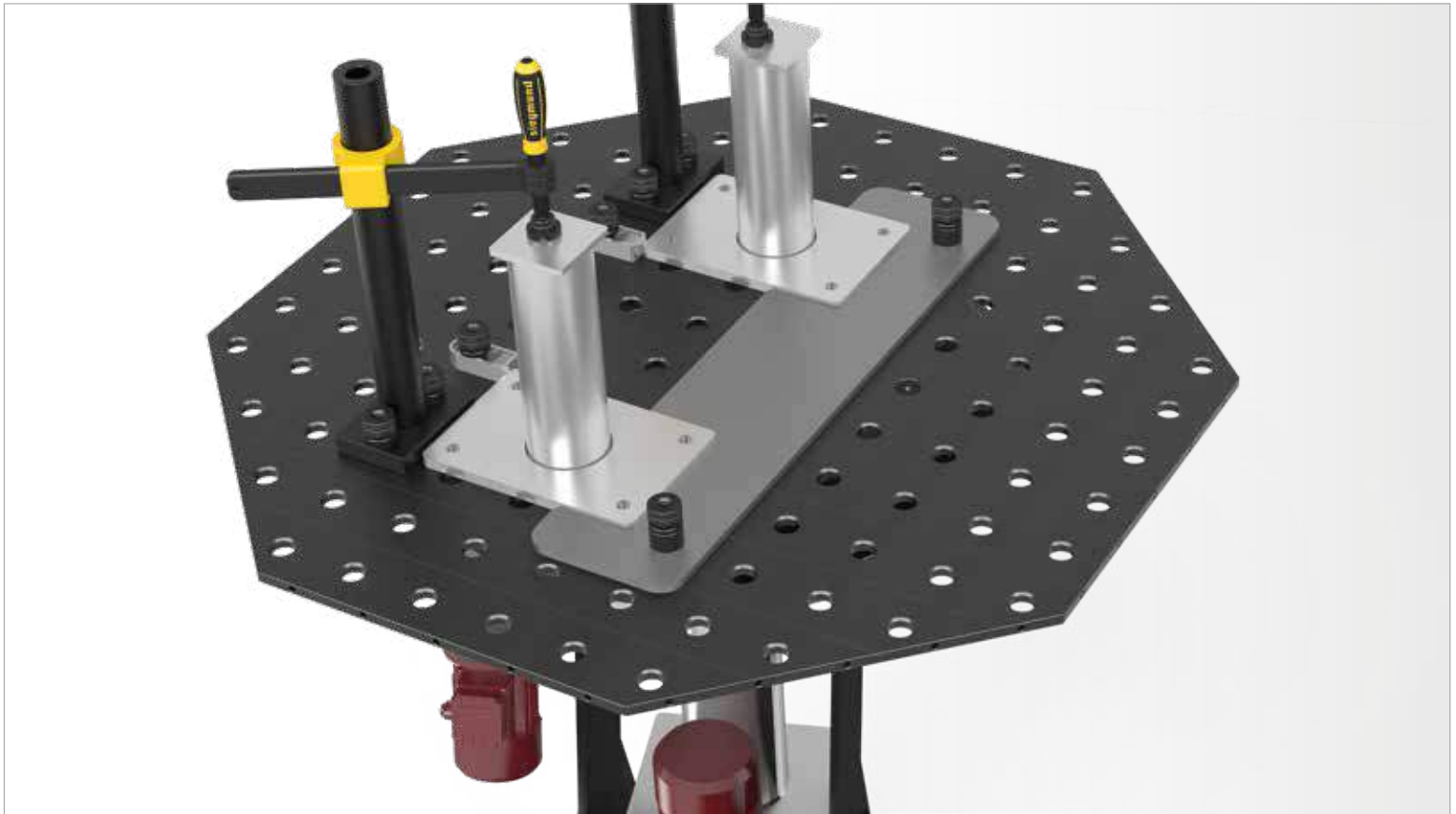
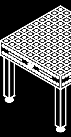
Discount:

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.siegmund.com.

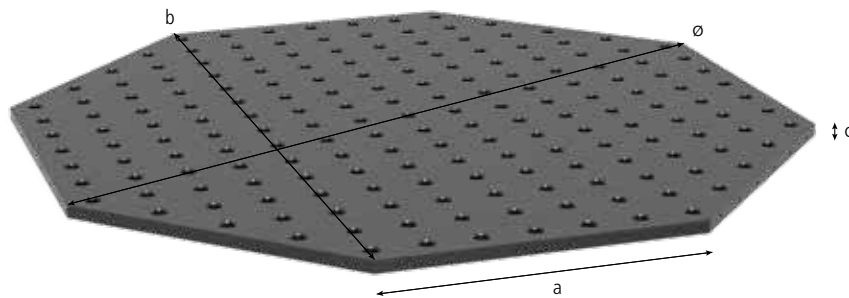


	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Plate Premium Light SW 600x15 Plasma nitrided without legs	249 mm	600 mm	15 mm	649 mm	15 mm	approx. 69 kg	2-840600.P 3,358.00 USD ○
Octagonal Plate Premium Light SW 800x15 Plasma nitrided without legs	331 mm	800 mm	15 mm	866 mm	15 mm	approx. 95 kg	2-840800.P 4,198.00 USD ○
Octagonal Plate Premium Light SW 1000x15 Plasma nitrided without legs	414 mm	1000 mm	15 mm	1082 mm	15 mm	approx. 142 kg	2-841000.P 5,038.00 USD ○
Octagonal Plate Premium Light SW 1200x15 Plasma nitrided without legs	497 mm	1200 mm	15 mm	1299 mm	15 mm	approx. 205 kg	2-841200.P 6,350.00 USD ○
Octagonal Plate Premium Light SW 1400x15 Plasma nitrided without legs	580 mm	1400 mm	15 mm	1515 mm	15 mm	approx. 254 kg	2-841400.P 7,988.00 USD ○
Octagonal Plate Premium Light SW 1500x15 Plasma nitrided without legs	621 mm	1500 mm	15 mm	1636 mm	15 mm	approx. 310 kg	2-841500.P 8,468.00 USD ○
Additional sizes upon request							. ○
Surcharge for customer specific modification by hole pattern adaption.							0-940000.1 790.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

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 Steel.

Prices based on quantity.

Discount:

starting at 2 pieces: 5 %

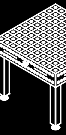
starting at 5 pieces: 10 %

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.siegmund.com.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Plate SW 600x25 Plasma nitrided without legs	249 mm	600 mm	25 mm	649 mm	25 mm	approx. 94 kg	2-940600.P 3,358.00 USD ○
Octagonal Plate SW 800x25 Plasma nitrided without legs	331 mm	800 mm	25 mm	866 mm	25 mm	approx. 139 kg	2-940800.P 4,198.00 USD ○
Octagonal Plate SW 1000x25 Plasma nitrided without legs	414 mm	1000 mm	25 mm	1082 mm	25 mm	approx. 198 kg	2-941000.P 5,038.00 USD ○
Octagonal Plate SW 1200x25 Plasma nitrided without legs	497 mm	1200 mm	25 mm	1299 mm	25 mm	approx. 281 kg	2-941200.P 6,350.00 USD ○
Octagonal Plate SW 1400x25 Plasma nitrided without legs	580 mm	1400 mm	25 mm	1515 mm	25 mm	approx. 388 kg	2-941400.P 7,988.00 USD ○
Octagonal Plate SW 1500x25 Plasma nitrided without legs	621 mm	1500 mm	25 mm	1636 mm	25 mm	approx. 435 kg	2-941500.P 8,468.00 USD ○
Additional sizes upon request							. ○
Surcharge for customer specific modification by hole pattern adaption.							0-940000.1 790.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 m²
Further sizes upon request.
Material: S355J2+N Steel + plasma nitration

Prices based on quantity.

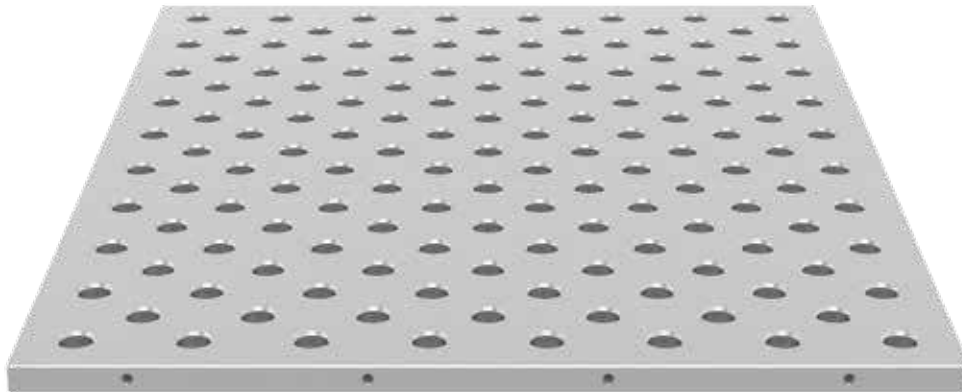
Discount:

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

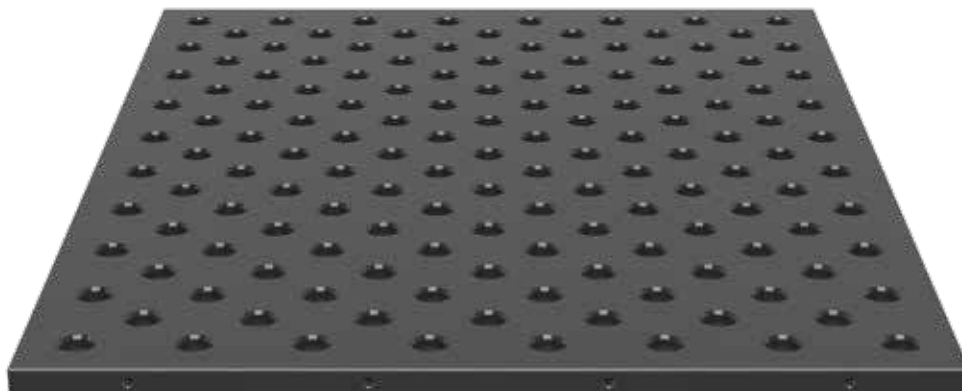
By request, the Clamping and Replacement Plate is also available in stainless steel.

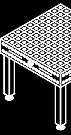
Additional threaded holes available on request.

Please find pictures for every product size at www.siegmund.com.



Weight: approx. 137 kg





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

Dimensions	Plasma nitrided	Steel S355J2+N
600 x 800	2,913.00 USD 2-940608.PD	2,439.00 USD 2-940608.D
600 x 1000	3,323.00 USD 2-940610.PD	2,784.00 USD 2-940610.D
600 x 1200	3,733.00 USD 2-940612.PD	3,130.00 USD 2-940612.D
800 x 800	3,461.00 USD 2-940808.PD	2,900.00 USD 2-940808.D
800 x 1000	2,393.00 USD 2-940810.PD	1,994.00 USD 2-940810.D
800 x 1200	4,557.00 USD 2-940812.PD	3,823.00 USD 2-940812.D
800 x 1400	5,105.00 USD 2-940814.PD	4,284.00 USD 2-940814.D
800 x 1600	5,652.00 USD 2-940816.PD	4,745.00 USD 2-940816.D
800 x 1800	6,200.00 USD 2-940818.PD	5,206.00 USD 2-940818.D
800 x 2000	6,748.00 USD 2-940820.PD	5,667.00 USD 2-940820.D
800 x 2200	7,296.00 USD 2-940822.PD	6,129.00 USD 2-940822.D
800 x 2400	7,844.00 USD 2-940824.PD	6,590.00 USD 2-940824.D
1000 x 1000	4,695.00 USD 2-941010.PD	3,939.00 USD 2-941010.D
1000 x 1200	5,380.00 USD 2-941012.PD	4,517.00 USD 2-941012.D
1000 x 1400	6,066.00 USD 2-941014.PD	5,094.00 USD 2-941014.D
1000 x 1600	6,752.00 USD 2-941016.PD	5,671.00 USD 2-941016.D
1000 x 1800	7,437.00 USD 2-941018.PD	6,249.00 USD 2-941018.D
1000 x 2000	8,123.00 USD 2-941020.PD	6,826.00 USD 2-941020.D
1000 x 2200	8,809.00 USD 2-941022.PD	7,404.00 USD 2-941022.D
1000 x 2400	9,494.00 USD 2-941024.PD	7,981.00 USD 2-941024.D
1200 x 1200	6,204.00 USD 2-941212.PD	5,210.00 USD 2-941212.D
1200 x 1400	7,027.00 USD 2-941214.PD	5,904.00 USD 2-941214.D
1200 x 1600	7,852.00 USD 2-941216.PD	6,598.00 USD 2-941216.D
1200 x 1800	8,675.00 USD 2-941218.PD	7,292.00 USD 2-941218.D
1200 x 2000	9,498.00 USD 2-941220.PD	7,985.00 USD 2-941220.D
1200 x 2200	10,322.00 USD 2-941222.PD	8,679.00 USD 2-941222.D

Dimensions	Plasma nitrided	Steel S355J2+N
1200 x 2400	11,145.00 USD 2-941224.PD	9,372.00 USD 2-941224.D
1400 x 1400	7,989.00 USD 2-941414.PD	6,714.00 USD 2-941414.D
1400 x 1600	8,950.00 USD 2-941416.PD	7,524.00 USD 2-941416.D
1400 x 1800	9,913.00 USD 2-941418.PD	8,334.00 USD 2-941418.D
1400 x 2000	10,874.00 USD 2-941420.PD	9,144.00 USD 2-941420.D
1400 x 2200	11,835.00 USD 2-941422.PD	9,953.00 USD 2-941422.D
1400 x 2400	12,797.00 USD 2-941424.PD	10,764.00 USD 2-941424.D
1500 x 1500	8,986.00 USD 2-941515.PD	7,554.00 USD 2-941515.D
1500 x 1600	9,500.00 USD 2-941516.PD	7,987.00 USD 2-941516.D
1500 x 1800	10,531.00 USD 2-941518.PD	8,855.00 USD 2-941518.D
1500 x 2000	11,562.00 USD 2-941520.PD	9,723.00 USD 2-941520.D
1500 x 2200	12,592.00 USD 2-941522.PD	10,591.00 USD 2-941522.D
1500 x 2400	13,623.00 USD 2-941524.PD	11,460.00 USD 2-941524.D
1500 x 2600	14,653.00 USD 2-941526.PD	12,328.00 USD 2-941526.D
1500 x 2800	15,684.00 USD 2-941528.PD	13,196.00 USD 2-941528.D
1500 x 3000	16,714.00 USD 2-941530.PD	14,064.00 USD 2-941530.D
1600 x 1600	10,050.00 USD 2-941616.PD	8,450.00 USD 2-941616.D
1600 x 1800	11,149.00 USD 2-941618.PD	9,376.00 USD 2-941618.D
1600 x 2000	12,249.00 USD 2-941620.PD	10,303.00 USD 2-941620.D
1600 x 2200	13,349.00 USD 2-941622.PD	11,229.00 USD 2-941622.D
1600 x 2400	14,448.00 USD 2-941624.PD	12,155.00 USD 2-941624.D
1600 x 2600	15,548.00 USD 2-941626.PD	13,082.00 USD 2-941626.D
1600 x 2800	16,647.00 USD 2-941628.PD	14,007.00 USD 2-941628.D
1600 x 3000	17,747.00 USD 2-941630.PD	14,934.00 USD 2-941630.D

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 m²
Further sizes upon request.
Material: S355J2+N Steel + plasma nitration

Prices based on quantity.

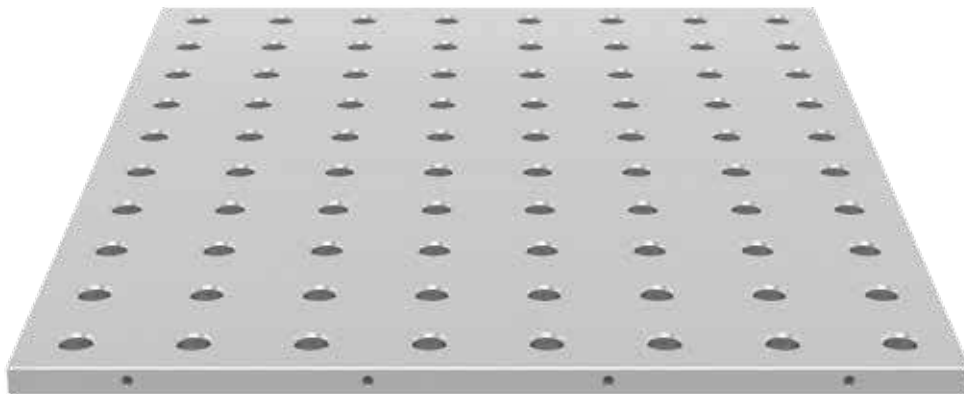
Discount:

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

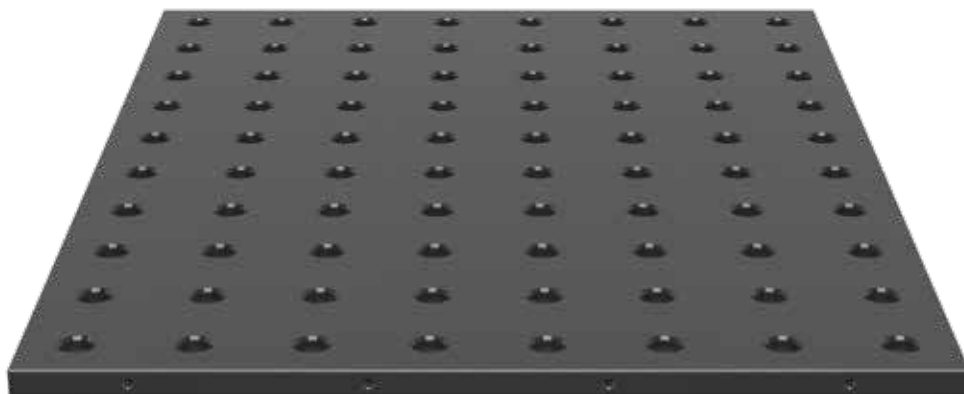
By request, the Clamping and Replacement Plate is also available in stainless steel.

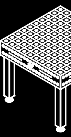
Additional threaded holes available on request.

Please find pictures for every product size at www.siegmund.com.



Weight: approx. 137 kg





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

Dimensions	Plasma nitrided	Steel S355J2+N
600 x 800	2,843.00 USD 2-940608.P	2,369.00 USD 2-940608
600 x 1000	3,233.00 USD 2-940610.P	2,694.00 USD 2-940610
600 x 1200	3,623.00 USD 2-940612.P	3,020.00 USD 2-940612
800 x 800	3,363.00 USD 2-940808.P	2,802.00 USD 2-940808
800 x 1000	2,393.00 USD 2-940810.P	1,994.00 USD 2-940810
800 x 1200	4,403.00 USD 2-940812.P	3,669.00 USD 2-940812
800 x 1400	4,923.00 USD 2-940814.P	4,102.00 USD 2-940814
800 x 1600	5,442.00 USD 2-940816.P	4,535.00 USD 2-940816
800 x 1800	5,962.00 USD 2-940818.P	4,968.00 USD 2-940818
800 x 2000	6,482.00 USD 2-940820.P	5,401.00 USD 2-940820
800 x 2200	7,002.00 USD 2-940822.P	5,835.00 USD 2-940822
800 x 2400	7,522.00 USD 2-940824.P	6,268.00 USD 2-940824
1000 x 1000	4,533.00 USD 2-941010.P	3,777.00 USD 2-941010
1000 x 1200	5,182.00 USD 2-941012.P	4,319.00 USD 2-941012
1000 x 1400	5,832.00 USD 2-941014.P	4,860.00 USD 2-941014
1000 x 1600	6,482.00 USD 2-941016.P	5,401.00 USD 2-941016
1000 x 1800	7,131.00 USD 2-941018.P	5,943.00 USD 2-941018
1000 x 2000	7,781.00 USD 2-941020.P	6,484.00 USD 2-941020
1000 x 2200	8,431.00 USD 2-941022.P	7,026.00 USD 2-941022
1000 x 2400	9,080.00 USD 2-941024.P	7,567.00 USD 2-941024
1200 x 1200	5,962.00 USD 2-941212.P	4,968.00 USD 2-941212
1200 x 1400	6,741.00 USD 2-941214.P	5,618.00 USD 2-941214
1200 x 1600	7,522.00 USD 2-941216.P	6,268.00 USD 2-941216
1200 x 1800	8,301.00 USD 2-941218.P	6,918.00 USD 2-941218
1200 x 2000	9,080.00 USD 2-941220.P	7,567.00 USD 2-941220
1200 x 2200	9,860.00 USD 2-941222.P	8,217.00 USD 2-941222

Dimensions	Plasma nitrided	Steel S355J2+N
1200 x 2400	10,639.00 USD 2-941224.P	8,866.00 USD 2-941224
1400 x 1400	7,651.00 USD 2-941414.P	6,376.00 USD 2-941414
1400 x 1600	8,560.00 USD 2-941416.P	7,134.00 USD 2-941416
1400 x 1800	9,471.00 USD 2-941418.P	7,892.00 USD 2-941418
1400 x 2000	10,380.00 USD 2-941420.P	8,650.00 USD 2-941420
1400 x 2200	11,289.00 USD 2-941422.P	9,407.00 USD 2-941422
1400 x 2400	12,199.00 USD 2-941424.P	10,166.00 USD 2-941424
1500 x 1500	8,594.00 USD 2-941515.P	7,162.00 USD 2-941515
1500 x 1600	9,080.00 USD 2-941516.P	7,567.00 USD 2-941516
1500 x 1800	10,055.00 USD 2-941518.P	8,379.00 USD 2-941518
1500 x 2000	11,030.00 USD 2-941520.P	9,191.00 USD 2-941520
1500 x 2200	12,004.00 USD 2-941522.P	10,003.00 USD 2-941522
1500 x 2400	12,979.00 USD 2-941524.P	10,816.00 USD 2-941524
1500 x 2600	13,953.00 USD 2-941526.P	11,628.00 USD 2-941526
1500 x 2800	14,928.00 USD 2-941528.P	12,440.00 USD 2-941528
1500 x 3000	15,902.00 USD 2-941530.P	13,252.00 USD 2-941530
1600 x 1600	9,600.00 USD 2-941616.P	8,000.00 USD 2-941616
1600 x 1800	10,639.00 USD 2-941618.P	8,866.00 USD 2-941618
1600 x 2000	11,679.00 USD 2-941620.P	9,733.00 USD 2-941620
1600 x 2200	12,719.00 USD 2-941622.P	10,599.00 USD 2-941622
1600 x 2400	13,758.00 USD 2-941624.P	11,465.00 USD 2-941624
1600 x 2600	14,798.00 USD 2-941626.P	12,332.00 USD 2-941626
1600 x 2800	15,837.00 USD 2-941628.P	13,197.00 USD 2-941628
1600 x 3000	16,877.00 USD 2-941630.P	14,064.00 USD 2-941630

Support and Clamping Sleeve

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.

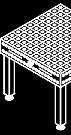


280500



	Height: (c)	Ø: (o)	Weight:	Item No.
Support and Clamping Sleeve - burnished	50 mm	90 mm	1,10 kg	2-280500 42.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



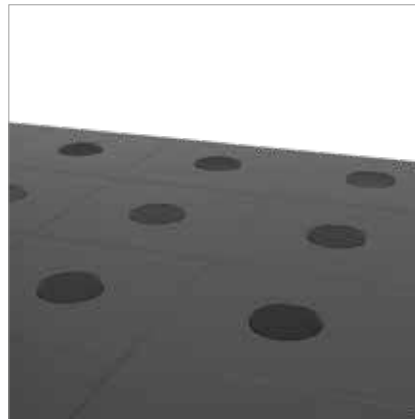
Cover cap

Description:

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



280238.1.10



	Height: (c)	Ø: (o)	Weight:	Item No.
Cover cap / pack of 10 - burnished - protects drill holes from dirt - 10 pieces / 1 m rail	10 mm	30 mm	0,05 kg	2-280238.1.10 40.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 164
Leg standard equipment 650



Page 164
Leg standard equipment 750



Page 164
Leg standard equipment, special height min. 150 mm



Page 164
Sleeve for Table Leg



Page 166
Leg height-adjustable 450-700



Page 166
Leg height-adjustable 550-900



Page 166
Sleeve for Table Leg



Page 168
Leg with Caster and Locking Brake 650



Page 169
Leg height-adjustable with Caster and locking Brake 550-750



Page 170
Leg with Floor Anchoring 650



Page 170
Leg with Floor Anchoring 750



Page 172
Fastening Plate with Caster for Work Table system 28 and 16



Page 173
Base Plate



Page 173
Base Plate



Page 174
Hydraulic Lift for Work Table

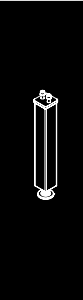


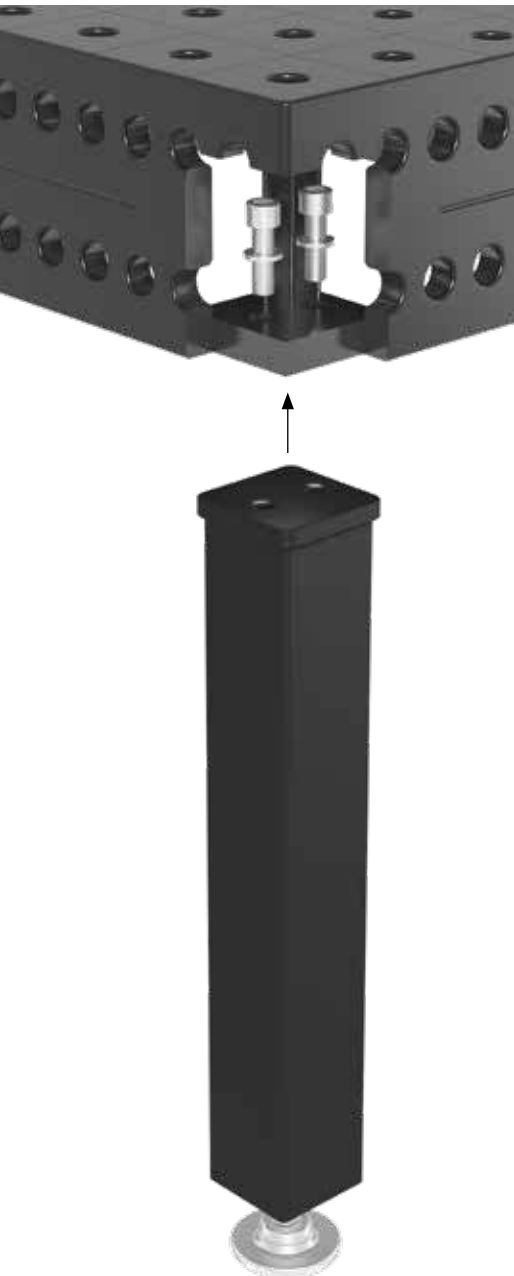
Table Legs

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.

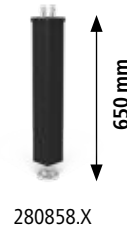


LEG STANDARD EQUIPMENT

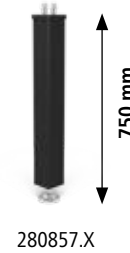
Page 164

STYLES

650
750
Special Sizes



Bearing load:
2,000 kg
per leg



Bearing load:
2,000 kg
per leg

LEG HEIGHT-ADJUSTABLE

Page 166

STYLES

450-700
550-900
Special Sizes



Bearing load:
2,000 kg
per leg



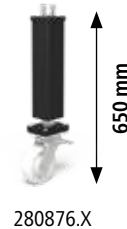
Bearing load:
2,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE

Page 168

STYLES

650
Special Sizes



Bearing load:
800 kg
per leg

LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

Page 169

STYLES

550-750
Special Sizes



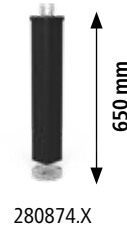
Bearing load:
800 kg
per leg

LEG WITH FLOOR ANCHORING

Page 170

STYLES

650
750
Special Sizes



Bearing load:
2,000 kg
per leg



Bearing load:
2,000 kg
per leg

Table legs not suitable for Basic tables.



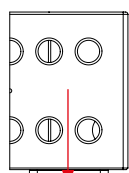
CAPACITY PER TABLE LEG

Maximum allowable load per leg for all system 28 tables equals 800-2.000 kg, depending on leg type.

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

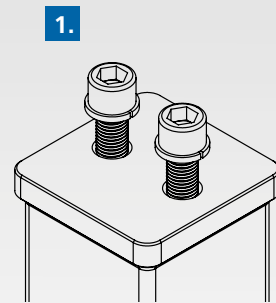
Please consult with manufacturer if higher overall loads are required.

FOR MAXIMUM SECURITY:



Allowable bearing load

Vertical force direction: 20 kN



1. HEXAGON SOCKET SCREW

- with M16 thread
- with Spring ring

2. MATERIAL

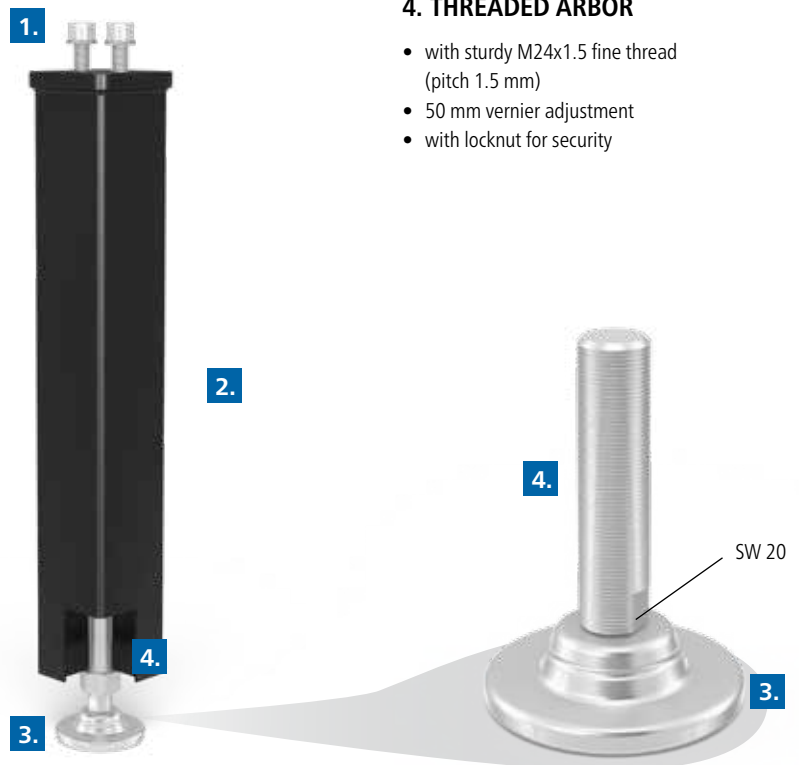
- sturdy square pipe 90x90 mm
- for increased stability
- powder coated

3. BASE PLATE

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

4. THREADED ARBOR

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

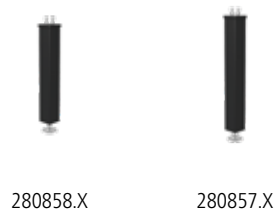
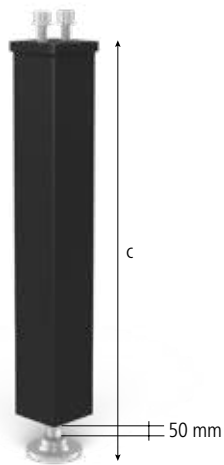


Leg standard equipment

Description:

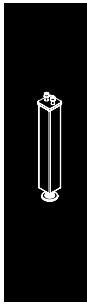
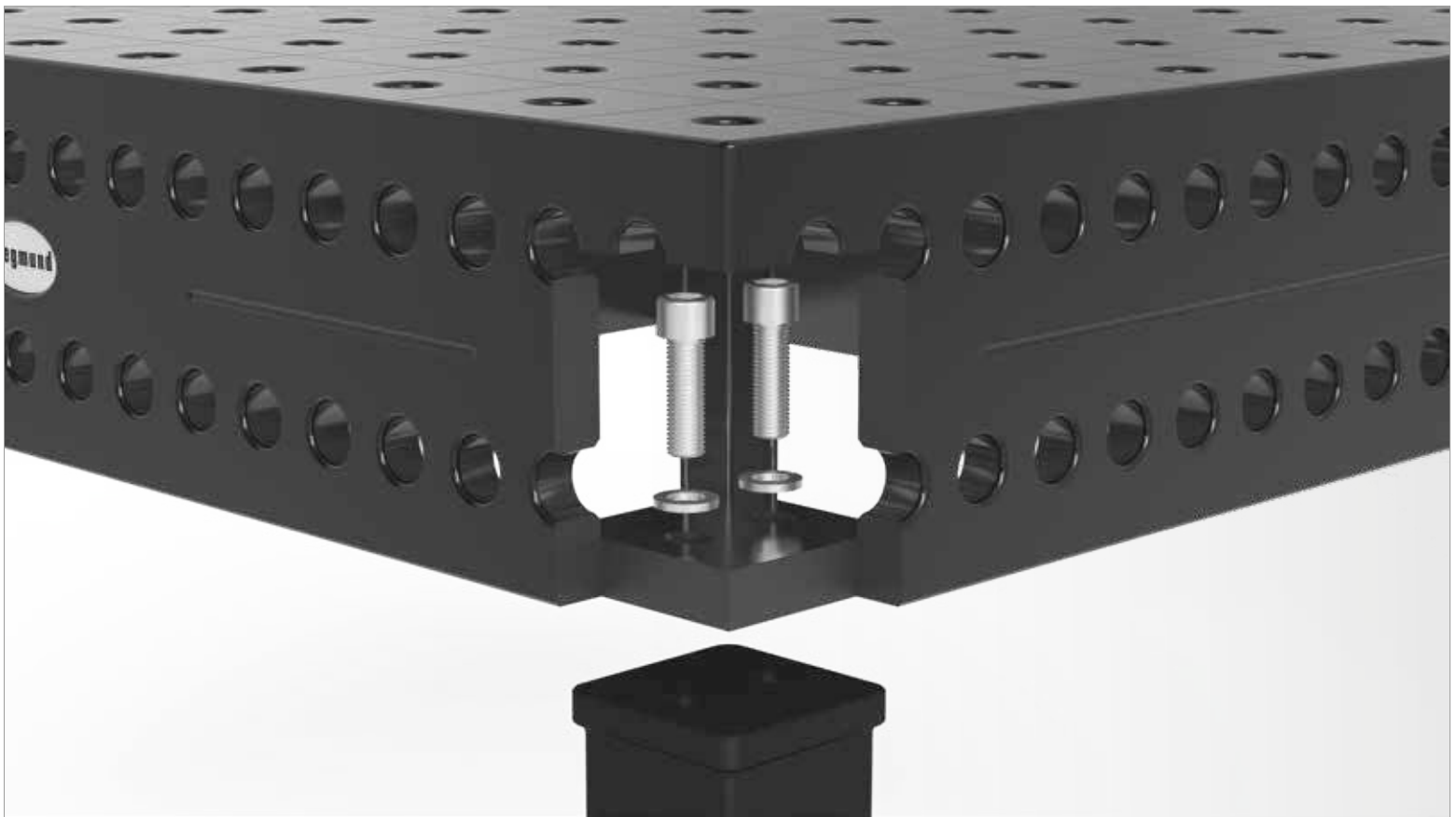
Standard Leg, available in various lengths (special lengths upon request). Load-bearing capacity 2,000 kg, adjustable up to 50 mm (vernier adjustment).

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



280859





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg standard equipment 650 - 50 mm vernier adjustment	90 mm	90 mm	650 mm	8,50 kg	2-280858.X 92.00 USD ●
Leg standard equipment 750 - 50 mm vernier adjustment	90 mm	90 mm	750 mm	9,00 kg	2-280857.X 92.00 USD ●
Leg standard equipment, special height min. 150 mm - 50 mm vernier adjustment	90 mm	90 mm			2-280856.XS ○
Further sizes and heights available upon request					○
Sleeve for Table Leg - for Leg Standard / Floor anchoring	95 mm	95 mm	100 mm	0,45 kg	2-280859 20.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

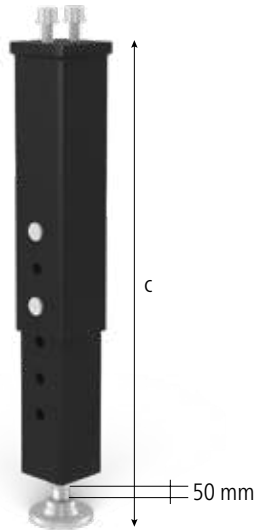
Table legs not suitable for Basic tables.

Leg height-adjustable

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.



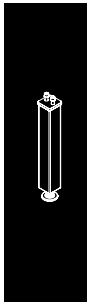
280878.X

280877.X



280859.1





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg height-adjustable 450-700 - 50 mm vernier adjustment - Table height 650-900 mm adjustable	90 mm	90 mm	450-700 mm	9,20 kg	2-280878.X 218.00 USD ●
Leg height-adjustable 550-900 - 50 mm vernier adjustment - Table height 750-1100 mm adjustable	90 mm	90 mm	550-900 mm	11,00 kg	2-280877.X 218.00 USD ●
Additional sizes upon request					○
Sleeve for Table Leg - Aluminum - for Leg height-adjustable System 28 - for Leg Standard / Floor anchoring System 22	88 mm	88 mm	150 mm	0,45 kg	2-280859.1 24.00 USD ○

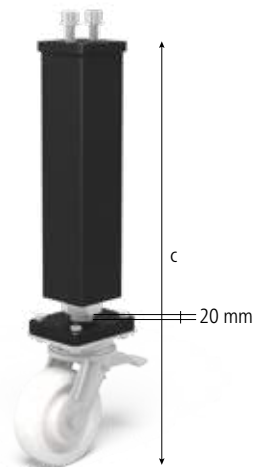
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Table legs not suitable for Basic tables.

Leg with Caster and Locking Brake

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.



280876.X



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg with Caster and Locking Brake 650 - 20 mm vernier adjustment	90 mm	90 mm	650 mm	9,00 kg	2-280876.X 256.00 USD

Additional sizes upon request

○

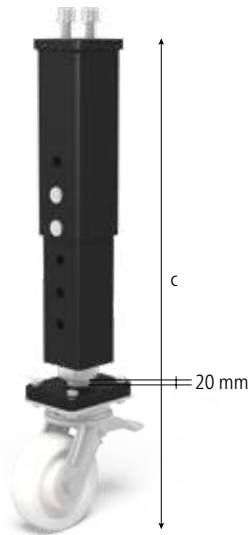
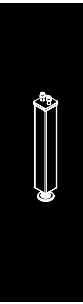
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.
Leg height-adjustable with Caster and locking Brake 550-750 - 20 mm vernier adjustment - Table height 750-950 mm adjustable	90 mm	90 mm	550-750 mm	14,70 kg	2-280879.X 298.00 USD ●
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

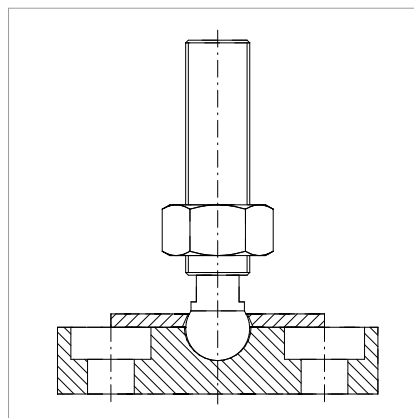
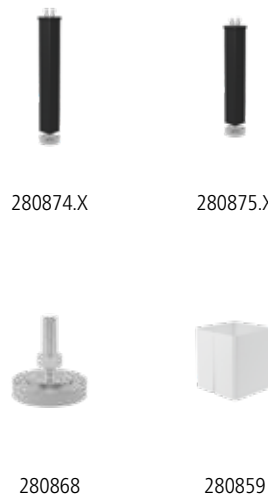
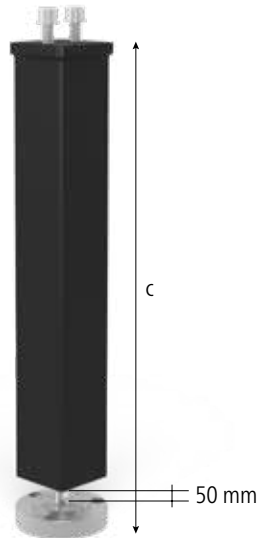
Table legs not suitable for Basic tables.

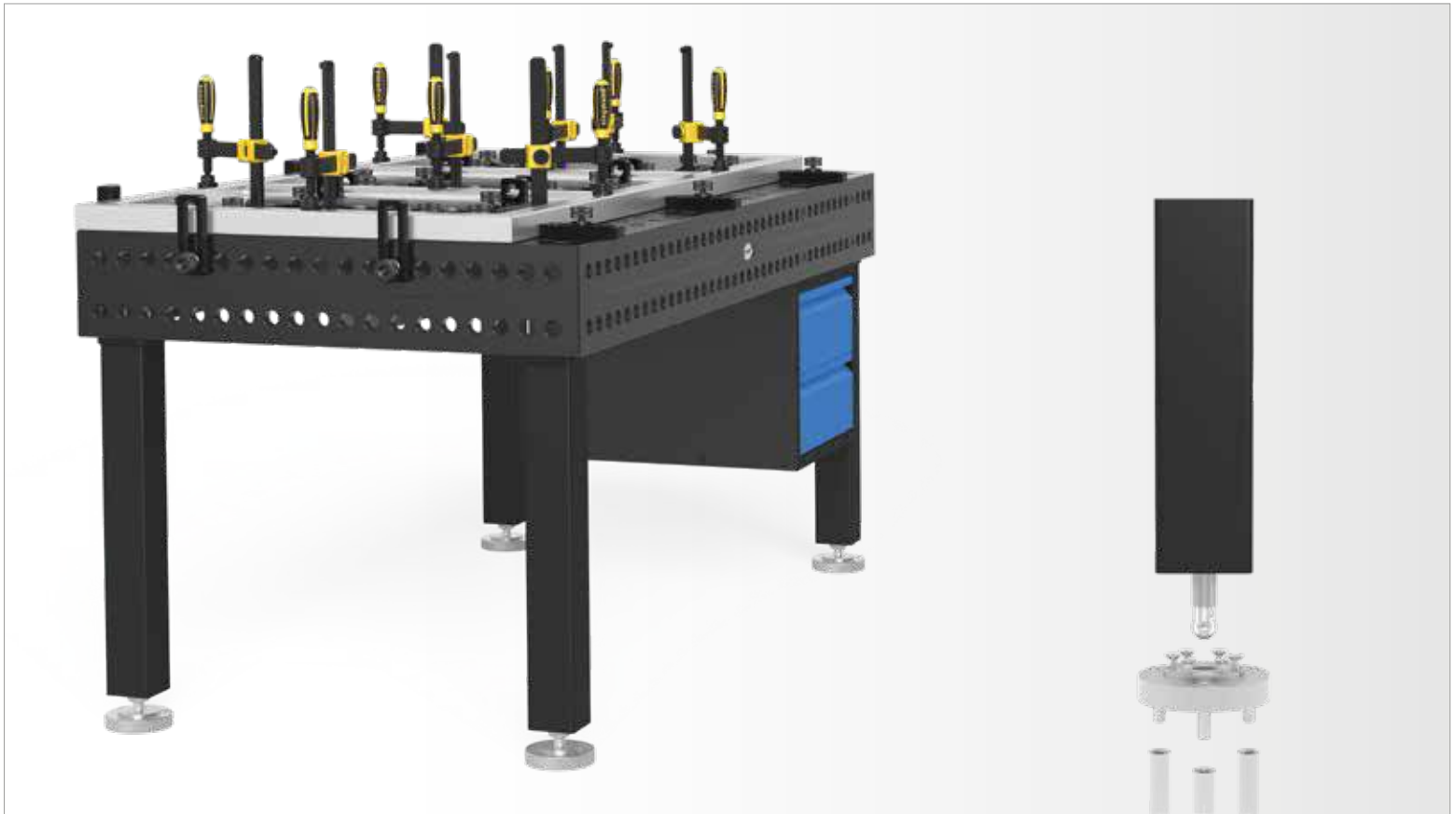
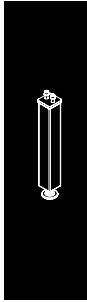
Leg with Floor Anchoring

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.
Leg with Floor Anchoring 650 - 50 mm vernier adjustment - Additional sizes upon request	90 mm	90 mm	650 mm		8,50 kg	2-280874.X 196.00 USD ●
Leg with Floor Anchoring 750 - 50 mm vernier adjustment - Additional sizes upon request	90 mm	90 mm	750 mm		9,00 kg	2-280875.X 196.00 USD ●
Additional sizes upon request						○
Plate for Floor Anchoring - Interchangeable with base plate for leg standard equipment and leg height adjustable.			130 mm	130 mm	3,00 kg	2-280868 82.00 USD ●
Heavy- Duty Bolt - 1 set = 3 screws + 3 studs					0,40 kg	2-280869 32.00 USD ●
Sleeve for Table Leg - for Leg Standard / Floor anchoring	95 mm	95 mm	100 mm		0,45 kg	2-280859 20.00 USD ●

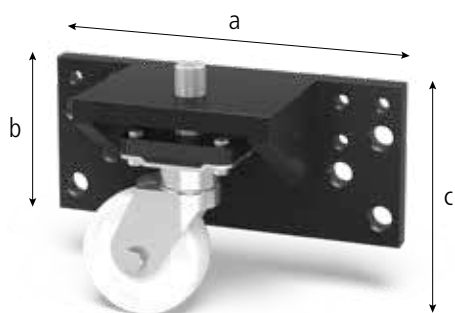
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Table legs not suitable for Basic tables.

Fastening Plate with Caster

Description:

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



280867

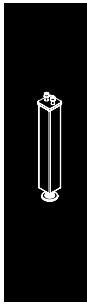


Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
450 mm	205 mm	300 mm	36,00 kg	2-280867 738.00 USD ○

Fastening Plate with Caster
 - 50 mm vernier adjustment
 - for Work Table system 28 and 16

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Base Plate



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.
Base Plate - 50 mm vernier adjustment - M24x1.5 thread for vernier adjustment - for connecting frame	130 mm	90 mm	1,00 kg	2-280855.X 60.00 USD ●
Base Plate - 40 mm vernier adjustment - M16x1.5 thread for vernier adjustment - for system 28 welding table	100 mm	70 mm	0,40 kg	2-160855.X 54.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Hydraulic Lift



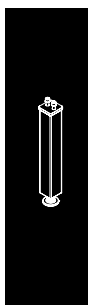
Description:

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.
Hydraulic Lift - for Work Table 280010 - load-bearing capacity 1000 kg / effective stroke 925 mm	990 mm	990 mm	235 mm	210,00 kg	5-289084 8,966.00 USD ○
Hydraulic Lift - for Work Table 280025 - load-bearing capacity 1000 kg / effective stroke 700 mm	1190 mm	790 mm	200 mm	270,00 kg	5-289905 7,412.00 USD ○
Hydraulic Lift - for Work Table 280015 - load-bearing capacity 2000 kg / effective stroke 700 mm	1190 mm	1190 mm	200 mm	300,00 kg	5-289239 10,582.00 USD ○
Hydraulic Lift - for Work Table 280035 - load-bearing capacity 2000 kg / effective stroke 800 mm	1490 mm	990 mm	200 mm	450,00 kg	5-289132 8,306.00 USD ○
Hydraulic Lift - for Work Table 280050 - load-bearing capacity 2000 kg / effective stroke 800 mm	1490 mm	1490 mm	280 mm	530,00 kg	5-289088 11,056.00 USD ○
Hydraulic Lift - for Work Table 280020 - load-bearing capacity 2000 kg / effective stroke 1000 mm	1990 mm	990 mm	230 mm	580,00 kg	5-289085 9,238.00 USD ○
Hydraulic Lift - for Work Table 280060 - load-bearing capacity 2000 kg / effective stroke 1000 mm	1990 mm	1190 mm	280 mm	800,00 kg	5-289893 12,818.00 USD ○
Hydraulic Lift - for Work Table 280045 - load-bearing capacity 3000 kg / effective stroke 1000 mm	1990 mm	1990 mm	350 mm	900,00 kg	5-289897 16,026.00 USD ○
Hydraulic Lift - for Work Table 280030 - load-bearing capacity 2000 kg / effective stroke 1300 mm	2390 mm	1190 mm	280 mm	800,00 kg	5-289367 8,968.00 USD ○
Hydraulic Lift - for Work Table 280040 - load-bearing capacity 3000 kg / effective stroke 1600 mm	2990 mm	1490 mm	350 mm	1200,00 kg	5-289087 14,916.00 USD ○
Hydraulic Lift - for Work Table 280055 - load-bearing capacity 5000 kg / effective stroke 1600 mm	3990 mm	1990 mm	460 mm	2200,00 kg	5-289089 23,812.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

For technical reasons height is subject to change.



Page 178
Eccentric Stop Ø 60



Page 178
Eccentric Stop Ø 60 with M10 thread



Page 178
Eccentric Stop Ø 100



Page 180
Flex Stop 25x156 Aluminum



Page 180
Flex Stop 25x140 Steel



Page 180
Flex Stop 50x182 Steel



Page 180
Flex Stop 50x140 Steel



Page 182
Universal Stop 150 L



Page 182
Universal Stop 150 L



Page 182
Universal Stop 200 L



Page 182
Universal Stop 250 L



Page 184
Universal Stop 225 L



Page 184
Universal Stop 225 L Aluminum



Page 185
**Universal Stop 225 L FDS
with spring pressure part**



Page 186
Universal Stop 100



Page 186
Universal Stop 150



Page 186
Universal Stop 250



Page 188
Universal Stop 300



Page 188
Universal Stop 500



Page 189
Universal Stop 325 L



Page 189
Universal Stop 525 L



Page 190
Universal Stop 500 S



Page 191
Universal Stop 750 S



Page 192
Universal Stop 1000 S



Page 193
Angle Alignment Template



Page 194
Flat Square 175 small



Page 195
Flat Square 500 large

Eccentric Stop

Description:

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



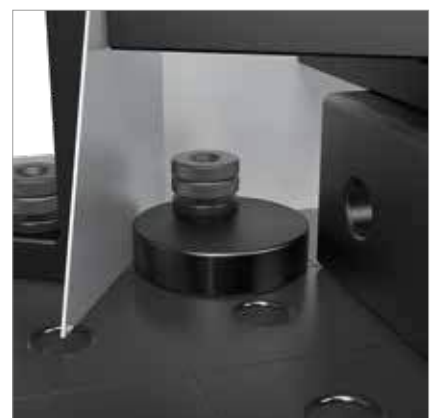
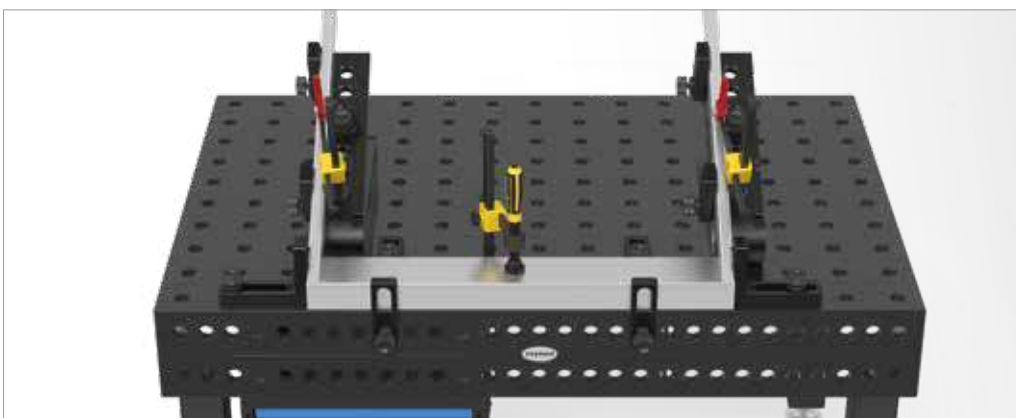
280401



280402



280403





		Ø: (o)	MS: (d)	Weight:	Item No.
Eccentric Stop Ø 60 - nitrided - in situations with limited space		60 mm	25 mm	0,42 kg	2-280401.N 34.00 USD ●
Eccentric Stop Ø 60 with M10 thread - nitrided - for ground connection		60 mm	25 mm	0,41 kg	2-280402.N 40.00 USD ●
Eccentric Stop Ø 100 - nitrided - also serves as support surface		100 mm	25 mm	1,40 kg	2-280403.N 40.00 USD ●

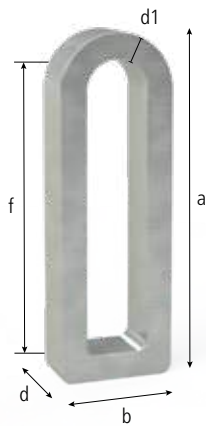
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Flex Stop Aluminum / Steel

Description:

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

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.



280412



280416

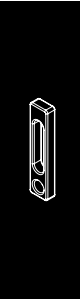
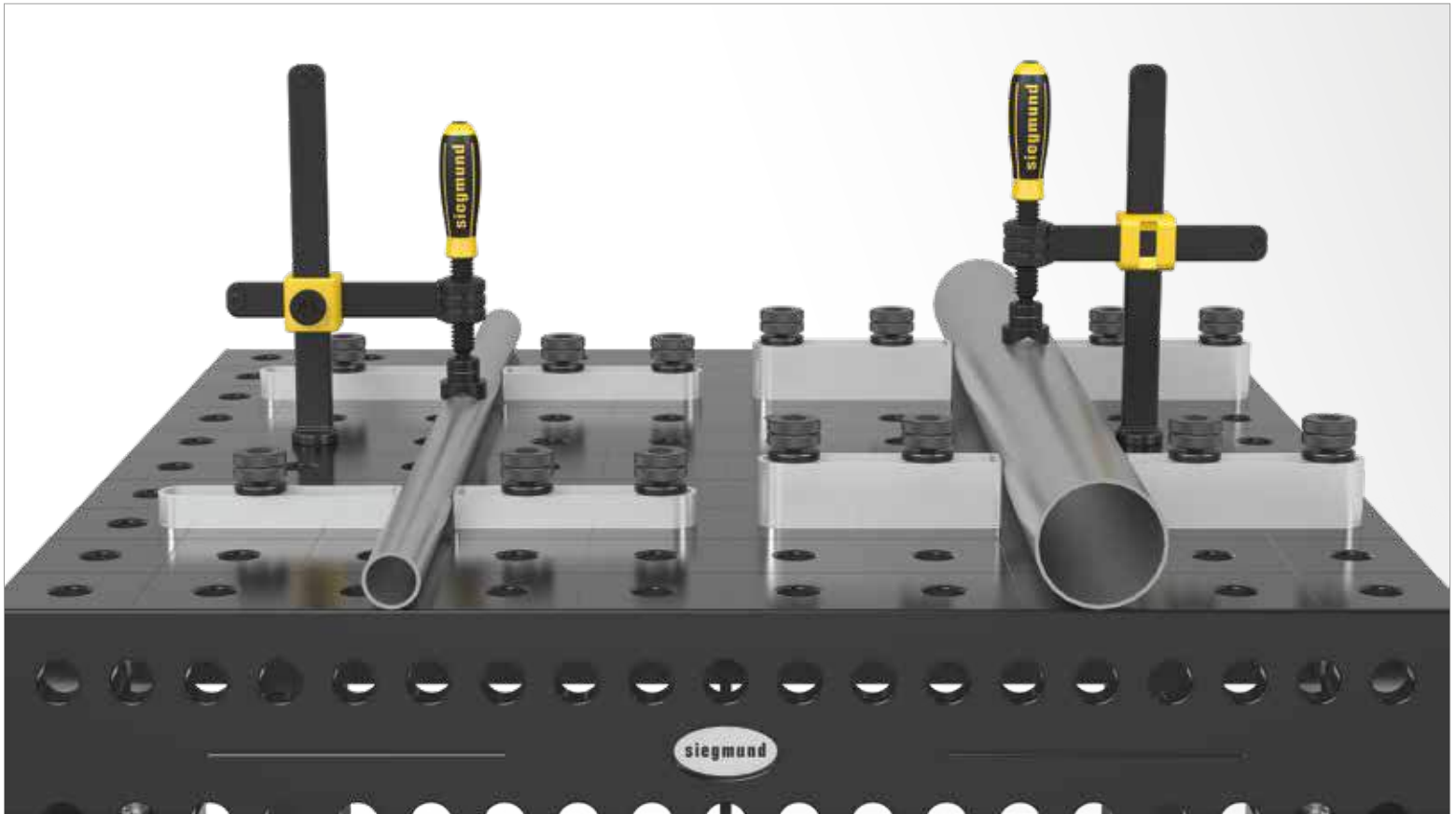


280417



280418





		Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 25x156 - Aluminum	ALU	156 mm	52 mm	25 mm	12 mm	100 mm	0,30 kg	2-280412 36.00 USD ●
Flex Stop 25x140 - Galvanized		140 mm	40 mm	25 mm	6 mm	100 mm	0,37 kg	2-280416 36.00 USD ●
Flex Stop 50x182 - Clamping Bolt long required - Galvanized		182 mm	36 mm	50 mm	6 mm	150 mm	0,65 kg	2-280417 56.00 USD ●
Flex Stop 50x140 - Clamping Bolt long required - Galvanized		140 mm	40 mm	50 mm	6 mm	100 mm	0,75 kg	2-280418 50.00 USD ●

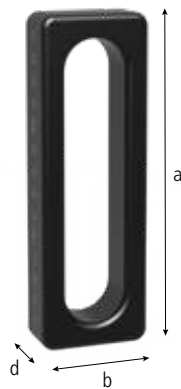
MS=Material thickness; WS=Wall thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 150 L / 200 L / 250 L

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.



280410.N



280410.A



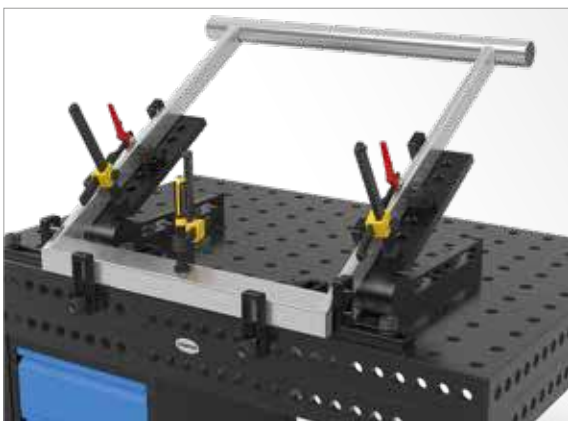
280410.C

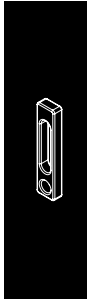
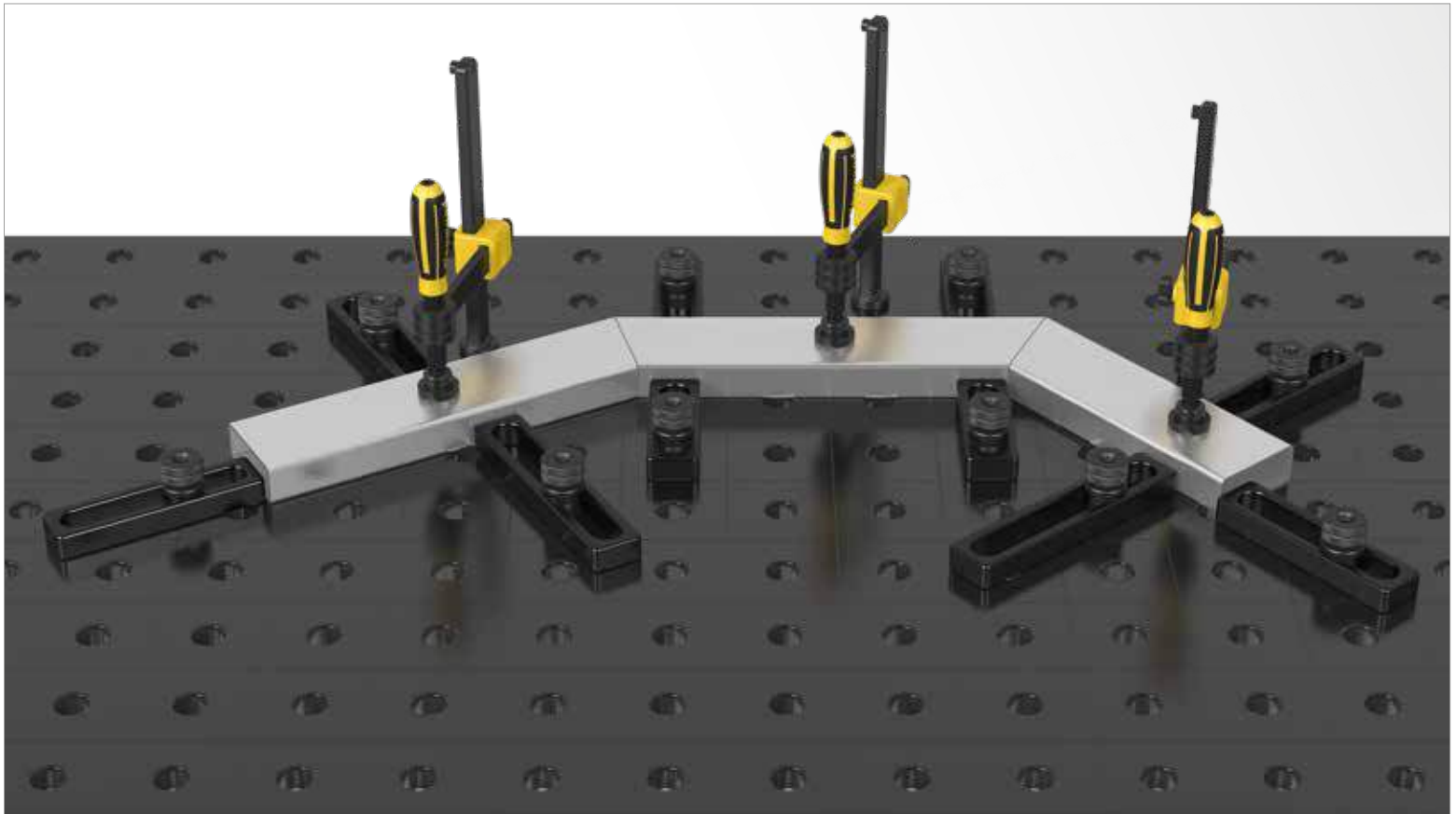


280410.1.N



280410.2.N





		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 150 L - nitrided - Standard with fine scaling on both sides		150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.N 58.00 USD ●
Universal Stop 150 L - Aluminum		150 mm	50 mm	25 mm	100 mm	0,30 kg	2-280410.A 64.00 USD ●
Universal Stop 150 L - Chromed, Delivery time approx. 10 weeks		150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.C 60.00 USD ○
Universal Stop 200 L - nitrided - Standard with fine scaling on both sides		200 mm	50 mm	25 mm	150 mm	1,00 kg	2-280410.1.N 70.00 USD ●
Universal Stop 250 L - nitrided - Standard with fine scaling on both sides		250 mm	50 mm	25 mm	200 mm	1,20 kg	2-280410.2.N 74.00 USD ●

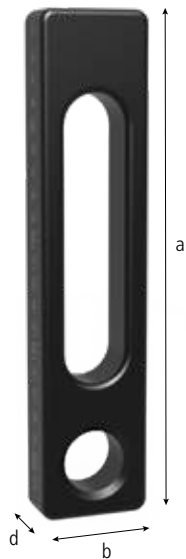
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.



280420.N



280420.A



280420.C



		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 225 L - nitrided - Standard with fine scaling on both sides		225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.N 90.00 USD ●
Universal Stop 225 L - Aluminum		225 mm	50 mm	25 mm	100 mm	0,55 kg	2-280420.A 90.00 USD ●
Universal Stop 225 L - Chromed, Delivery time approx. 10 weeks		225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.C 90.00 USD ○

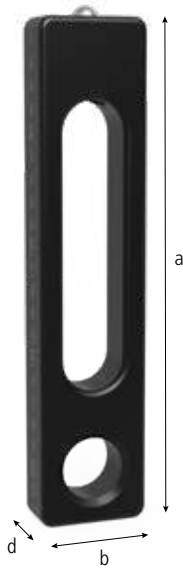
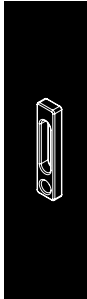
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 225 L FDS

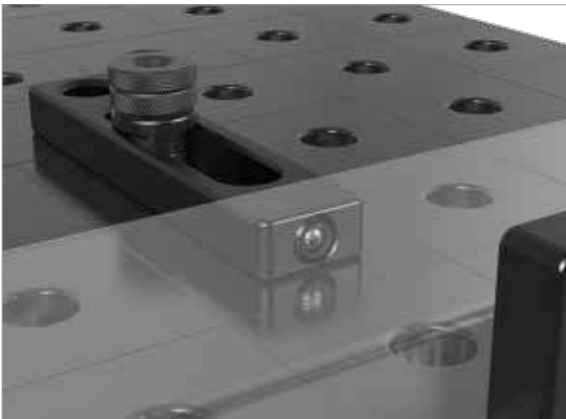
Description:

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.



280421



Universal Stop 225 L FDS

- with spring pressure part
- burnished
- Standard with fine scaling on both sides



Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280421 90.00 USD

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 100 / 150 / 250



280407



280407.C



280408



280408.C



280409

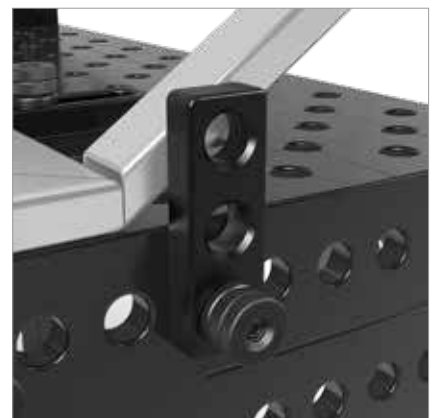


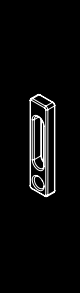
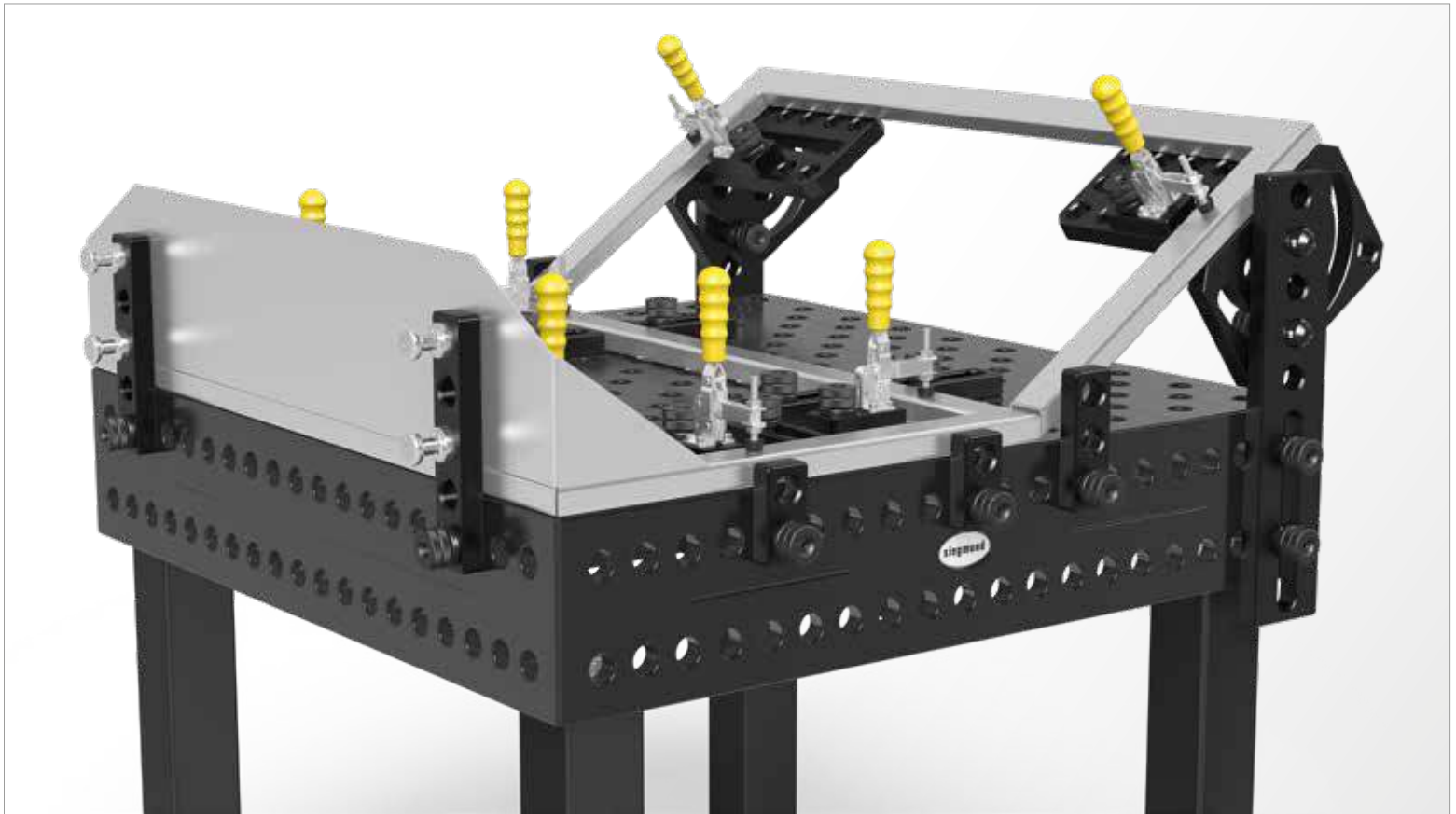
280409.C

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.
Universal Stop 100 - 2 system bore holes - nitrided		100 mm	50 mm	25 mm	0,75 kg	2-280407.N 38.00 USD ●
Universal Stop 100 - 2 system bore holes - Chromed, Delivery time approx. 10 weeks		100 mm	50 mm	25 mm	0,75 kg	2-280407.C 44.00 USD ○
Universal Stop 150 - 3 system bore holes - nitrided		150 mm	50 mm	25 mm	1,10 kg	2-280408.N 48.00 USD ●
Universal Stop 150 - 3 system bore holes - Chromed, Delivery time approx. 10 weeks		150 mm	50 mm	25 mm	1,10 kg	2-280408.C 58.00 USD ○
Universal Stop 250 - 5 system drill holes - nitrided		250 mm	50 mm	25 mm	1,80 kg	2-280409.N 70.00 USD ●
Universal Stop 250 - 5 system drill holes - Chromed, Delivery time approx. 10 weeks		250 mm	50 mm	25 mm	1,80 kg	2-280409.C 98.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

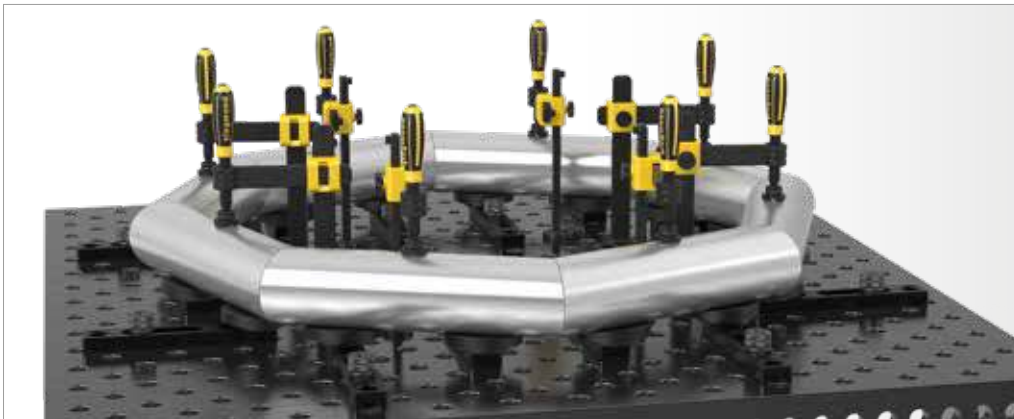
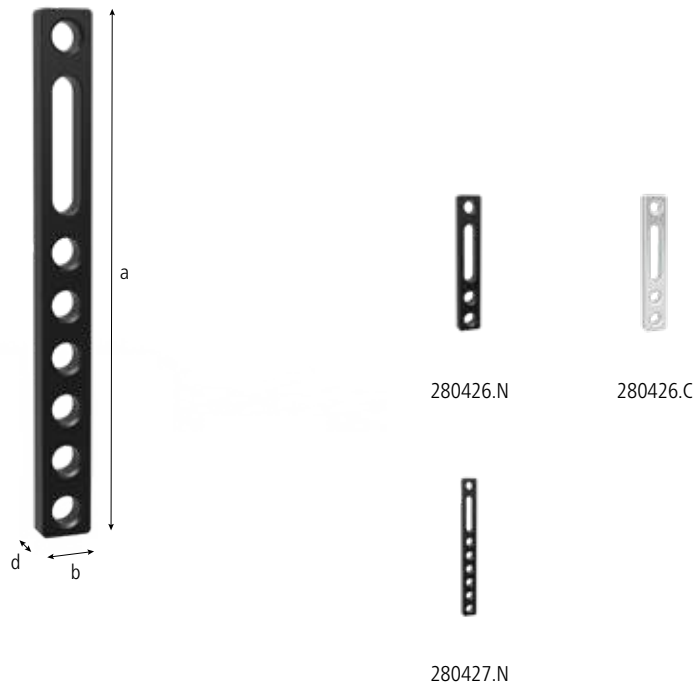
Universal Stop 300 / 500

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).

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.
Universal Stop 300 - 3 system bore holes - nitrided		300 mm	50 mm	25 mm	100 mm	1,85 kg	2-280426.N 90.00 USD ●
Universal Stop 300 - 3 system bore holes - Chromed, Delivery time approx. 10 weeks		300 mm	50 mm	25 mm	100 mm	1,85 kg	2-280426.C 112.00 USD ○
Universal Stop 500 - 7 system bore holes - nitrided		500 mm	50 mm	25 mm	100 mm	3,30 kg	2-280427.N 118.00 USD ●

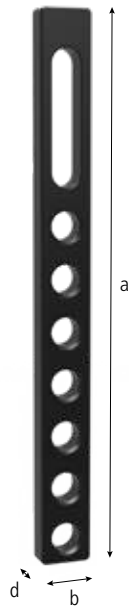
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 325 L / 525 L

Description:

Universal Stop 325 L / 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.



280422.N



280424



280424.C



		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 325 L - 3 system bore holes - nitrided		325 mm	50 mm	25 mm	100 mm	2,10 kg	2-280422.N 90.00 USD ●
Universal Stop 525 L - 7 system bore holes - nitrided		525 mm	50 mm	25 mm	100 mm	3,50 kg	2-280424.N 114.00 USD ●
Universal Stop 525 L - 7 system bore holes - Chromed, Delivery time approx. 10 weeks		525 mm	50 mm	25 mm	100 mm	3,50 kg	2-280424.C 134.00 USD ○

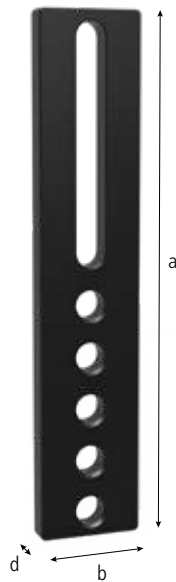
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

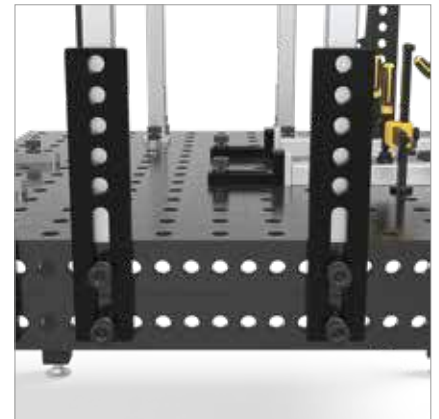
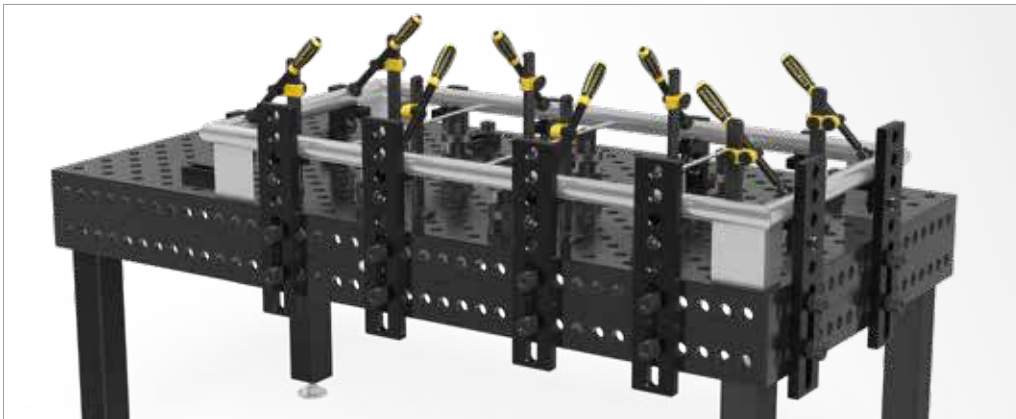
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280430.N



280430.C



		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 500 S - 5 system drill holes - nitrided		500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.N 118.00 USD ●
Universal Stop 500 S - 5 system drill holes - Chromed, Delivery time approx. 10 weeks		500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.C 364.00 USD ○

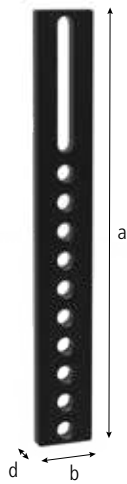
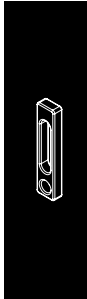
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

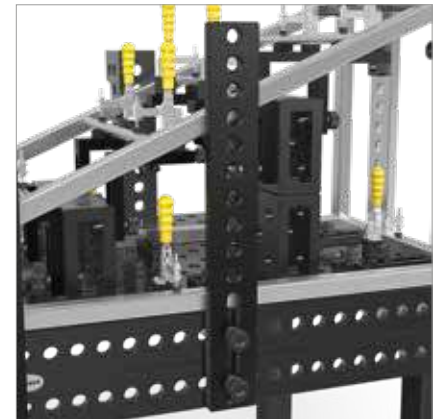
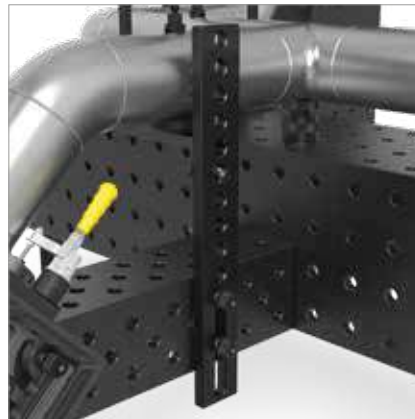
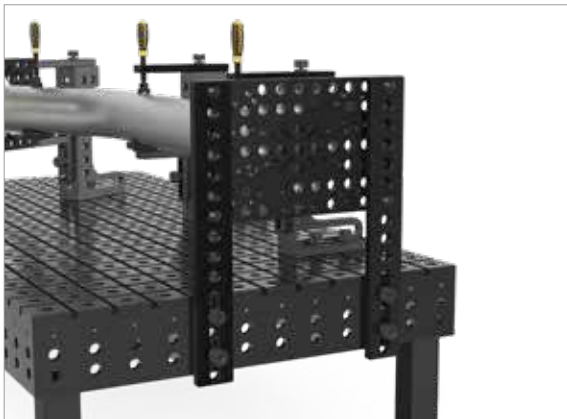
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280432



280432.C



		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 750 S - 10 system bore holes - nitrided		750 mm	100 mm	25 mm	200 mm	12,10 kg	2-280432.N 146.00 USD ●
Universal Stop 750 S - 10 system bore holes - Chromed, Delivery time approx. 10 weeks		750 mm	100 mm	25 mm	200 mm	12,10 kg	2-280432.C 458.00 USD ○

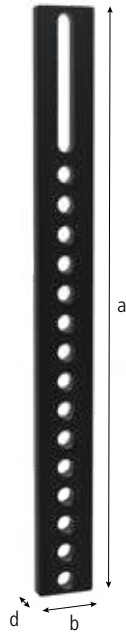
MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 1000 S

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.



280434.N



280434.C



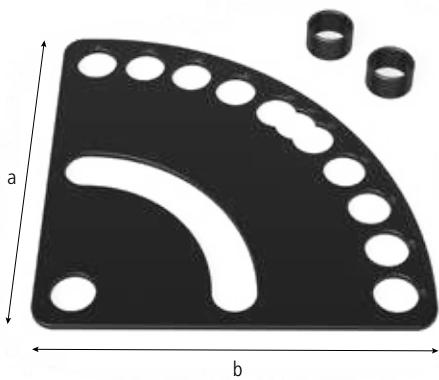
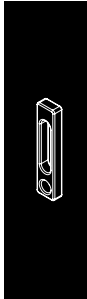
		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 1000 S - 15 system bore holes - nitrided		1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434.N 166.00 USD ●
Universal Stop 1000 S - 15 system bore holes - Chromed, Delivery time approx. 10 weeks		1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434.C 598.00 USD ○

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

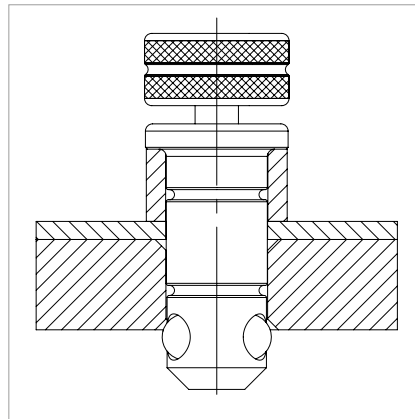
Angle Alignment Template

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.N



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Angle Alignment Template - nitrided - incl. 2x Spacer Sleeve	250 mm	250 mm			5 mm	1,50 kg	2-280455.N 84.00 USD
Spacer Sleeve - burnished			20 mm	35 mm		0,05 kg	2-280538 12.00 USD

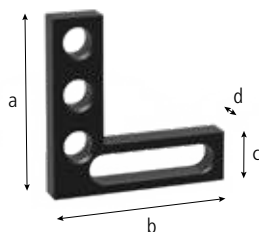
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

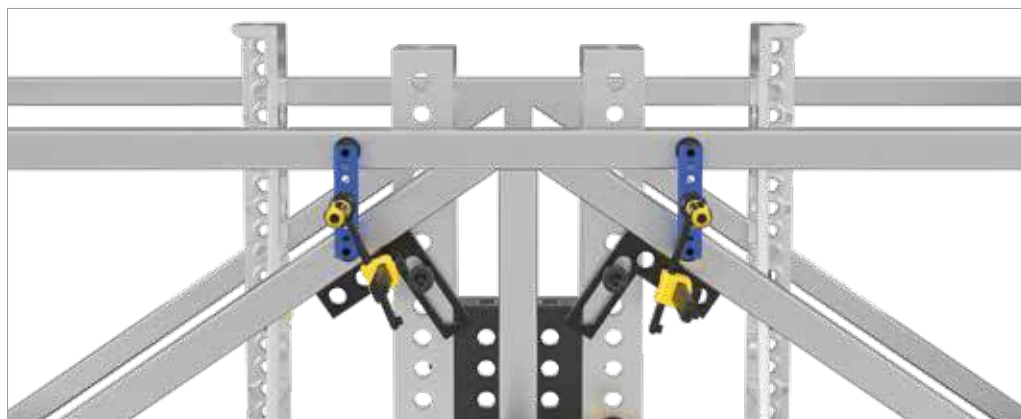
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280445



280445.C



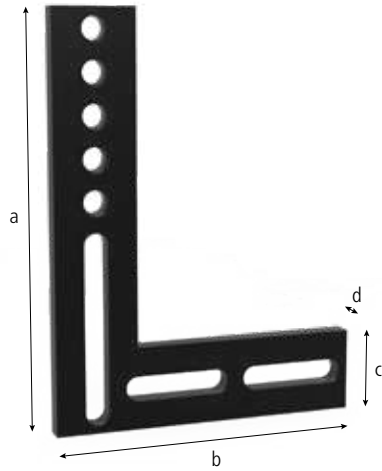
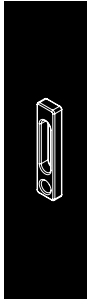
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Flat Square 175 small - 3 system bore holes - burnished	175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445 126.00 USD ●
Flat Square 175 small - 3 system bore holes - Chromed, Delivery time approx. 10 weeks	175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445.C 152.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

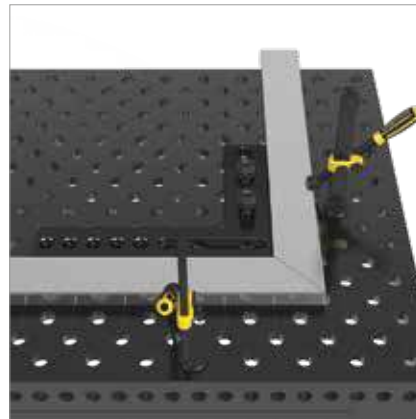
Flat Square 500

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.



280444



Flat Square 500 large
 - 5 system drill holes
 - burnished

Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
500 mm	375 mm	100 mm	25 mm	12,00 kg	2-280444 178.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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Stop and Clamping Square 75 L



Page 199
Mounting Square



Page 200
Stop and Clamping Square 175 SL



Page 201
Stop and Clamping Square 275 L



Page 202
Stop and Clamping Square 175 L



Page 204
Stop and Clamping Square 175 WL



Page 204
Stop and Clamping Square 175 VL



Page 204
Stop and Clamping Square 275 WL



Page 205
Stop and Clamping Square 200 L



Page 206
Stop and Clamping Square 300 G



Page 206
Stop and Clamping Square 500 G



Page 206
Stop and Clamping Square 750 G



Page 208
Stop and Clamping Square 500 G with rotation angle



Page 210
Stop and Clamping Square 300 GK



Page 210
Stop and Clamping Square 500 GK



Page 212
Stop and Clamping Square 600 GK



Page 212
Stop and Clamping Square 800 GK



Page 214
Stop and Clamping Square 300 GK Aluminum-Titanium



Page 214
Stop and Clamping Square 600 GK Aluminum-Titanium



Page 214
Stop and Clamping Square 800 GK Aluminum-Titanium



Page 214
Stop and Clamping Square 1200 GK
Aluminum-Titanium



Page 216
Rotation Angle 275



Page 217
Sliding Base



Page 218
Universal Angle
Mechanical Clamping



Page 219
Universal Angle
Hydromechanical Clamping



Page 220
Corner Connection



Page 221
Moveable Square



Page 222
Clamping Rail



Page 224
Clamping Block
Plasma nitrided



Page 225
Support and Clamping Frame,
Cast Iron



Page 226
Square U-Shape oblong slot
Plasma nitrided



Page 228
Square U-Shape
Plasma nitrided



Page 232
Square U-Shape Premium Light
Plasma nitrided



Page 234
Square U-Shape
Plasma nitrided



Page 236
Square U-Shape
Aluminum-Titanium



Page 238
Square U-Shape
Plasma nitrided



Page 240
Square U-Shape
Plasma nitrided

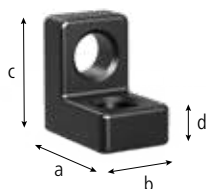


Stop and Clamping Square 75 L

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.N).

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



280105

280105.C



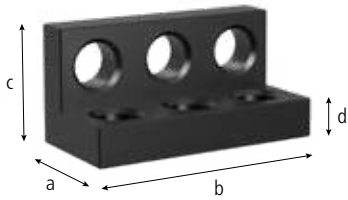
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 75 L - nitrided		75 mm	50 mm	75 mm	25 mm	1,00 kg	2-280105.N 74.00 USD ●
Stop and Clamping Square 75 L - Chromed, Delivery time approx. 10 weeks		75 mm	50 mm	75 mm	25 mm	1,00 kg	2-280105.C 94.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

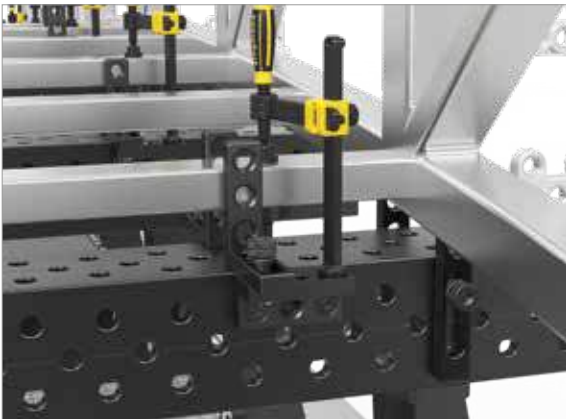
Mounting Square

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



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Mounting Square - nitrided	75 mm	150 mm	75 mm	25 mm	2,90 kg	2-280107.N 186.00 USD

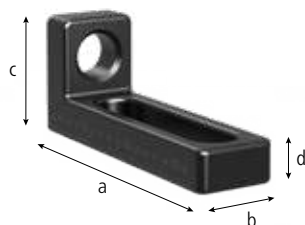
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 175 SL

Description:

Stop and Clamping Square 175 SL / 175 ML, 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.



280109.N

280109.C



280109.1.N

280109.1.C



		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 SL - nitrided - Standard with fine scaling on both sides		175 mm	50 mm	75 mm	25 mm	1,40 kg	2-280109.N 122.00 USD ●
Stop and Clamping Square 175 SL - Chromed, Delivery time approx. 10 weeks - Standard with fine scaling on both sides		175 mm	50 mm	75 mm	25 mm	1,40 kg	2-280109.C 144.00 USD ○
Stop and Clamping Square 175 ML - nitrided - Standard with fine scaling on both sides		175 mm	50 mm	125 mm	25 mm	1,80 kg	2-280109.1.N 130.00 USD ●
Stop and Clamping Square 175 ML - Chromed, Delivery time approx. 10 weeks - Standard with fine scaling on both sides		175 mm	50 mm	125 mm	25 mm	1,80 kg	2-280109.1.C 158.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

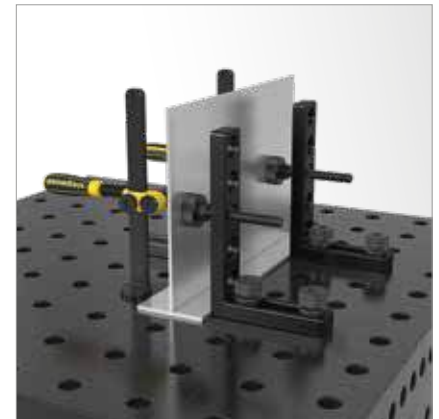
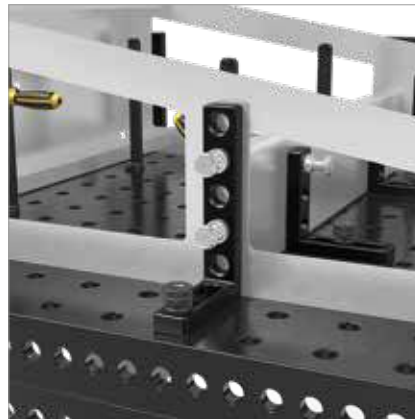
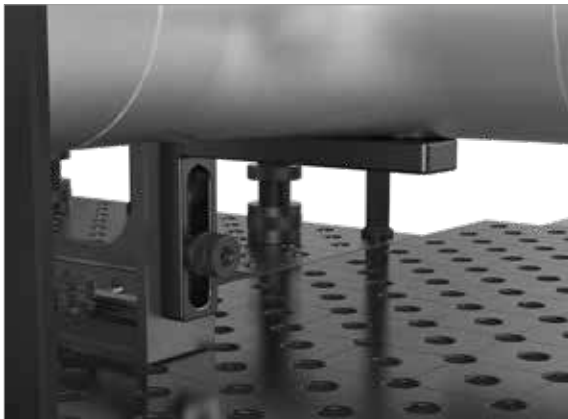
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280112



280112.C



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 275 L - nitrided - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm	2,80 kg	2-280112.N ● 168.00 USD
Stop and Clamping Square 275 L - Chromed, Delivery time approx. 10 weeks - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm	2,80 kg	2-280112.C ○ 242.00 USD

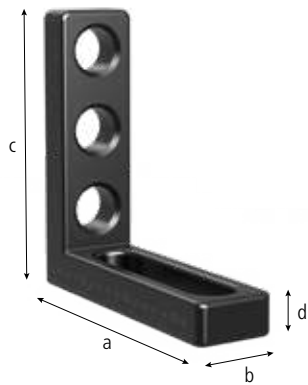
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 175 L

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.N) and the Stop and Clamping Square 175 SL (Item No. 280109.N). 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.



280110.N



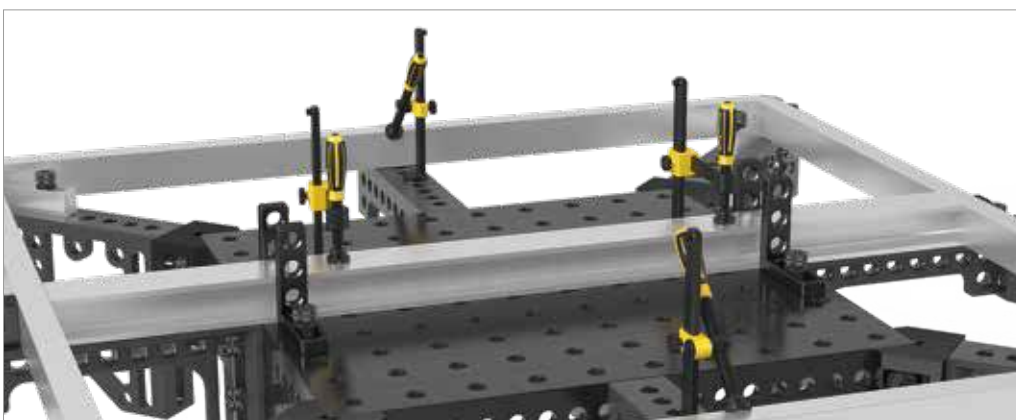
280110.A








280110.G



280110.C





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L - drill hole / oblong slot - nitrided - Standard with fine scaling on both sides	    175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N 154.00 USD ●
Stop and Clamping Square 175 L - drill hole / oblong slot - Cast iron / Burnished	175 mm	50 mm	175 mm	25 mm	1,90 kg	2-280110.G 142.00 USD ●
Stop and Clamping Square 175 L - drill hole / oblong slot - Aluminum	 175 mm	50 mm	175 mm	25 mm	0,80 kg	2-280110.A 174.00 USD ●
Stop and Clamping Square 175 L - drill hole / oblong slot - Chromed, Delivery time approx. 10 weeks	175 mm	50 mm	175 mm	25 mm	2,10 kg	2-280110.C 174.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

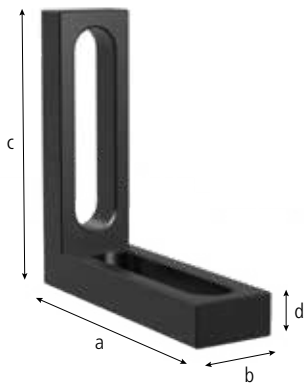
Stop and Clamping Square 175 WL / 175 VL / 275 WL

Description:

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

Stop- and Clamping Square 175 VL (Item No. 280113.N), 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.N) and the Stop- and Clamping Square 175 SL (Item No. 280109.N), it can be utilized as a height-adjustable support.

Stop- and Clamping Square 275 WL (Item No. 280115.N), 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.



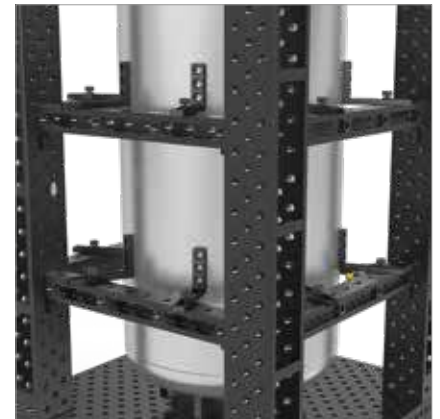
280111



280113



280115



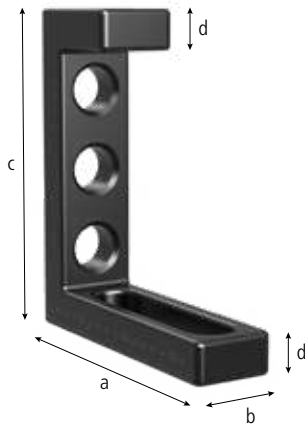
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 WL - slot / slot 100 - nitrided - flexible in any direction		175 mm	50 mm	175 mm	25 mm	1,80 kg	2-280111.N 154.00 USD
Stop and Clamping Square 175 VL - drill hole / drill hole - nitrided		175 mm	50 mm	175 mm	25 mm	2,40 kg	2-280113.N 142.00 USD
Stop and Clamping Square 275 WL - hole / slot 200 - nitrided		275 mm	50 mm	175 mm	25 mm	2,50 kg	2-280115.N 168.00 USD
Chrome-Plated Version upon Request							○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 200 L

Description:

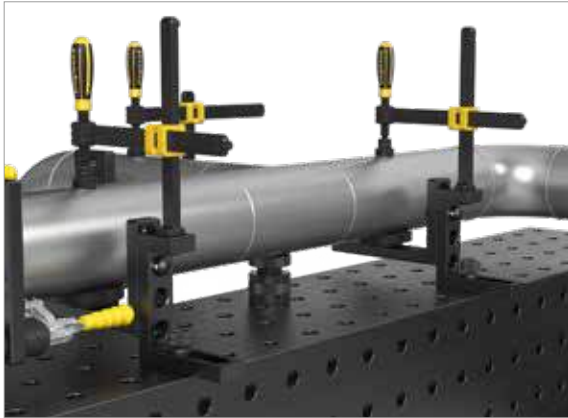
Stop and Clamping Square 200 L, adjustable square for a multitude of applications, due to the combination of system bore holes and oblong slot. The additional head plate enables further combination options: In connection with other squares or as intake for tools like prisms or clamps.



280114.N



280114.C



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 200 L - nitrided - Standard with fine scaling on both sides	175 mm	50 mm	200 mm	25 mm	2,71 kg	2-280114.N ●
Stop and Clamping Square 200 L - Chromed, Delivery time approx. 10 weeks	175 mm	50 mm	200 mm	25 mm	2,71 kg	2-280114.C ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 300 G / 500 G / 750 G

Description:

Stop and Clamping Square 300 G / 500 G / 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.



280152.N



280162.N

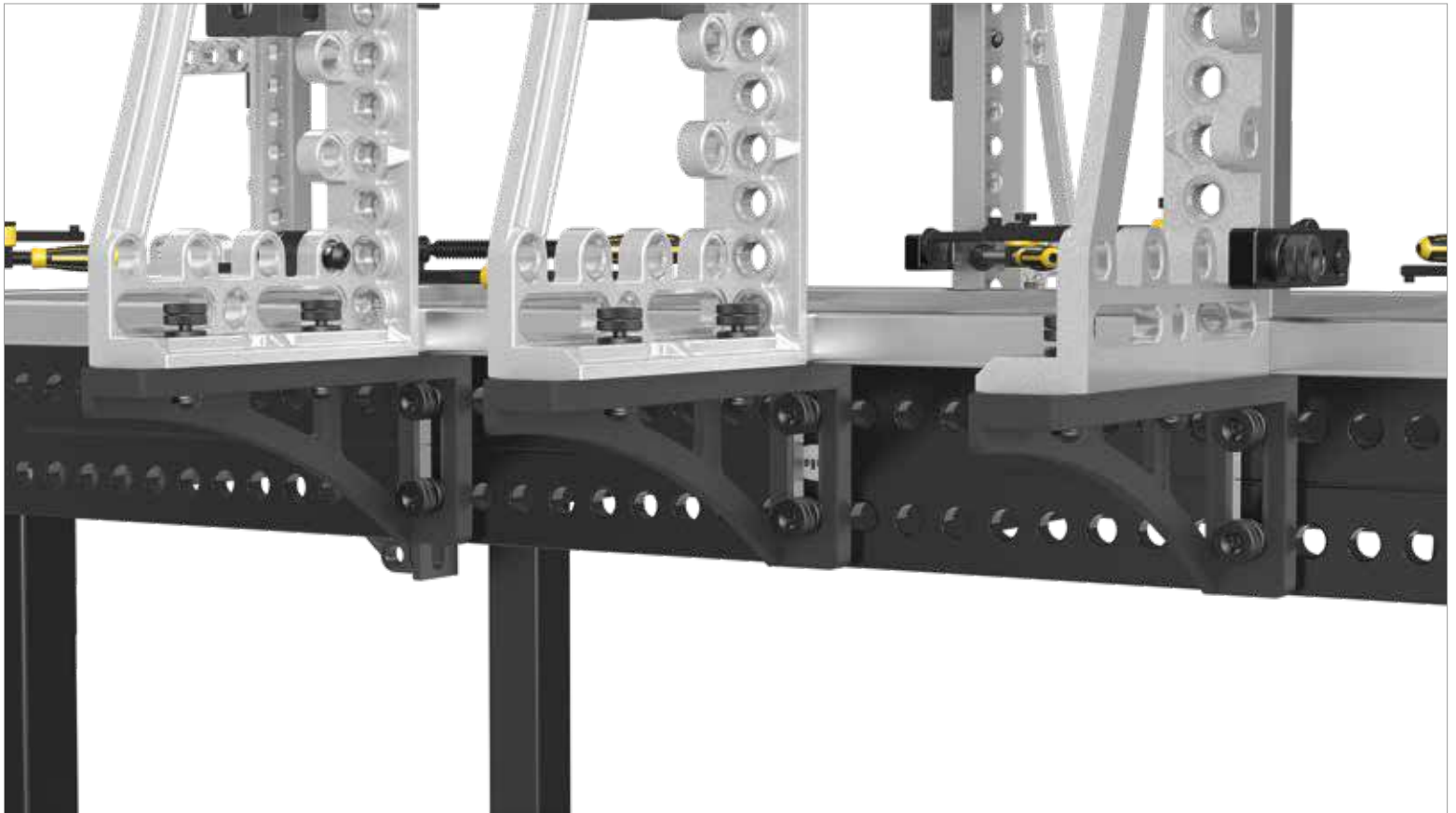


280166.N



280167.N





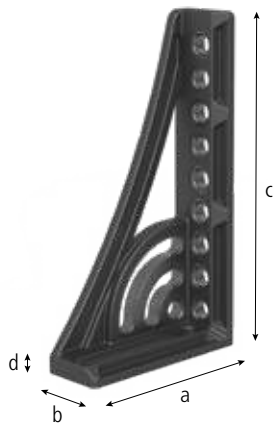
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 G - stop on left - nitrided - standard with fine scale		200 mm	75 mm	300 mm	approx. 27 mm	6,52 kg	2-280152.N 238.00 USD ●
Stop and Clamping Square 500 G - stop on left - nitrided - standard with fine scale		200 mm	75 mm	500 mm	approx. 27 mm	9,40 kg	2-280162.N 310.00 USD ●
Stop and Clamping Square 750 G - stop on left - nitrided - standard with fine scale		276 mm	85 mm	750 mm	approx. 27 mm	13,60 kg	2-280166.N 378.00 USD ●
Stop and Clamping Square 750 G - stop on right - nitrided - standard with fine scale		276 mm	85 mm	750 mm	approx. 27 mm	13,60 kg	2-280167.N 378.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 500 G with rotation angle

Description:

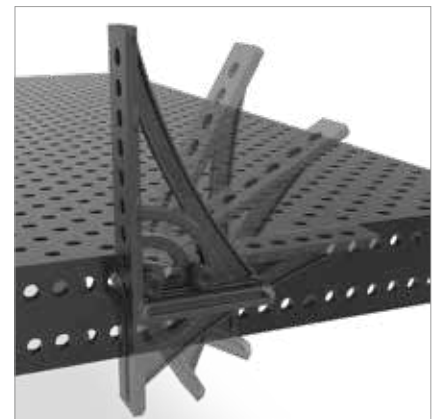
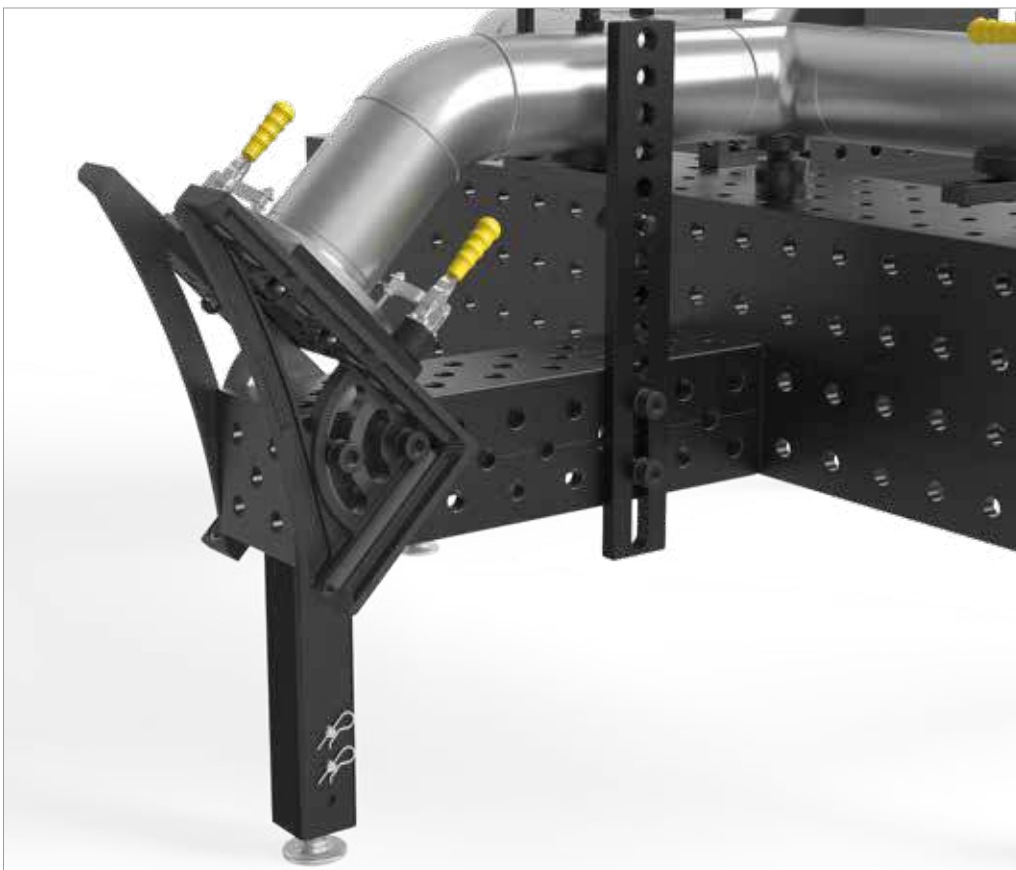
Stop and Clamping Square 500 G, can be fixed and variably adjusted due to the combination of system bore holes and the oblong slot. The versatile Square can also be used as table extension. This component is manufactured of high quality GGG40 ductile cast iron.

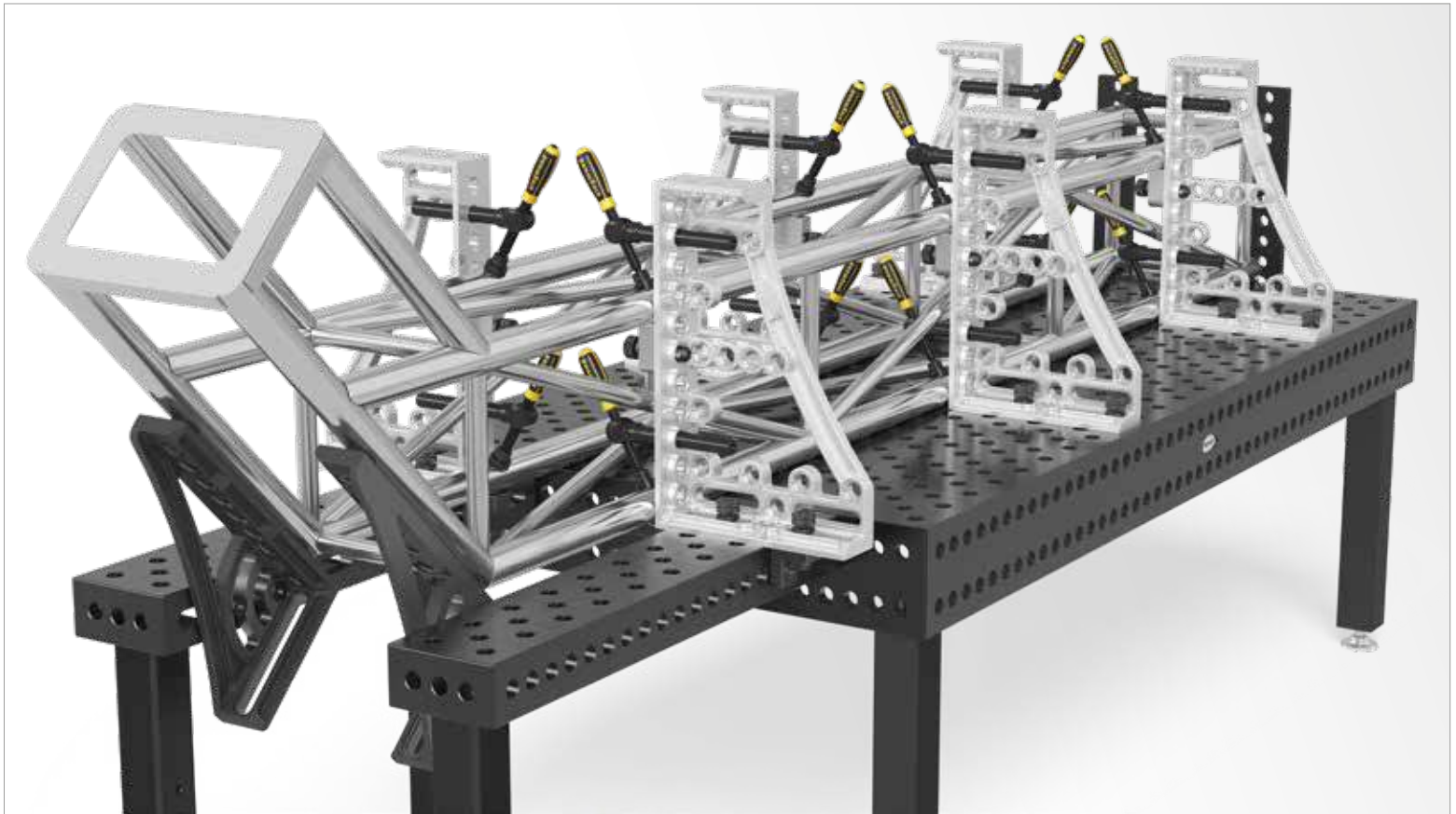










280164.N



280165.N





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 500 G with rotation angle - stop on left - Cast iron / nitrided - standard with fine scale	    276 mm	95 mm	500 mm	approx. 27 mm	11,50 kg	2-280164.N 436.00 USD ●
Stop and Clamping Square 500 G with rotation angle - stop on right - Cast iron / nitrided - standard with fine scale	    276 mm	95 mm	500 mm	approx. 27 mm	11,50 kg	2-280165.N 436.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 300 GK / 500 GK

Description:

Stop and Clamping Squares 300 GK / 500 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.



280124.N



280126.N

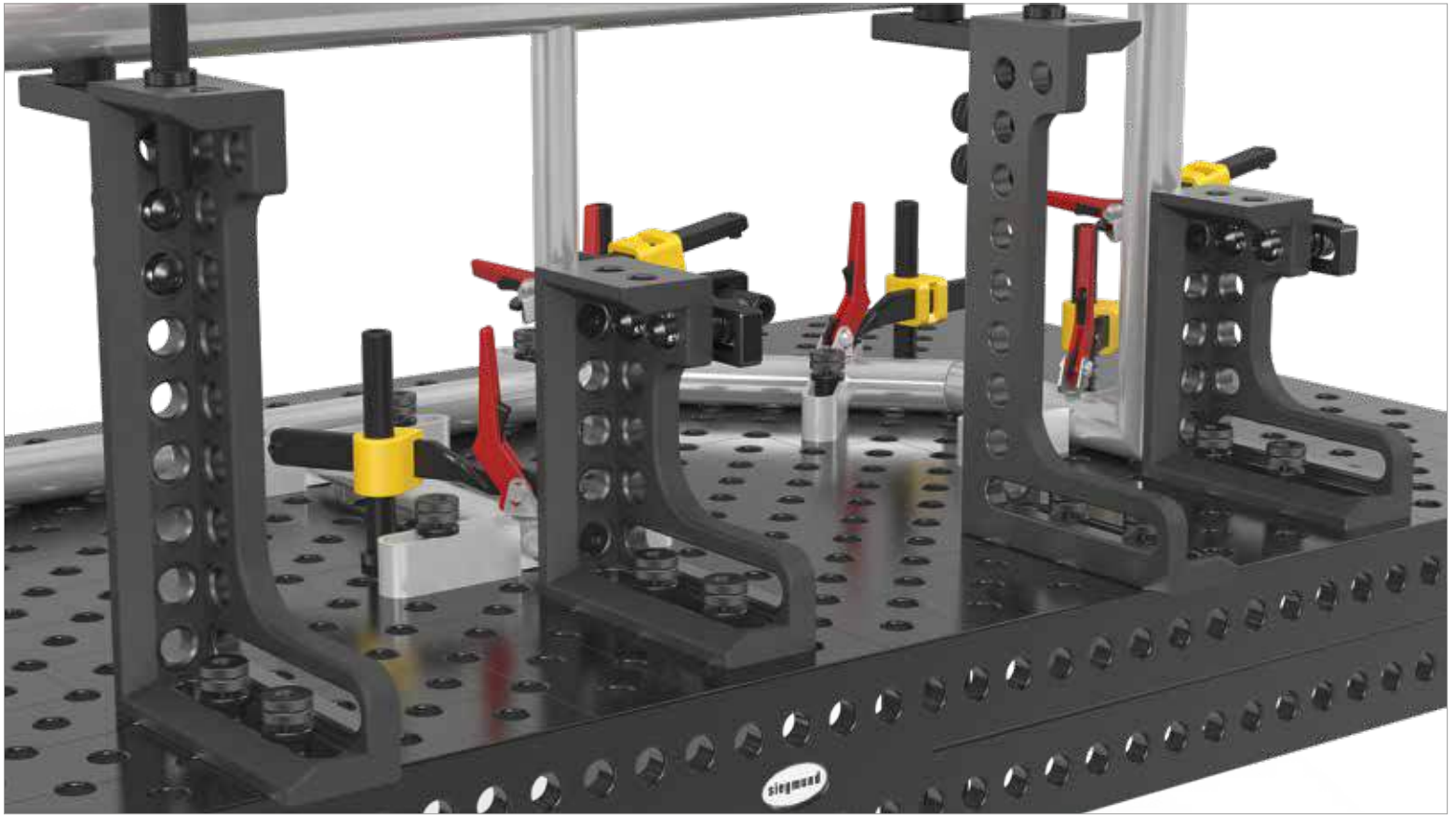


280130.N



280132.N

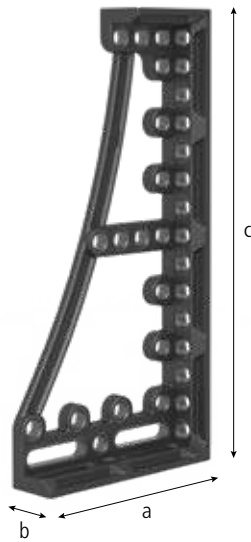




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 GK - stop on left - nitrided - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280124.N 374.00 USD ●
Stop and Clamping Square 300 GK - stop on right - nitrided - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280126.N 374.00 USD ●
Stop and Clamping Square 500 GK - stop on left - nitrided - standard with fine scale	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280130.N 460.00 USD ●
Stop and Clamping Square 500 GK - stop on right - nitrided - standard with fine scale	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280132.N 460.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 600 GK / 800 GK



280134.N



280136.N



280144.N

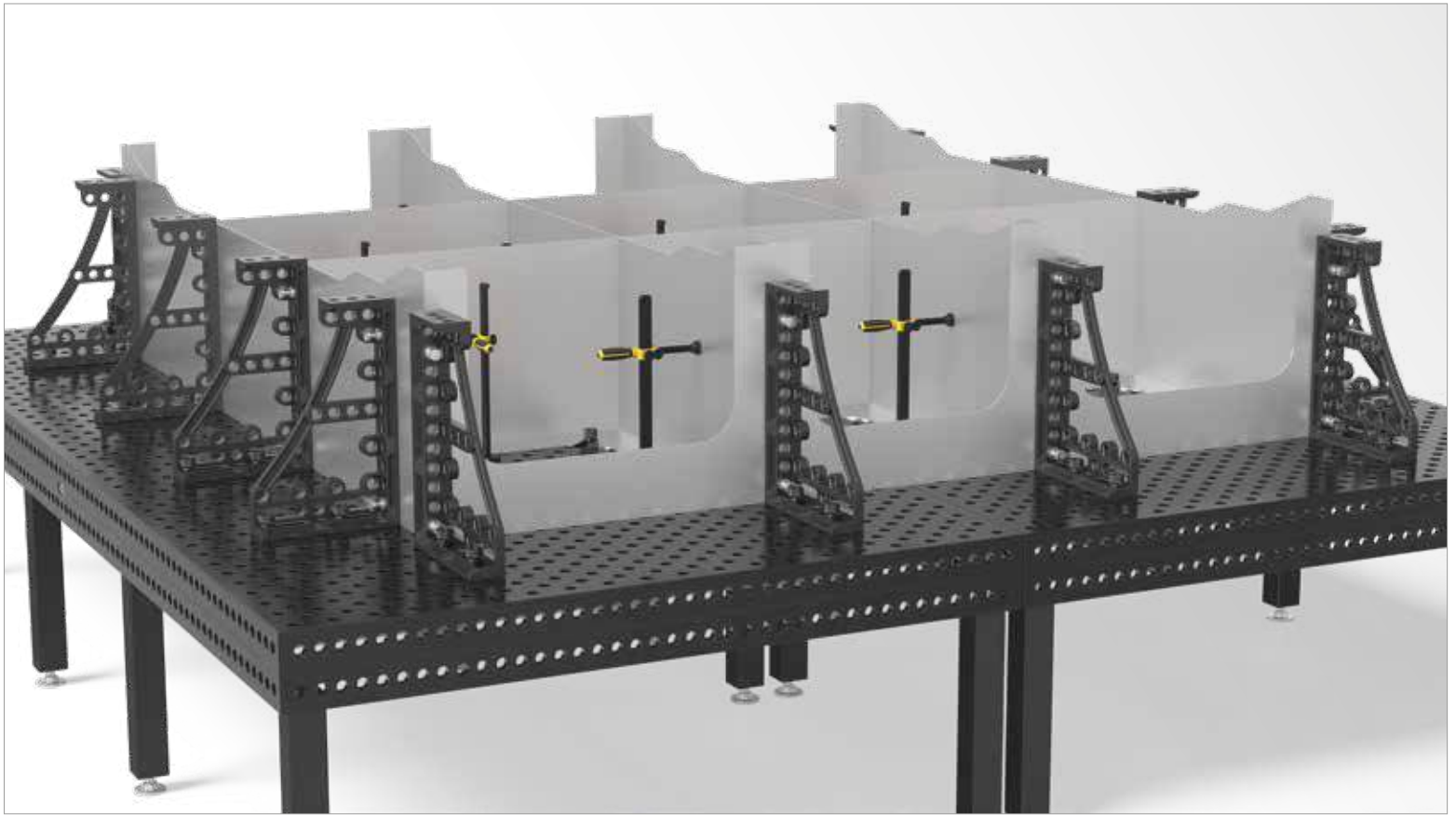


280146.N

Description:

Stop and Clamping Square 600 GK / 800 GK, enables a multitude of clamping options, due to its three-dimensionality. It was specifically designed for work with heavy parts, 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.

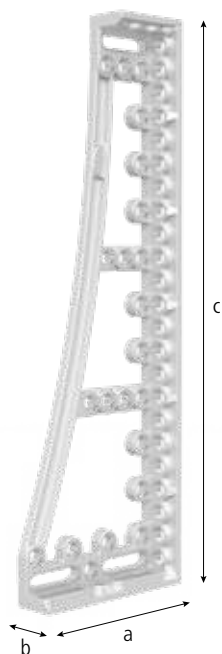




		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 600 GK - stop on left - nitrided - standard with fine scale		376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280134.N 556.00 USD ●
Stop and Clamping Square 600 GK - stop on right - nitrided - standard with fine scale		376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280136.N 556.00 USD ●
Stop and Clamping Square 800 GK - stop on left - nitrided - standard with fine scale		376 mm	95 mm	800 mm	approx. 27 mm	27,00 kg	2-280144.N 682.00 USD ●
Stop and Clamping Square 800 GK - stop on right - nitrided - standard with fine scale		376 mm	95 mm	800 mm	approx. 27 mm	27,00 kg	2-280146.N 682.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

Aluminum-Titanium: We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.





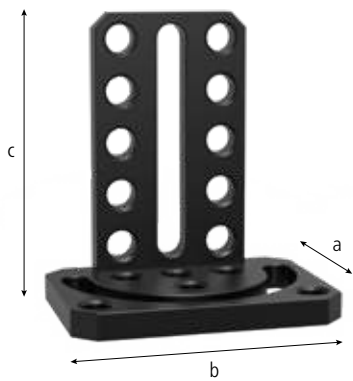
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 GK Aluminum-Titanium - stop on left - standard with fine scale		280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280120 390.00 USD ●
Stop and Clamping Square 300 GK Aluminum-Titanium - stop on right - standard with fine scale		280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280121 390.00 USD ●
Stop and Clamping Square 600 GK Aluminum-Titanium - stop on left - standard with fine scale		376 mm	95 mm	600 mm	approx. 27 mm	8,70 kg	2-280138 610.00 USD ●
Stop and Clamping Square 600 GK Aluminum-Titanium - stop on right - standard with fine scale		376 mm	95 mm	600 mm	approx. 27 mm	8,70 kg	2-280139 610.00 USD ●
Stop and Clamping Square 800 GK Aluminum-Titanium - stop on left - standard with fine scale		376 mm	95 mm	800 mm	approx. 27 mm	10,40 kg	2-280140 750.00 USD ●
Stop and Clamping Square 800 GK Aluminum-Titanium - stop on right - standard with fine scale		376 mm	95 mm	800 mm	approx. 27 mm	10,40 kg	2-280141 750.00 USD ●
Stop and Clamping Square 1200 GK Aluminum-Titanium - stop on left - standard with fine scale		376 mm	95 mm	1200 mm	approx. 27 mm	13,50 kg	2-280148 1,190.00 USD ●
Stop and Clamping Square 1200 GK Aluminum-Titanium - stop on right - standard with fine scale		376 mm	95 mm	1200 mm	approx. 27 mm	13,50 kg	2-280149 1,190.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

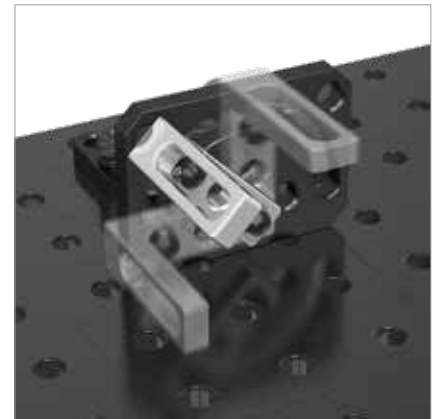
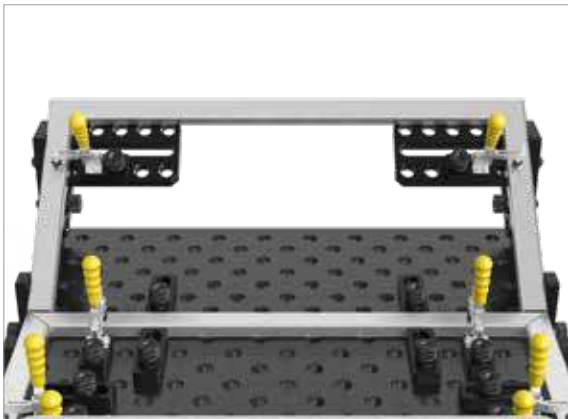
Rotation Angle 275

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.



280101.N



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Rotation Angle 275 - nitrided	180 mm	250 mm	275 mm	10,20 kg	2-280101.N 522.00 USD

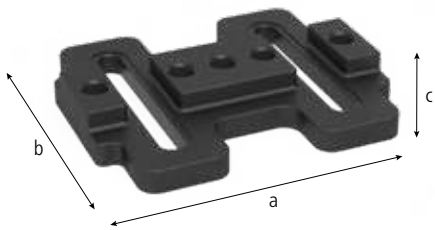
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Sliding Base

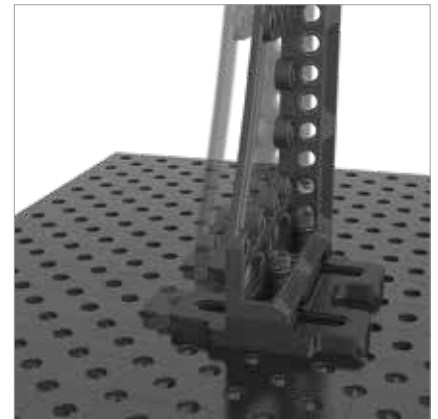
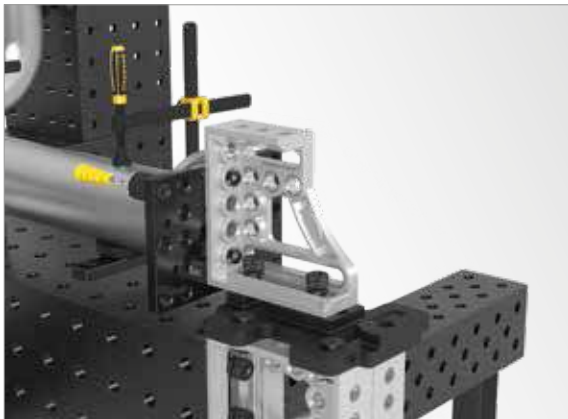
Description:

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.N



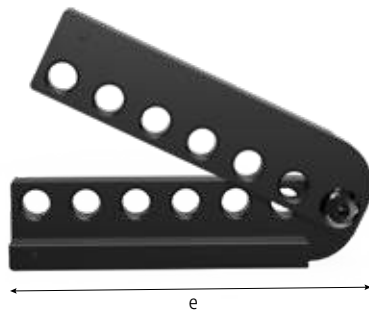
Sliding Base - nitrided	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
	350 mm	300 mm	50 mm	16,00 kg	2-280195.N 482.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

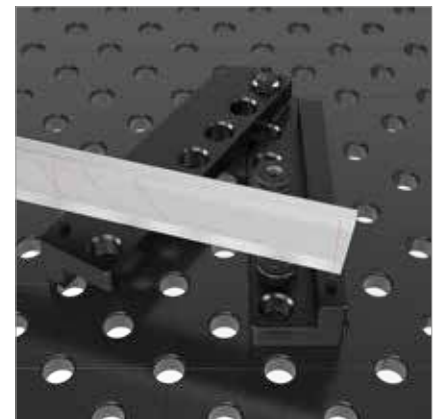
Universal Angle Mechanical Clamping

Description:

Universal Angle Mechanical Clamping, 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 a hex wrench. The Setup template is included with delivery.



280170.N



SL: (e) Weight: Item No.

Universal Angle Mechanical Clamping

- nitrided
- incl setting template



350 mm

14,50 kg

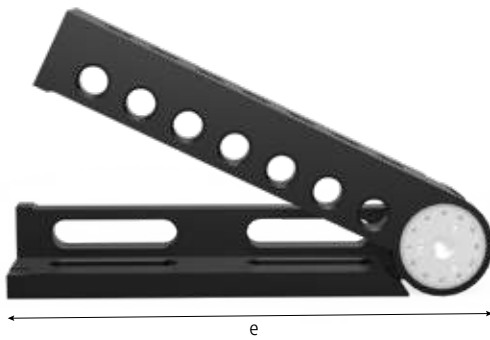
2-280170.N
566.00 USD

SL=Side length; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 hex wrench is available as Item No. 280854.



280171

280854



Universal Angle Hydromechanical Clamping
- burnished

Hex wrench 14

SL: (e)	Weight:	Item No.
475 mm	23,00 kg	2-280171 ● 938.00 USD
	0,45 kg	2-280854 ● 24.00 USD

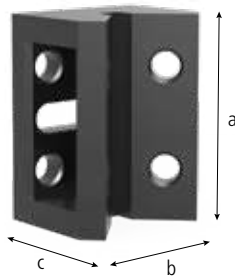
SL=Side length; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Corner Connection, Cast Iron

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 5 sides (Item No. 280191.N).

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



280190.N

280191.N



		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Corner Connection small, Cast Iron - nitrided		200 mm	150 mm	120 mm	11,80 kg	2-280190.N 334.00 USD ●
Corner Connection, Cast Iron - nitrided		200 mm	200 mm	170 mm	15,70 kg	2-280191.N 446.00 USD ●

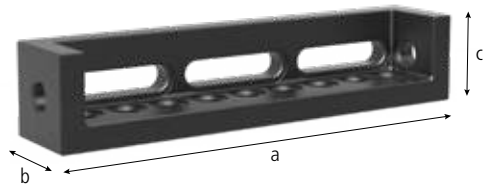
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Moveable Square - Cast iron / nitrided   	500 mm	100 mm	100 mm	15,80 kg	2-280302.N 394.00 USD

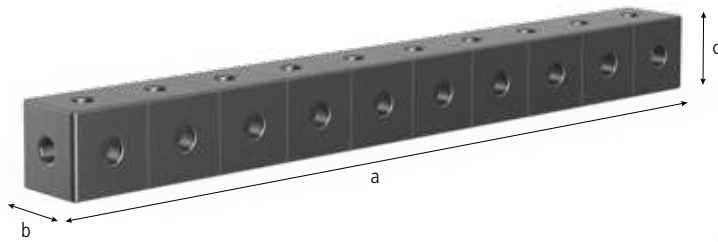
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Clamping Rail



Description:

Clamping Rail, especially compact clamping tool, used as a versatile connection element. The bore holes are spaced 100 mm apart.





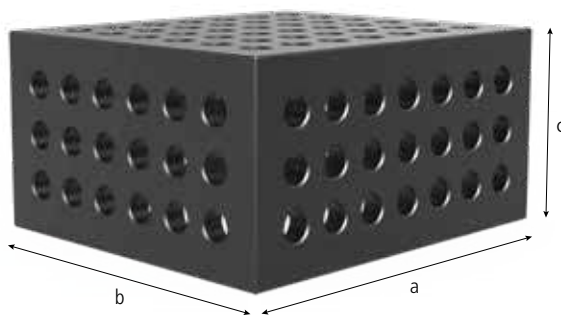
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Clamping Rail 1000 - nitrided	1000 mm	100 mm	100 mm	25 mm	approx. 48 kg	2-280303.P 1,060.00 USD ○
Clamping Rail 2000 - nitrided	2000 mm	100 mm	100 mm	25 mm	approx. 95 kg	2-280303.1.P 1,702.00 USD ○
Clamping Rail 3000 - nitrided	3000 mm	100 mm	100 mm	25 mm	approx. 141 kg	2-280303.2.P 2,772.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

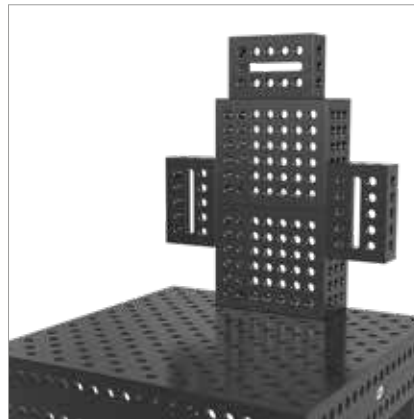
Clamping Block

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.
Clamping Block 400x350x200 - five-sided - Plasma nitrided	400 mm	350 mm	200 mm	25 mm	60,00 kg	2-280285.P 1,048.00 USD
Additional sizes upon request						○

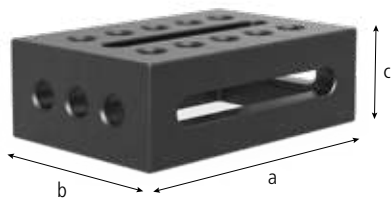
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N

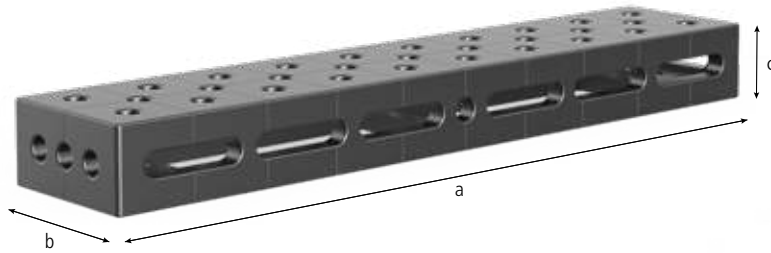
280301.N



		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Support and Clamping Frame, Cast Iron right - stop on right - nitrided		300 mm	200 mm	100 mm	19,50 kg	2-280300.N 474.00 USD ●
Support and Clamping Frame, Cast Iron left - stop on left - nitrided		300 mm	200 mm	100 mm	19,50 kg	2-280301.N 474.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Square U-Shape 200/100 oblong slot



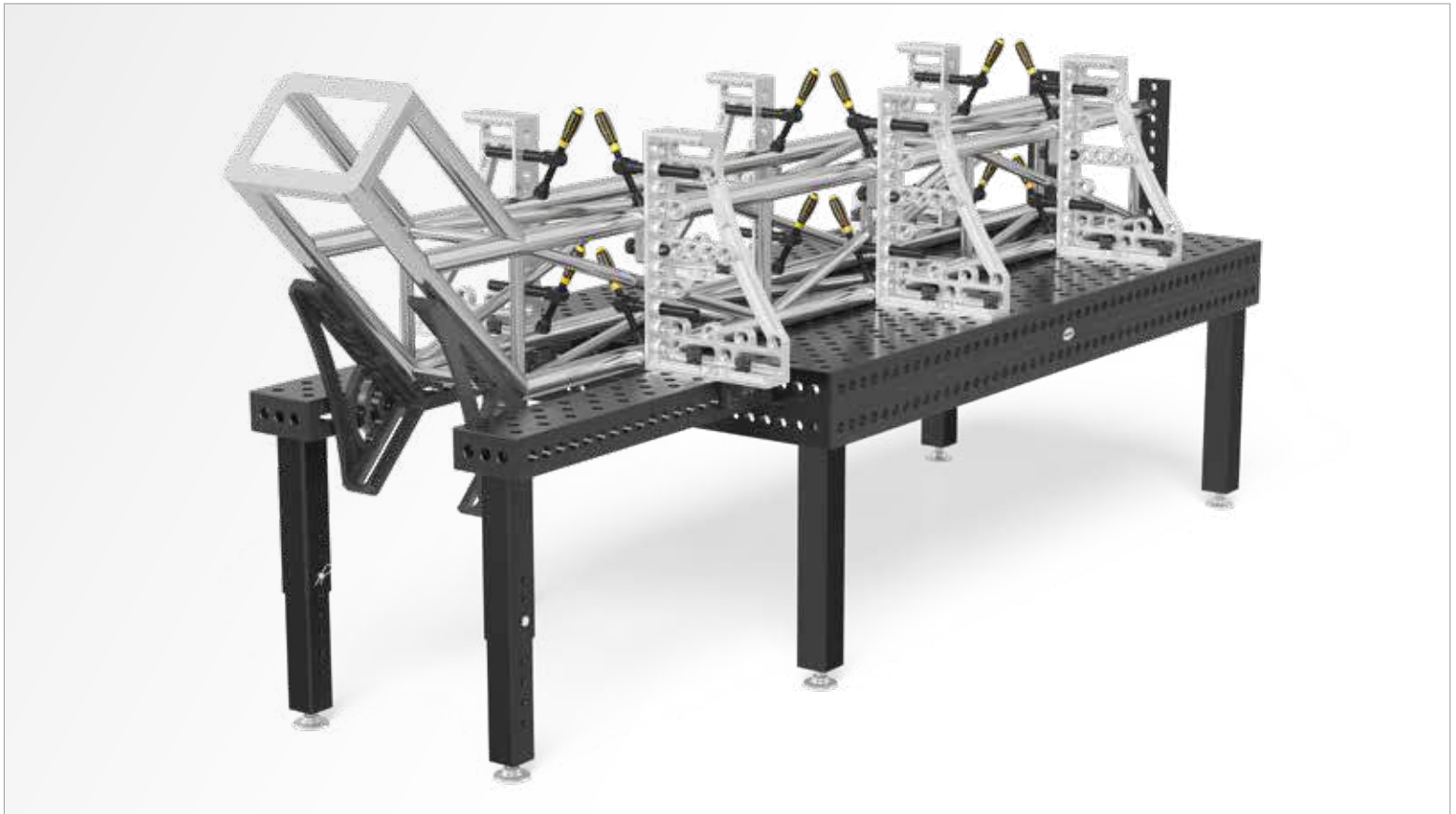
Description:

Square U-Shape 200/100 with oblong slot, functions like the U-shaped Square 200/100. It offers additional oblong slots for more flexibility.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 280310.P, 280360.P, 280360.2.P, 280630.3.P, 280321.P).

Please find pictures for every product size at www.siegmund.com.





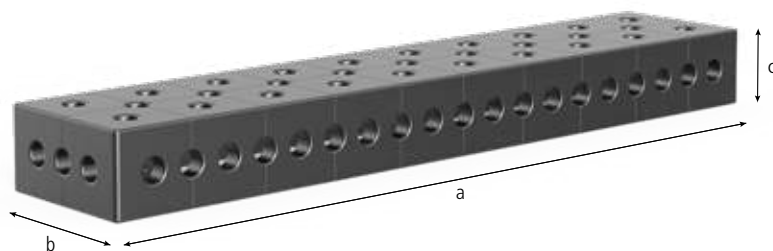
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 500x200x100 oblong slot left Plasma nitrided	500 mm	200 mm	100 mm	25 mm	approx. 40 kg	2-280311.P 760.00 USD ●
Square U-Shape 500x200x100 oblong slot right Plasma nitrided	500 mm	200 mm	100 mm	25 mm	approx. 40 kg	2-280312.P 760.00 USD ●
Square U-Shape 1000x200x100 oblong slot left Plasma nitrided	1000 mm	200 mm	100 mm	25 mm	approx. 72 kg	2-280321.P 1,196.00 USD ●
Square U-Shape 1000x200x100 oblong slot right Plasma nitrided	1000 mm	200 mm	100 mm	25 mm	approx. 72 kg	2-280322.P 1,196.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.



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.N).

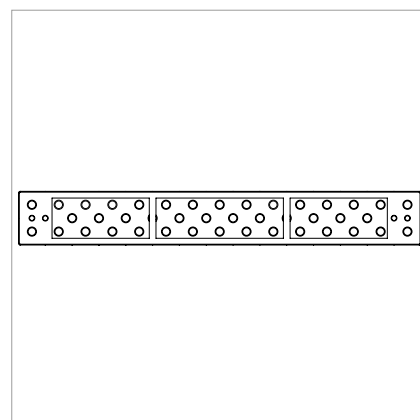
If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

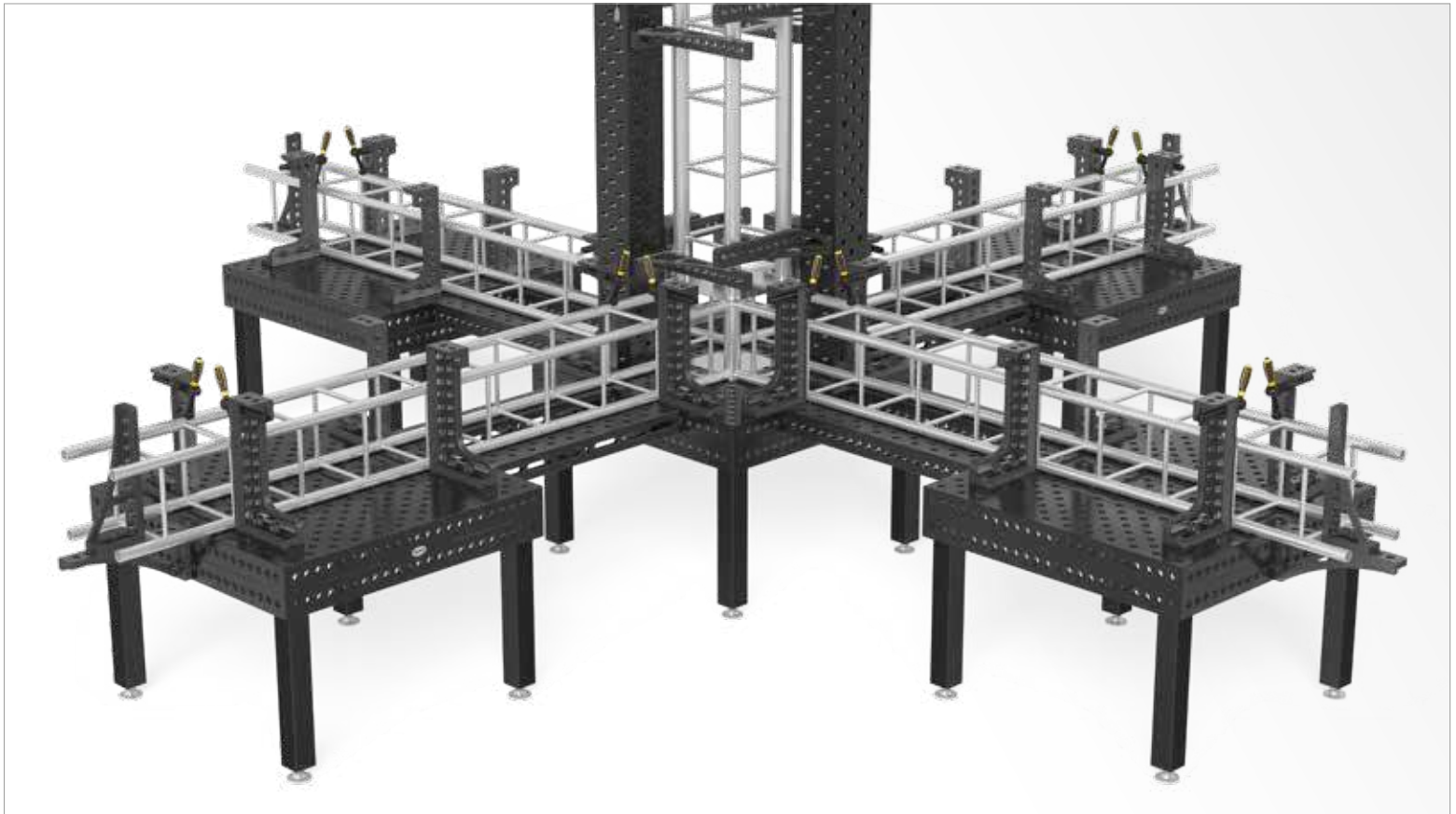
The diagonal hole arrangement enables many clamping- and combination options in connection with other squares and stops.

The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 280310.P, 280360.P, 280360.2.P, 280630.3.P, 280321.P).

Please find pictures for every product size at www.siegmund.com.





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 500x200x100 Plasma nitrided	500 mm	200 mm	100 mm	25 mm	approx. 31 kg	2-280310.P 630.00 USD ●
Square U-Shape 1000x200x100 Plasma nitrided	1000 mm	200 mm	100 mm	25 mm	approx. 75 kg	2-280320.P 1,076.00 USD ●
Square U-Shape 1500x200x100 Plasma nitrided	1500 mm	200 mm	100 mm	25 mm	approx. 108 kg	2-280330.P 1,634.00 USD ●
Square U-Shape 2000x200x100 Plasma nitrided	2000 mm	200 mm	100 mm	25 mm	approx. 141 kg	2-280340.P 2,092.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.

Squares U-shape in comparison

SQUARE U-SHAPE 200/200 - PREMIUM LIGHT

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MATERIAL THICKNESS

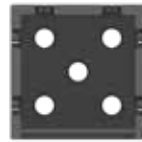
- Material thickness approx. 15 mm

MATERIAL

- Hardened tool steel X8.7,
- plasma nitrided and BAR-coated

EXAMPLE WEIGHT

- 1000 x 200 x 200 mm = 76 kg



15 mm



» Up to 40% lighter!

SQUARE U-SHAPE 200/200

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MATERIAL THICKNESS

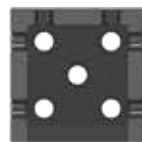
- Material thickness 24,5-27 mm

MATERIAL

- Premium Steel S355J2+N,
- plasma nitrided and BAR-coated

EXAMPLE WEIGHT

- 1000 x 200 x 200 mm = 120 kg



24,5 – 27 mm



SQUARE U-SHAPE 400/200

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MATERIAL THICKNESS

- Material thickness 24,5-27 mm

MATERIAL

- Premium Steel S355J2+N,
- plasma nitrided and BAR-coated

EXAMPLE WEIGHT

- 1000 x 400 x 200 mm = 188 kg



24,5 – 27 mm



SQUARE U-SHAPE 400/400

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MATERIAL THICKNESS

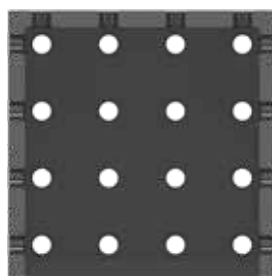
- Material thickness 24,5-27 mm

MATERIAL

- Premium Steel S355J2+N,
- plasma nitrided and BAR-coated

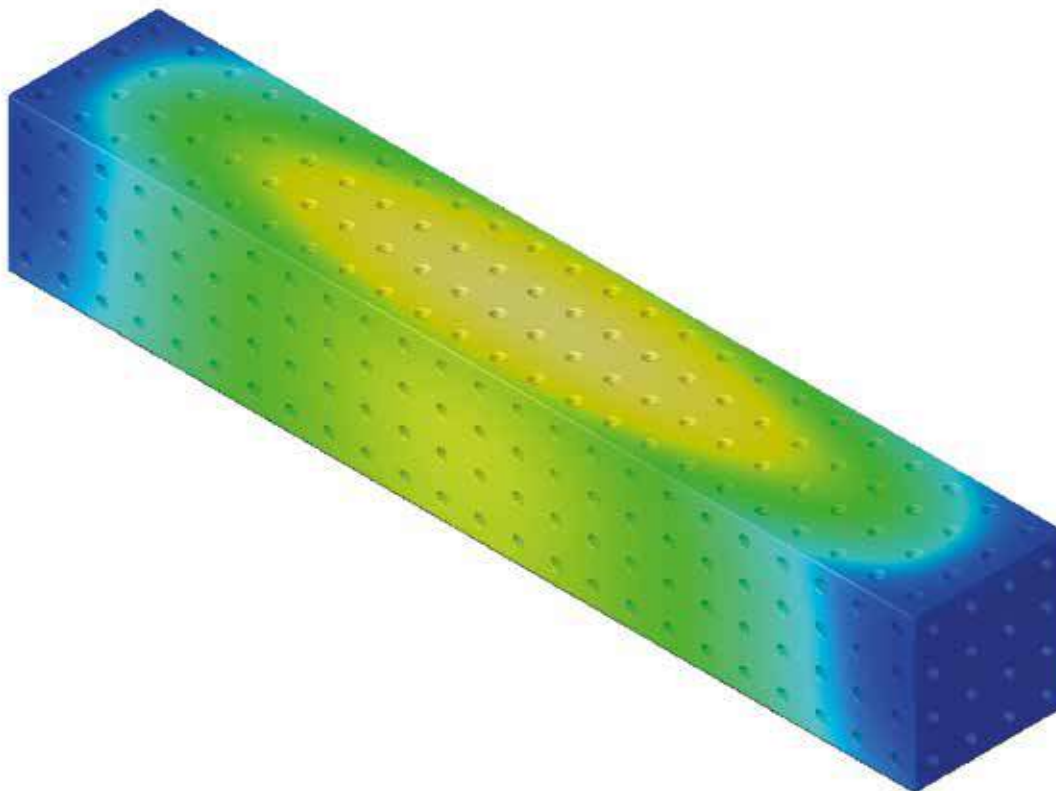
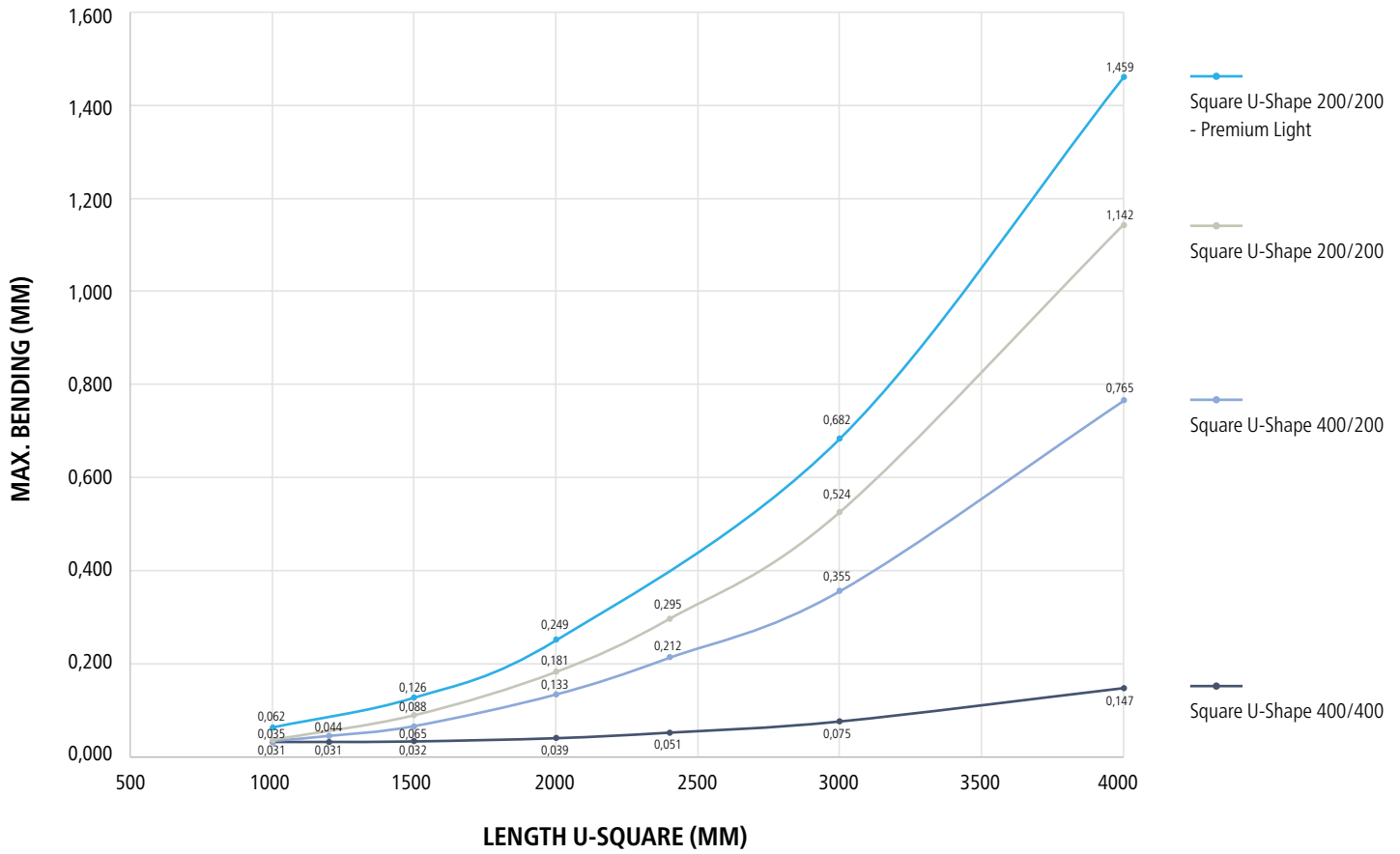
EXAMPLE WEIGHT

- 1000 x 400 x 400 mm = 295 kg



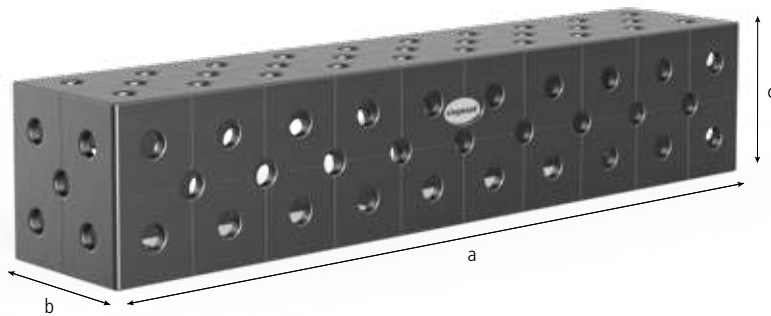
24,5 – 27 mm





The load test was carried out with a surface load of 20 kN.

Square U-Shape 200/200 Premium Light



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. 800562).

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.

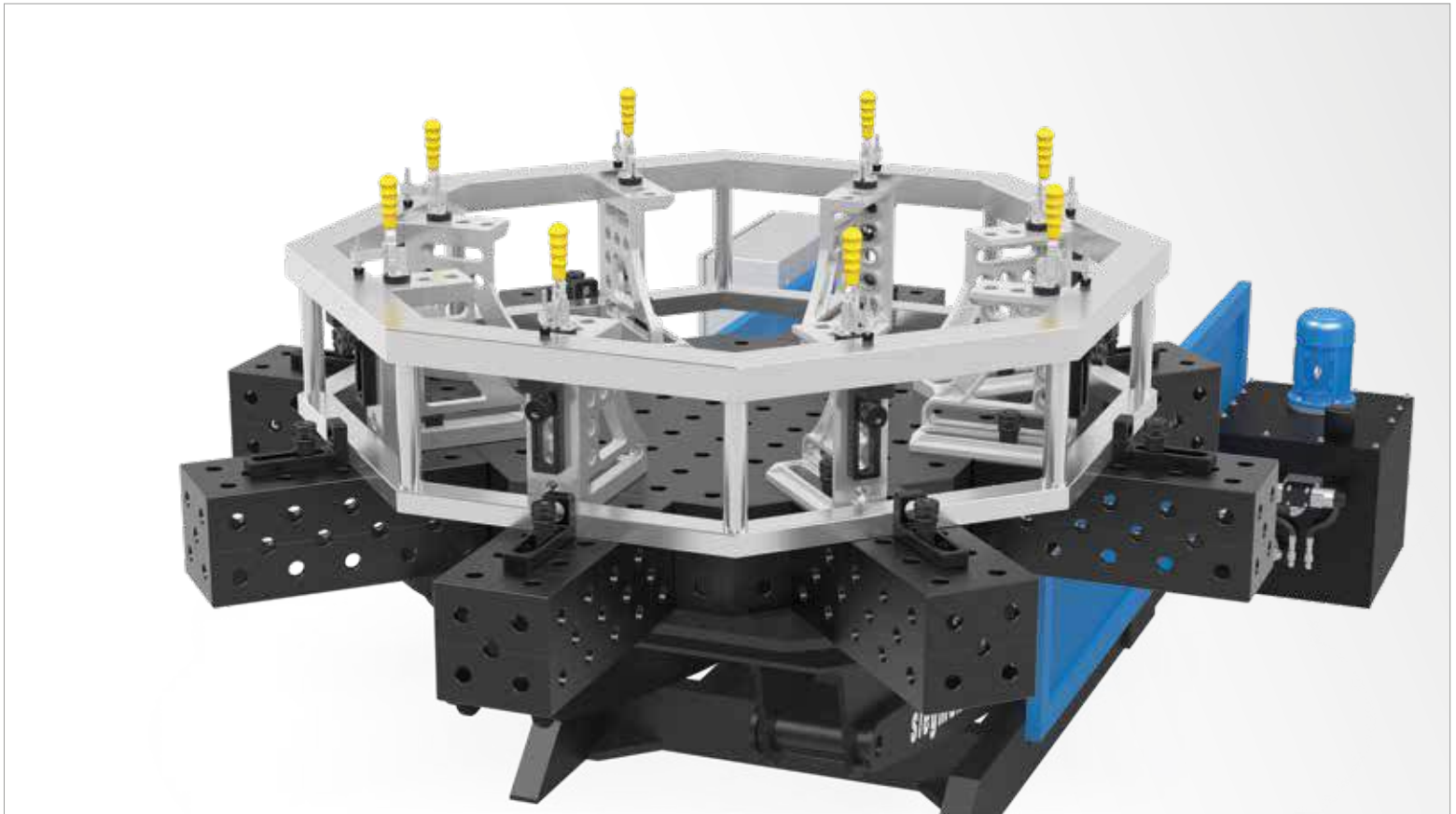
The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs.

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

Material: Through-hardened tool steel out of special alloy Siegmund X8.7.





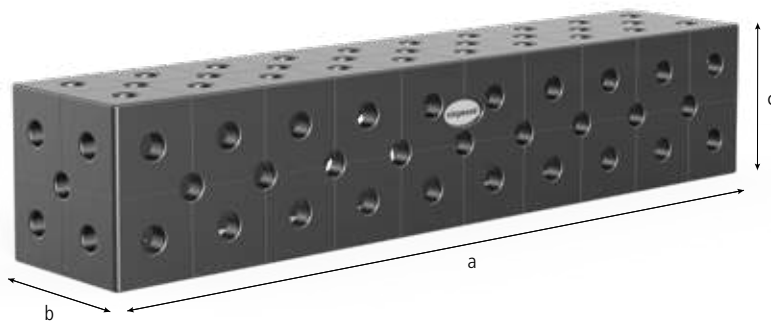
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape Premium Light 500x200x200 Plasma nitrided	500 mm	200 mm	200 mm	15 mm	approx. 42 kg	2-800360.P 764.00 USD ●
Square U-Shape Premium Light 1000x200x200 Plasma nitrided	1000 mm	200 mm	200 mm	15 mm	approx. 76 kg	2-800370.P 1,286.00 USD ●
Square U-Shape Premium Light 1500x200x200 Plasma nitrided	1500 mm	200 mm	200 mm	15 mm	approx. 110 kg	2-800380.P 1,830.00 USD ●
Square U-Shape Premium Light 2000x200x200 Plasma nitrided	2000 mm	200 mm	200 mm	15 mm	approx. 143 kg	2-800390.P 2,248.00 USD ●
Additional sizes upon request						○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

The Premium Light U-squares can be fastened to the table with the help of connecting bolts (Item No. 800562).

For clamping on Premium Light with a clamping bolt, the spacer ring (Item No. 280653) is required.

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.N).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

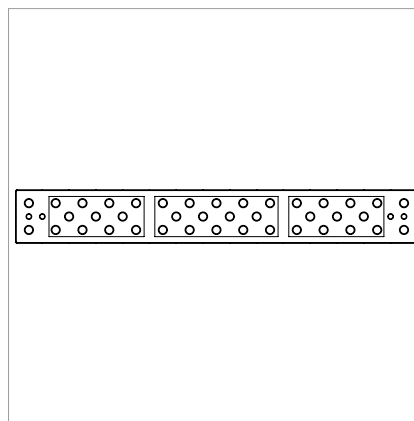
Combined with the legs (Item No. 280376), Riser Blocks can be flexibly used on the foundation rails.

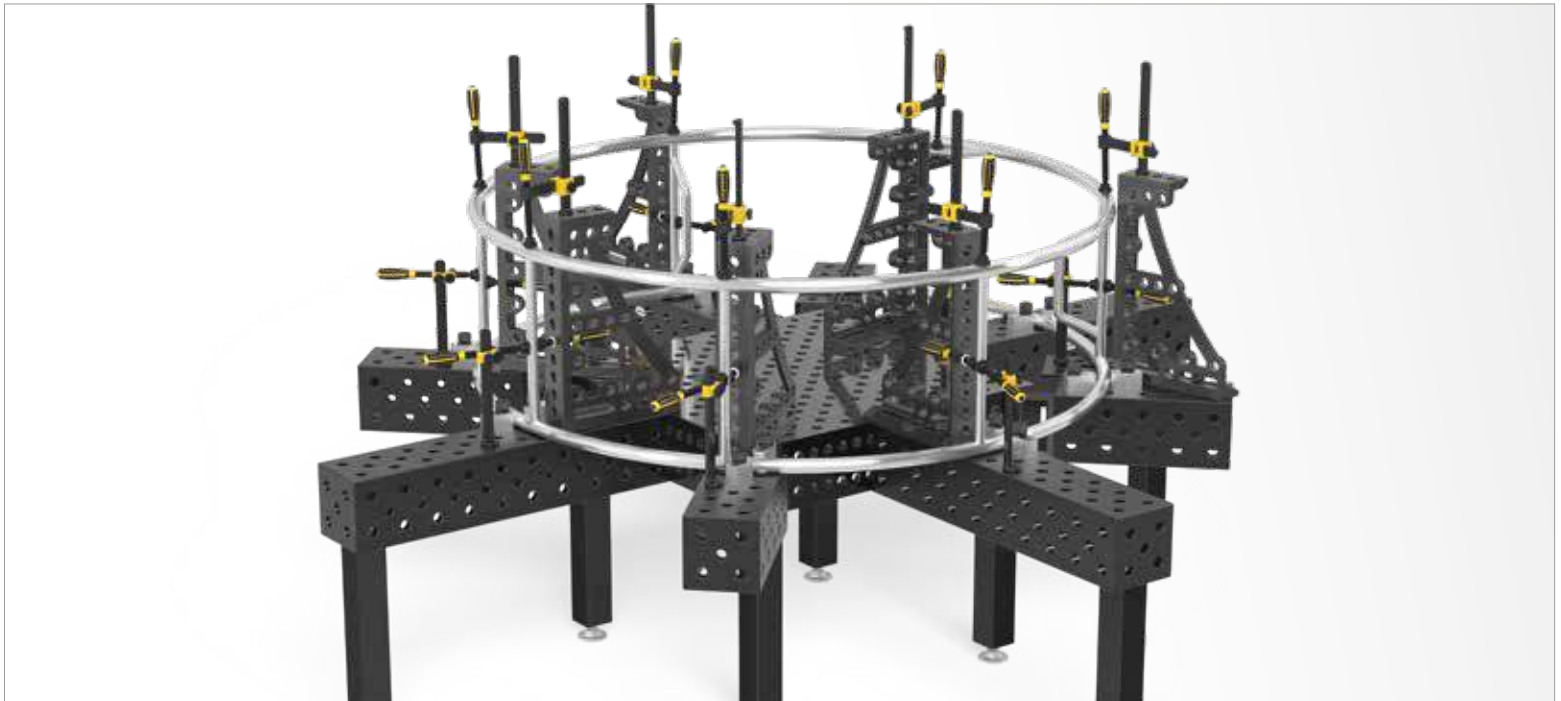
A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 280310.P, 280360.P, 280360.2.P, 280630.3.P, 280321.P).

Please find pictures for every product size at www.siegmund.com.



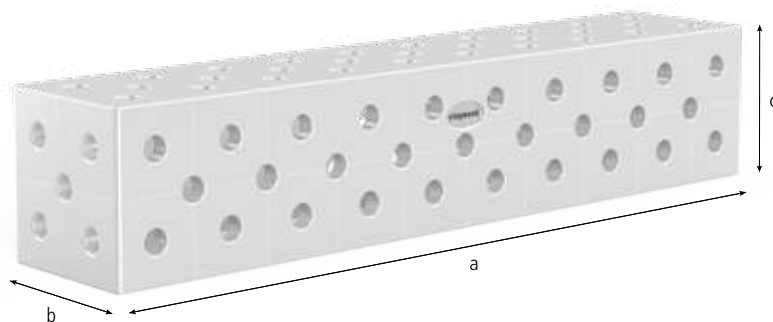


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 100x200x200 Plasma nitrided	100 mm	200 mm	200 mm	25 mm	approx. 21 kg	2-280396.P 510.00 USD ●
Square U-Shape 200x200x200 Plasma nitrided	200 mm	200 mm	200 mm	25 mm	approx. 31 kg	2-280396.1.P 618.00 USD ●
Square U-Shape 500x200x200 Plasma nitrided	500 mm	200 mm	200 mm	25 mm	approx. 67 kg	2-280360.P 764.00 USD ●
Square U-Shape 600x200x200 Plasma nitrided	600 mm	200 mm	200 mm	25 mm	approx. 77 kg	2-280362.P 980.00 USD ●
Square U-Shape 800x200x200 Plasma nitrided	800 mm	200 mm	200 mm	25 mm	approx. 99 kg	2-280366.P 1,176.00 USD ●
Square U-Shape 1000x200x200 Plasma nitrided	1000 mm	200 mm	200 mm	25 mm	approx. 120 kg	2-280370.P 1,286.00 USD ●
Square U-Shape 1200x200x200 Plasma nitrided	1200 mm	200 mm	200 mm	25 mm	approx. 140 kg	2-280374.P 1,614.00 USD ●
Square U-Shape 1400x200x200 Plasma nitrided	1400 mm	200 mm	200 mm	25 mm	approx. 162 kg	2-280378.P 1,776.00 USD ●
Square U-Shape 1500x200x200 Plasma nitrided	1500 mm	200 mm	200 mm	25 mm	approx. 172 kg	2-280380.P 1,830.00 USD ●
Square U-Shape 1600x200x200 Plasma nitrided	1600 mm	200 mm	200 mm	25 mm	approx. 182 kg	2-280382.P 1,980.00 USD ●
Square U-Shape 1800x200x200 Plasma nitrided	1800 mm	200 mm	200 mm	25 mm	approx. 204 kg	2-280386.P 2,146.00 USD ●
Square U-Shape 2000x200x200 Plasma nitrided	2000 mm	200 mm	200 mm	25 mm	approx. 225 kg	2-280390.P 2,248.00 USD ●
Square U-Shape 2400x200x200 Plasma nitrided	2400 mm	200 mm	200 mm	25 mm	approx. 266 kg	2-280391.P 2,772.00 USD ●
Square U-Shape 3000x200x200 Plasma nitrided	3000 mm	200 mm	200 mm	25 mm	approx. 331 kg	2-280392.P 3,476.00 USD ●
Square U-Shape 4000x200x200 Plasma nitrided	4000 mm	200 mm	200 mm	25 mm	approx. 439 kg	2-280394.P 4,270.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.

Square U-Shape 200/200 Aluminum-Titanium



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.N).

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.

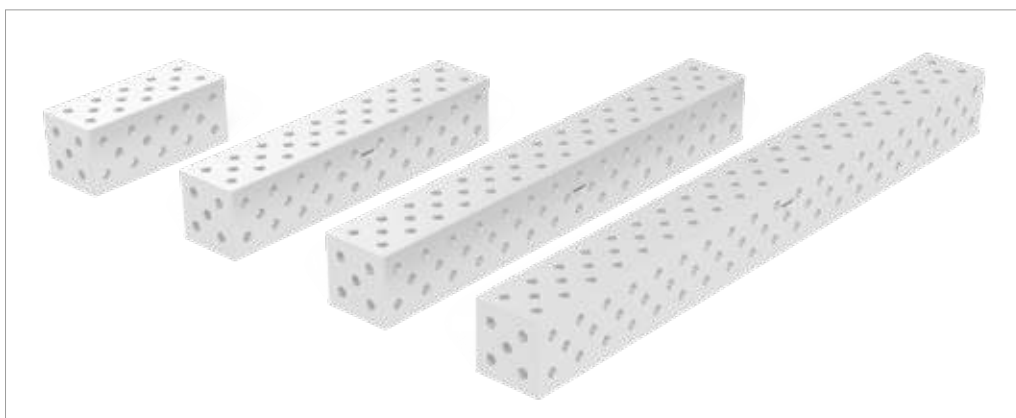
A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs.

Aluminum-Titanium: We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.

Please find pictures for every product size at www.siegmund.com.

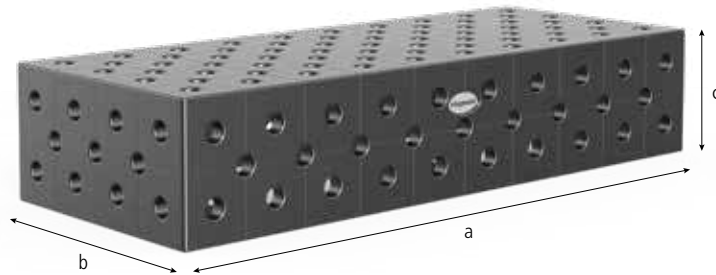




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Aluminum
Square U-Shape 500x200x200 Aluminum-Titanium	500 mm	200 mm	200 mm	25 mm	approx. 23 kg	3-280360.AT . ○
Square U-Shape 1000x200x200 Aluminum-Titanium	1000 mm	200 mm	200 mm	25 mm	approx. 41 kg	3-280370.AT . ○
Square U-Shape 1500x200x200 Aluminum-Titanium	1500 mm	200 mm	200 mm	25 mm	approx. 59 kg	3-280380.AT . ○
Square U-Shape 2000x200x200 Aluminum-Titanium	2000 mm	200 mm	200 mm	25 mm	approx. 82 kg	3-280390.AT . ○
Additional sizes upon request						. ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N).

When used as a table extension exceeding 1000 mm, the Riser Block has to be supported by a table leg.

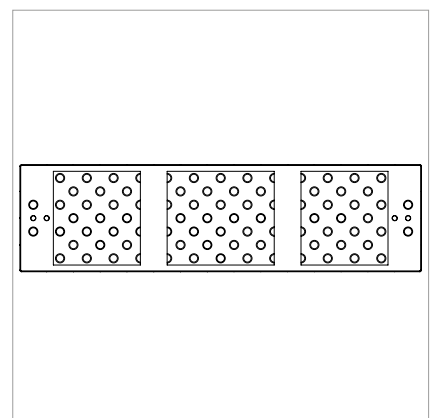
Combined with the legs (Item No. 280371), Riser Blocks can be flexibly used on the foundation rails.

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.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 280310.P, 280360.P, 280360.2.P, 280630.3.P, 280321.P).

Please find pictures for every product size at www.siegmund.com.



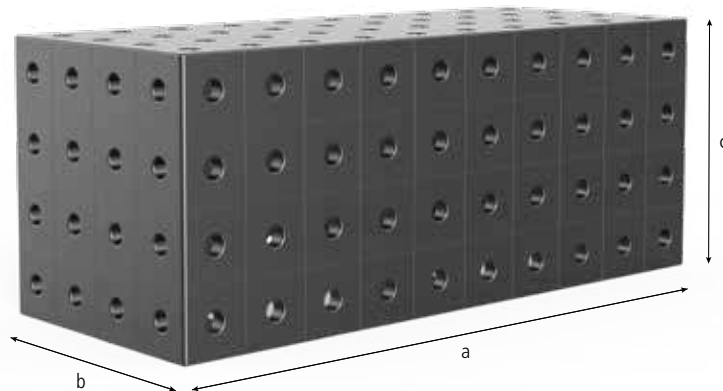


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 500x400x200 Plasma nitrided	500 mm	400 mm	200 mm	25 mm	approx. 107 kg	2-280360.2.P 1,188.00 USD ●
Square U-Shape 1000x400x200 Plasma nitrided	1000 mm	400 mm	200 mm	25 mm	approx. 188 kg	2-280370.2.P 1,920.00 USD ●
Square U-Shape 1200x400x200 Plasma nitrided	1200 mm	400 mm	200 mm	25 mm	approx. 216 kg	2-280374.2.P 2,772.00 USD ○
Square U-Shape 1500x400x200 Plasma nitrided	1500 mm	400 mm	200 mm	25 mm	approx. 260 kg	2-280380.2.P 2,986.00 USD ●
Square U-Shape 2000x400x200 Plasma nitrided	2000 mm	400 mm	200 mm	25 mm	approx. 336 kg	2-280390.2.P 3,532.00 USD ●
Square U-Shape 2400x400x200 Plasma nitrided	2400 mm	400 mm	200 mm	25 mm	approx. 392 kg	2-280391.2.P 4,270.00 USD ○
Square U-Shape 3000x400x200 Plasma nitrided	3000 mm	400 mm	200 mm	25 mm	approx. 489 kg	2-280392.2.P 5,244.00 USD ●
Square U-Shape 4000x400x200 Plasma nitrided	4000 mm	400 mm	200 mm	25 mm	approx. 641 kg	2-280394.2.P 6,956.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on 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.N).

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.

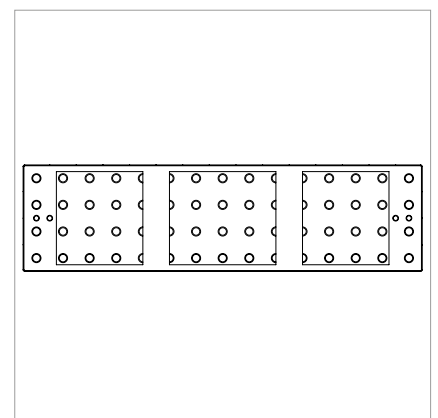
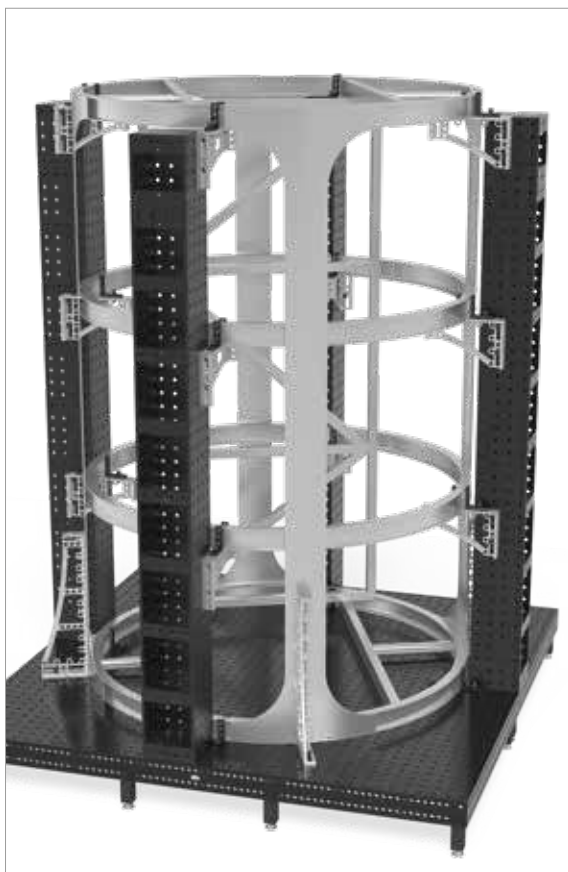
A multitude of clamping- and connection options, using different Riser Blocks and Stops, are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 280310.P, 280360.P, 280360.2.P, 280630.3.P, 280321.P).

Diagonal grid upon request.

Please find pictures for every product size at www.siegmund.com.





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 500x400x400 Plasma nitrided	500 mm	400 mm	400 mm	25 mm	approx. 176 kg	2-280360.3.P 1,814.00 USD ○
Square U-Shape 1000x400x400 Plasma nitrided	1000 mm	400 mm	400 mm	25 mm	approx. 295 kg	2-280370.3.P 3,024.00 USD ●
Square U-Shape 1200x400x400 Plasma nitrided	1200 mm	400 mm	400 mm	25 mm	approx. 340 kg	2-280374.3.P 3,428.00 USD ○
Square U-Shape 1500x400x400 Plasma nitrided	1500 mm	400 mm	400 mm	25 mm	approx. 414 kg	2-280380.3.P 4,384.00 USD ○
Square U-Shape 2000x400x400 Plasma nitrided	2000 mm	400 mm	400 mm	25 mm	approx. 533 kg	2-280390.3.P 5,292.00 USD ○
Square U-Shape 2400x400x400 Plasma nitrided	2400 mm	400 mm	400 mm	25 mm	approx. 622 kg	2-280391.3.P 6,652.00 USD ○
Square U-Shape 3000x400x400 Plasma nitrided	3000 mm	400 mm	400 mm	25 mm	approx. 770 kg	2-280392.3.P 7,994.00 USD ●
Square U-Shape 4000x400x400 Plasma nitrided	4000 mm	400 mm	400 mm	25 mm	approx. 1007 kg	2-280394.3.P 10,886.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.



Page 246
Fast Clamping Bolt short



Page 246
Fast Clamping Bolt long



Page 247
Universal Bolt, Comfort short



Page 247
Universal Bolt, Comfort long



Page 248
Universal Bolt, Basic short



Page 248
Universal Bolt, Basic long



Page 249
Positioning Bolt



Page 249
Positioning Bolt



Page 250
Fast Clamping Bolt, flat short



Page 250
Fast Clamping Bolt, flat long



Page 251
Flush Mount Bolt short



Page 251
Flush Mount Bolt long



Page 252
Fast Clamping Bolt with handle



Page 253
Connecting Bolt, hexagonal short



Page 254
Connecting Bolt short



Page 254
Connecting Bolt long



Page 254
Connecting Bolt long



Page 255
Connecting Bolt Siegmund <-> Siegmund Light



Page 256
Threaded Handwheel with internal hexagon socket short



Page 256
Threaded Handwheel with internal hexagon socket long



Page 256
Washer Packet for Bolts



Page 256
Adjusting Ring



Page 258
Magnetic Clamping Bolt 68



Page 258
Magnetic Clamping Bolt 93

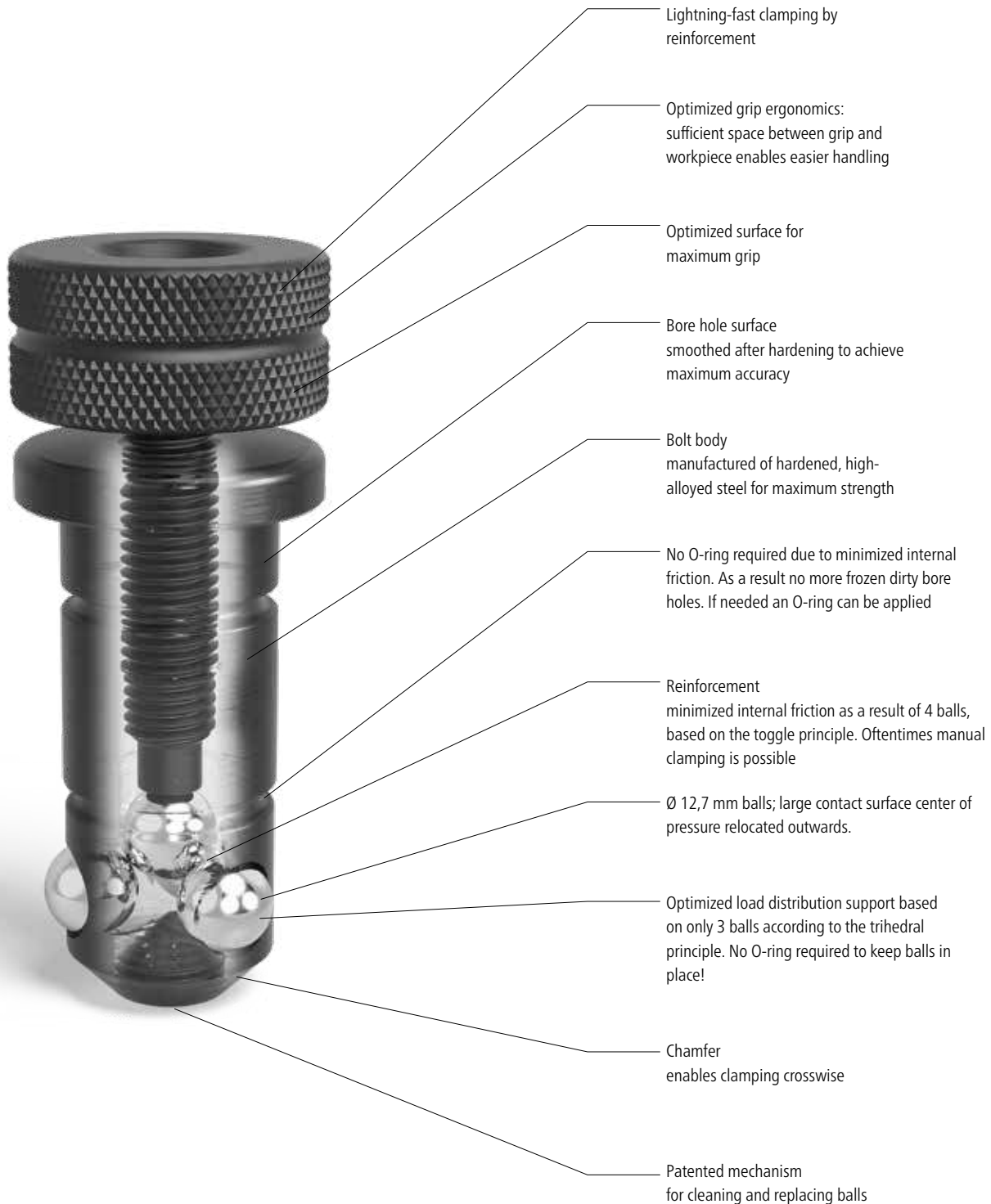


Page 258
Magnetic Clamping Bolt 118

Bolts

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.

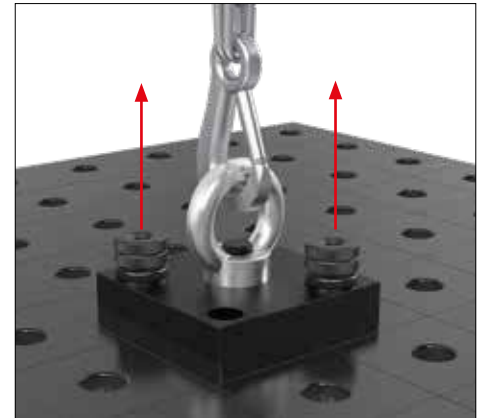
Max. AM of 280510: ≤ 25 Nm



SHEARING FORCE (SK)

The shearing force is the force which reacts laterally to the cross-sectional area of the bolt.

Max. SK of 280510: ≤ 220 kN



TENSILE FORCE (ZK)

The tensile force is the force created when pulling on fixed bolts.

Max. ZK of 280510: ≤ 25 kN

You can also find the product video on:

www.siegmund.com/V280510



Fast Clamping Bolt



280510

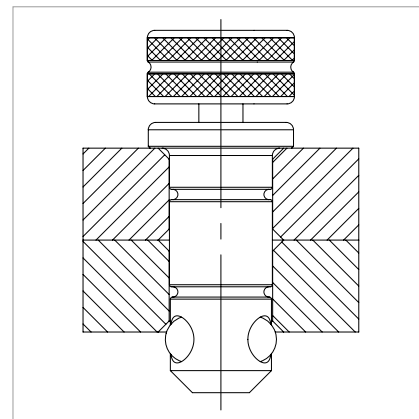


280512

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.
Fast Clamping Bolt short - for clamping 2 components - burnished - with screw top	95 mm	28 mm	0,54 kg	220,00 kN	25,00 Nm	25,00 kN	2-280510 ● 82.00 USD
Fast Clamping Bolt long - for clamping 3 components - burnished - with screw top	120 mm	28 mm	0,65 kg	220,00 kN	25,00 Nm	25,00 kN	2-280512 ● 104.00 USD

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Bolt, Comfort

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 hex wrench 14 (Item No. 280854).

This Bolt is NOT approved for combining tables and U-shaped squares!



280532



280533



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Universal Bolt, Comfort short - for clamping 2 components - burnished	100 mm	28 mm	0,60 kg	200,00 kN	25,00 Nm	25,00 kN	2-280532 84.00 USD ●
Universal Bolt, Comfort long - for clamping 3 components - burnished	125 mm	28 mm	0,70 kg	200,00 kN	25,00 Nm	25,00 kN	2-280533 106.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Bolt Basic



280536



280537

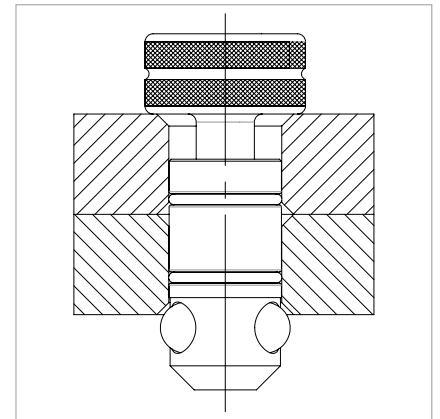
Description:

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 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 a hex wrench 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.
Universal Bolt, Basic short - for clamping 2 components - burnished	84 mm	28 mm	0,43 kg	200,00 kN	25,00 Nm	25,00 kN	2-280536 62.00 USD ●
Universal Bolt, Basic long - for clamping 3 components - burnished	108 mm	28 mm	0,55 kg	200,00 kN	25,00 Nm	25,00 kN	2-280537 82.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

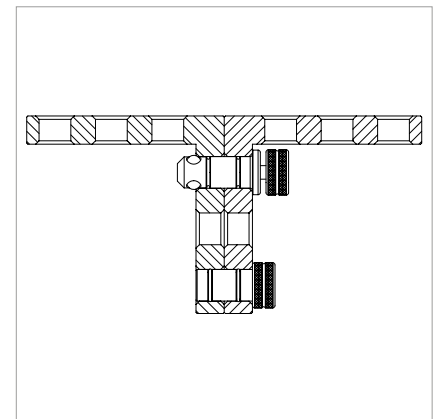
This Bolt is NOT approved for combining tables and U-shaped squares!



280540



280541



	Length: (a)	Ø: (o)	Weight:	Item No.
Positioning Bolt - burnished	70 mm	28 mm	0,40 kg	2-280540 ● 22.00 USD
Positioning Bolt - to fix connecting frame on rail	90 mm	28 mm	0,53 kg	2-280541 ● 28.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Fast Clamping Bolt, flat

Description:

Flat Burnished Clamping Bolt, mainly used for clamping of oblong holes. Like the countersunk bolt, it reduces protrusion.

Ideal for cordless screwdriver with up to 25 Nm turning moment.

This Bolt is NOT approved for combining tables and U-shaped squares!



280522



280523



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt, flat short - for clamping 2 components - burnished	74 mm	28 mm	0,36 kg	220,00 kN	25,00 Nm	25,00 kN	2-280522 74.00 USD ●
Fast Clamping Bolt, flat long - for clamping 3 components - burnished	99 mm	28 mm	0,46 kg	220,00 kN	25,00 Nm	25,00 kN	2-280523 86.00 USD ●
Setscrew for 280522 - pack of 10							2-289020 22.00 USD ●
Setscrew for 280523 - pack of 10							2-289013 22.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Flush Mount Bolt

Description:

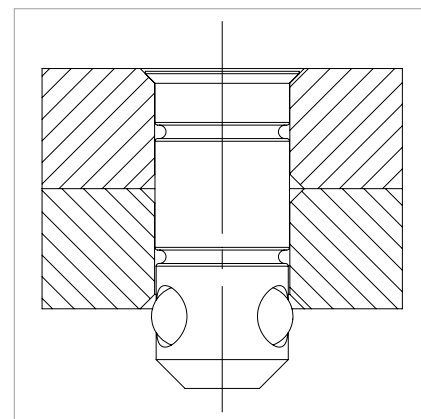
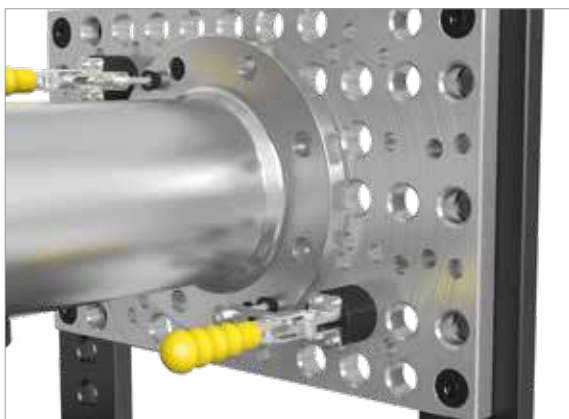
Flush Mount Bolt, used as a hidden connection between Siegmund elements. Its design corresponds with other connecting bolts with four balls. Its head disappears into the bore hole, to make it flush with the clamped component. The Flush Mount Bolt is not suitable for use in oblong slots.

This Bolt is NOT approved for combining tables and U-shaped squares!



280528

280529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Flush Mount Bolt short - for clamping 2 components - burnished	67 mm	28 mm	0,30 kg	220,00 kN	25,00 Nm	10,00 kN	2-280528 74.00 USD ●
Flush Mount Bolt long - for clamping 3 components - burnished	91 mm	28 mm	0,41 kg	220,00 kN	25,00 Nm	10,00 kN	2-280529 96.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Fast Clamping Bolt with handle



280516

Description:

With the Fast Clamping Bolt with handle, components can be clamped quickly and easily without any additional tools.

The clamping stroke can be regulated with the adjusting nut in the range from 33 to 60 mm.

This Bolt is NOT approved for combining tables and U-shaped squares!

Available from 01.04.2019.



	Length: (a)	Ø: (o)	Weight:	SK:	ZK:	Item No.
Fast Clamping Bolt with handle - burnished	235 mm	28 mm	0,63 kg	220,00 kN	25,00 kN	2-280516 106.00 USD ●

SK=Shearing Force; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Connecting Bolt, hexagonal

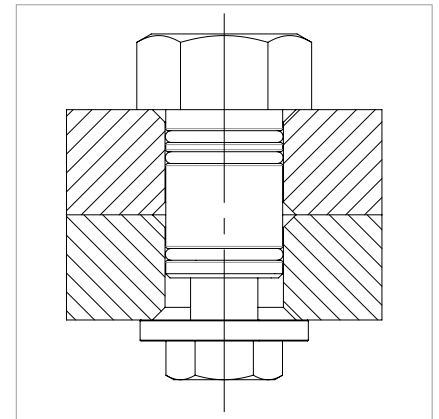
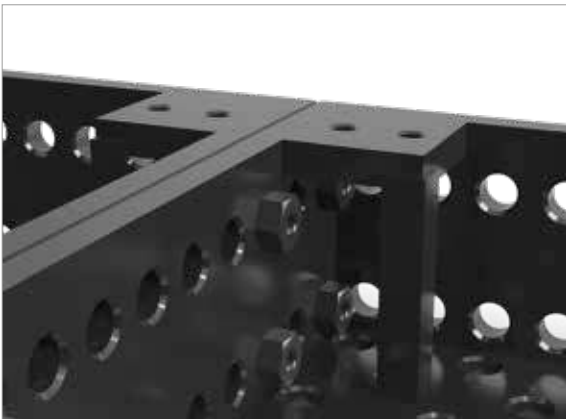
Description:

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 a hex wrench 36 and 24.



280550.1



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt, hexagonal short - for connecting 2 components - burnished - with hexagon socket	58 mm	28 mm	0,40 kg	200,00 kN	25,00 Nm	20,00 kN	2-280550.1 46.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Connecting Bolt

Description:

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 hexagon socket 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. The Connecting Bolt is not suitable for the use in oblong slots.



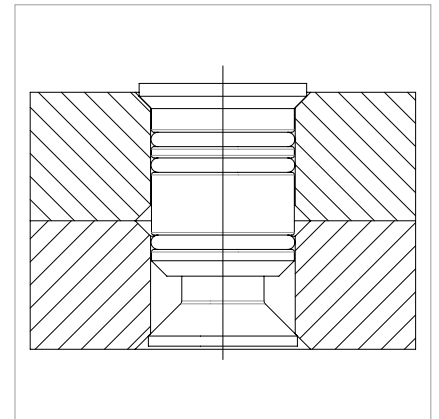
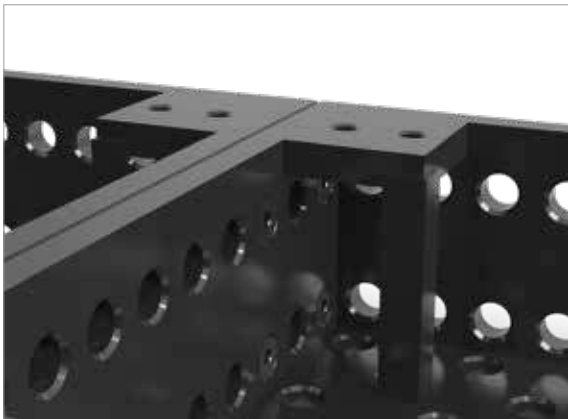
280560.N



280561



280562



		Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt short - for connecting 2 components - nitrided - with hexagon socket		50 mm	28 mm	0,12 kg	200,00 kN	25,00 Nm	10,00 kN	2-280560.N 34.00 USD
Connecting Bolt long - for connecting 3 components - burnished - with hexagon socket		75 mm	28 mm	0,20 kg	200,00 kN	25,00 Nm	10,00 kN	2-280561 42.00 USD
Connecting Bolt long - for connecting 4 components - burnished - with hexagon socket		100 mm	28 mm	0,34 kg	200,00 kN	25,00 Nm	10,00 kN	2-280562 50.00 USD

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Scratch-proof



Welding spatter protection



Corrosion protection

Connecting Bolt Premium Light

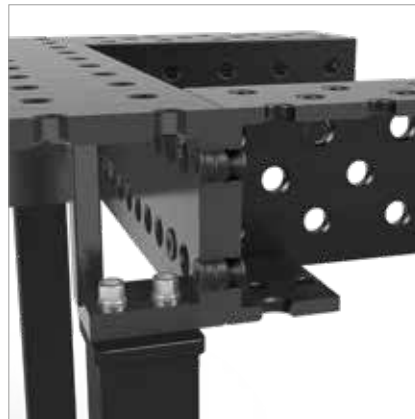
Description:

Connecting Bolt, especially designed to connect Siegmund tables and components (Material thickness 25 mm) with Siegmund Premium Light components (Material thickness 15 mm) using the system bore holes.

The Premium Light U-squares can be fastened to the table with the help of connecting bolts (Item No. 800562).



800562



	Length: (a)	Ø: (o)	Weight:	Item No.
Connecting Bolt Siegmund <-> Siegmund Light - burnished	40 mm	28 mm	0,15 kg	2-800562 34.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Spare Parts for Bolts



280510.1



280512.1



280501



280653



289007.10



289009.10



289010.10



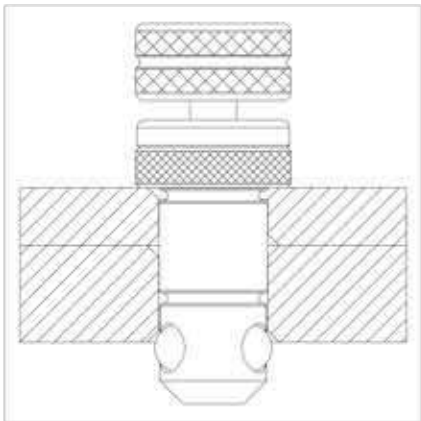
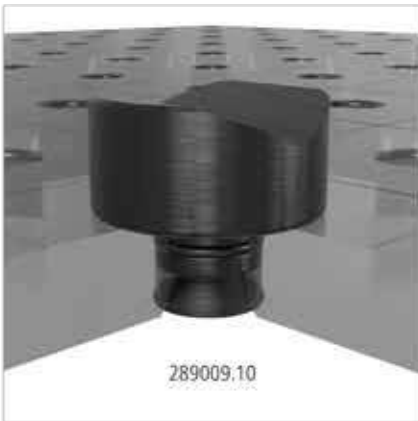
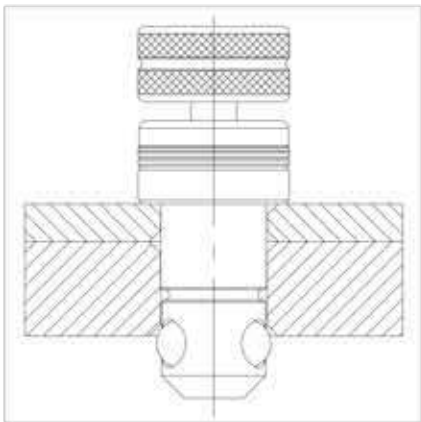
289016.10



289102

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Threaded Handwheel with internal hexagon socket short - Spare part for Fast Clamp Bolt 280510	70 mm		40 mm	0,23 kg	2-280510.1 26.00 USD ●
Threaded Handwheel with internal hexagon socket long - Spare part for Fast Clamp Bolt 280512	95 mm		40 mm	0,30 kg	2-280512.1 28.00 USD ●
Washer Packet for Bolts - 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 16.00 USD ●
Adjusting Ring - for 280604, 280625, 280608		10 mm	28 mm	0,05 kg	2-280653 12.00 USD ●
Balls - for system 28 clamping bolts - pack of 10					2-289007.10 6.00 USD ●
O-Ring, inside diameter 22 mm - for system 28 clamping bolts, prisms and positioning bolts - pack of 10					2-289009.10 4.00 USD ●
O-Ring, inside diameter 24 mm - for all system 28 clamping bolts - pack of 10					2-289010.10 4.00 USD ○
O-Ring, inside diameter 31 mm - for system 28 universal bolts comfort - pack of 10					2-289016.10 4.00 USD ●
Spare Parts for Bolts, old Version with O-rings + Balls - 10x 289009, 10x 289007, 10x 289010					2-289102 8.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Magnetic Clamping Bolt

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.



280740



280740.1



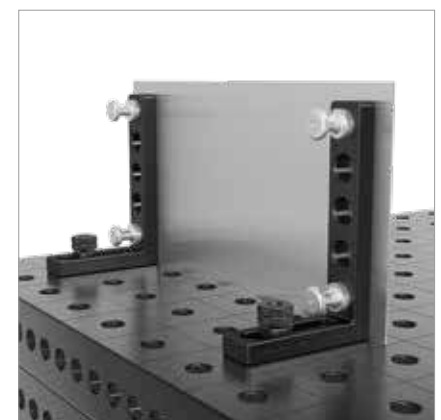
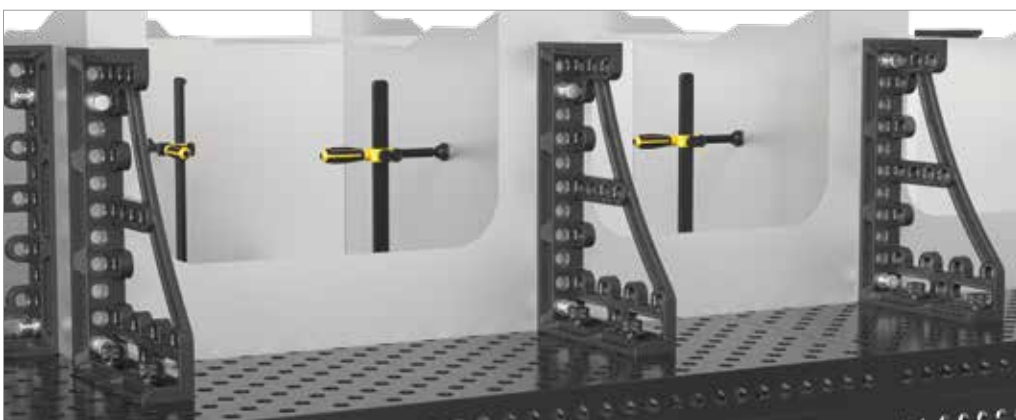
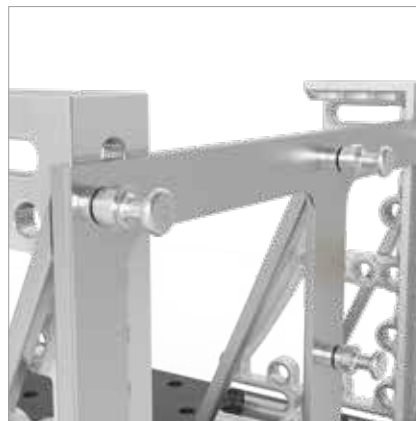
280740.2

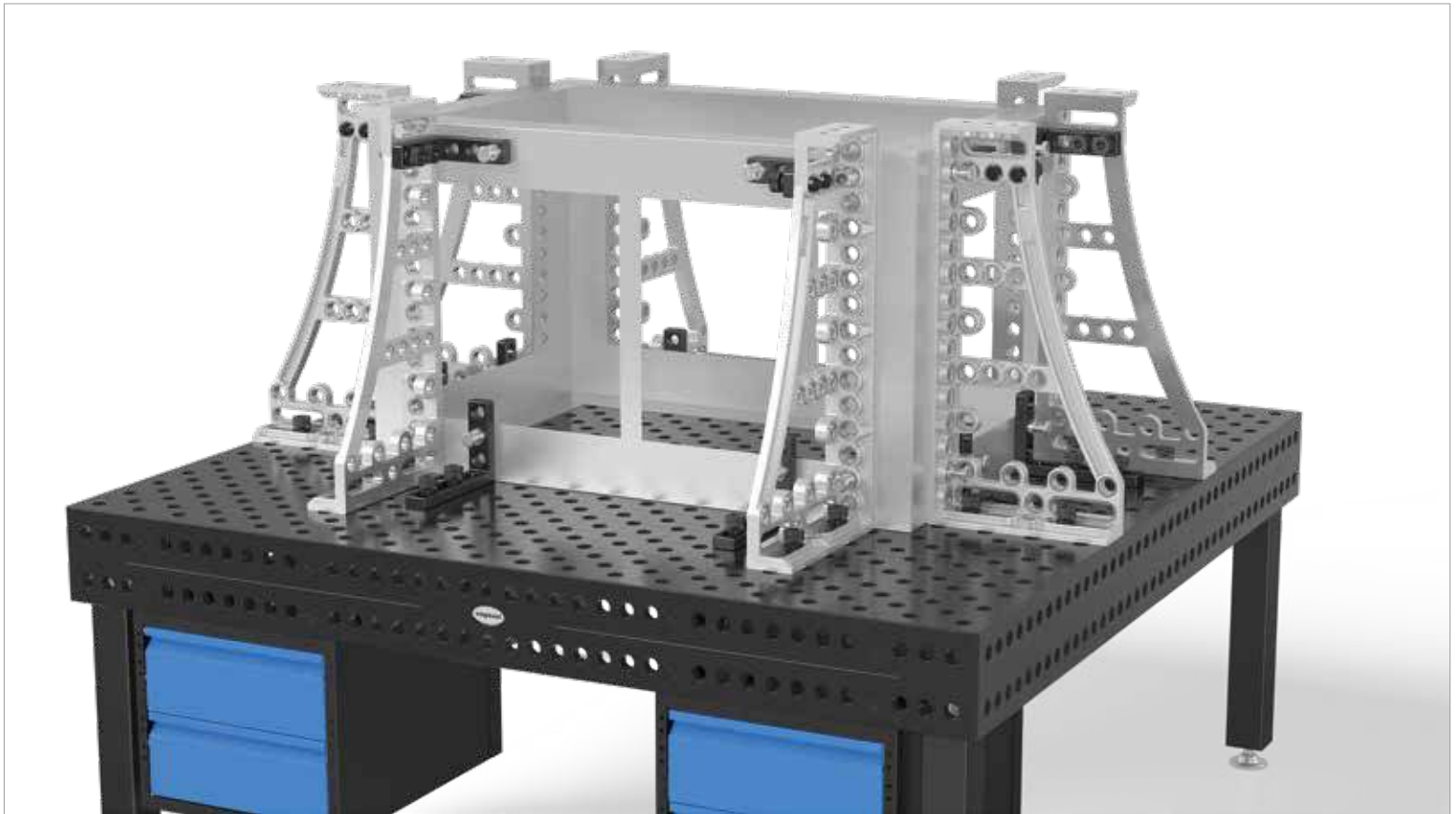


280741



280741.C





	Length: (a)	Ø: (o)	Weight:	Item No.
Magnetic Clamping Bolt 68 - Length of Shaft 25 mm - Aluminum	ALU 68 mm	28 mm	0,09 kg	2-280740 42.00 USD ●
Magnetic Clamping Bolt 93 - Length of Shaft 50 mm - Aluminum	ALU 93 mm	28 mm	0,13 kg	2-280740.1 50.00 USD ●
Magnetic Clamping Bolt 118 - Length of Shaft 75 mm - Aluminum	ALU 118 mm	28 mm	0,16 kg	2-280740.2 58.00 USD ●
Spacer Ring for Magnetic Bolt - burnished	25 mm	40 mm	0,12 kg	2-280741 12.00 USD ●
Spacer Ring for Magnetic Bolt - Chromed, Delivery time approx. 10 weeks	25 mm	40 mm	0,12 kg	2-280741.C 30.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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Professional Screw Clamp



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Professional Screw Clamp XL



Page 268
Professional Screw Clamp 45°/90°



Page 270
Professional Fast Tension Clamp



Page 272
Vertical Round Pipe + Cast Iron Cross



Page 274
Professional Screw Clamp with vertical action toggle



Page 274
Professional Screw Clamp 45°/90° with vertical action toggle



Page 275
Fast Tension Clamp, Standard



Page 276
Pipe Clamp Universal



Page 278
Basic Pipe Clamp 90°



Page 280
Basic Pipe Clamp 180°



Page 282
Adapter 45° for Screw Clamp 280610



Page 283
Thread Bushing



Page 284
Prism for Screw Clamps



Page 284
Prism for Screw Clamps



Page 284
Prism for Screw Clamps



Page 284
Pressure Ball Blank for Screw Clamps



Page 286
Duo Prism Ø 40



Page 286
Duo Prism Ø 40



Page 286
Duo Prism Ø 40



Page 287
Pressure Ball for Screw Clamps



Page 287
Pressure Ball for Screw Clamps



Page 287
Pressure Ball for Screw Clamps



Page 288
Angle Bushing 45° for clamping pipe



Page 288
Angle Bushing 90° for clamping pipe



Page 288
Angle Socket 45° for clamping pipe



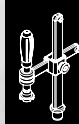
Page 288
Angle Socket 90° for clamping pipe



Page 289
Clamping Bridge 2P for Screw Clamps



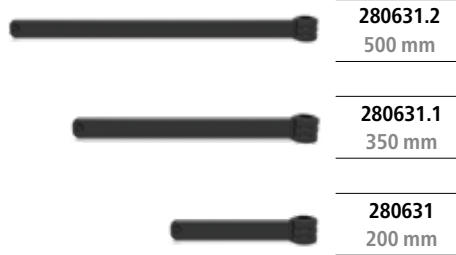
Page 289
Clamping Bridge 3P for Screw Clamps



Clamps & Accessories

You can also find the product video on:

www.siegmund.com/V280610



280631.2
500 mm

280631.1
350 mm

280631
200 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

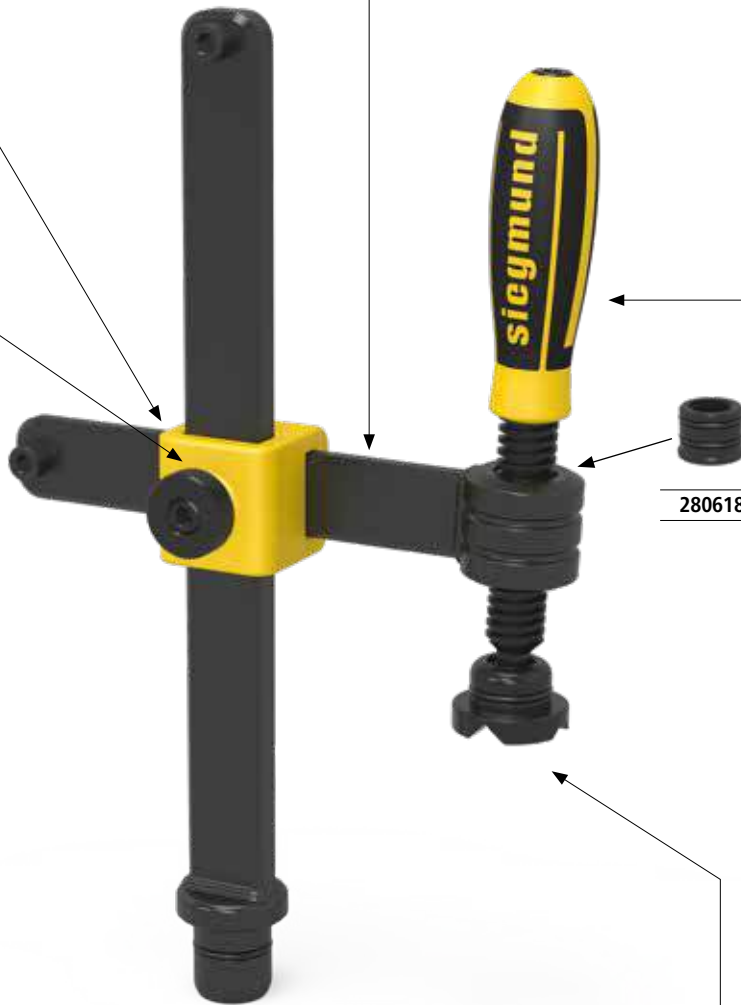
280635
83 mm



280617



280662



280618



280632.2 800 mm 280632.1 500 mm 280632 310 mm



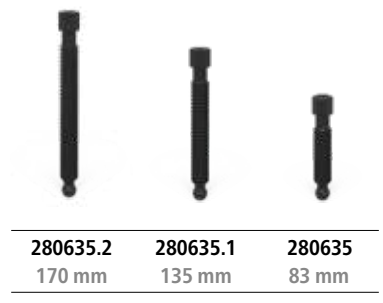
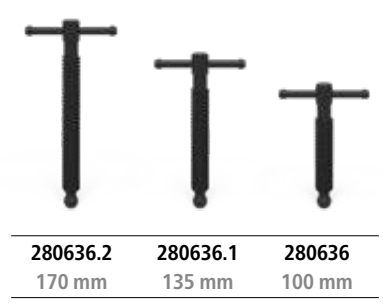
Ø 35 280660 Burnished / nitrided 280660.E Stainless Steel 280660.PA Polyamide



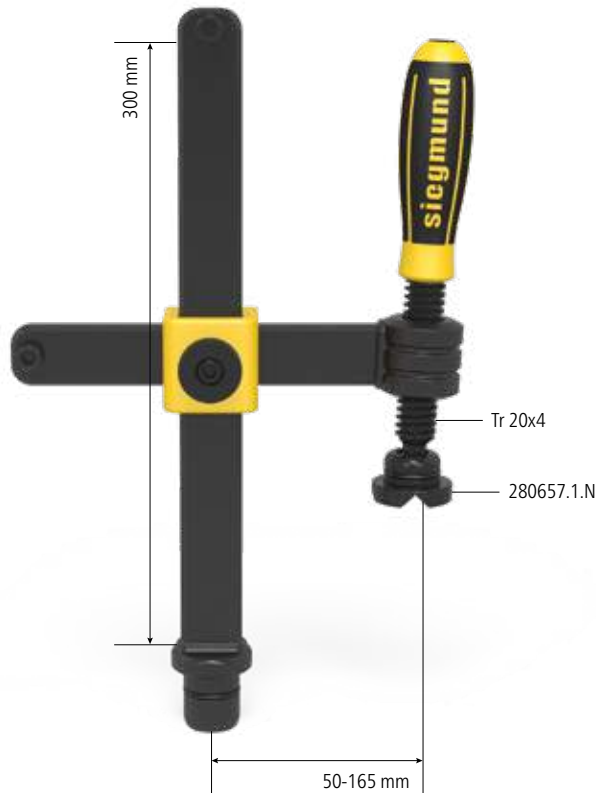
Ø 40 280650 Burnished / nitrided 280650.A Aluminum 280650.PA Polyamide



Ø 40 280657.1.N nitrided 280658.E Stainless Steel 280659.PA 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 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 284.

A long lifetime and efficiency is guaranteed by the nitrided 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 hexagon socket insert, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque-limiting wrench.



280610.N

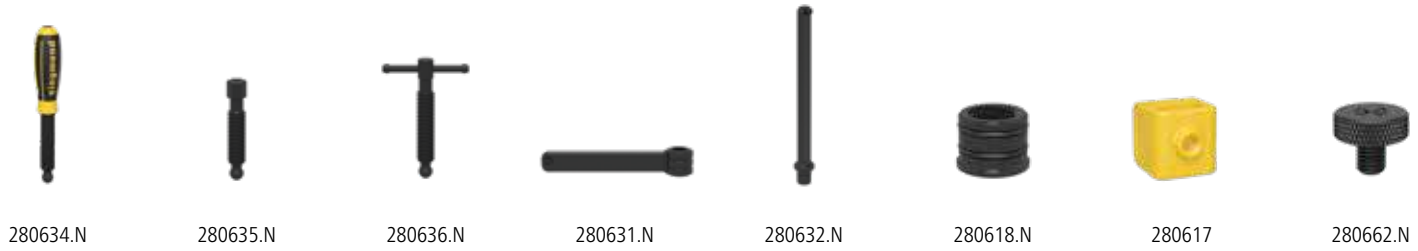


280610.S

Standard model		maximum load:	Weight:	Item No.
Professional Screw Clamp		5 kN	2,70 kg	2-280610.N ● 124.00 USD
Professional Screw Clamp special size				2-280610.S ○

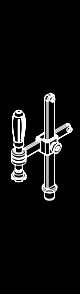
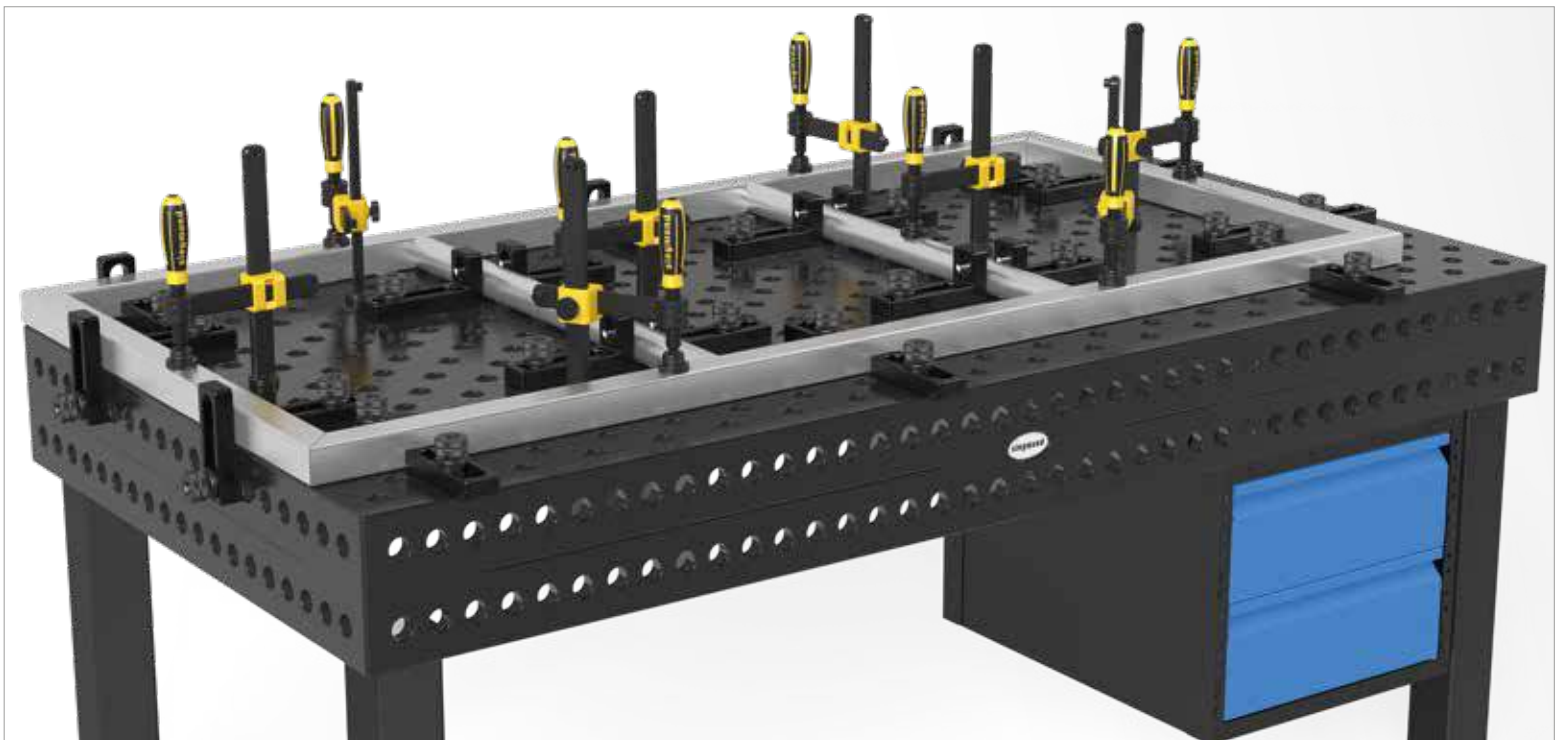
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280610:
consisting of 1x 280634.N, 1x 280631.N, 1x 280632.N, 1x 280618.N, 1x 280617, 1x 280662.N, 1x 280657.1.N

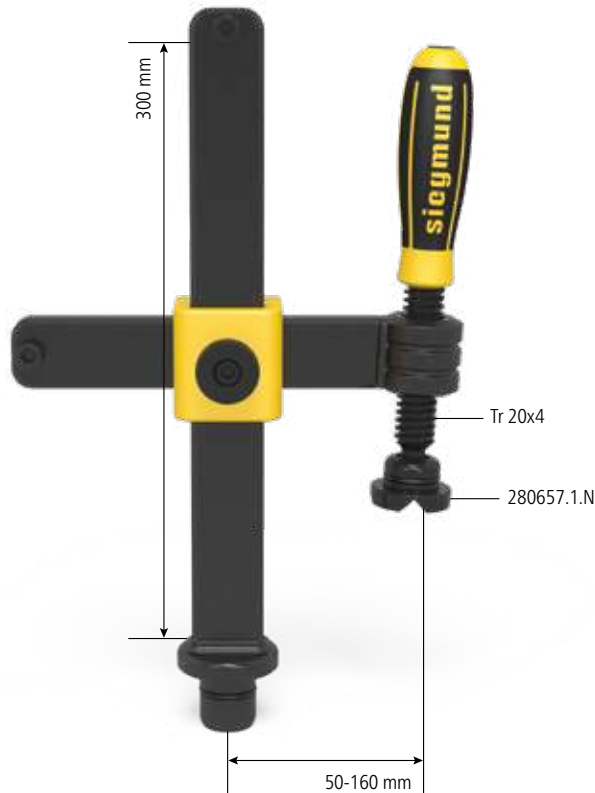


Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280634.N ●	2-280634.1.N ●	2-280634.2.N ●	2-280634.S ○
	20,00 USD	22,00 USD	24,00 USD	.
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size
	2-280635.N ●	2-280635.1.N ●	2-280635.2.N ●	2-280635.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280636.N ●	2-280636.1.N ●	2-280636.2.N ●	2-280636.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Horizontal Bar - for 280610, 280611 - without Bushing 280618, please order separately	200 mm	350 mm	500 mm	special size
	2-280631.N ●	2-280631.1.N ●	2-280631.2.N ●	2-280631.S ○
	18,00 USD	22,00 USD	28,00 USD	.
Vertical Bar - for 280610, 280612, 280611 - Vertical Bar reinforced	310 mm	500 mm	800 mm	special size
	2-280632.N ●	2-280632.1.N ●	2-280632.2.N ●	2-280632.S ○
	34,00 USD	42,00 USD	56,00 USD	.
Thread Bushing - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - for 280610, 280612, 280625 - nitrided				2-280618.N ●
				12,00 USD
Cast Iron Cross - for 280610, 280611, 280615, 220610.1, 220615.1 - without handwheel				45 mm 2-280617 ●
				32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ●
				14,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 284.

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 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 hexagon socket, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque wrench.



280612

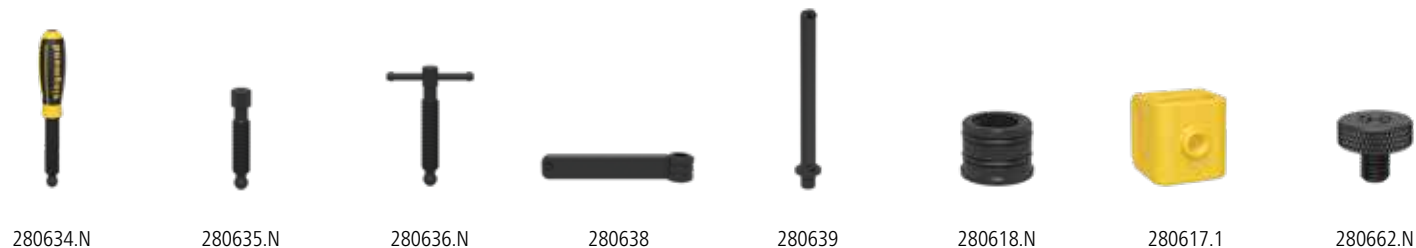


280612.S

Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp XL	7 kN	3,40 kg	2-280612 ● 146.00 USD
Professional Screw Clamp XL special size			2-280612.S ○

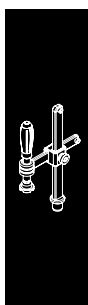
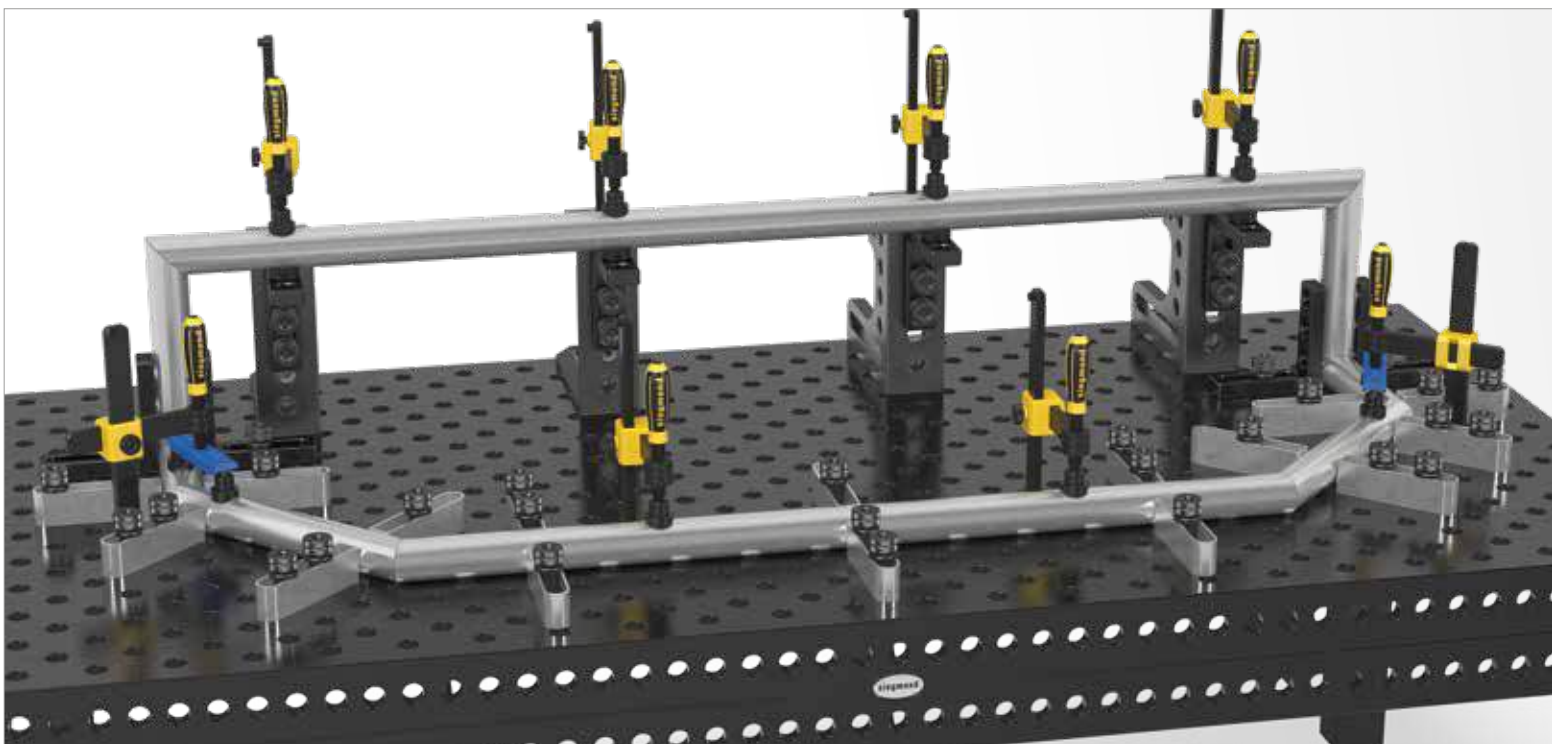
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280612:
consisting of 1x 280634.N, 1x 280638, 1x 280639, 1x 280618.N, 1x 280617.1, 1x 280662.N, 1x 280657.1.N

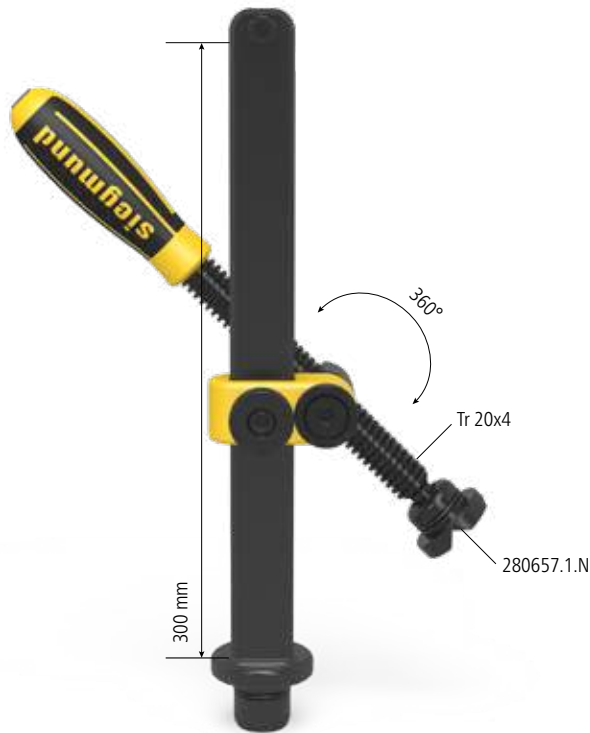


Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280634.N ●	2-280634.1.N ●	2-280634.2.N ●	2-280634.S ○
	20,00 USD	22,00 USD	24,00 USD	.
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size
	2-280635.N ●	2-280635.1.N ●	2-280635.2.N ●	2-280635.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280636.N ●	2-280636.1.N ●	2-280636.2.N ●	2-280636.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Horizontal Bar - for 280612 - without Bushing 280618, please order separately	200 mm	350 mm	500 mm	special size
	2-280638 ●	2-280638.1 ●	2-280638.2 ●	2-280638.S ○
	22,00 USD	32,00 USD	42,00 USD	.
Vertical Bar - for 280612 - Vertical Bar reinforced	310 mm	500 mm	800 mm	special size
	2-280639 ●	2-280639.1 ●	2-280639.2 ●	2-280639.S ○
	38,00 USD	54,00 USD	76,00 USD	.
Thread Bushing - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - for 280610, 280612, 280625 - nitrided				2-280618.N ●
				12,00 USD
Cast Iron Cross - for 280612 - without handwheel				52 mm 2-280617.1 ●
				40,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ●
				14,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 284. The dimensions of the flat bar in use are 30x14 mm.

A long lifetime and efficiency is guaranteed by the nitrided 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 hexagon socket, 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.N



280630.S

Standard model		maximum load:	Weight:	Item No.
Professional Screw Clamp 45°/90°		5 kN	2,30 kg	2-280630.N ● 116.00 USD
Professional Screw Clamp 45°/90° special size				2-280630.S ○

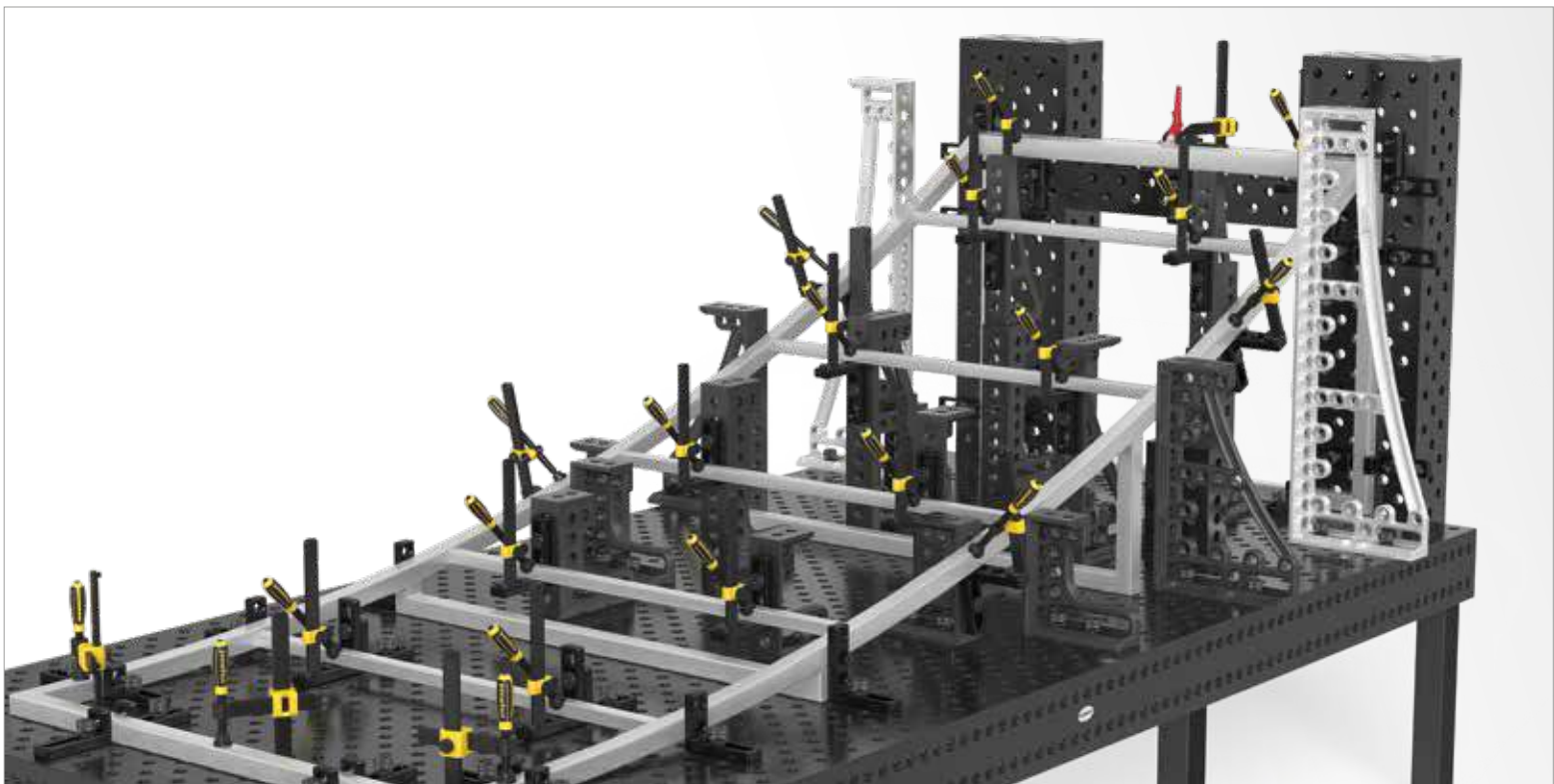
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280630:
consisting of 1x 280634.2.N, 1x 280633.N, 1x 289108, 1x 280617.2, 1x 280662.N, 1x 289109, 1x 280657.1.N



Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280634.N ●	2-280634.1.N ●	2-280634.2.N ●	2-280634.S ○
	20,00 USD	22,00 USD	24,00 USD	.
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size
	2-280635.N ●	2-280635.1.N ●	2-280635.2.N ●	2-280635.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size
	2-280636.N ●	2-280636.1.N ●	2-280636.2.N ●	2-280636.S ○
	22,00 USD	24,00 USD	26,00 USD	.
Vertical Bar - for 280630 - Vertical Bar reinforced	310 mm	500 mm	800 mm	special size
	2-280633.N ●	2-280633.1.N ●	2-280633.2.N ●	2-280633.S ○
	34,00 USD	42,00 USD	56,00 USD	.
Bushing for Threaded Arbor - for 280630				42 mm
				2-289108 ●
				8,00 USD
Cast Iron Cross - for 280630, 220630.1 - without handwheel				70 mm
				2-280617.2 ●
				32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm
				2-280662.N ●
				14,00 USD
Disc for Cast Iron Cross - for 280630, 220630.1 - with countersunk bolt M10x25				10 mm
				2-289109 ●
				6,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 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

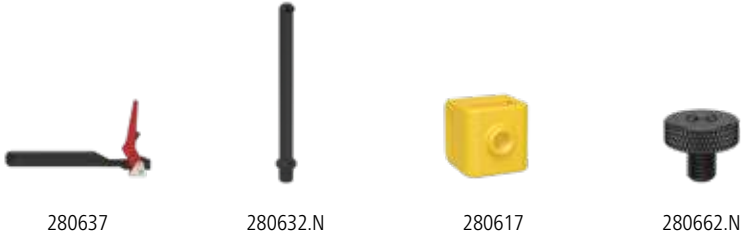


280615.S

Standard model	maximum load:	Weight:	Item No.
Professional Fast Tension Clamp	5 kN	2,00 kg	2-280615 ● 158.00 USD
Professional Fast Tension Clamp special size			2-280615.S ○

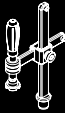
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280615:
consisting of 1x 280637, 1x 280632.N, 1x 280617, 1x 280662.N



Spare parts, special sizes and parts for a individual configuration				
Horizontal Bar with Fast Clamping Function - for 280615, 220615.1	200 mm	350 mm	500 mm	special size
	2-280637 ● 84,00 USD	2-280637.1 ● 90,00 USD	2-280637.2 ● 96,00 USD	2-280637.S ○ .
Vertical Bar - for 280610, 280612, 280611 - Vertical Bar reinforced	310 mm	500 mm	800 mm	special size
	2-280632.N ● 34,00 USD	2-280632.1.N ● 42,00 USD	2-280632.2.N ● 56,00 USD	2-280632.S ○ .
Cast Iron Cross - for 280610, 280611, 280615, 220610.1, 220615.1 - without handwheel				45 mm 2-280617 ● 32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ● 14,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Vertical Round Pipe + Cast Iron Cross



280617.4



280617.6



280642



280653

Vertical Pipe - standard = 300	300 mm 2-280642 ● 30,00 USD	500 mm 2-280642.1 ● 38,00 USD	800 mm 2-280642.2 ● 52,00 USD	special size 2-280642.S ○ .
Adjusting Ring - for 280604, 280625, 280608				2-280653 ● 12,00 USD
Cast Iron Cross - for 280638, 280642 - without handwheel				67 mm 2-280617.4 ● 38,00 USD
Cast Iron Cross - for 280631, 280642 - without handwheel				69 mm 2-280617.6 ● 38,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Exemplary variants



280642 + 280653 + 280617.4 + 280637



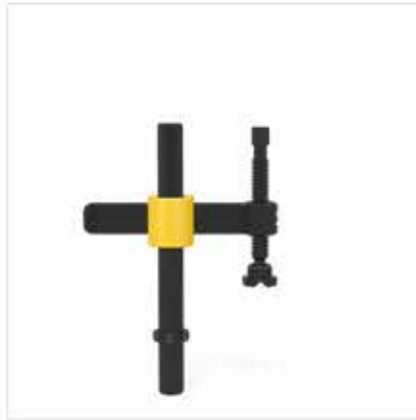
280632 + 280617.4 + 280678 + 280634.1 + 280657.1.N



280642 + 280653 + 280617.4 + 280631 + 280634 + 280657.1.N



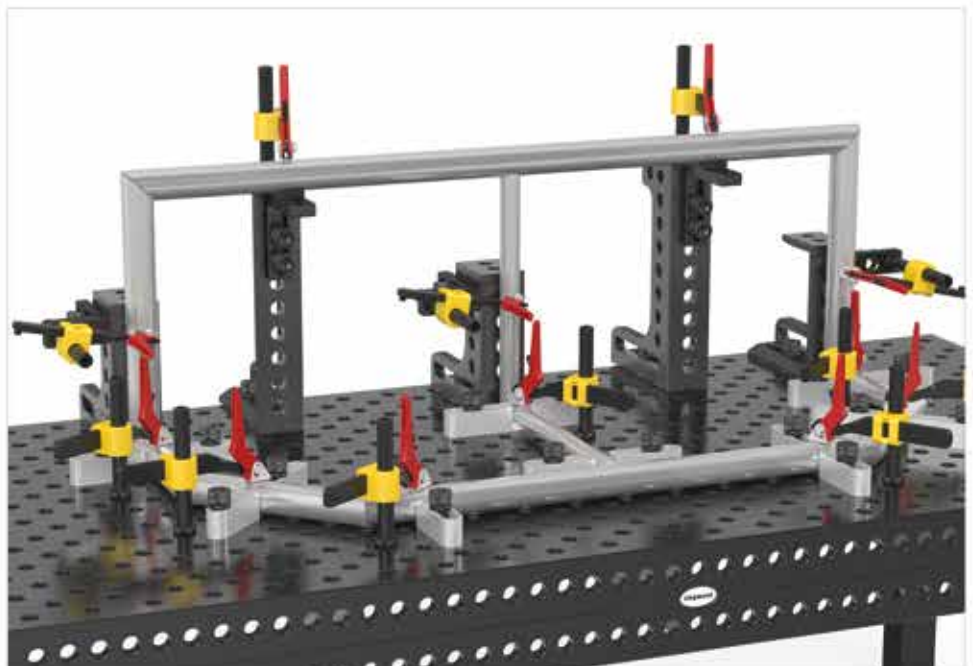
280639 + 280644 + 280617.6 + 280634 + 280657.1.N



280642 + 280653 + 280617.4 + 280631 + 280635.1 + 280657.1.N



280642 + 280653 + 280617.4 + 280631 + 280636 + 280660



Professional Screw Clamp with vertical action toggle

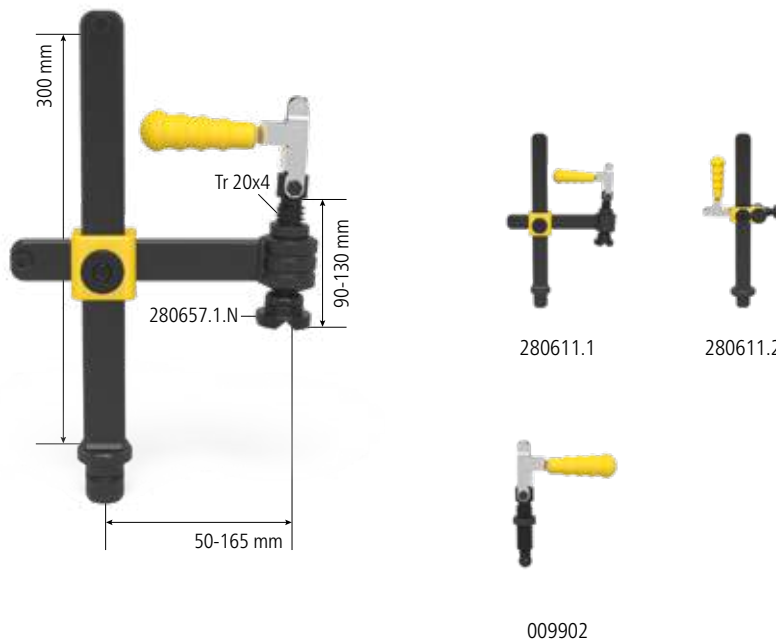
Description:

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 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 284.



	Width: (b)	Height: (c)	maximum load	Weight:	Item No.
Professional Screw Clamp with vertical action toggle	222 mm	310 mm	2,5 kN	3,30 kg	2-280611.1 178.00 USD ●
Professional Screw Clamp 45°/90° with vertical action toggle		310 mm	2,5 kN	2,20 kg	2-280611.2 174.00 USD ●
Vertical Toggle Clamp		85 mm		0,40 kg	2-009902 120.00 USD ●

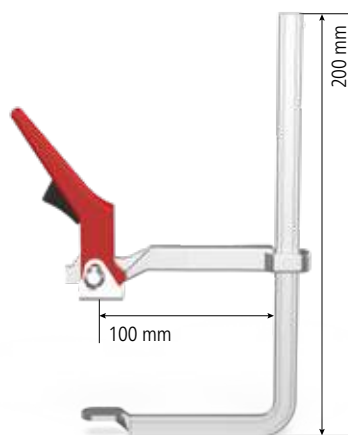
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Fast Tension Clamp, Standard

Description:

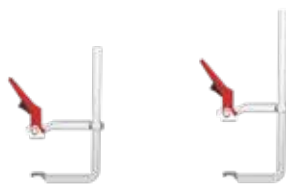
Conventional Fast Tension Clamp, enables fast clamping due to its simple and precise mechanism.

The Clamp is available in various sizes.



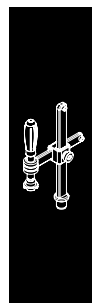
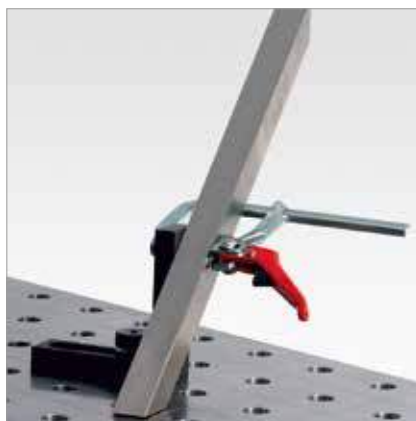
280616

280616.1



280616.2

280616.3



	Length: (a)	Width: (b)	Weight:	Item No.
Fast Tension Clamp, Standard S20	200 mm	100 mm	1,10 kg	2-280616 ● 100.00 USD
Fast Tension Clamp, Standard S25	250 mm	120 mm	1,50 kg	2-280616.1 ● 114.00 USD
Fast Tension Clamp, Standard S30	300 mm	140 mm	2,30 kg	2-280616.2 ● 134.00 USD
Fast Tension Clamp, Standard S40	400 mm	120 mm	2,50 kg	2-280616.3 ● 140.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Basic Pipe Clamp Universal



Description:

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 284. 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	maximum load:	Weight:	Item No.
Pipe Clamp Universal	3 kN	2,30 kg	2-280604 ● 124.00 USD
Pipe Clamp Universal special size			2-280604.S ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

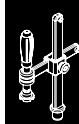
Standard model 280604:
consisting of 1x 280634.1.N, 1x 280678, 1x 280677, 1x 280679, 1x 280653, 1x 280657.1.N



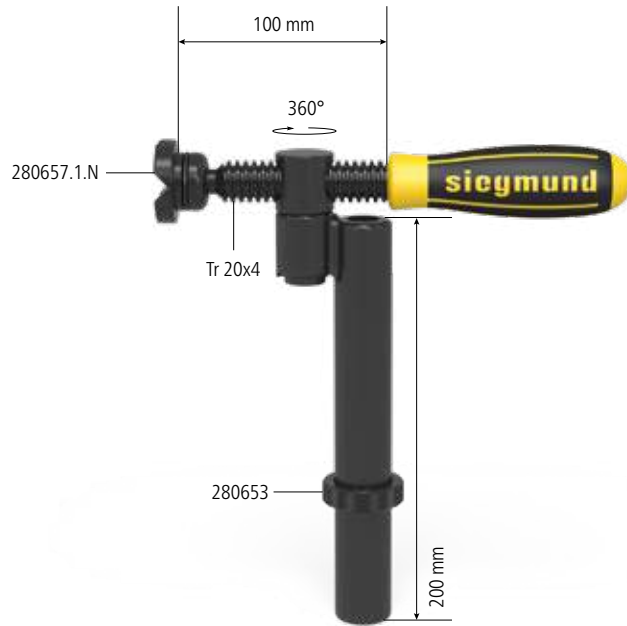
Spare parts, special sizes and parts for a individual configuration

Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280634.N ●	2-280634.1.N ●	2-280634.2.N ●	2-280634.S ○	
	20,00 USD	22,00 USD	24,00 USD	.	
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size	
	2-280635.N ●	2-280635.1.N ●	2-280635.2.N ●	2-280635.S ○	
	22,00 USD	24,00 USD	26,00 USD	.	
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280636.N ●	2-280636.1.N ●	2-280636.2.N ●	2-280636.S ○	
	22,00 USD	24,00 USD	26,00 USD	.	
Horizontal Round Pipe - for 280604			200 mm	special size	
			2-280678 ●	2-280678.S ○	
			42,00 USD	.	
Vertical Round Pipe - for 280604, 280625 - can also be used as a horizontal brace.	250 mm	300 mm	500 mm	800 mm	special size
	2-280677 ●	2-280677.1 ●	2-280677.2 ●	2-280677.3 ●	2-280677.S ○
	30,00 USD	34,00 USD	42,00 USD	56,00 USD	.
Arbor Thread - for 280604				42 mm	
				2-280679 ●	
				12,00 USD	
Adjusting Ring - for 280604, 280625, 280608				2-280653 ●	
				12,00 USD	

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Basic Pipe Clamp 90°



Description:

Round Pipe Clamp 90°, enables precise and powerful clamping of components at a 90° 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 page 284.

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	maximum load:	Weight:	Item No.
Basic Pipe Clamp 90°	3 kN	1,40 kg	2-280608 ● 82.00 USD
Basic Pipe Clamp 90° special size			2-280608.S ○

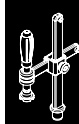
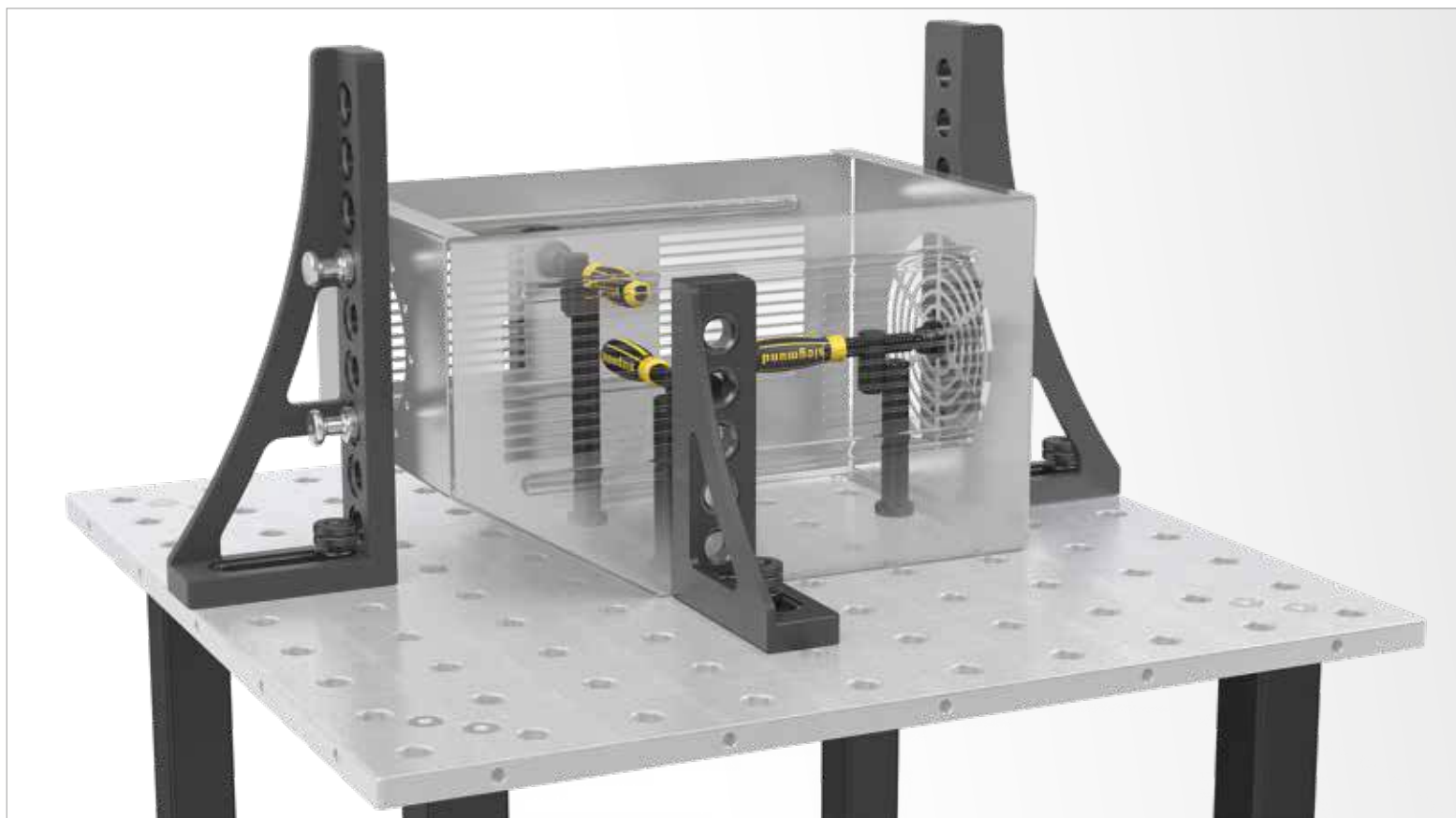
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280608:
consisting of 1x 280634.1.N, 1x 280676, 1x 280653, 1x 280657.1.N

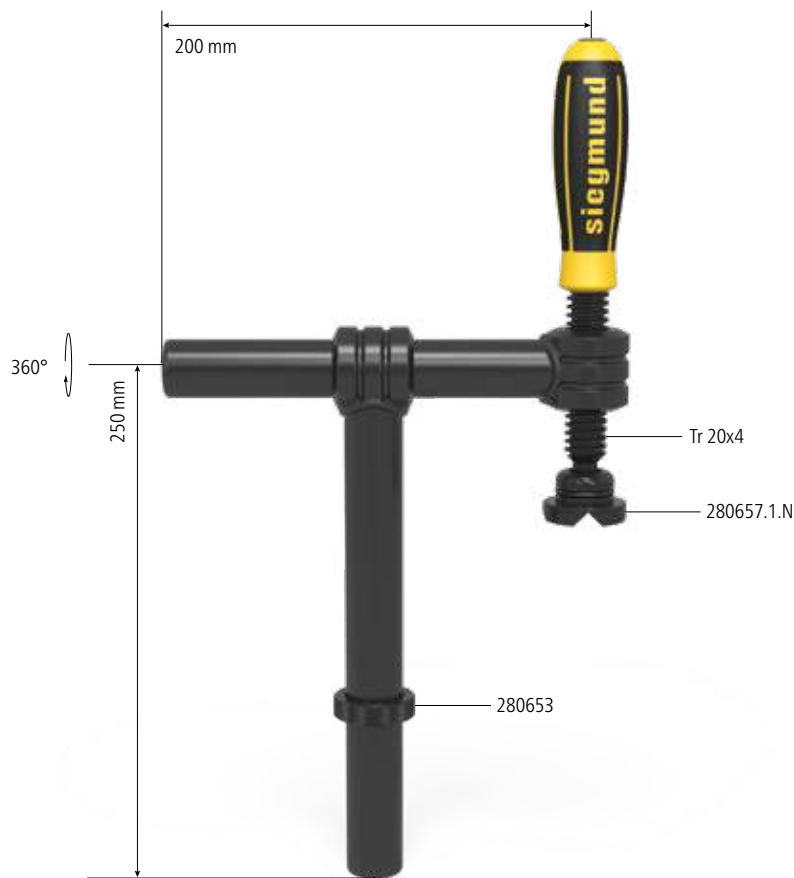


Spare parts, special sizes and parts for a individual configuration					
Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280634.N • 20,00 USD	2-280634.1.N • 22,00 USD	2-280634.2.N • 24,00 USD	2-280634.S ○	.
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size	
	2-280635.N • 22,00 USD	2-280635.1.N • 24,00 USD	2-280635.2.N • 26,00 USD	2-280635.S ○	.
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280636.N • 22,00 USD	2-280636.1.N • 24,00 USD	2-280636.2.N • 26,00 USD	2-280636.S ○	.
Vertical Round Pipe - for 280608	200 mm	300 mm	500 mm	800 mm	special size
	2-280676 • 40,00 USD	2-280676.1 • 44,00 USD	2-280676.2 • 52,00 USD	2-280676.3 • 66,00 USD	2-280676.S ○
Adjusting Ring - for 280604, 280625, 280608					2-280653 • 12,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 284.

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	maximum load:	Weight:	Item No.
Basic Pipe Clamp 180°	3 kN	2,30 kg	2-280625 ● 104.00 USD
Basic Pipe Clamp 180° special size			2-280625.S ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 280625:
consisting of 1x 280634.N, 1x 280644, 1x 280677, 1x 280618.N, 1x 280653, 1x 280657.1.N



Spare parts, special sizes and parts for a individual configuration					
Threaded Arbor with handle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280634.N ●	2-280634.1.N ●	2-280634.2.N ●	2-280634.S ○	
	20,00 USD	22,00 USD	24,00 USD	.	
Threaded Arbor with hexagon - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	83 mm	135 mm	170 mm	special size	
	2-280635.N ●	2-280635.1.N ●	2-280635.2.N ●	2-280635.S ○	
	22,00 USD	24,00 USD	26,00 USD	.	
Threaded Arbor with toggle - for 280610, 280612, 280630, 280604, 280625, 280608 - Trapezoid thread 20 x 4 mm	100 mm	135 mm	170 mm	special size	
	2-280636.N ●	2-280636.1.N ●	2-280636.2.N ●	2-280636.S ○	
	22,00 USD	24,00 USD	26,00 USD	.	
Horizontal Round Pipe - for 280625			200 mm	special size	
			2-280644 ●	2-280644.S ○	
			22,00 USD	.	
Vertical Round Pipe - for 280604, 280625 - can also be used as a horizontal brace.	250 mm	300 mm	500 mm	800 mm	special size
	2-280677 ●	2-280677.1 ●	2-280677.2 ●	2-280677.3 ●	2-280677.S ○
	30,00 USD	34,00 USD	42,00 USD	56,00 USD	.
Thread Bushing - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - for 280610, 280612, 280625 - nitrided					2-280618.N ●
					12,00 USD
Adjusting Ring - for 280604, 280625, 280608					2-280653 ●
					12,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Adapter 45°

Description:

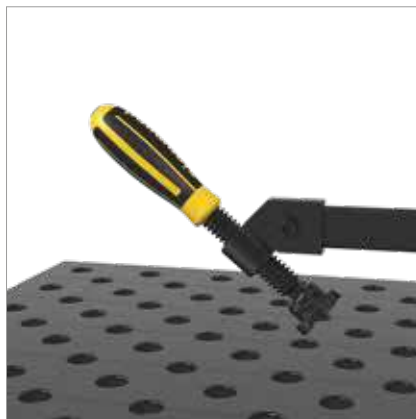
By simply screwing the Adapter 45° to the horizontal bar of a Screw Clamp Standard, it can be converted into a Screw Clamp 45°.



280663



280663.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter 45° - for Screw Clamp 280610 - burnished / nitrided	75 mm	30 mm	55 mm	0,18 kg	2-280663 32.00 USD ●
Adapter 45° - for Screw Clamp XL 280612 - burnished / nitrided	75 mm	30 mm	60 mm	0,18 kg	2-280663.1 36.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Thread Bushing

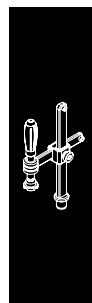
Description:

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.N

280619



	Height: (c)	Ø: (o)	Weight:	Item No.
Thread Bushing - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - for 280610, 280612, 280625 - nitrided	22 mm	28 mm	0,05 kg	2-280618.N ● 12.00 USD
Thread Bushing Tr 12x3 - Acme trapezoidal thread 12 x 3 mm for system 16 screw clamp arbor - burnished / nitrided	23 mm	28 mm	0,07 kg	2-280619 ● 14.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism for Screw Clamps

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).



280657.1.N



280658.E



280659.PA



280661





		Height: (c)	Ø: (o)	Weight:	Item No.
Prism for Screw Clamps - nitrided - for Arbor with Trapezoid thread 20 x 4 mm		24 mm	40 mm	0,09 kg	2-280657.1.N 16.00 USD ●
Prism for Screw Clamps - Stainless Steel - for Arbor with Trapezoid thread 20 x 4 mm		21 mm	40 mm	0,10 kg	2-280658.E 22.00 USD ●
Prism for Screw Clamps - Polyamide - for Arbor with Trapezoid thread 20 x 4 mm		24 mm	40 mm	0,01 kg	2-280659.PA 18.00 USD ●
Pressure Ball Blank for Screw Clamps - Polished - for Arbor with Trapezoid thread 20 x 4 mm - according to customer specifications		30 mm	40 mm	0,19 kg	2-280661 22.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Duo Prism Ø 40 for Screw Clamps

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.

The prism polyamide is only suitable for use as a prism for screw clamps.



280650



280650.A



280650.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Duo Prism Ø 40 - burnished / nitrided - for Arbor with Trapezoid thread 20 x 4 mm	35 mm	40 mm	0,15 kg	2-280650 32.00 USD ●
Duo Prism Ø 40 - Aluminum - for Arbor with Trapezoid thread 20 x 4 mm	ALU 35 mm	40 mm	0,05 kg	2-280650.A 36.00 USD ●
Duo Prism Ø 40 - Polyamide - for Arbor with Trapezoid thread 20 x 4 mm - without O-Ring	PA 35 mm	40 mm	0,02 kg	2-280650.PA 36.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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).



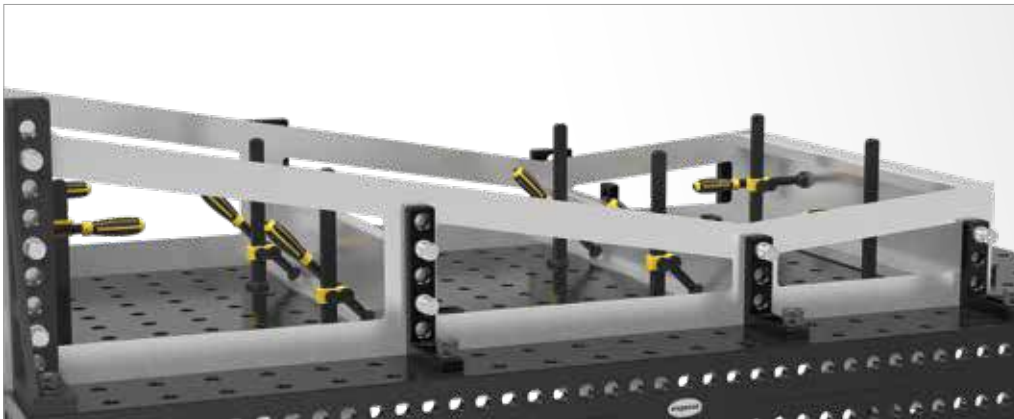
280660



280660.E



280660.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Pressure Ball for Screw Clamps - burnished / nitrided - for Arbor with Trapezoid thread 20 x 4 mm	20 mm	35 mm	0,07 kg	2-280660 16.00 USD ●
Pressure Ball for Screw Clamps - Stainless Steel - for Arbor with Trapezoid thread 20 x 4 mm	20 mm	35 mm	0,07 kg	2-280660.E 22.00 USD ●
Pressure Ball for Screw Clamps - Polyamide - for Arbor with Trapezoid thread 20 x 4 mm	● PA 20 mm	35 mm	0,01 kg	2-280660.PA 18.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Angle Bushing / 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 arbor 40 mm.



280770



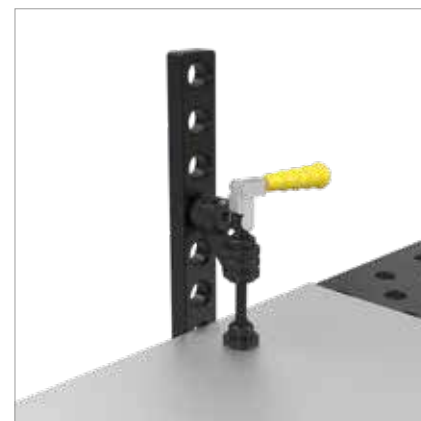
280771



280772



280773



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Angle Bushing 45° - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280770 48.00 USD ●
Angle Bushing 90° - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280771 46.00 USD ●
Angle Socket 45° - for clamping pipe 280750, 280642	100 mm	67 mm	40 mm	0,32 kg	2-280772 28.00 USD ●
Angle Socket 90° - for clamping pipe 280750, 280642	85 mm	85 mm	40 mm	0,39 kg	2-280773 28.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Clamping Bridge 2P / Clamping Bridge 3P

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.

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 Clamps Bridge, the prism is interchangeable. Compatible prisms see page 284.



280210



280211

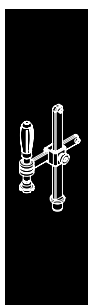


280212



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Clamping Bridge 2P for Screw Clamps - 2 clamping spots simultaneously	170 mm	35 mm	20 mm		0,80 kg	2-280210 ● 78.00 USD
Clamping Bridge 3P for Screw Clamps - 3 clamping points simultaneously	170 mm	35 mm	20 mm		1,00 kg	2-280211 ● 96.00 USD
Spherical Pin for Clamping Bridge				16 mm	0,04 kg	2-280212 ● 8.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 294
Prism Ø 50 135°
 with screwed-in collar



Page 294
Prism Ø 50 135°
 with screwed-in collar



Page 294
Prism Ø 50 135°
 with screwed-in collar



Page 295
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 295
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 295
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 296
Prism Ø 60 135°
 with screwed-in collar



Page 296
Prism Ø 60 135°
 with screwed-in collar



Page 296
Prism Ø 60 135°
 with screwed-in collar



Page 297
Prism Ø 80 90°
 with screwed-in collar



Page 297
Prism Ø 80 90°
 with screwed-in collar



Page 297
Prism Ø 80 90°
 with screwed-in collar



Page 298
Prism Ø 120 157°
 with screwed-in collar



Page 298
Prism Ø 120 157°
 with screwed-in collar



Page 298
Prism Ø 120 157°
 with screwed-in collar



Page 299
Clamping Cone



Page 300
Prism Extension 25



Page 300
Prism Extension 50



Page 300
Prism Extension 100



Page 300
Prism Extension 150



Page 300
**Prism Collar Screw
with countersunk bolt**



Page 302
Set, Multi- Clamp Tower modular



Page 304
Set of Supports 11-piece set



Page 305
Screw Support Ø 80



Page 306
Support height adjustable with scale



Page 308
Spacer 100 Ø 50



Page 308
Spacer 150 Ø 50



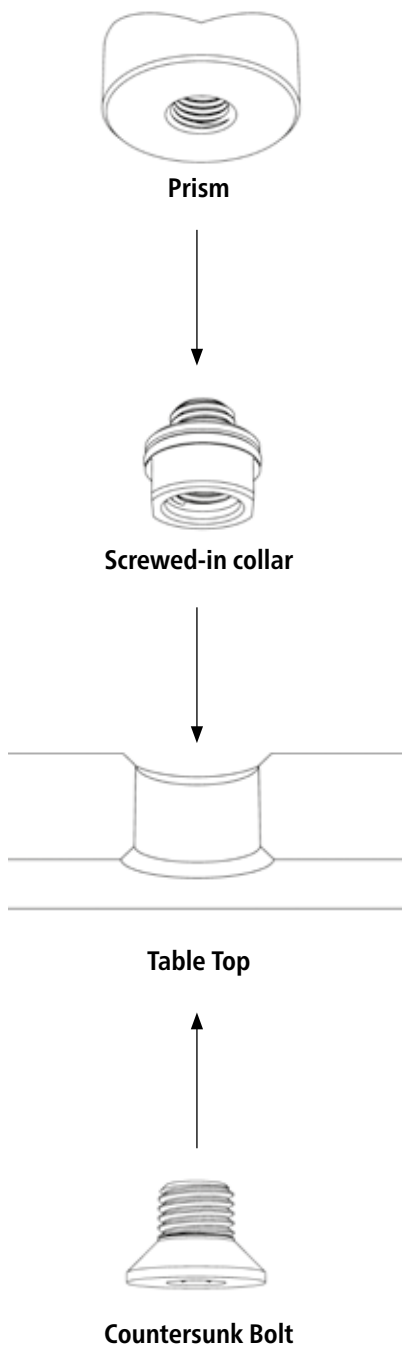
Page 310
Clamping Pipe with quick fastener



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 294

STYLES

Burnished
Aluminum
Polyamide



VARIO PRISM Ø 50 90° / 120°

Page 295

STYLES

Burnished / nitrided
Aluminum
Polyamide



PRISM Ø 60 135°

Page 296

STYLES

Burnished
Aluminum
Polyamide



PRISM Ø 80 90°

Page 297

STYLES

Burnished / nitrided
Aluminum
Polyamide



PRISM Ø 120 157°

Page 298

STYLES

Burnished / nitrided
Aluminum
Polyamide



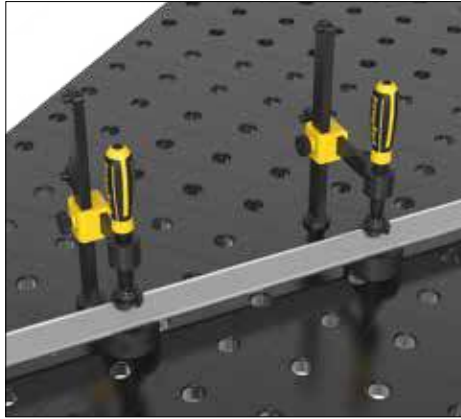
You can also find the product video on:

www.siegmund.com/V280645



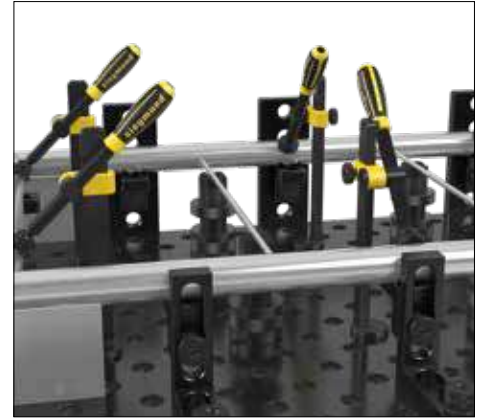
WITH COLLAR IN BORE HOLE

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.PA

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.
Prism Ø 50 135° with screwed-in collar - burnished - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,20 kg	2-280648.1 44.00 USD ●
Prism Ø 50 135° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	ALU 20 mm	50 mm	0,07 kg	2-280648.1.A 54.00 USD ●
Prism Ø 50 135° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	PA 20 mm	50 mm	0,03 kg	2-280648.1.PA 58.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Vario Prism Ø 50 90°/120° with screwed-in collar

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.



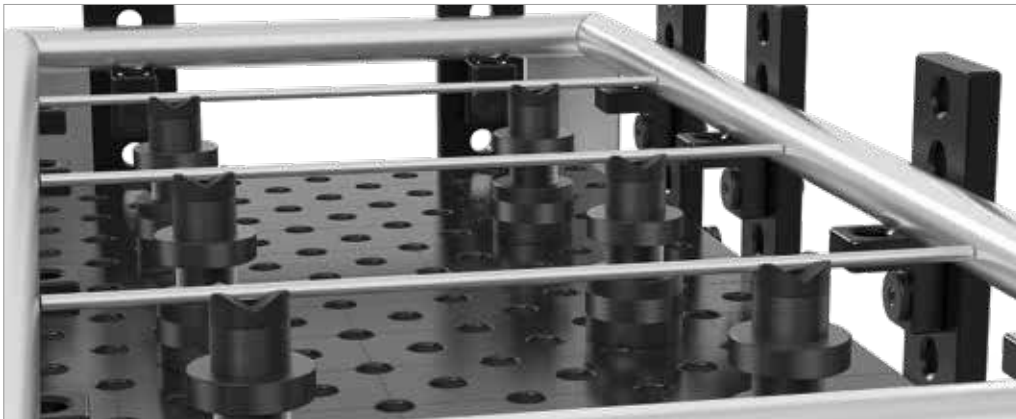
280645.1



280645.1.A



280645.1.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Vario Prism Ø 50 90° / 120° with screwed-in collar - burnished / nitrided - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,20 kg	2-280645.1 50.00 USD ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	ALU 20 mm	50 mm	0,07 kg	2-280645.1.A 58.00 USD ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	PA 20 mm	50 mm	0,03 kg	2-280645.1.PA 62.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism Ø 60 135° with screwed-in collar



280651.1



280651.1.A



280651.1.PA

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.
Prism Ø 60 135° with screwed-in collar - burnished - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,52 kg	2-280651.1 50.00 USD ●
Prism Ø 60 135° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	ALU 30 mm	60 mm	0,18 kg	2-280651.1.A 58.00 USD ●
Prism Ø 60 135° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	PA 30 mm	60 mm	0,08 kg	2-280651.1.PA 62.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

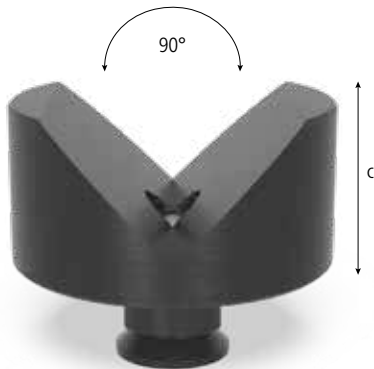
Prism Ø 80 90° with screwed-in collar

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.



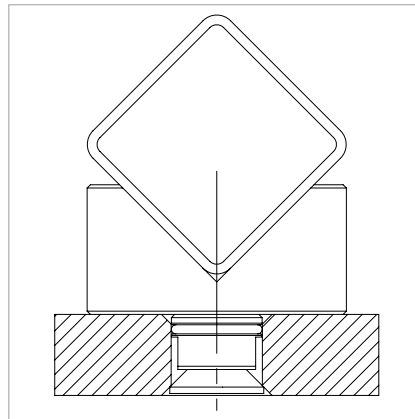
280647.1



280647.1.A



280647.1.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 80 90° with screwed-in collar - burnished / nitrided - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	1,01 kg	2-280647.1 60.00 USD ●
Prism Ø 80 90° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	ALU 40 mm	80 mm	0,55 kg	2-280647.1.A 70.00 USD ●
Prism Ø 80 90° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	PA 40 mm	80 mm	0,19 kg	2-280647.1.PA 74.00 USD ●

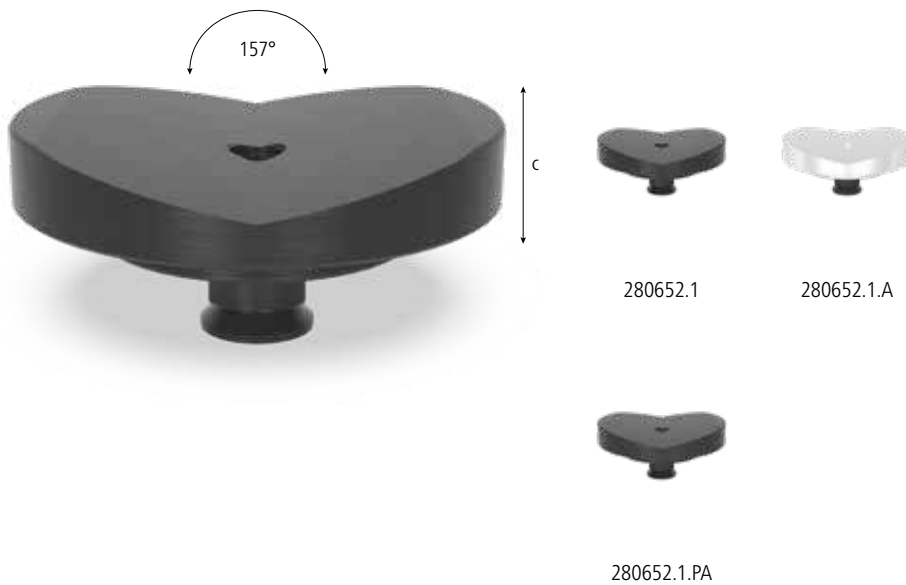
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.



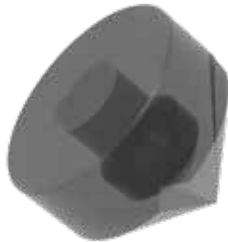
	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 120 157° with screwed-in collar - burnished / nitrided - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	1,70 kg	2-280652.1 84.00 USD ●
Prism Ø 120 157° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	ALU 30 mm	120 mm	0,70 kg	2-280652.1.A 104.00 USD ●
Prism Ø 120 157° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	PA 30 mm	120 mm	0,30 kg	2-280652.1.PA 118.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Clamping Cone

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.



280670



Clamping Cone
- burnished / nitrided

Height: (c)	Ø: (o)	Weight:	Item No.
70 mm	80 mm	1,40 kg	2-280670 54.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism Extension

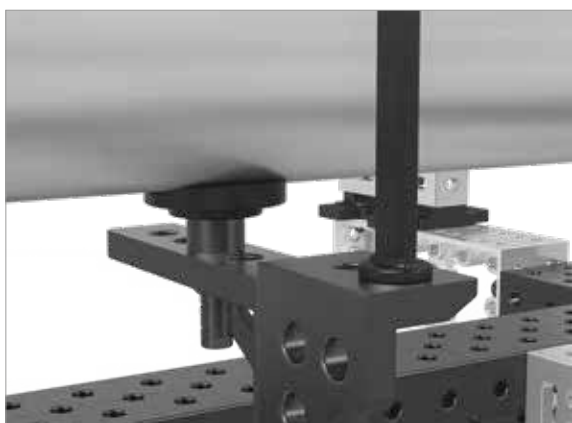


Description:

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.

Due to the width flat, the Prism Extension can be fastened to the prism or attached to a custom construction.





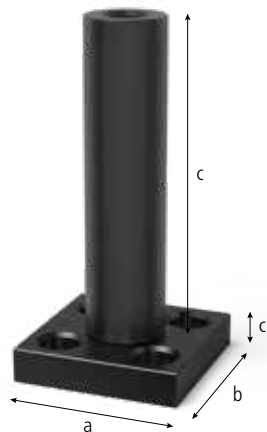
	Length: (a)	Ø: (o)	Weight:	Item No.
Prism Extension 25 - burnished	25 mm	28 mm	0,11 kg	2-280649 20.00 USD ●
Prism Extension 50 - burnished	50 mm	28 mm	0,22 kg	2-280649.1 24.00 USD ●
Prism Extension 100 - burnished	100 mm	28 mm	0,45 kg	2-280649.2 30.00 USD ●
Prism Extension 150 - burnished	150 mm	28 mm	0,69 kg	2-280649.3 38.00 USD ●
Prism Collar Screw with countersunk bolt - burnished	17 mm	28 mm	0,14 kg	2-280669 16.00 USD ●
Countersunk Bolt M16 - spare part - for prisms system 28	20 mm	29 mm	0,07 kg	2-009410 4.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Upon request, all parts are available in aluminum or polyamide version.



Multi Clamp Tower Modular



280646.5



280646



280646.1



280646.2



280646.3



280646.4

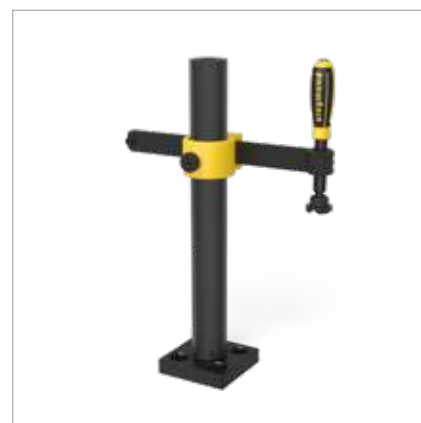
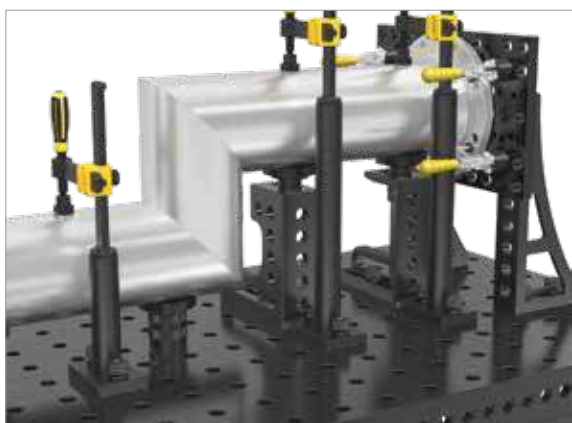


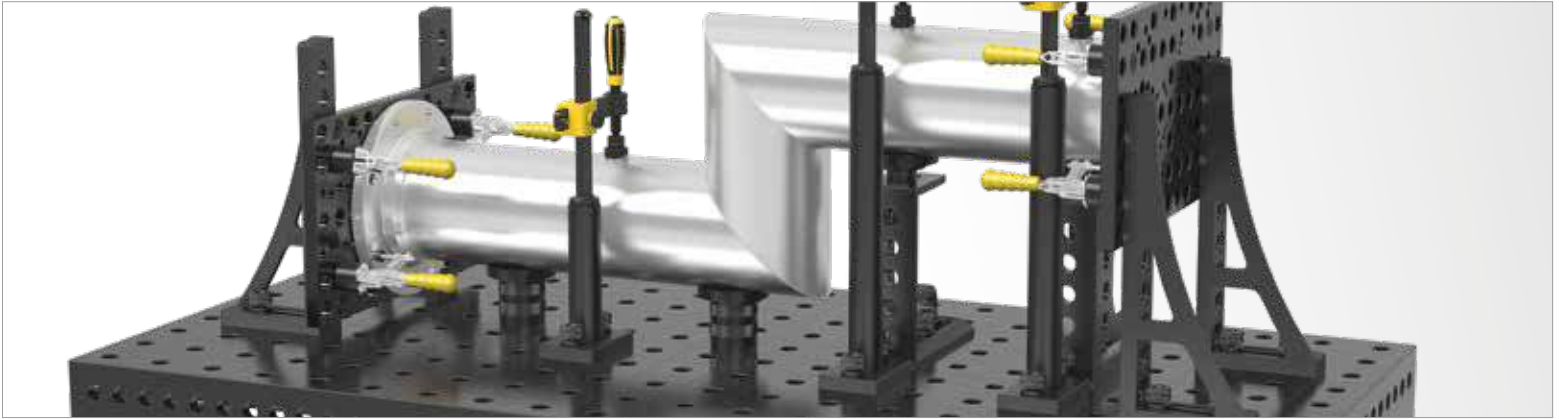
280617.5H

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.
Plate, Large - for Multi Clamp Tower modular	150 mm	100 mm	25 mm		2,60 kg	2-280646.5 62.00 USD ●
Plate, Small - for Multi Clamp Tower modular	120 mm	120 mm	25 mm		2,23 kg	2-280646 40.00 USD ●
Vertical Pipe 225 - for Multi Clamp Tower modular			225 mm	57 mm	1,70 kg	2-280646.1 84.00 USD ●
Vertical Pipe 475 - for Multi Clamp Tower modular			475 mm	57 mm	2,94 kg	2-280646.2 94.00 USD ●
Vertical Pipe 725 - for Multi Clamp Tower modular			725 mm	57 mm	4,24 kg	2-280646.3 104.00 USD ●
Vertical Pipe 975 - for Multi Clamp Tower modular			975 mm	57 mm	5,54 kg	2-280646.4 118.00 USD ●
Cast Iron Cross incl. Handwheel - for Multi Clamp Tower modular - for 280638 (see page 267)	104 mm	80 mm	56 mm		1,27 kg	2-280617.5H 50.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Set of Supports 11-piece set

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.



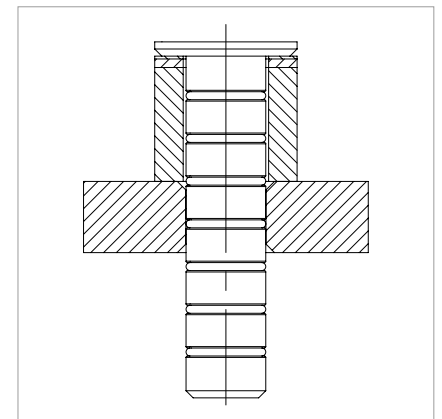
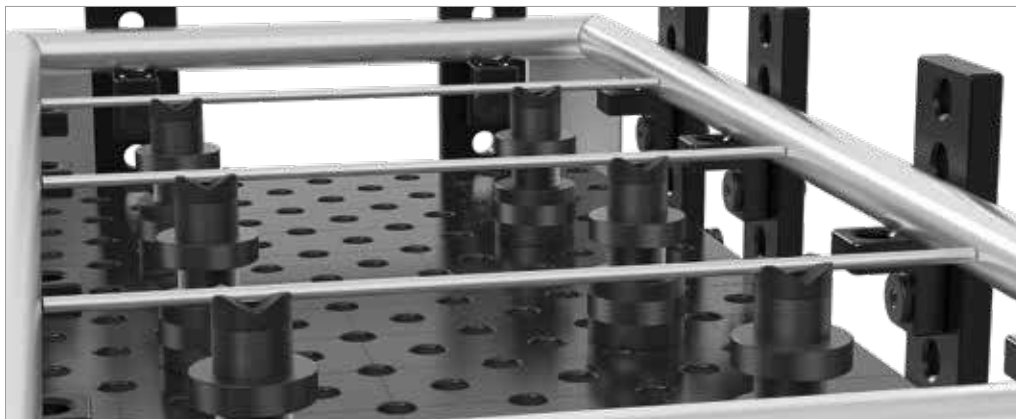
280821



280821.1



280821.2



	Height: (c)	Ø: (o)	Weight:	Item No.
Set of Supports 11-piece set - burnished	125 mm	50 mm	1,95 kg	2-280821 84.00 USD ●
Tower for Supports - burnished	125 mm	50 mm	0,60 kg	2-280821.1 40.00 USD ●
Washer Set - 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 42.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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



Screw Support Ø 80 - burnished	Height: (c)	Ø: (o)	Weight:	Item No.
	75-110 mm	80 mm	2,30 kg	2-280822 126.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Support height adjustable with scale

Description:

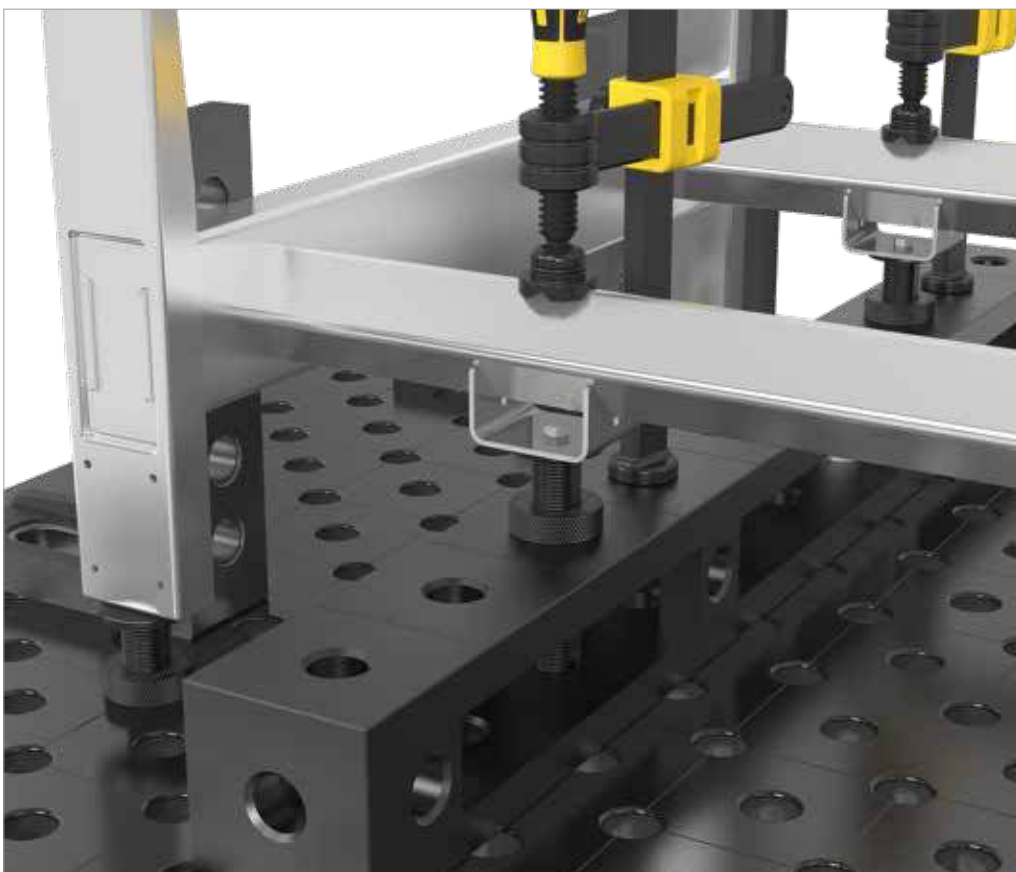
The height adjustable Support with scale offers a solid support surface and can be used in all system bore holes.

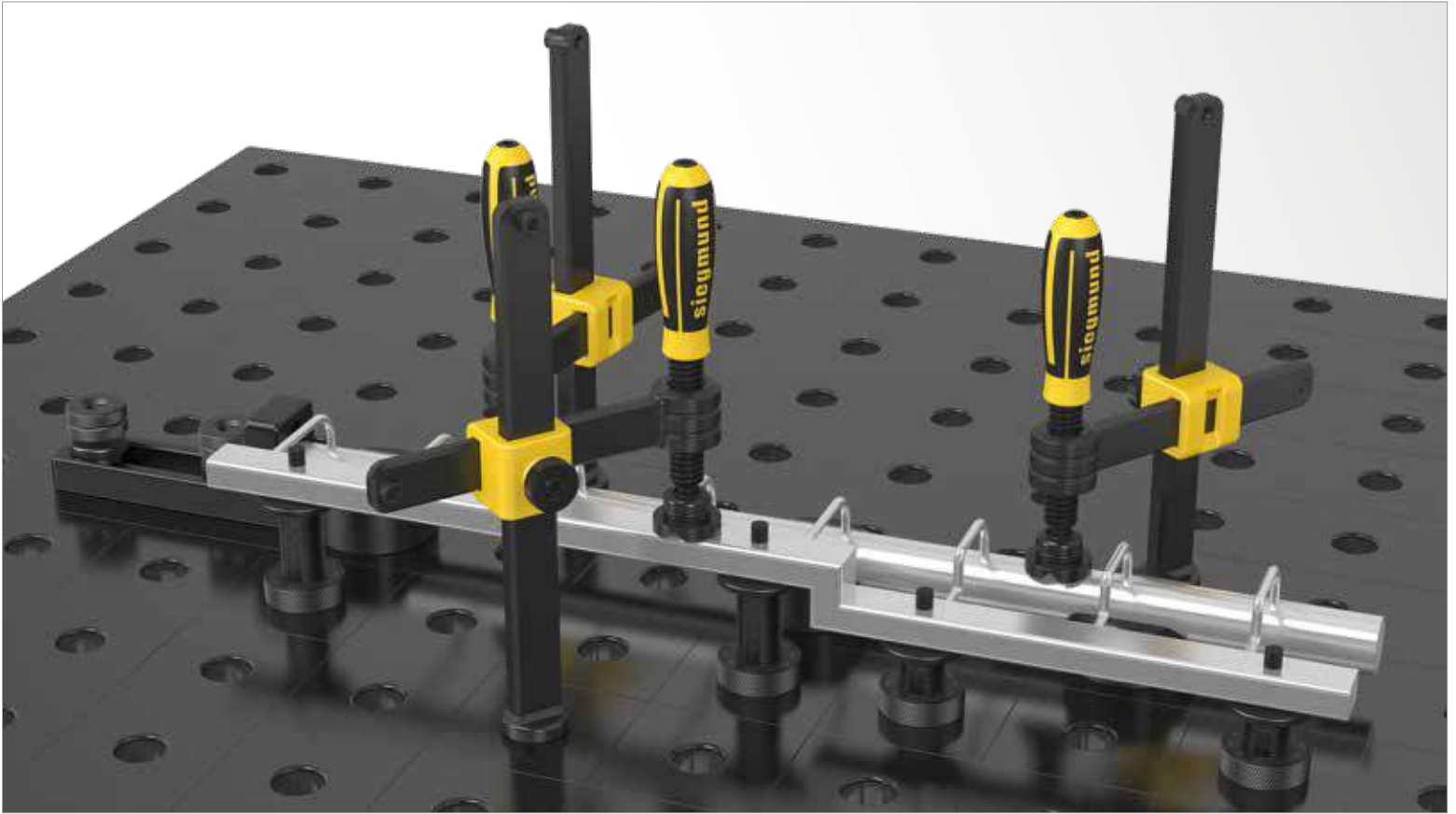
The height can be adjusted steplessly in the range of 20 – 105 mm by regulating the adjusting ring and the locknut. Due to the fine scaling, the height can be adjusted accurate to the millimetre.

Available from 01.04.2019.



280824

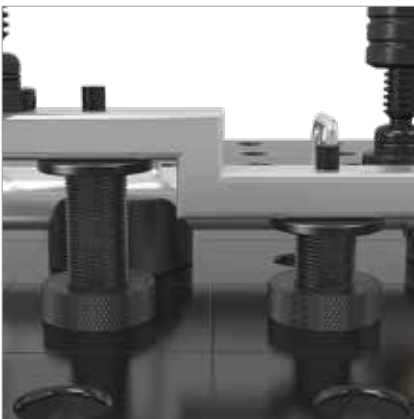




Support height adjustable with scale
- incl. Setscrew

Length: (a)	Ø: (o)	Weight:	Item No.
144 mm	50 mm	0,87 kg	2-280824 • 78.00 USD

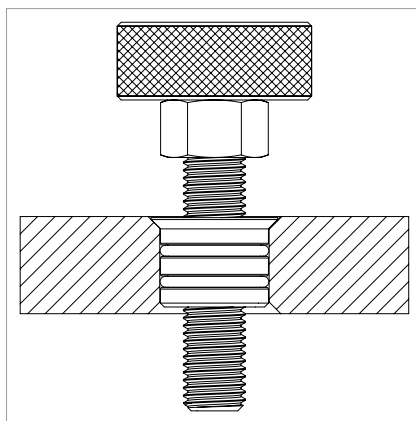
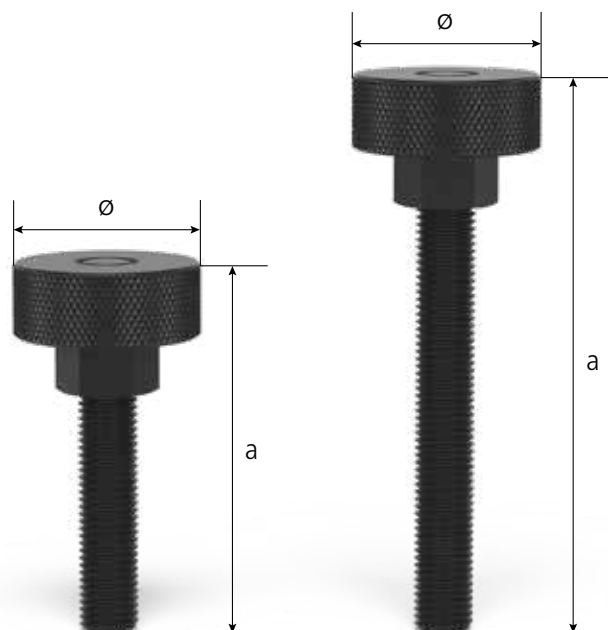
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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

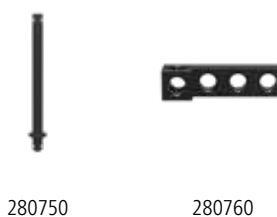


280825

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Spacer 100	100 mm		50 mm	0,52 kg	2-280175 62.00 USD •
	100 mm		75 mm	0,92 kg	2-280176 70.00 USD •
	100 mm		100 mm	1,42 kg	2-280177 74.00 USD •
Spacer 150	150 mm		50 mm	0,60 kg	2-280175.1 66.00 USD •
	150 mm		75 mm	1,00 kg	2-280176.1 72.00 USD •
	150 mm		100 mm	1,50 kg	2-280177.1 78.00 USD •
Thread Bushing for M16 thread - burnished		23 mm	30 mm	0,07 kg	2-280825 24.00 USD •



Clamping Pipe with quick fastener



280750

280760



280760.1

280662.N

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 arbor 40 mm.

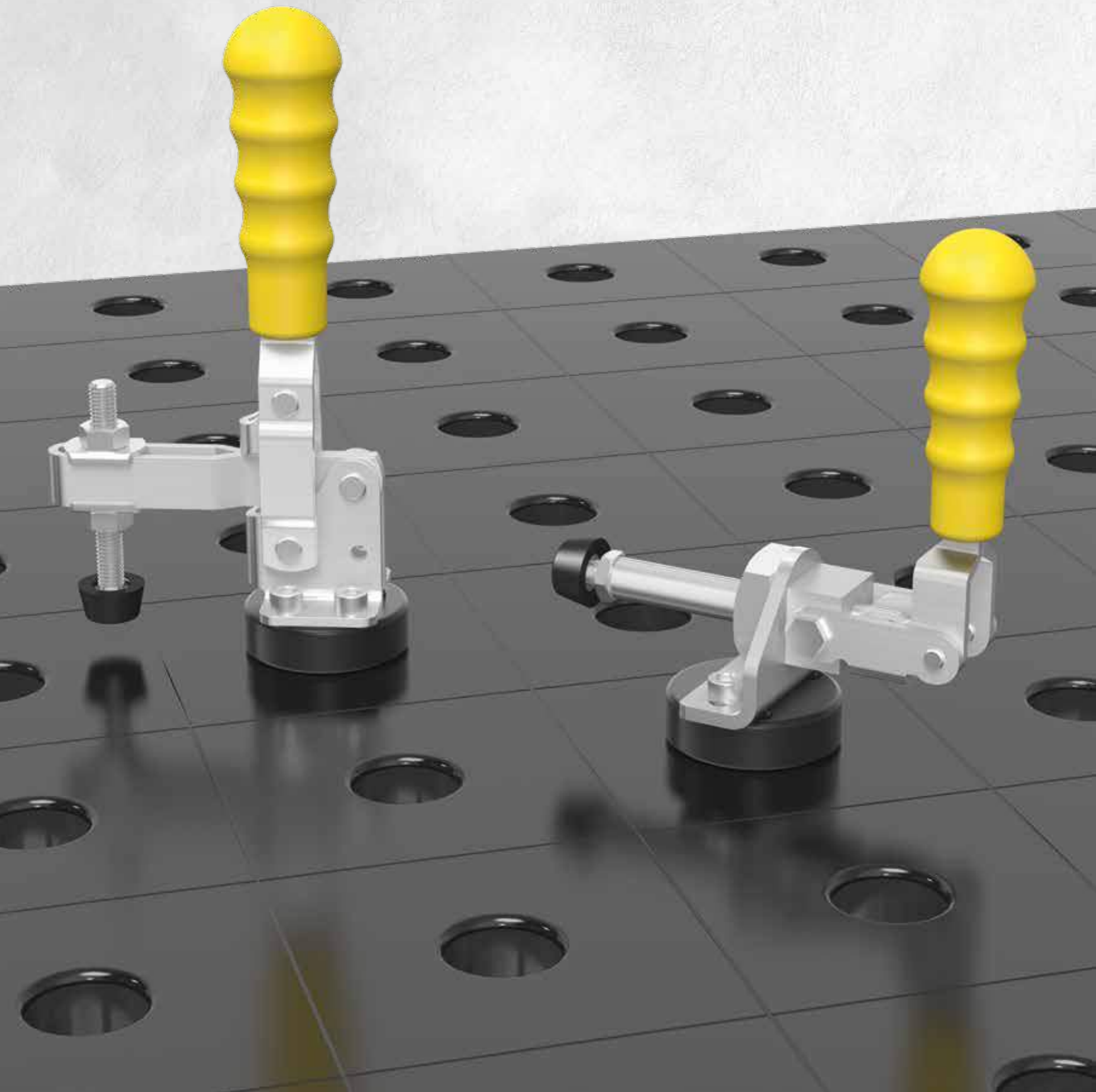




	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Clamping Pipe with quick fastener			380 mm	28 mm	1,80 kg	2-280750 158.00 USD ●
Additional sizes upon request						○
Clamp Stop	200 mm	50 mm	50 mm	28 mm	1,66 kg	2-280760 124.00 USD ●
Clamp Stop - with oblong slot	200 mm	50 mm	50 mm		1,37 kg	2-280760.1 134.00 USD ●
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1	25 mm			30 mm	0,06 kg	2-280662.N 14.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







Page 314
**Vertical Toggle Clamp
with Adapter**



Page 315
**Horizontal Toggle Clamp
with Adapter**



Page 316
Combi Adapter 225



Page 316
Combi Adapter 100



Page 317
Quick-Change Clamp 100



Page 317
Quick-Change Clamp 160



Page 318
**Adapter with Hole Pattern Ø 50 / 15
for Toggle Clamp**



Page 318
**Adapter with Hole Pattern Ø 50 / 40
for Toggle Clamp**



Page 318
**Adapter with Hole Pattern Ø 50 / 70
for Toggle Clamp**



Page 318
**Adapter with Hole Pattern Ø 50 / 100
for Toggle Clamp**



Page 318
**Adapter Blank without Hole Pattern
Ø 50 / 15 for Toggle Clamp**



Page 318
**Adapter Blank without Hole Pattern
Ø 50 / 5 for Toggle Clamp**



Page 318
**Adapter Blank without Hole Pattern
Ø 50 / 40 for Toggle Clamp**



Page 318
**Adapter Blank without Hole Pattern
Ø 50 / 70 for Toggle Clamp**



Page 318
**Adapter Blank without Hole Pattern
Ø 50 / 100 for Toggle Clamp**



Vertical Toggle Clamp with Adapter



280705

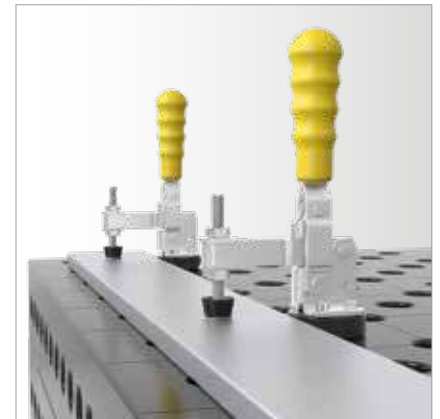
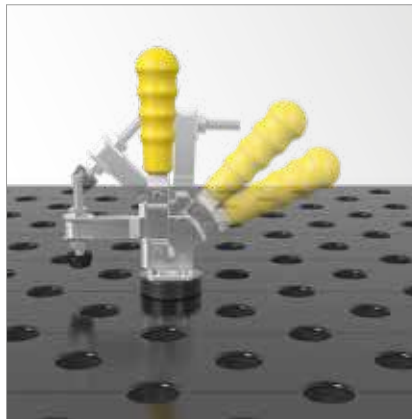
009082

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.N).

The Adapter is replaceable. Further sizes see page 318.

Further Quick-Change Clamps can be found on the Internet at www.siegmund.com



Vertical Toggle Clamp with Adapter
- Adapter 280715

maximum load	Weight:	Item No.
1,8 kN	0,73 kg	2-280705 ● 66.00 USD
	0,39 kg	2-009082 ● 44.00 USD

Vertical Toggle Clamp

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

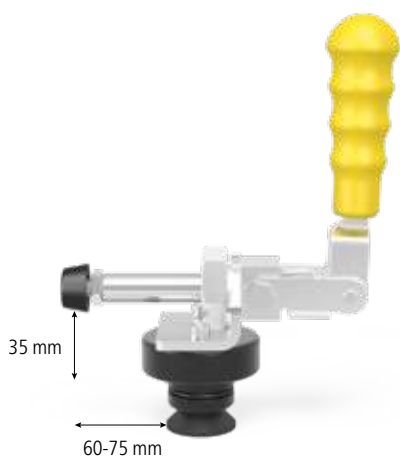
Horizontal Toggle Clamp with Adapter

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.N).

The Adapter is replaceable. Further sizes see page 318.

Further Quick-Change Clamps can be found on the Internet at www.siegmund.com



280710



009083



Horizontal Toggle Clamp with Adapter
- Adapter 280715

Horizontal Toggle Clamp

maximum load	Weight:	Item No.
2,5 kN	0,71 kg	2-280710 ● 82.00 USD
	0,40 kg	2-009083 ● 50.00 USD

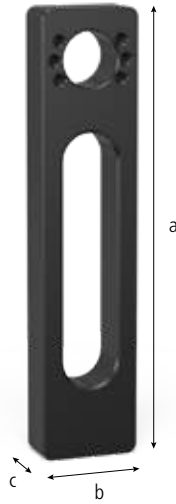
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Combi Adapter 225 / 100

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.



280730.N



280730.1.N



		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Combi Adapter 225 - nitrided		225 mm	50 mm	25 mm	1,35 kg	2-280730.N 92.00 USD ●
Combi Adapter 100 - nitrided		100 mm	50 mm	25 mm	0,80 kg	2-280730.1.N 62.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Quick-Change Clamp 100 / 160

Description:

Vertical tensioner, universally applicable in System 28 boreholes. Clamping range can be set with adjusting screw.



280706



280707



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Quick-Change Clamp 100 - Length clamping arm 100 mm - Clamping range 5-75 mm	340 mm	30 mm	150 mm	28 mm	1,20 kg	2-280706 104.00 USD ●
Quick-Change Clamp 160 - Length clamping arm 160 mm - Clamping range 0-75 mm	360 mm	30 mm	150 mm	28 mm	1,20 kg	2-280707 104.00 USD ●

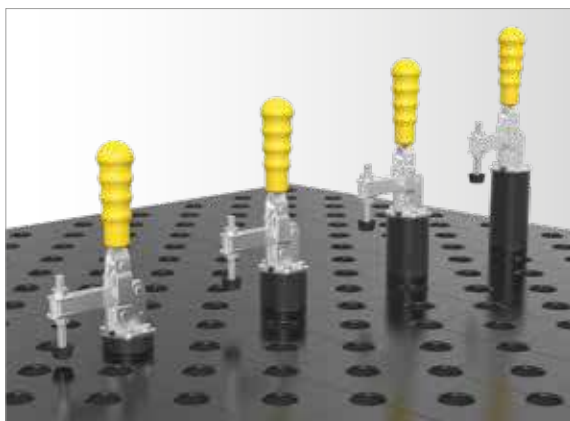
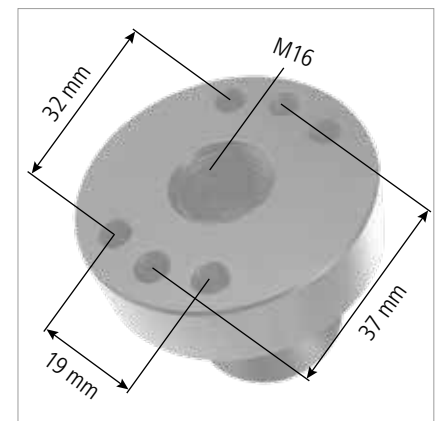
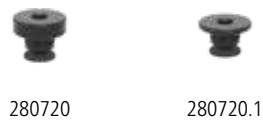
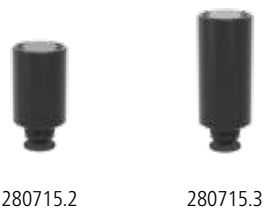
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

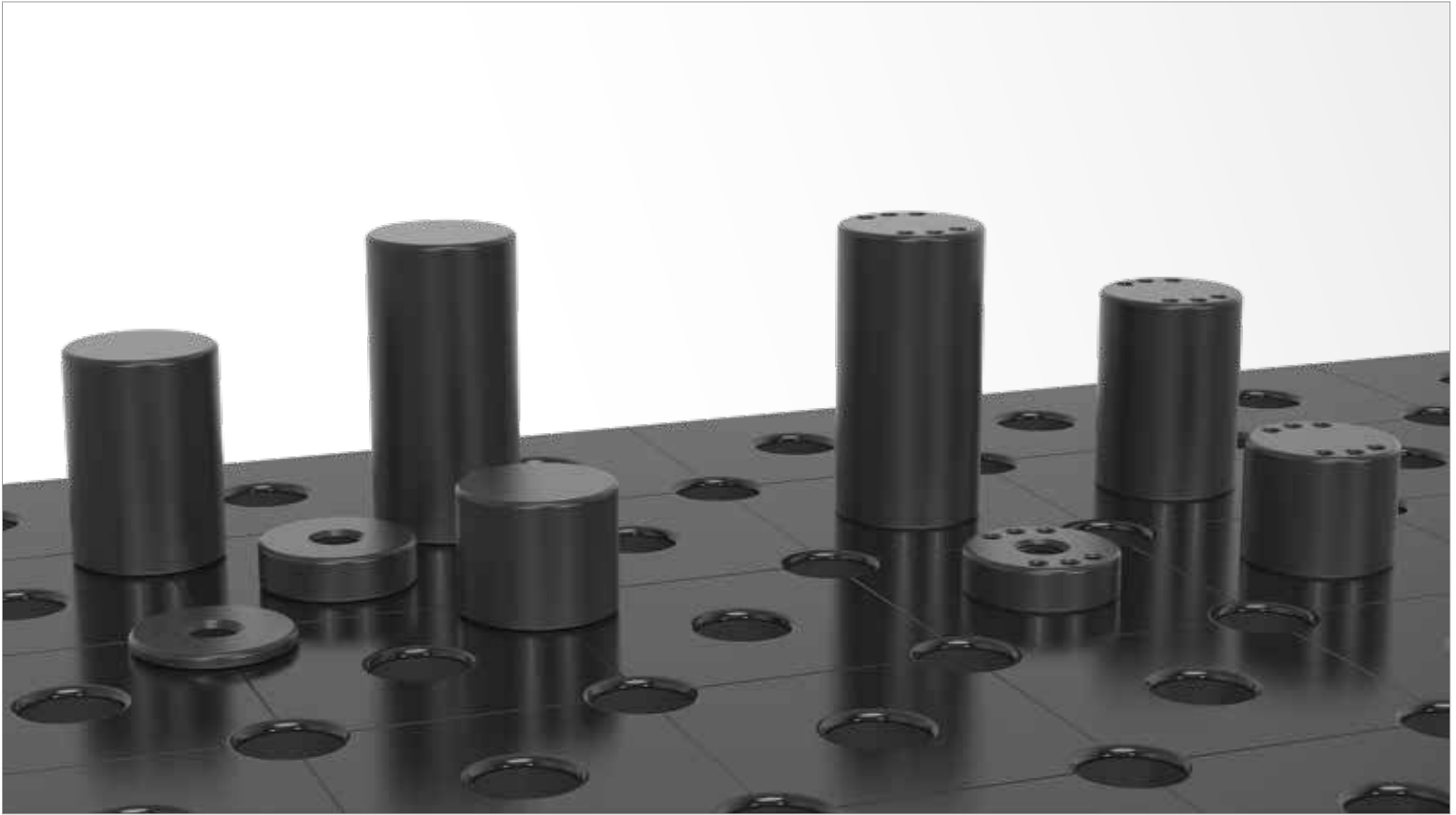


Adapter with Hole Pattern / Adapter Blank without Hole Pattern

Description:

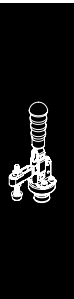
Adapter with Hole Pattern, can be used universally with 28 mm bore holes. The integrated O-ring provides the perfect fit.





	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Adapter with Hole Pattern Ø 50 / 15 - for Toggle Clamp - burnished	30 mm	50 mm	15 mm	0,30 kg	2-280715 26.00 USD ●
Adapter with Hole Pattern Ø 50 / 40 - for Toggle Clamp - burnished	55 mm	50 mm	40 mm	0,56 kg	2-280715.1 32.00 USD ●
Adapter with Hole Pattern Ø 50 / 70 - for Toggle Clamp - burnished	85 mm	50 mm	70 mm	1,00 kg	2-280715.2 36.00 USD ●
Adapter with Hole Pattern Ø 50 / 100 - for Toggle Clamp - burnished	115 mm	50 mm	100 mm	1,49 kg	2-280715.3 40.00 USD ●
Adapter Blank without Hole Pattern Ø 50 / 15 - for Toggle Clamp - burnished	30 mm	50 mm	15 mm	0,30 kg	2-280720 28.00 USD ●
Adapter Blank without Hole Pattern Ø 50 / 5 - for Toggle Clamp - burnished	20 mm	50 mm	5 mm	0,11 kg	2-280720.1 24.00 USD ●
Adapter Blank without Hole Pattern Ø 50 / 40 - for Toggle Clamp - burnished	55 mm	50 mm	40 mm	0,62 kg	2-280720.2 34.00 USD ●
Adapter Blank without Hole Pattern Ø 50 / 70 - for Toggle Clamp - burnished	85 mm	50 mm	70 mm	1,07 kg	2-280720.3 38.00 USD ●
Adapter Blank without Hole Pattern Ø 50 / 100 - for Toggle Clamp - burnished	115 mm	50 mm	100 mm	1,50 kg	2-280720.4 42.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







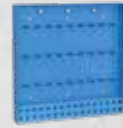
Page 322
Sub Table Box for System 28



Page 324
Tool Cart



Page 325
Tool Cart Compact



Page 326
Toolwall



Page 327
Module for Tool Wall



Page 328
Protective Welding Wall



Page 329
Ground Connection Comfort



Page 330
Brush Ø 30 with protecting cover



Page 331
Burner Holder



Page 332
Hex wrench 6



Page 332
Hex wrench 6



Page 333
Hex wrench 14



Page 334
Standard bench vice 125 for System 16 / 22 / 28



Page 334
Premium bench vice 125 for System 16 / 22 / 28



Page 336
Shipping Bracket with Fastening Plate 1800 kg load-bearing capacity



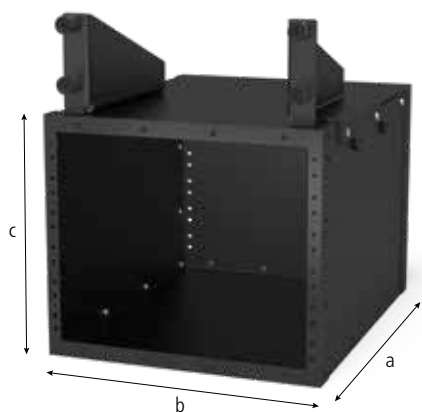
Page 336
Shipping Bracket nitrided



Page 338
Table press System 28



Sub Table Box



280900



281900



004200



004205



004210



004215

Description:

Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

The ST Box has a total maximum load capacity of approx. 100 kg. Each drawer carries a maximum load of approx. 50 kg.

The totally enclosed design protects the drawer contents from dirt and weld spatters.

Regardless of table size and ribbing, the ST Box can be attached to every Siegmund welding table.

Self assembly instructions are provided and you can easily attach the assembled ST Box to your welding table.





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Sub Table Box for System 28 - varnished	630 mm	510 mm	420 mm	36,00 kg	2-280900 534.00 USD ●
Sub Table Box for System 28 Basic - varnished	630 mm	510 mm	420 mm	34,30 kg	2-281900 534.00 USD ●
Drawer 60 mm	590 mm	400 mm	60 mm	7,10 kg	2-004200 216.00 USD ●
Drawer 120 mm	590 mm	400 mm	120 mm	8,70 kg	2-004205 248.00 USD ●
Drawer 180 mm	590 mm	400 mm	180 mm	9,10 kg	2-004210 266.00 USD ●
Drawer 240 mm	590 mm	400 mm	240 mm	9,50 kg	2-004215 284.00 USD ●

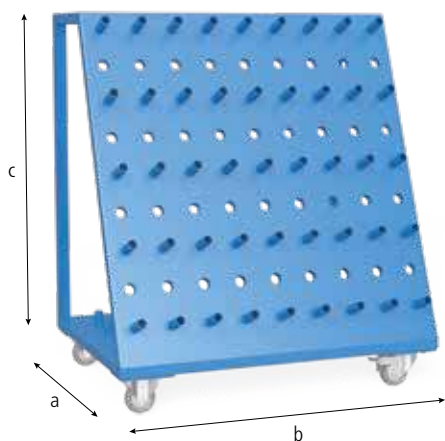
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Tool Cart

Description:

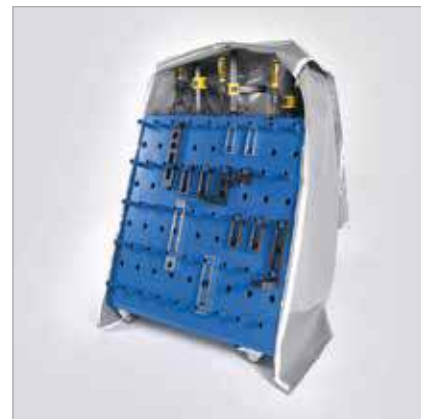
Tool Cart, offers sufficient space for your Siegmund accessories. Your tools are handy, and you always keep track of them. Large squares are practically and safely stored in the inside space. Due to the casters, the tools are quickly transported to different points of use.



280910



280915



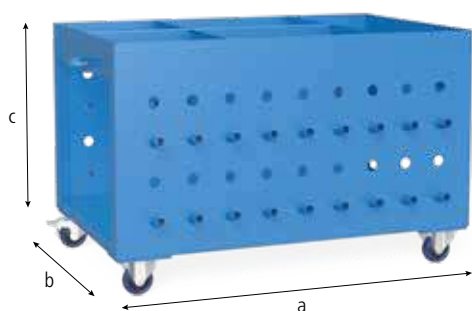
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Tool Cart - varnished - Max. total weight 240 kg	650 mm	900 mm	1020 mm	50,00 kg	2-280910 1,110.00 USD ●
Tarp - for Tool Cart 280910					2-280915 430.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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

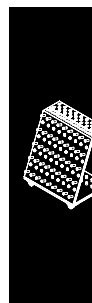


280916



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Tool Cart Compact - varnished	1000 mm	650 mm	640 mm	59,00 kg	2-280911 • 1,110.00 USD
Tarp - for Tool Cart Compact 280911					2-280916 • 430.00 USD

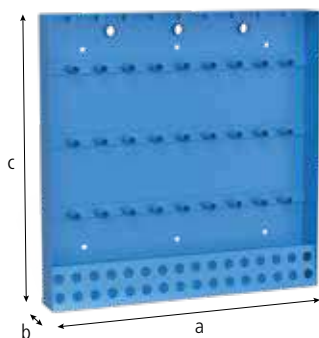
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



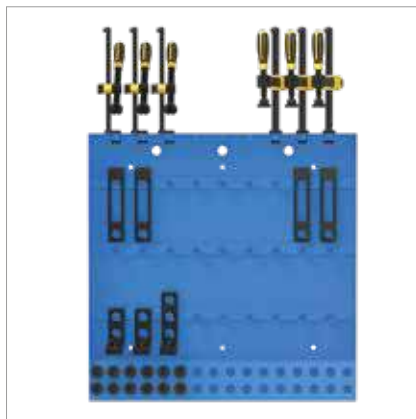
Toolwall

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.



280912



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Toolwall - varnished	800 mm	100 mm	800 mm	22,50 kg	2-280912 424.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Modular Tool Panel

Description:

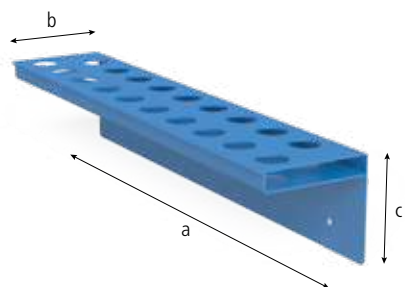
Modular Tool Panel - create your own personal toolwall by using different components.

The Module 280930, 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.



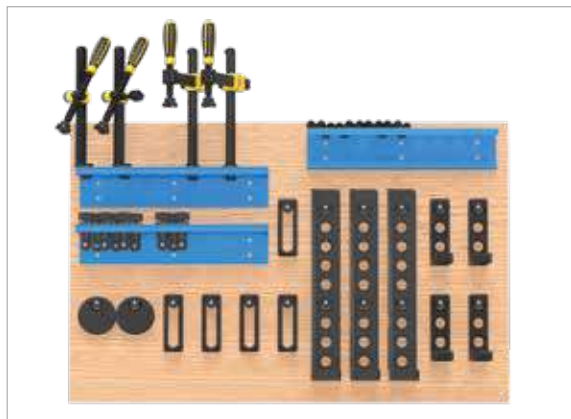
280930



280931



280936



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Module for Tool Wall - varnished	500 mm	100 mm	110 mm	28 mm	2,20 kg	2-280930 126.00 USD ●
Module for Tool Wall without Sleeves - varnished	500 mm	100 mm	110 mm	28 mm	1,90 kg	2-280931 84.00 USD ●
Pin for Toolwall - burnished	37 mm			28 mm	0,10 kg	2-280936 6.00 USD ●
Set Module for Tool Wall - consisting of 2x 280930, 2x 280931, 5x 280936.10						2-280930.Set 614.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

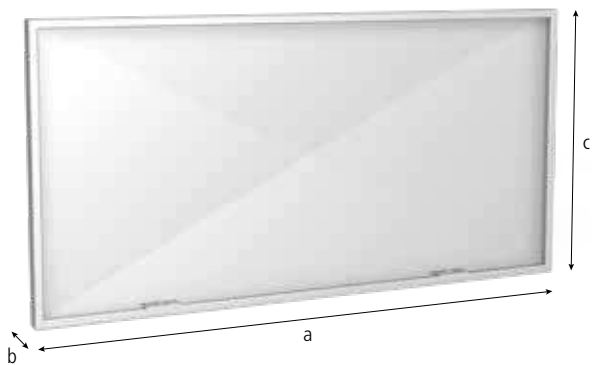


Protective Welding Wall

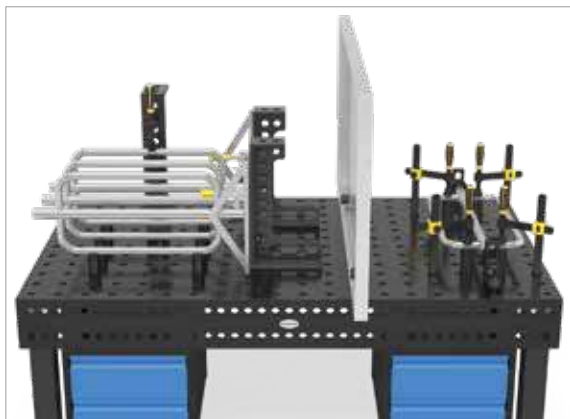
Description:

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



Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
1600 mm	50 mm	800 mm	23,00 kg	2-280980 288.00 USD ●

Protective Welding Wall
- Custom color varnish available against surcharge

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 mm².



000810



Ground Connection Comfort

Weight:	Item No.
0,66 kg	2-000810 ●
	74.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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



	Ø: (o)	Weight:	Item No.
Brush Ø 30 with protecting cover - with protecting cover	30 mm	0,06 kg	2-280820 ● 32.00 USD
Brush Ø 30 for drill bit / 10 piece pack	30 mm	0,06 kg	2-280820.10 ● 98.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

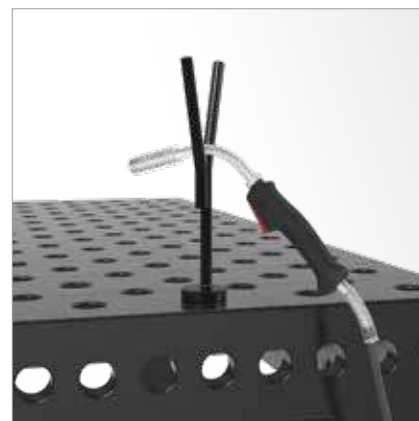
Burner Holder

Description:

Burner Holder, can be positioned in each system bore hole and offers an attachment for your welding burner.



280920



Burner Holder
- burnished

Height: (c)	Weight:	Item No.
200 mm	0,50 kg	2-280920 ● 48.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Hex wrench 6

Description:

Hex wrench 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.



280852.1

280852



	Weight:	Item No.
Hex wrench 6 - yellow	0,09 kg	2-280852.1 ● 24.00 USD
Hex wrench 6 - red	0,50 kg	2-280852 ● 24.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Hex wrench 14

Description:

Hex wrench 14, used to tighten positioning bolts and large universal squares.



280854



Hex wrench 14

Weight:

0,45 kg

Item No.

2-280854
24.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Bench vice

Description:

The basic equipment of each workshop is a reliable bench vice. Our Siegmund bench vice offers improved productivity.

To attach the bench vice to the table, fast clamping bolts and if necessary, reduction bushings are required.



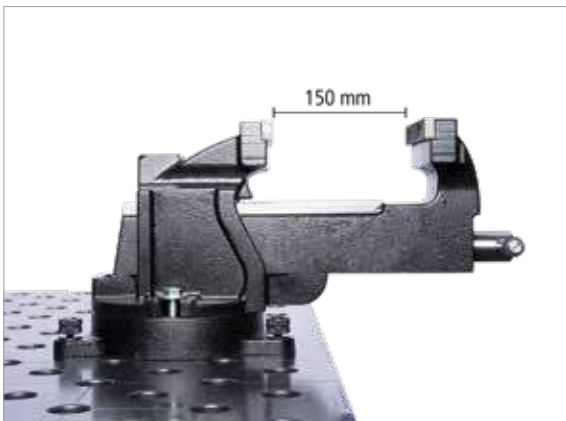
004300

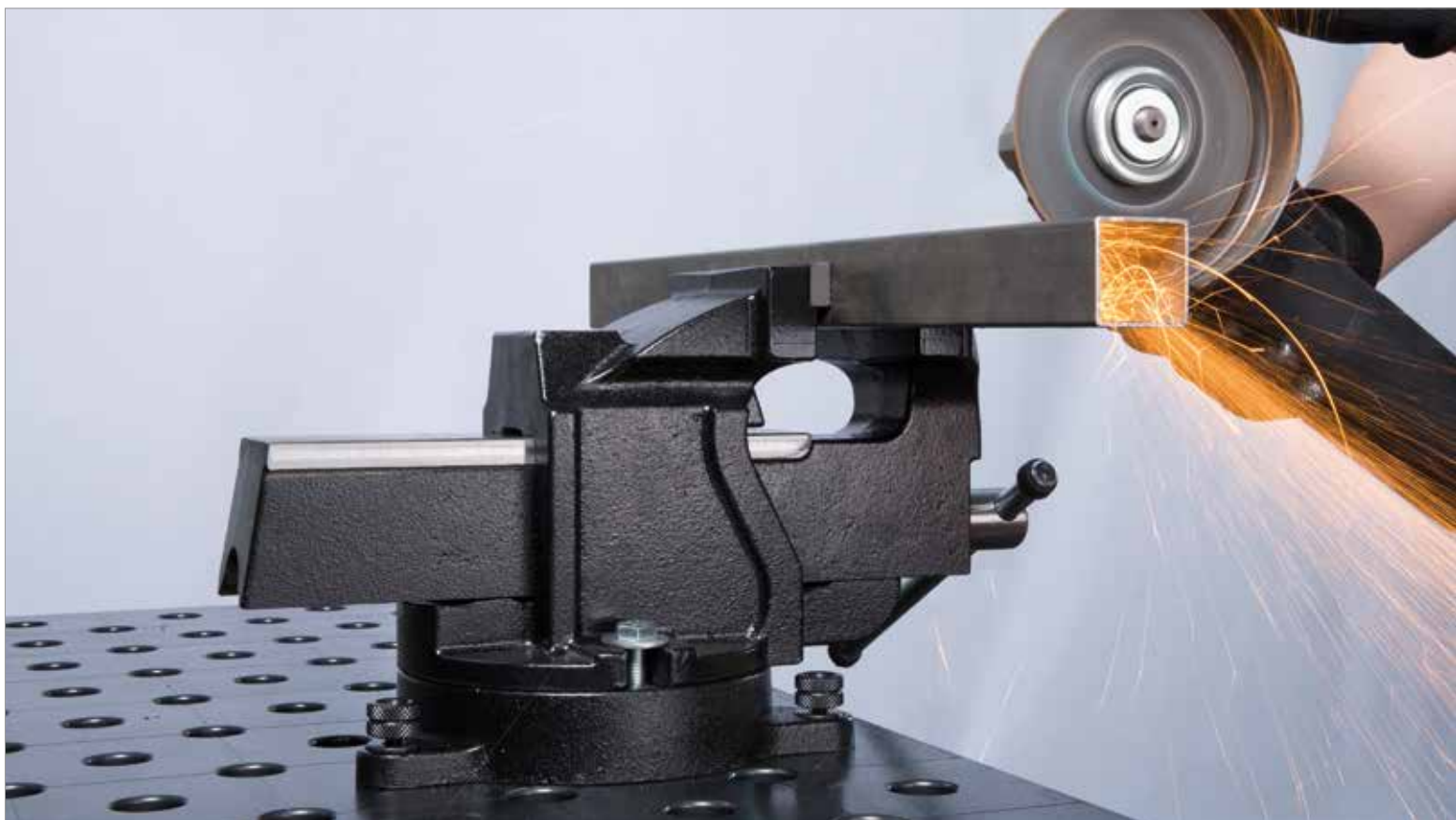


004303



004302





	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Premium bench vice 100 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 83 mm			14,00 kg				2-004300 264.00 USD ●
Standard bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			14,00 kg				2-004303 320.00 USD ●
Premium bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			19,40 kg				2-004302 414.00 USD ●
Fast Clamping Bolt short - for clamping 2 components - burnished - with screw top	95 mm	28 mm	0,54 kg	220,00 kN	25,00 Nm	25,00 kN	2-280510 82.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Shipping Bracket

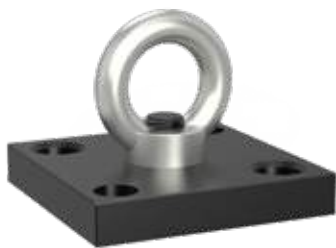
Description:

Shipping Bracket with Mounting Plate, load-bearing capacity 1.800 kg (with 2x 280510) / 1.000 kg (with 2x 002822). 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.N.T1



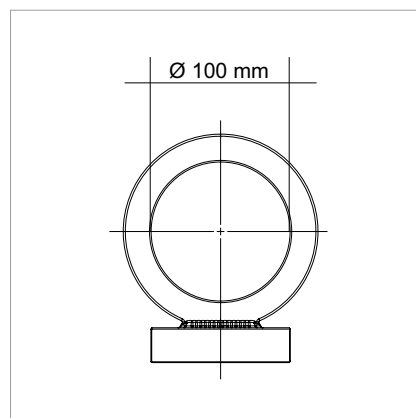
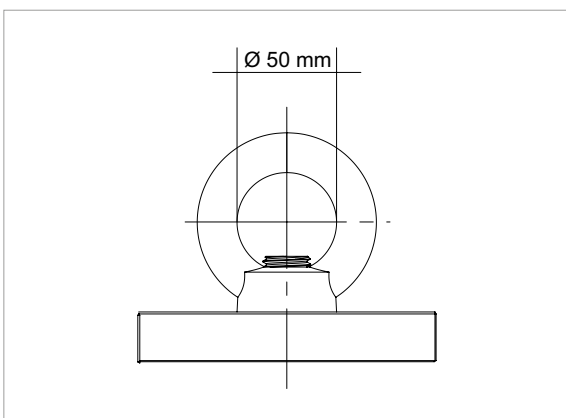
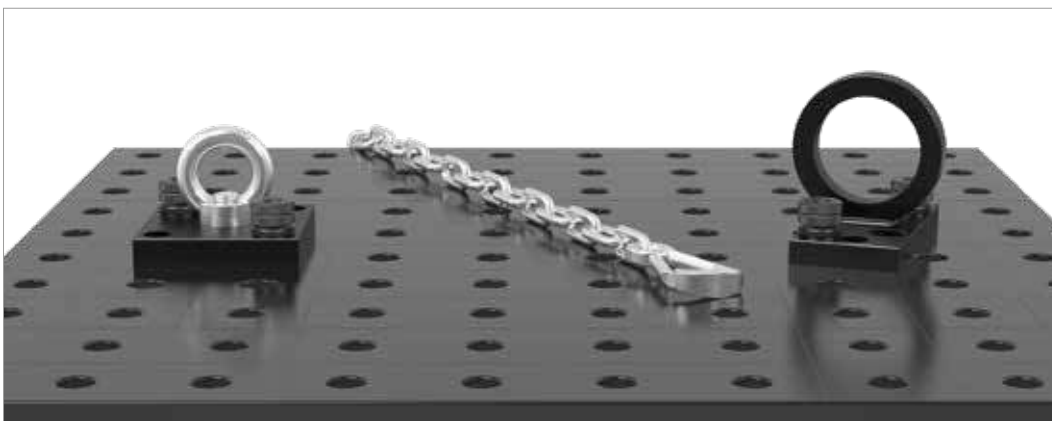
000831

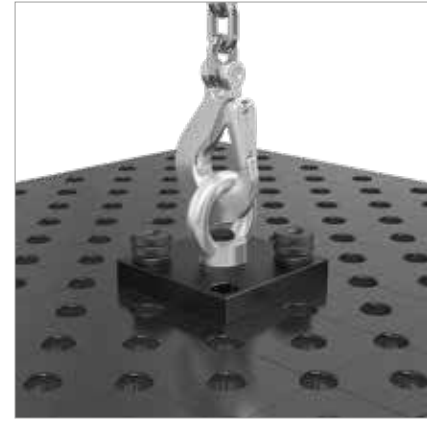
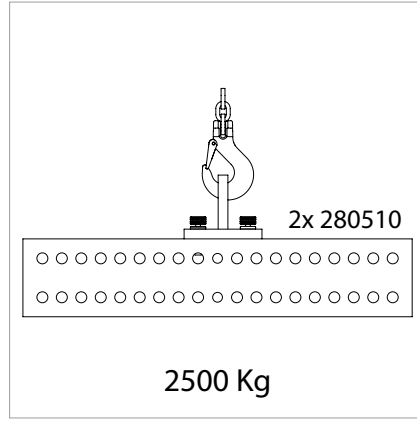
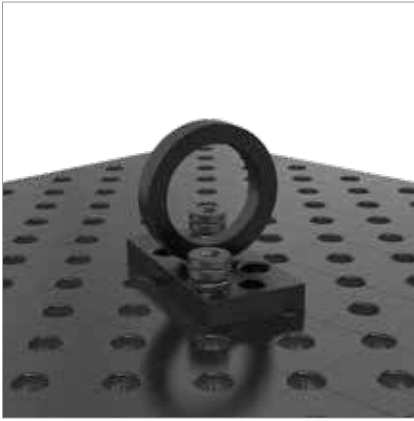
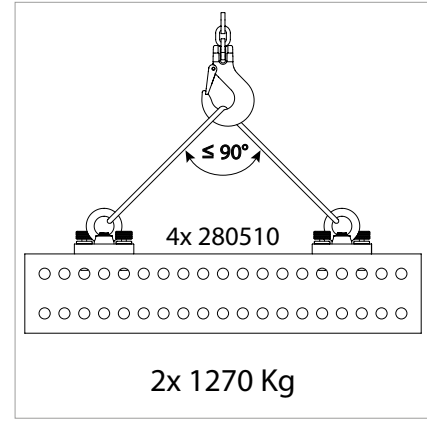
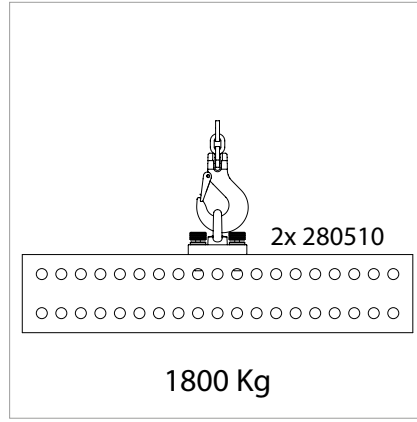
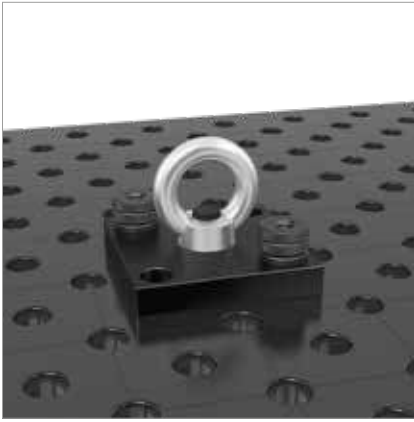


000835.N



000830.N





		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Shipping Bracket with Fastening Plate nitrided - 1800 kg load-bearing capacity (with 2x 280510) - 1000 kg load-bearing capacity (with 2x 002822)		150 mm	150 mm	25 mm	4,70 kg	2-000830.N 84.00 USD
Mounting Plate, 150x150x25 for Shipping Bracket		150 mm	150 mm	25 mm	3,90 kg	2-000830.N.T1 62.00 USD
Shipping Bracket without Fastening Plate					0,70 kg	2-000831 24.00 USD
Shipping Bracket nitrided - 2500 kg load-bearing capacity (with 2x 280510) - 1000 kg load-bearing capacity (with 2x 002822) - 700 kg load-bearing capacity (with 2x 160510)		200 mm	100 mm	165 mm	4,50 kg	2-000835.N 158.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Table press



28004643

Description:

Perfect weldments by pre-stressing before welding.

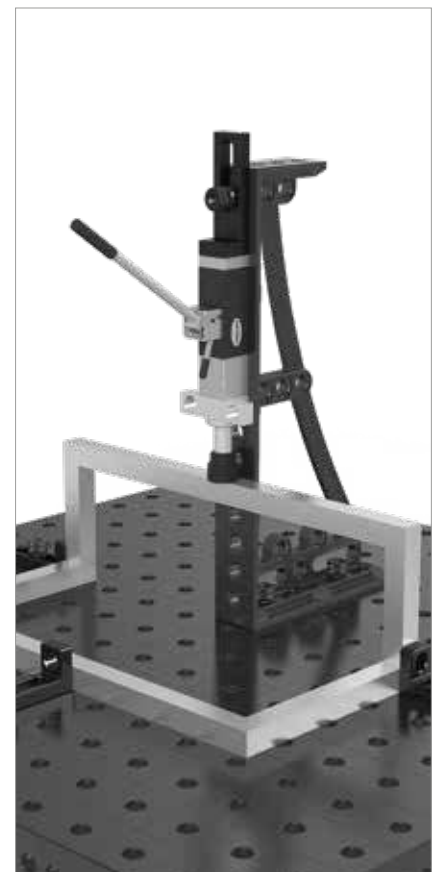
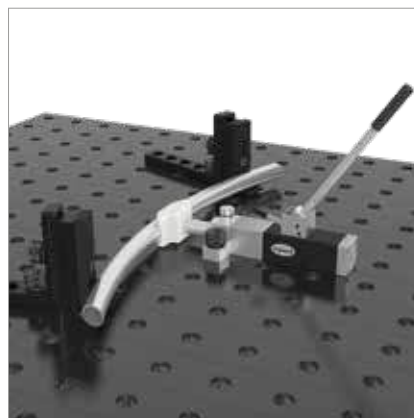
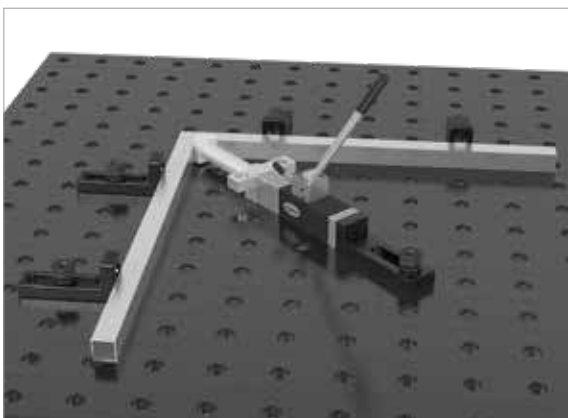
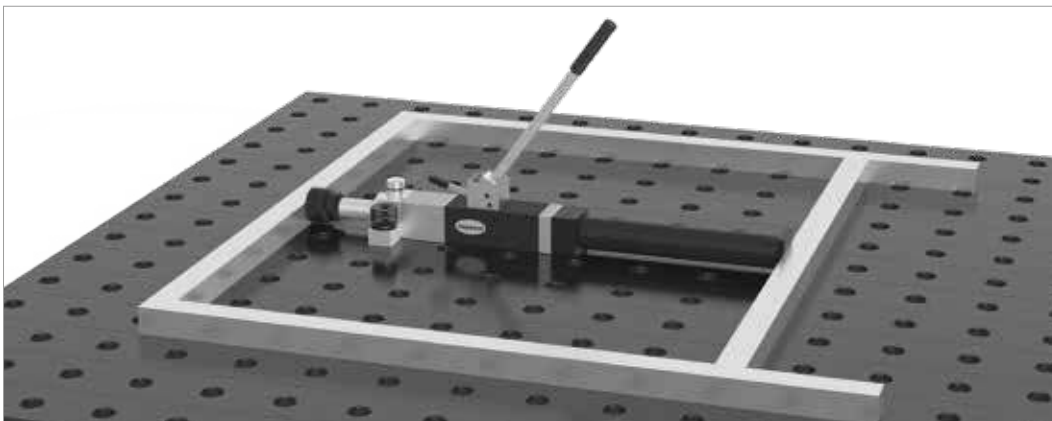
The table press is used for straightening deformed steel products. With a compressive force of 2,5 tons, parts that have unwanted unevenness or tension in the material, can be straightened. With the additionally available pipe bending stamp, pipes with a diameter of up to 42 mm can be bent flexibly.

The total stroke is 60 mm, which can be achieved with 13 pump strokes with an operating force of approx. 330 N (stroke per pump stroke 4,6 mm). An overflow valve prevents additional pressure build-up when the piston rod is fully extended.

For a secure attachment on the table, the table press can be fixed through the turret head by using Fast Clamping Bolts or by the attached bolt.

The table press must always be fixed in two places.

Further accessories can be found at www.siegmund.com



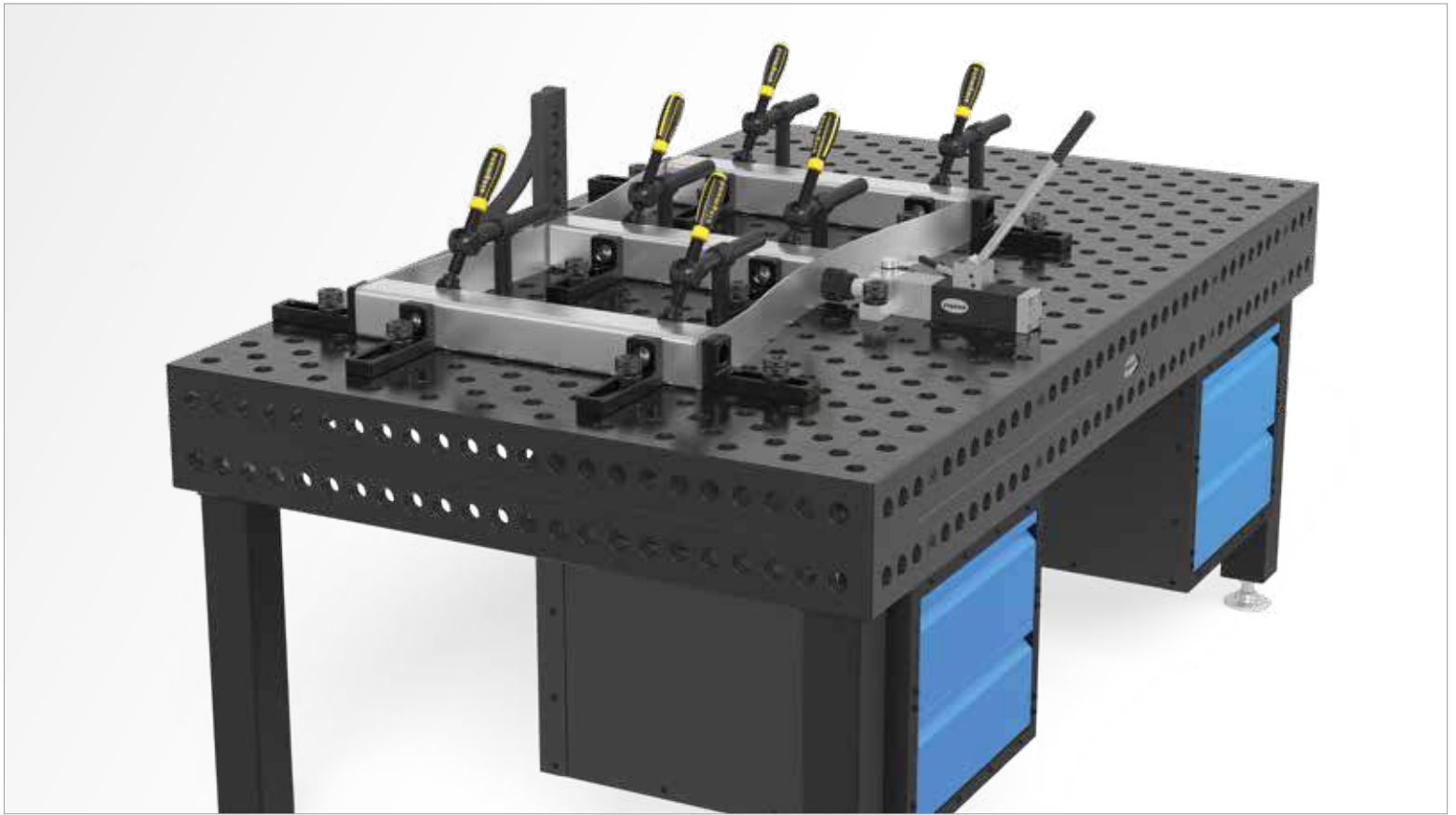


Table press System 28
- for clamping and straightening

Weight:	Item No.
5,70 kg	2-28004643
	1,866.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

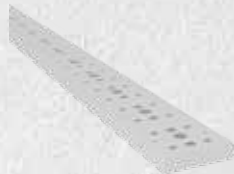
Further accessories can be found at www.siegmund.com







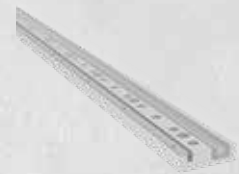
Page 358
Support- and Foundation Rail



Page 360
Support- and Foundation Rail XL



Page 362
Round Rail 25



Page 364
Support- and Foundation Rail with integrated round rail



Page 370
Connecting Frame for Work Table



Page 372
Connecting Frame with Cartridge Roller for Work Table



Page 372
Connecting Frame with rotating rim for Work Table



Page 378
Leg basic



Page 380
Leg with Caster



Page 382
Leg with inserted roller



Page 398
Table 750



Page 398
Table 8.7



Page 400
Plate 750



Page 400
Plate 8.7



Page 402
Cover cap for mounting hole



Page 402
Plastic Cap for Support and Foundation Rail / pack of 10



Page 402
Leg for platform system



Page 402
Leg standard equipment, special height min. 150 mm



Space and flexibility 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 with optimum accuracy.

The combination of tables, connecting frames and accessories, result in a multitude of clamping options for any size or area. With the help of connecting frames with castors, tables and accessories are easily moved and fixed on a 100 mm grid. With the 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 movable when required!



Overview Rail Options



SUPPORT- AND FOUNDATION RAIL

SUPPORT- AND FOUNDATION RAIL XL THROUGH-HARDENED TOOL STEEL

INSTALLATION OPTIONS

underfloor and above-floor option
(illustration underfloor)

underfloor and above-floor option
(illustration underfloor)

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 via leg for U-Square with caster (K) only for above-floor
- no lifting gear and crane required only for above-floor

- additional threaded bore holes for even more clamping possibilities
- larger support surfaces

- also available in hardened material for an extra charge

- hardened material - Professional Extreme 8.7 (thus longer durability)

- much higher impact and shock resistance (suitable for high loads)

CLAMPING ELEMENTS

- Welding table on connecting frame simple (E)
- U-square for leg U-square simple (I)
- U-square on leg for U-square simple (I) and with caster (K) only for above-floor
- U-Square
- Cast Iron Squares
- Multi Clamp Tower

- Welding table on connecting frame simple (E)
- U-square for leg U-square simple (I)
- 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

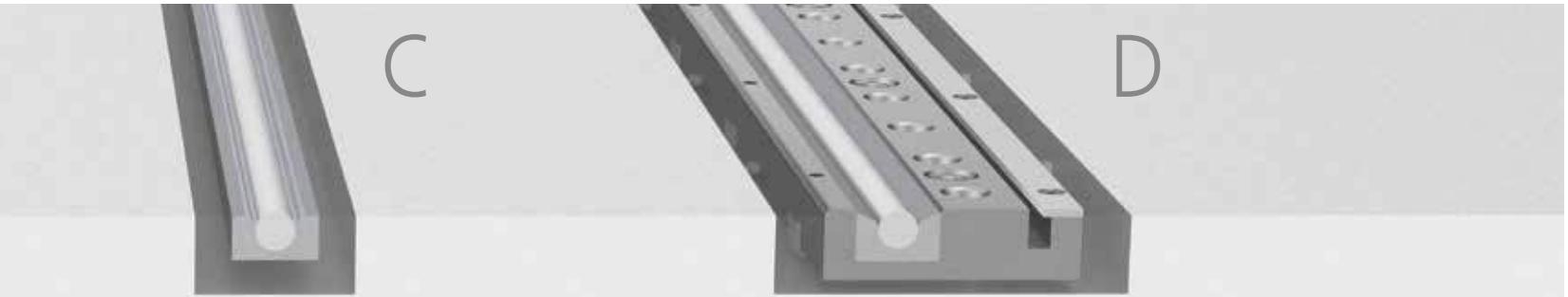
see page 359

see page 361

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

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



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 cartridge roller (G) or leg for U-Square with inserted roller (L)
- 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 inserted roller (L)

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

see page 363

- 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 rotating rim (H) or leg for U-Square with inserted roller (L)
- 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 with inserted roller (L) (recommended only in connection with tilt protection)
- U-Square
- Cast Iron Squares
- Multi Clamp Tower

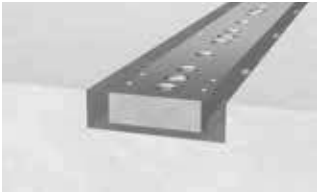
100 mm in rail grid

see page 365

- slides easily
- high running smoothness of casters



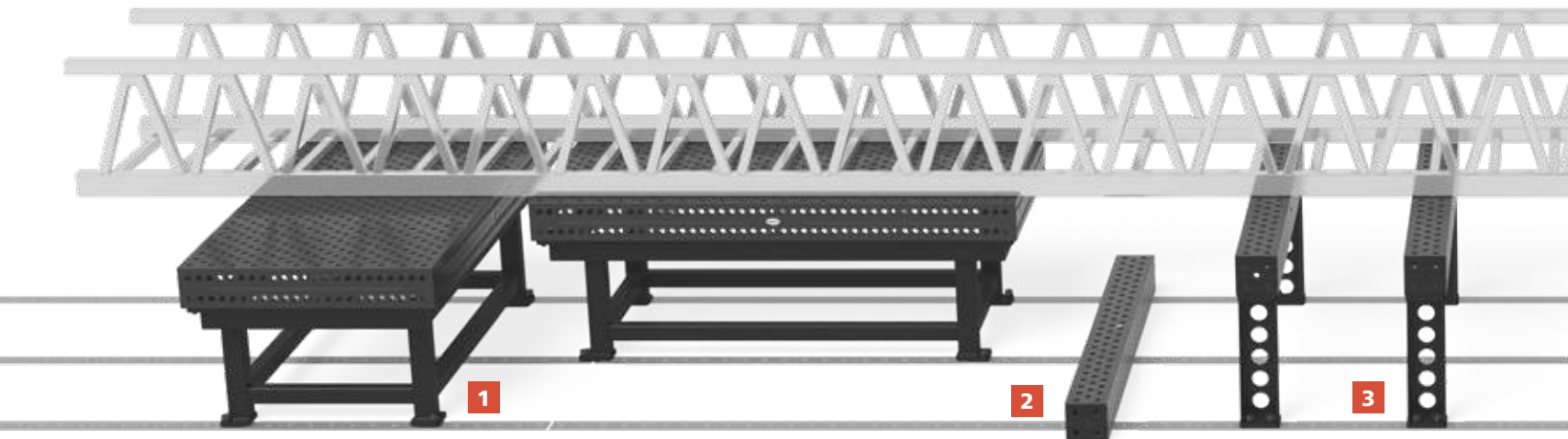
Comparison Support- and Foundation Rails



A SUPPORT- AND FOUNDATION RAIL UNDERFLOOR

You can also find the product video on:

www.siegmund.com/V280883



1 MOUNTING OF CONNECTING FRAMES OF CONNECTING FRAMES

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

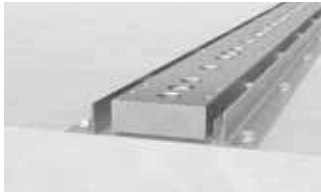


2 MOUNTING OF CONNECTING FRAMES OF CLAMPING ELEMENTS

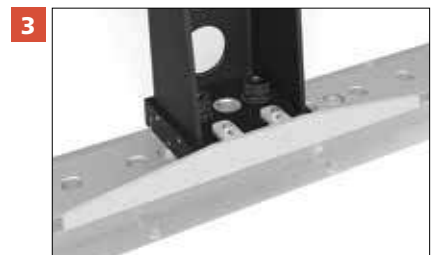
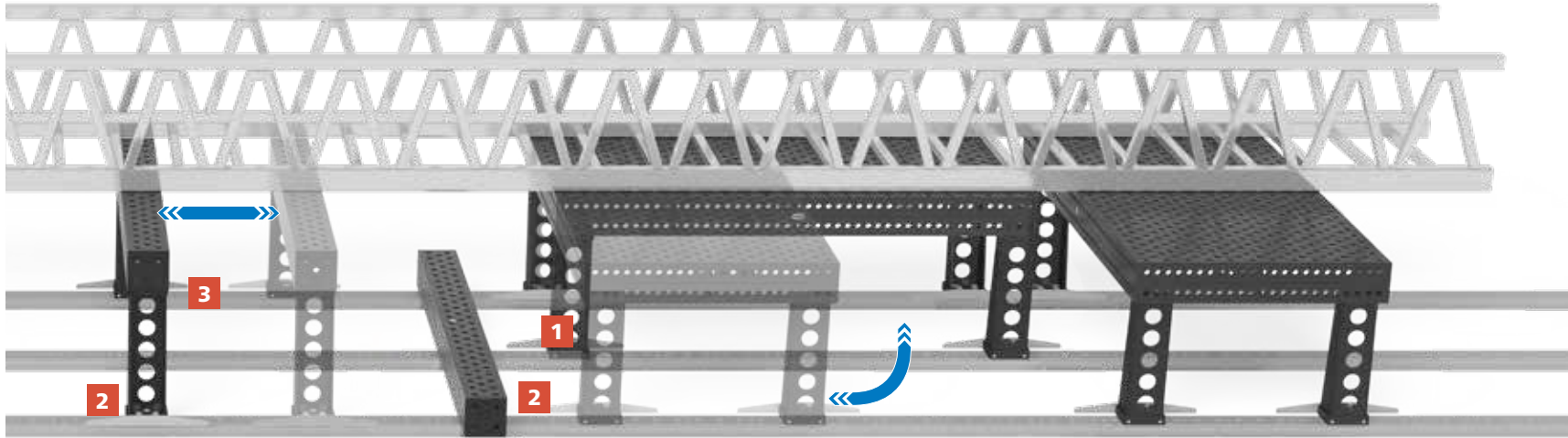
By using bolts, e.g. 280528, U-shape squares can be directly mounted on the rail, or in combination with "leg for U-shape squares simple (I)"



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



A SUPPORT- AND FOUNDATION RAIL ABOVE-FLOOR



MOUNTING OF CONNECTING FRAMES 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.

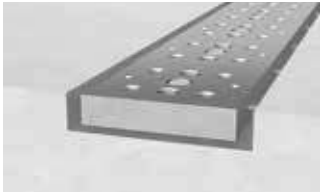
TILT PROTECTION FOR LEG U-SQUARE (EXAMPLE)

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 Support- and Foundation Rails XL



B SUPPORT- AND FOUNDATION RAIL XL
UNDERFLOOR



MOUNTING OF CONNECTING FRAMES OF CONNECTING FRAMES

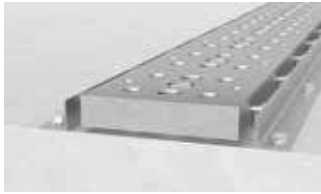
The "Connecting Frame simple (E)" is directly mounted on the rail by using bolts, e.g. 280510.

MOUNTING OF CONNECTING FRAMES OF CLAMPING ELEMENTS

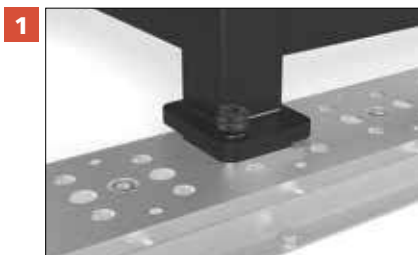
By using bolts, e.g. 280528, U-shape squares can be directly mounted on the rail, or in combination with "leg for U-shape squares simple (I)"

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

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



B SUPPORT- AND FOUNDATION RAIL XL ABOVE-FLOOR



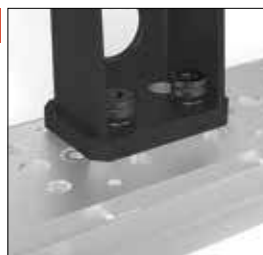
1 MOUNTING OF CONNECTING FRAMES OF CONNECTING FRAMES

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



2 MOUNTING OF CONNECTING FRAMES 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.



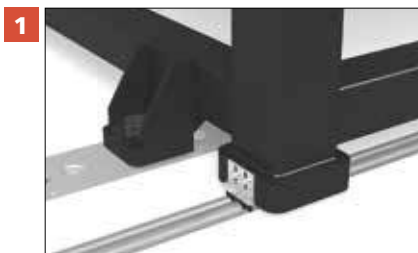
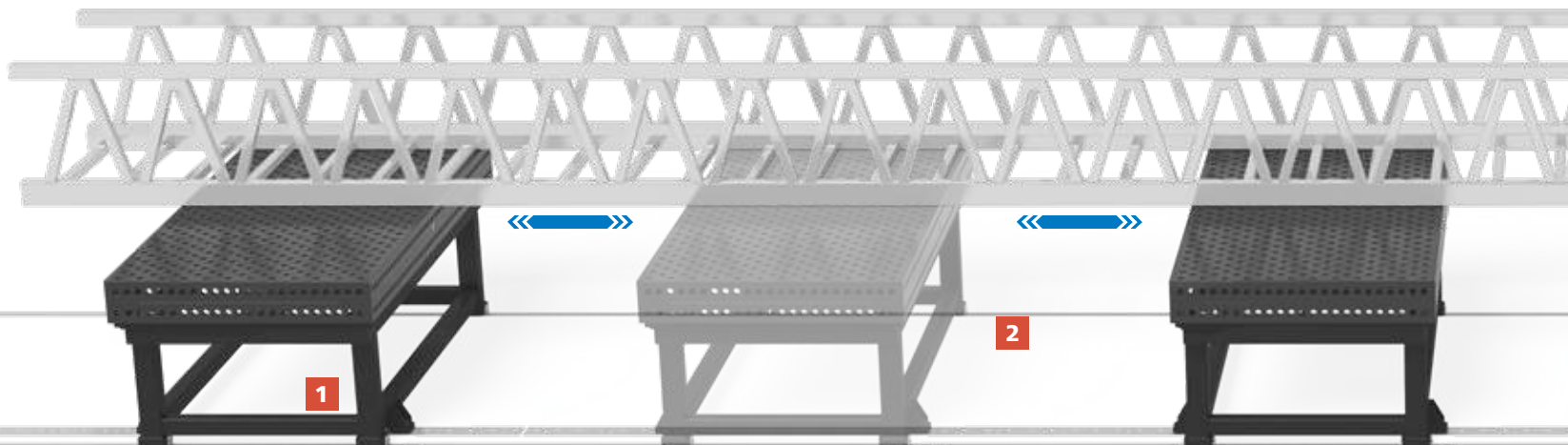
A special grid with thread holes allows you to work with your individual tools and devices.



Comparison Round Rail



C SUPPORT- AND FOUNDATION RAIL WITH ROUND RAIL



1 MOUNTING OF CONNECTING FRAMES OF CONNECTING FRAMES

A locking lever spades the "connecting frame with cartridge roller (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)".



D SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL

You can also find the product video on:

www.siegmund.com/V280232.1



1 MOUNTING OF CONNECTING FRAMES OF CONNECTING FRAMES

A Positioning Bolt stakes the "Connection frame with rotating rim (H)" in the grid and fixes 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 CONNECTING FRAMES 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 inserted 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 inserted roller (L)".

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





Precise installation is the basis!

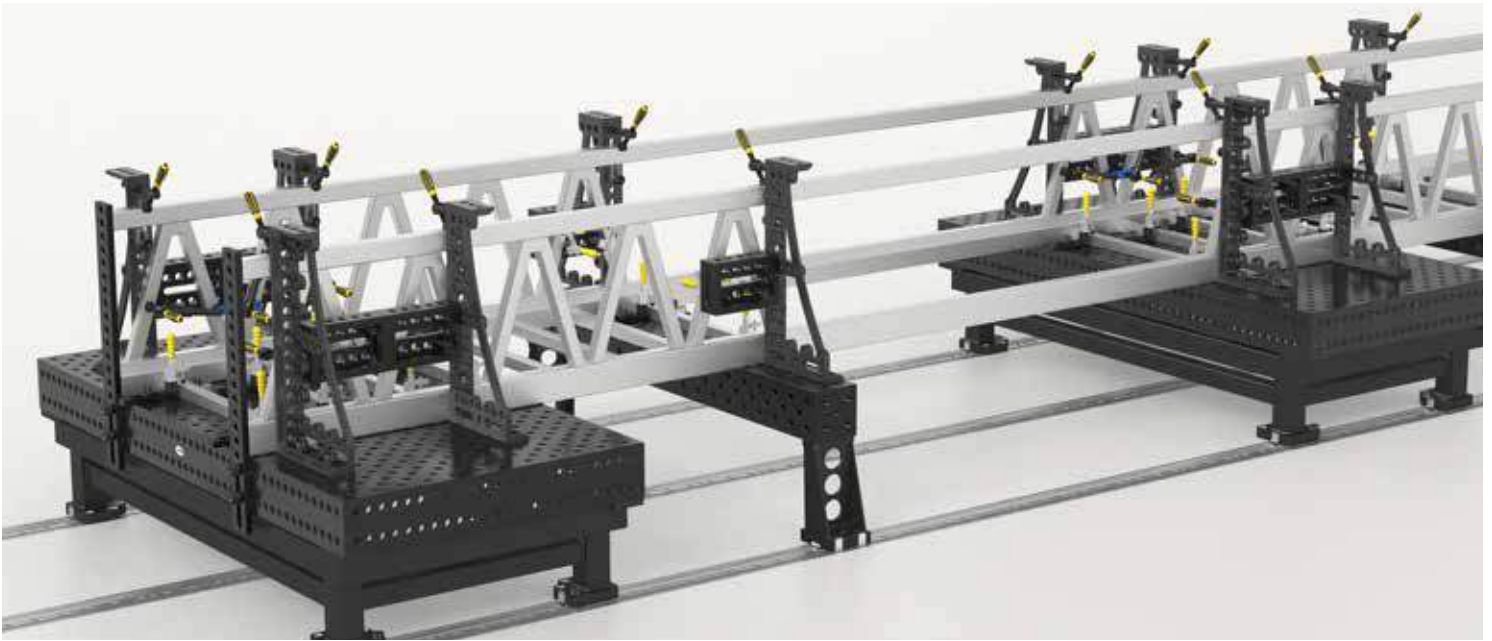
We highly recommend our installation professionals at Bernd Siegmund GmbH using state-of-the-art 3D measuring technique:

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

● = Installation possible
○ = Installation not possible

 **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 based on using two professional installers



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 based on using two professional installers



Ideal assembly length

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



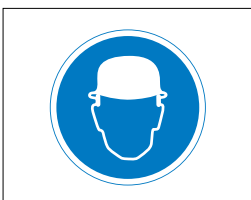
Standard Track Width

- 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 request



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.

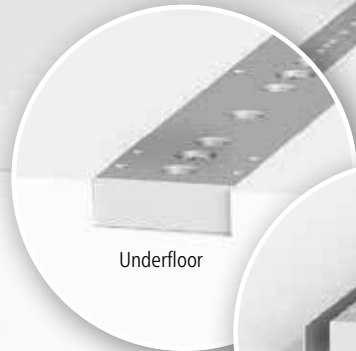
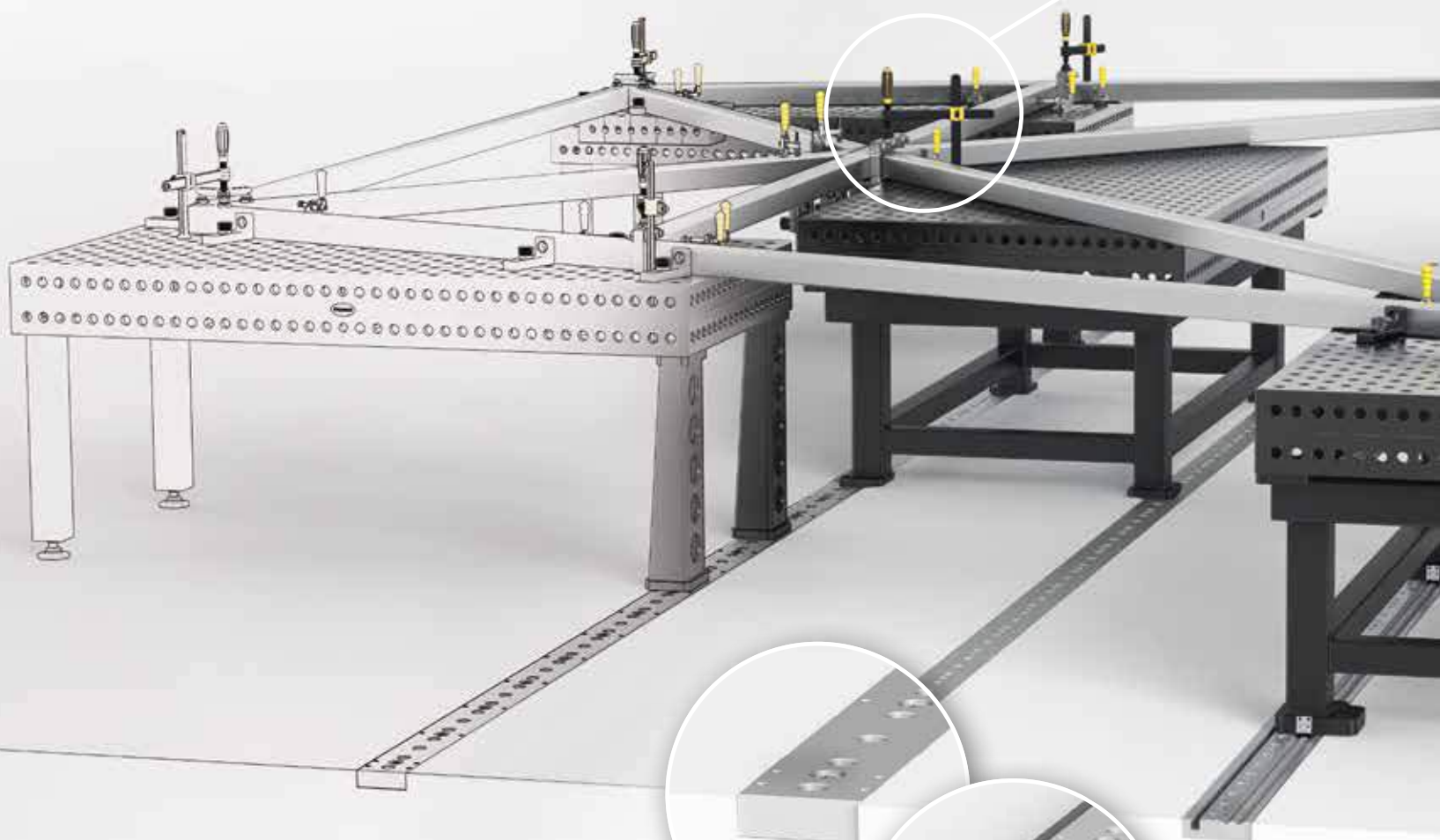


New dimensions

As flexible and mobile as you need it

To be always one step ahead your competitors in terms of flexibility and accuracy and to fulfil the increasing demands, we offer you various options to expand your field of work individually and flexibly and to adapt to your specific needs.

Thanks to the variety of the rail system, large products can be positioned, aligned and clamped very quickly. The combination of tables, connection frames and accessories (for example U-Squares) offers a multitude of fixtures. Through connection frames with integrated rolls and the fitting rail, tables and accessories can be moved easily and can be fixed in a 100 mm grid.



Underfloor



Above-floor

SUPPORT- AND FOUNDATION RAIL



www.siegmund.com/Vrailsystem



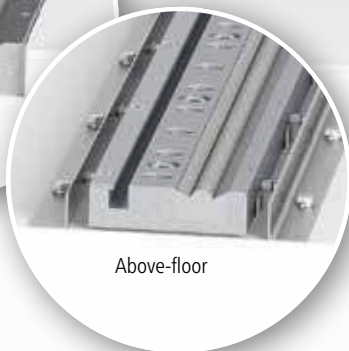
This two-part frame with a total size of 4,5 x 7,0 m can be welded with high accuracy. After dismantling for the transport it can be put together on site in high accuracy. Eventual mechanical processing can be spared.



SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL



Underfloor



Above-floor

FROM START TO FINISH – WE CAN PROVIDE SUPPORT



1. TEST
Checking the condition of the ground and creating a flatness protocol.



2. PLANNING
Using the latest CAD-Software, we work out your individual rail- and platformsystem.



3. PREPARATION
Cutting the track or milling when underfloor assembly.

A flat ground is necessary for all rail systems.



4. INSTALLATION
The assembly takes place on request by 3D metrology and qualified metrologists. When using a 3D laser the creating of a measurement protocol is also possible.



5. APPROVAL
Approval through customer after creating the measurement protocol.

6. GROUTING
In case of underfloor installation, the rails are grouted after approval.



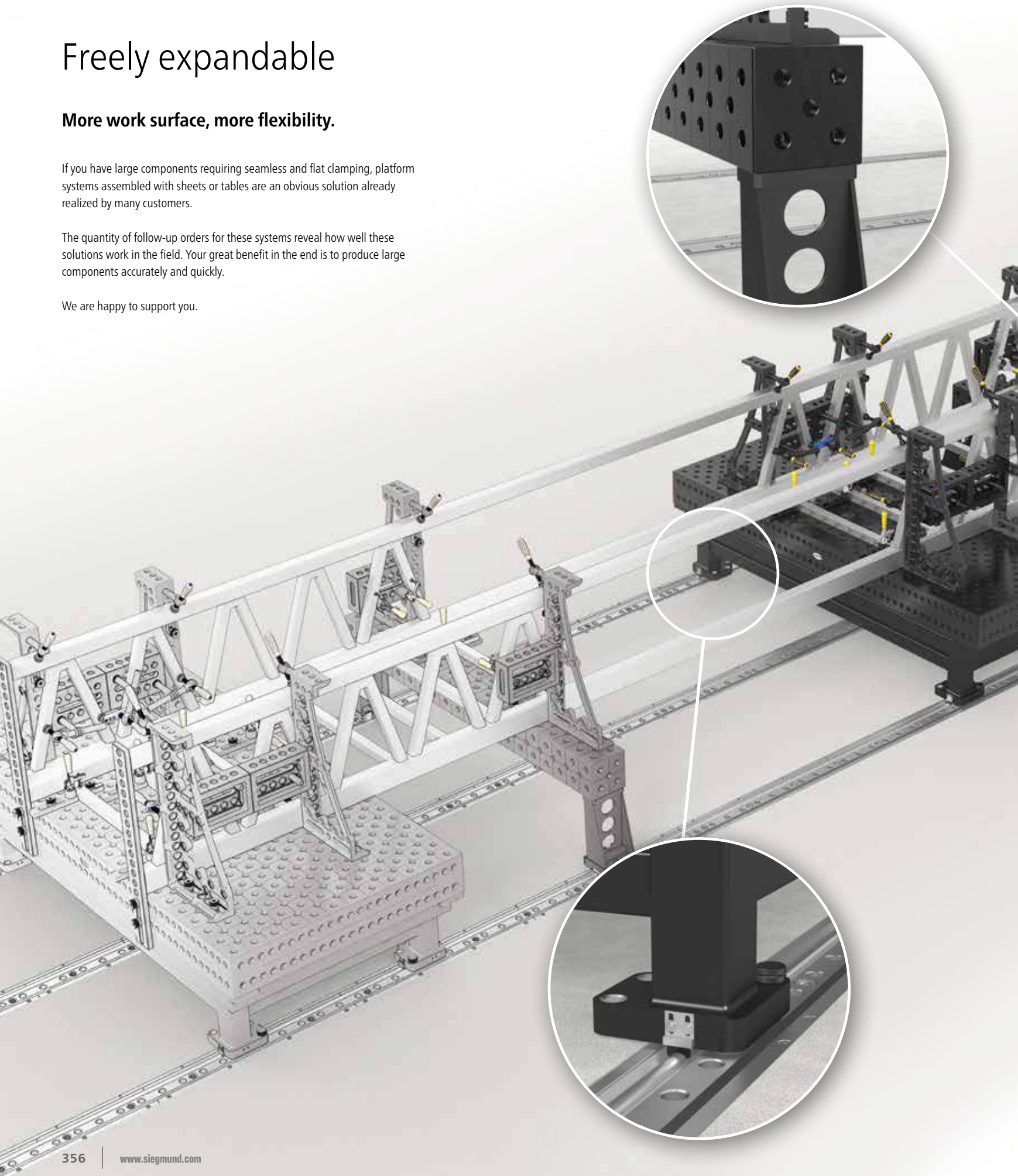
Freely expandable

More work surface, more flexibility.

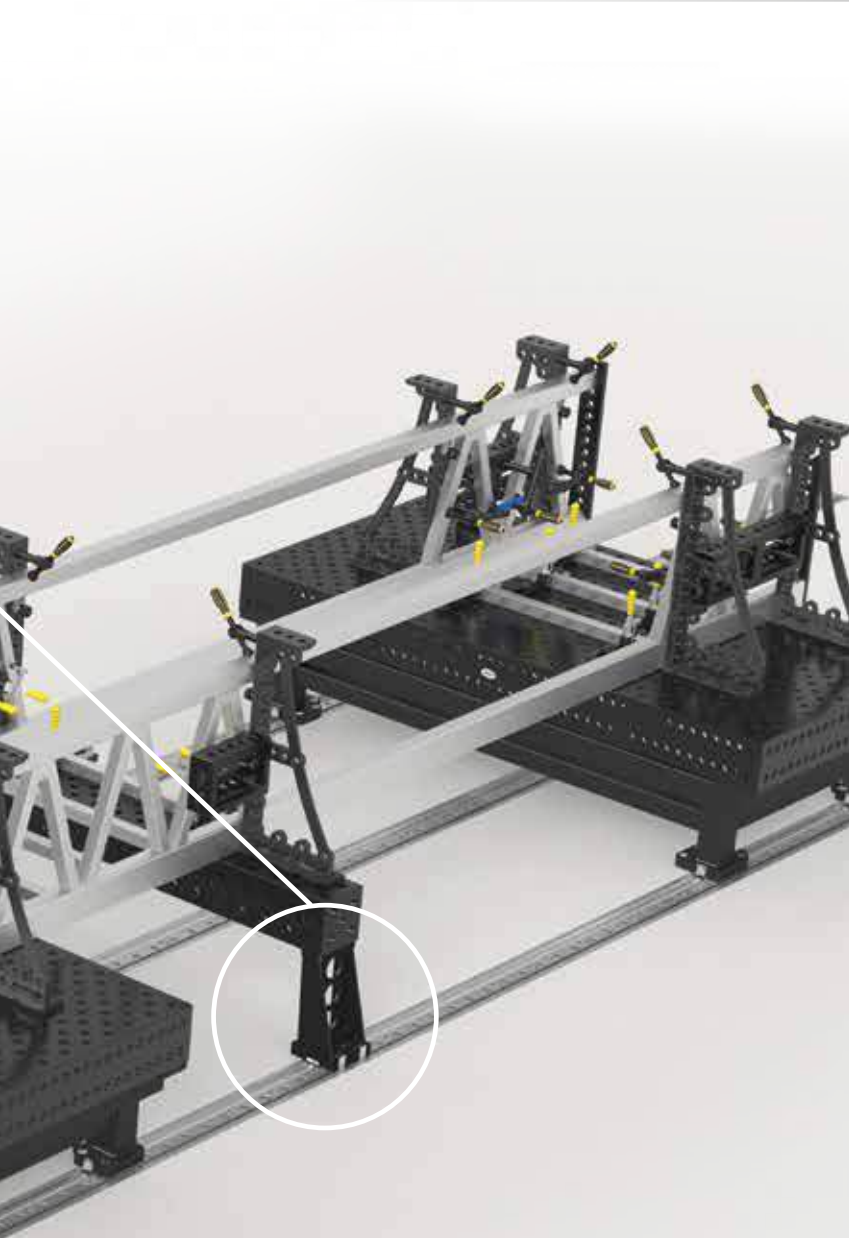
If you have large components requiring seamless and flat clamping, platform systems assembled with sheets or tables are an obvious solution already realized by many customers.

The quantity of follow-up orders for these systems reveal how well these solutions work in the field. Your great benefit in the end is to produce large components accurately and quickly.

We are happy to support you.

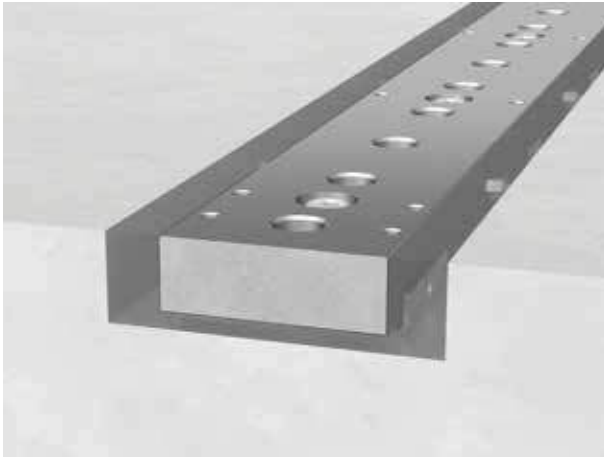


EXAMPLES FROM THE FIELD

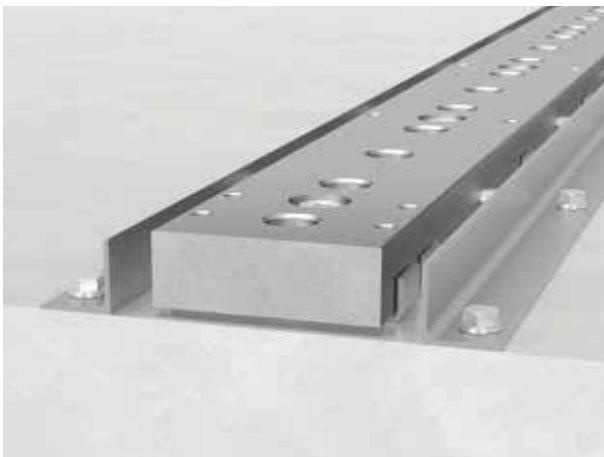


Support- and Foundation Rail Underfloor / Above-floor

A SUPPORT- AND FOUNDATION RAIL UNDERFLOOR



A 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.



A

280230

280231

280232

280233

280234

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Support- and Foundation Rail 1000	1000 mm	120 mm	40 mm	38,00 kg	2-280230 476.00 USD ○
Support- and Foundation Rail 2000	2000 mm	120 mm	40 mm	75,00 kg	2-280231 730.00 USD ●
Support- and Foundation Rail 3000	3000 mm	120 mm	40 mm	113,00 kg	2-280232 930.00 USD ●
Support- and Foundation Rail 4000	4000 mm	120 mm	40 mm	150,00 kg	2-280233 1,196.00 USD ●
Support- and Foundation Rail 5000	5000 mm	120 mm	40 mm	187,00 kg	2-280234 1,508.00 USD ○
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

Depending on the type of installation, further articles (such as grouting compound, L-profiles, additional screws and nuts) are required. We will gladly deliver these on request.



A

280235

280238.10

280239.10

	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Packing Plate for Support and Foundation Rail - for Support and Foundation Rail - 4 pieces / 1 m rail	129 mm	35 mm	23 mm		3 mm	0,13 kg	2-280235.4 18.00 USD ●
Cover cap / pack of 10 - 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 44.00 USD ●
Plastic Cap / pack of 10 - for Support and Foundation Rail - required with underfloor installation - 10 pieces / 1 m rail			17 mm	42 mm		0,08 kg	2-280239.10 12.00 USD ●

MS=Material thickness;

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

If installation is carried out by customer - spacer pins, long nuts with screws and dowels with screws - are not included in delivery.

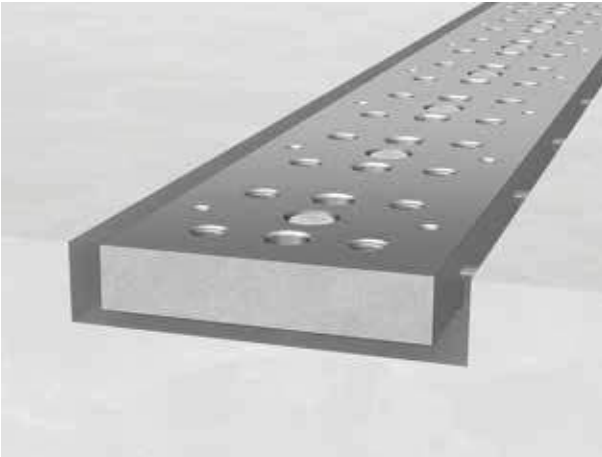
If installation is carried out by supplier, the above-mentioned parts are included in installation price.

Depending on the type of installation, further articles (such as grouting compound, L-profiles, additional screws and nuts) are required. We will gladly deliver these on request.

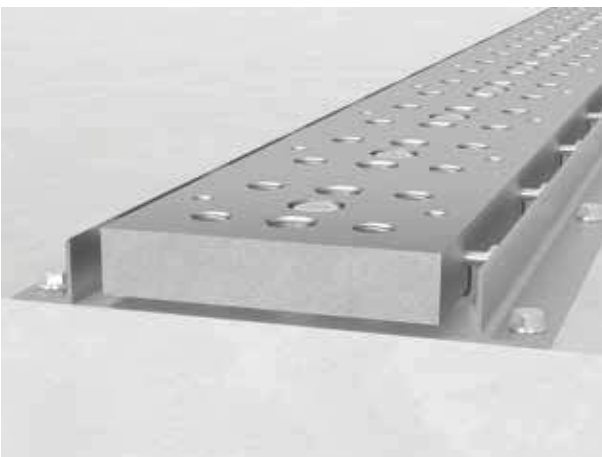


Support- and Foundation Rail XL Underfloor / Above-floor

B SUPPORT- AND FOUNDATION RAIL XL UNDERFLOOR



B SUPPORT- AND FOUNDATION RAIL XL ABOVE-FLOOR



Description:

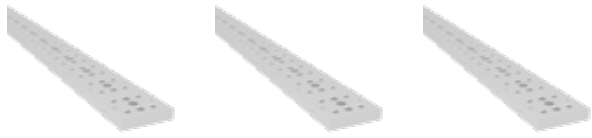
Support und Foundation Rail, suitable for setting up an extensive grid to work on large components.

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.



B

280231.2

280232.2

280233.2

	Length: (a)	Item No.
Support- and Foundation Rail XL 2000 - through-hardened tool steel	2000 mm	2-280231.2 ○
Support- and Foundation Rail XL 3000 - through-hardened tool steel	3000 mm	2-280232.2 ○
Support- and Foundation Rail XL 4000 - through-hardened tool steel	4000 mm	2-280233.2 ○
Additional sizes upon request		○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

Depending on the type of installation, further articles (such as grouting compound, L-profiles, additional screws and nuts) are required. We will gladly deliver these on request.



B

280235.3.5

280238.10

280239.10

280238.3.20

	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Packing Plate for Support and Foundation Rail XL - for Support and Foundation Rail XL - 5 pieces / 1 m rail			3 mm		2-280235.3.5 ○
Cover cap / pack of 10 - 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 ● 44.00 USD
Plastic Cap / pack of 10 - for Support and Foundation Rail - required with underfloor installation - 10 pieces / 1 m rail	17 mm	42 mm		0,08 kg	2-280239.10 ● 12.00 USD
Cover cap for M24 / pack of 20 - for Support and Foundation Rail XL - protects drill holes from dirt - 20 pieces / 1 m rail	10 mm	25 mm		0,03 kg	2-280238.3.20 ○

MS=Material thickness;

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

If installation is carried out by customer - spacer pins, long nuts with screws and dowels with screws - are not included in delivery.

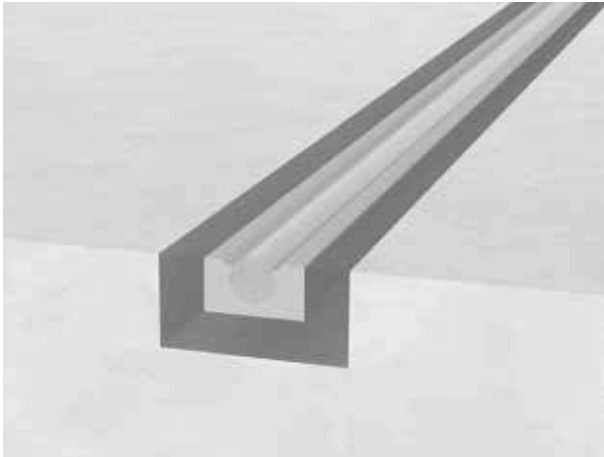
If installation is carried out by supplier, the above-mentioned parts are included in installation price.

Depending on the type of installation, further articles (such as grouting compound, L-profiles, additional screws and nuts) are required. We will gladly deliver these on request.



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.



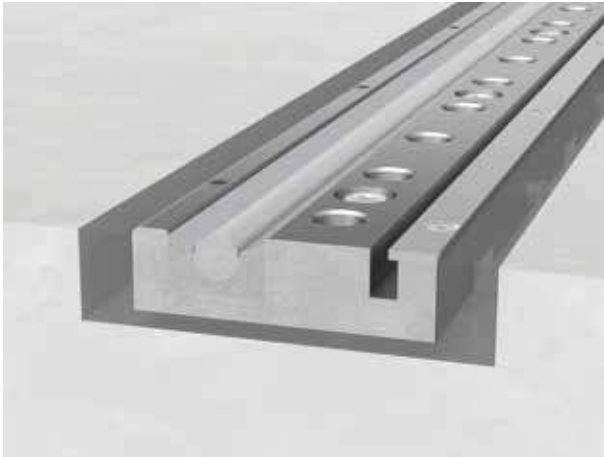
	Weight:	Item No.
Round Rail 25 - price per meter	6,00 kg	2-280240 218.00 USD ○
Cartridge Roller for Round Rail 25	1,14 kg	2-280245 424.00 USD ○
Mounting device based on effort		○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

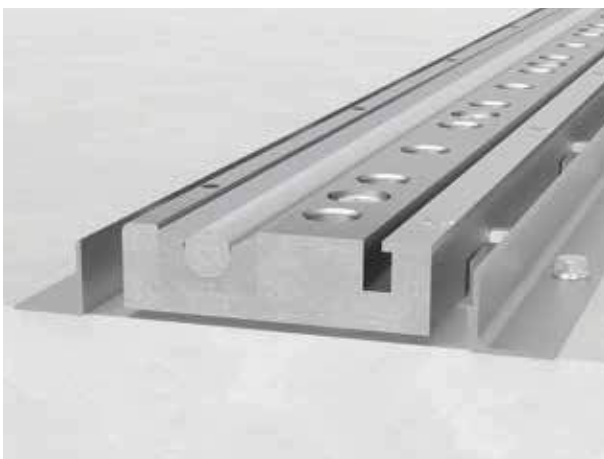


Support- and Foundation Rail with integrated round rail

D SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL UNDERFLOOR



D SUPPORT- AND FOUNDATION RAIL WITH INTEGRATED ROUND RAIL ABOVE-FLOOR



Description:

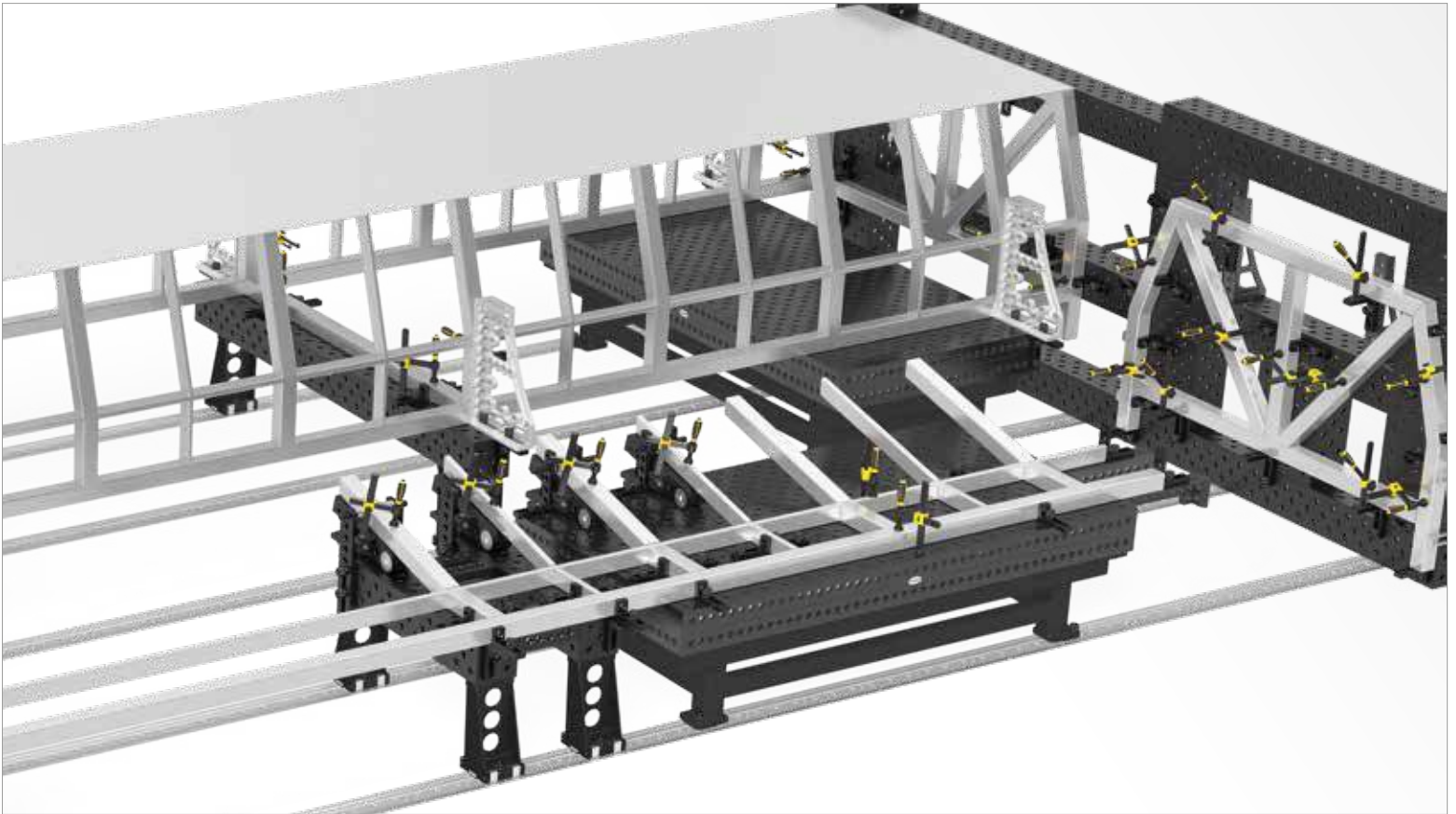
Support and Foundation Rail with integrated round rail is especially suitable for setting up an extensive grid to work on large components.

The connecting frame with rotating rim can be positioned quickly and infinitely on the annealed and smoothed round rail. The frame can be spaded 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.

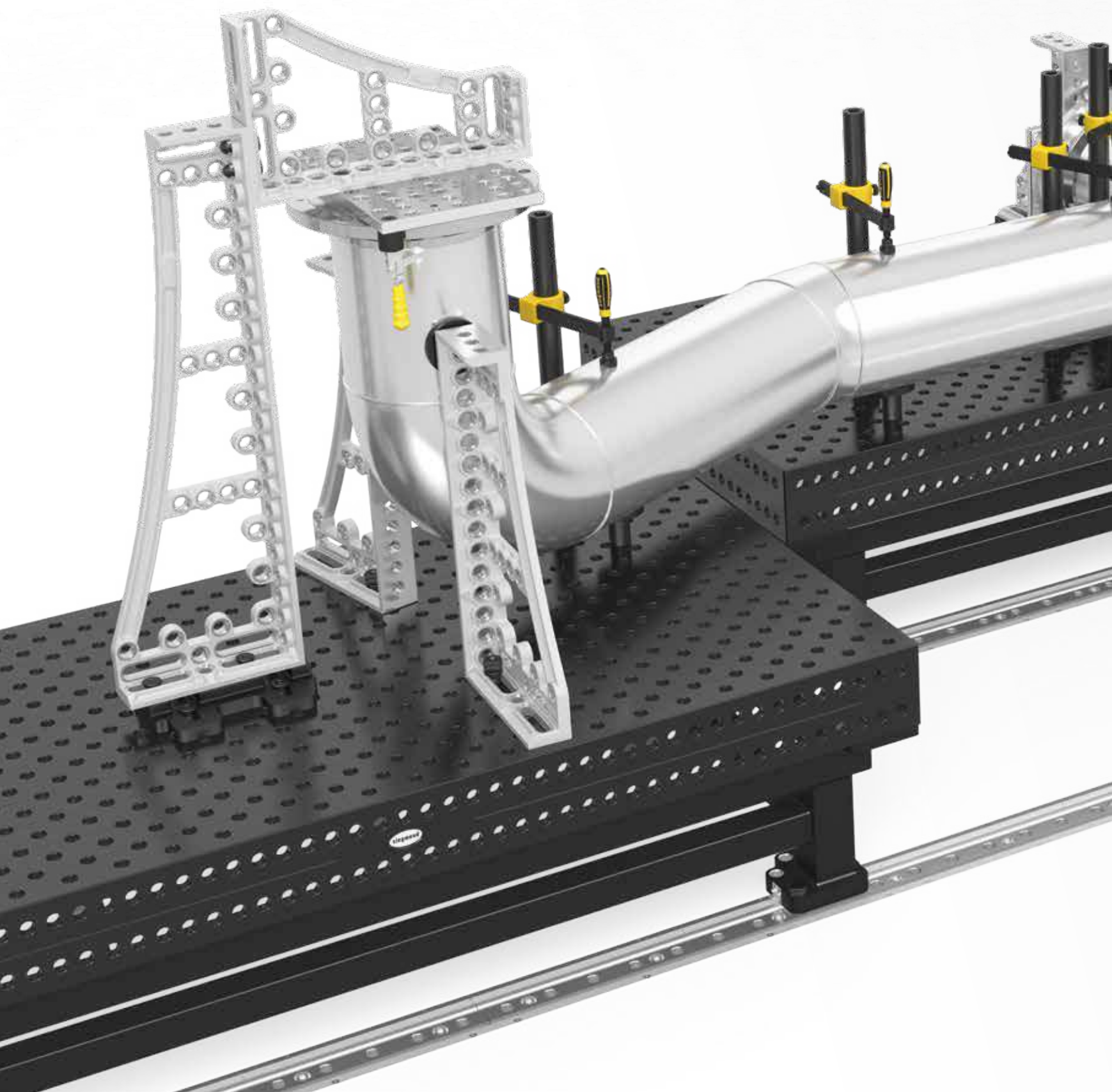
Special sizes upon request.

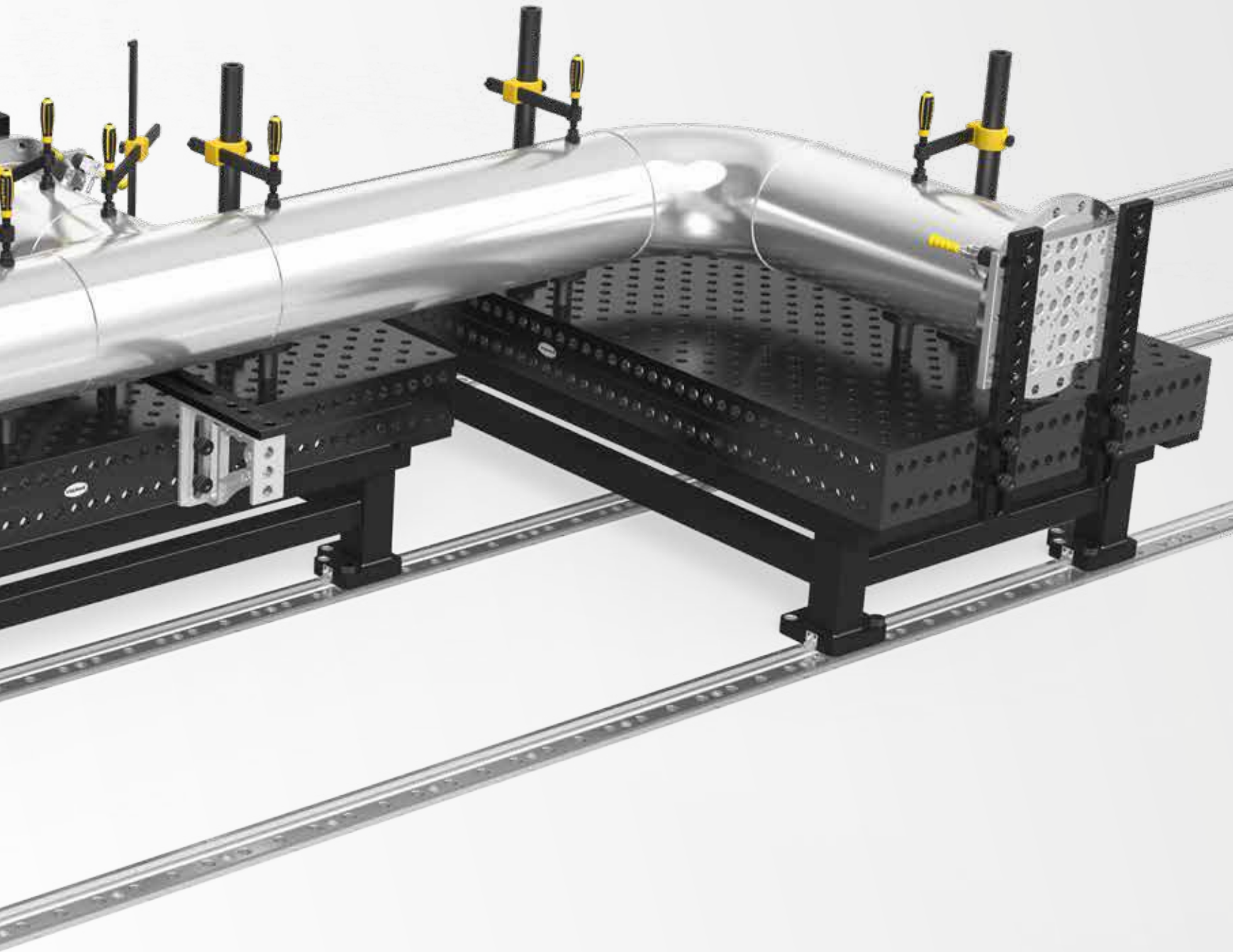


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Support- and Foundation Rail 3000 - with integrated round rail	3000 mm	160 mm	40 mm	120,00 kg	2-280232.1.T1 1,942.00 USD ○
Support- and Foundation Rail 4000 - with integrated round rail	4000 mm	160 mm	40 mm	160,00 kg	2-280233.1.T1 2,720.00 USD ○
Stopper for rail end - upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





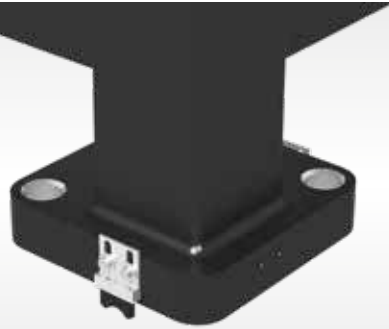


Connecting frame overview



	CONNECTING FRAME BASIC	CONNECTING FRAME WITH CARTRIDGE ROLLER
FOR RAIL	FOR RAIL OPTION A / B / D A = Support- and Foundation Rail B = Support- and Foundation Rail XL D = Support- and Foundation Rail with integrated round rail	FOR RAIL OPTION C C = Round Rail
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	Locking Lever only in connection with Support- and Foundation Rail underfloor (A)
STYLES	see page 371	see page 373

H



**CONNECTING FRAME
WITH ROTATING RIM**

FOR RAIL OPTION D

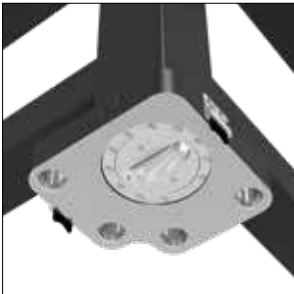
D = Support- and Foundation Rail with integrated round rail

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

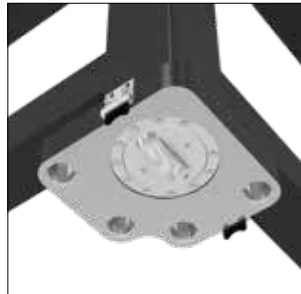
4x Positioning Bolt 280541
per Connecting Frame

see page 373

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.

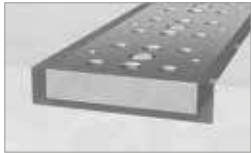
The base plate is used without foundation rails.

<- (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 (A)



CONNECTING FRAME (E) FOR
SUPPORT- AND FOUNDATION RAIL XL (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.
Connecting Frame - for Work Table 280010 - Table size 1000x1000x200	1100 mm	1100 mm	650 mm		1000 mm	1000 mm	94,00 kg	2-280881 2,238.00 USD ○
Connecting Frame - for Work Table 280025 - Table size 1200x800x200	1170 mm	800 mm	650 mm		1000 mm	700 mm	91,00 kg	2-280891 2,238.00 USD ○
Connecting Frame - for Work Table 280015 - Table size 1200x1200x200	1190 mm	1190 mm	650 mm		1000 mm	1000 mm	106,00 kg	2-280882 2,530.00 USD ○
Connecting Frame - for Work Table 280035 - Table size 1500x1000x200	1600 mm	1100 mm	650 mm		1500 mm	1000 mm	114,00 kg	2-280885 2,390.00 USD ○
Connecting Frame - for Work Table 280050 - Table size 1500x1500x200	1580 mm	1490 mm	650 mm		1500 mm	1000 mm	125,00 kg	2-280887 2,558.00 USD ○
Connecting Frame - for Work Table 280020 - Table size 2000x1000x200	2100 mm	1100 mm	650 mm		2000 mm	1000 mm	138,00 kg	2-280883 2,580.00 USD ○
Connecting Frame - for Work Table 280060 - Table size 2000x1200x200	2100 mm	1200 mm	650 mm		2000 mm	1000 mm	150,00 kg	2-280893 2,678.00 USD ○
Connecting Frame - for Work Table 280045 - Table size 2000x2000x200	2100 mm	2100 mm	650 mm		2000 mm	2000 mm	164,00 kg	2-280889 3,230.00 USD ○
Connecting Frame - for Work Table 280030 - Table size 2400x1200x200	2380 mm	1180 mm	650 mm		2000 mm	1000 mm	150,00 kg	2-280884 2,720.00 USD ○
Connecting Frame - for Work Table 280040 - Table size 3000x1500x200	3090 mm	1590 mm	650 mm		3000 mm	1500 mm	231,00 kg	2-280886 3,400.00 USD ○
Connecting Frame - for Work Table 280055 - Table size 4000x2000x200	4050 mm	2060 mm	650 mm		4000 mm	2000 mm	305,00 kg	2-280888 4,590.00 USD ○
Additional sizes upon request								○
Base Plate - 50 mm vernier adjustment - M24x1.5 thread for vernier adjustment - for connecting frame			130 mm	90 mm			1,00 kg	2-280855.X 60.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Surcharges can be incurred for deviations from standard.



Connecting Frame with Cartridge Roller / with rotating rim

G CONNECTING FRAME WITH CARTRIDGE ROLLER



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

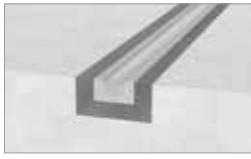
The connecting frame with rotation rim is used in combination with the support and foundation rail with integrated round rail.

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.

H CONNECTING FRAME WITH ROTATING RIM





**CONNECTING FRAME (G) FOR
ROUND RAIL (C)**



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

G

	Caster:	Length: (a)	Width: (b)	Height: (c)	Length: (a1)	Width: (b1)	Weight:	Item No.
Connecting Frame with Cartridge Roller - for Work Table 280020 - Table size 2000x1000x200	4	2100 mm	1100 mm	650 mm	2000 mm	1000 mm	138,00 kg	2-280883.2 4,670.00 USD ○
Connecting Frame with Cartridge Roller - for Work Table 280030 - Table size 2400x1200x200	4	2380 mm	1180 mm	650 mm	2000 mm	1000 mm	150,00 kg	2-280884.2 4,800.00 USD ○
Connecting Frame with Cartridge Roller - for Work Table 280040 - Table size 3000x1500x200	6	3090 mm	1590 mm	650 mm	3000 mm	1500 mm	231,00 kg	2-280886.2 6,230.00 USD ○
Additional sizes upon request								○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Surcharges can be incurred for deviations from standard.

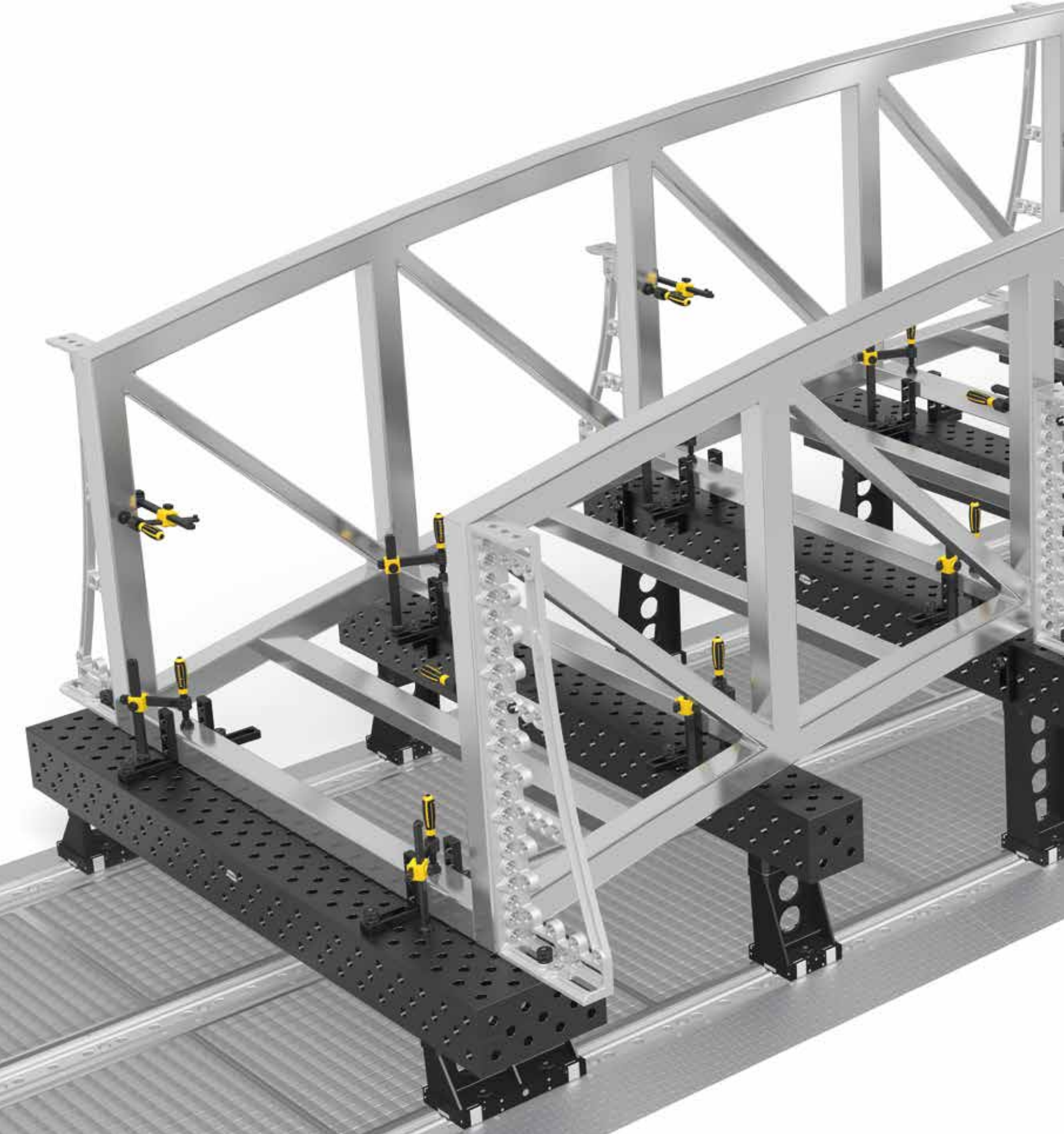
H

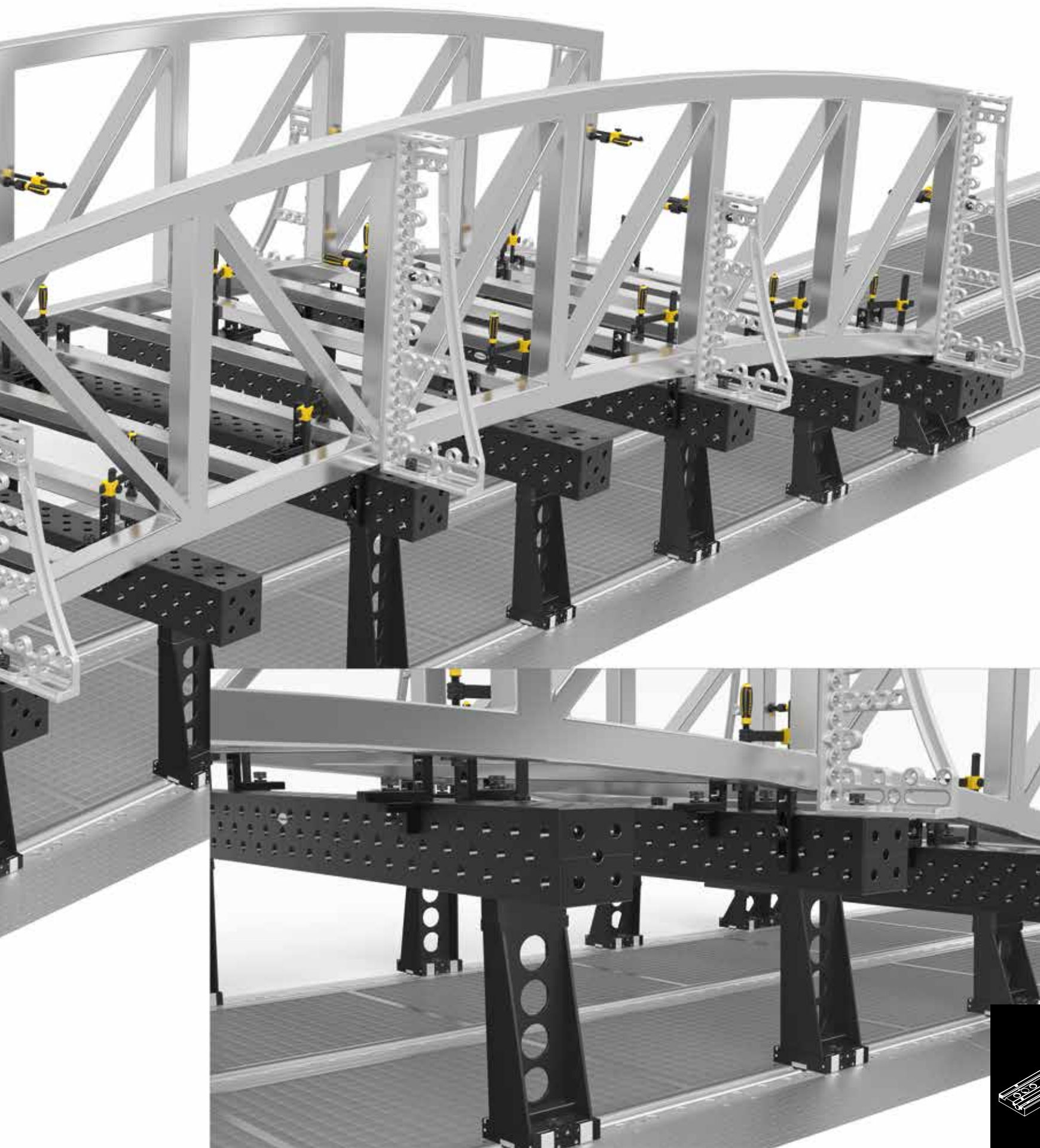
	Caster:	Length: (a)	Width: (b)	Height: (c)	Length: (a1)	Width: (b1)	Weight:	Item No.
Connecting Frame with rotating rim - for Work Table 280020 - Table size 2000x1000x200	4	2100 mm	1100 mm	650 mm	2000 mm	1000 mm	138,00 kg	2-280883.3 3,890.00 USD ○
Connecting Frame with rotating rim - for Work Table 280030 - Table size 2400x1200x200	4	2380 mm	1180 mm	650 mm	2000 mm	1000 mm	150,00 kg	2-280884.3 4,018.00 USD ○
Connecting Frame with rotating rim - for Work Table 280040 - Table size 3000x1500x200	6	3090 mm	1590 mm	650 mm	3000 mm	1500 mm	231,00 kg	2-280886.3 5,378.00 USD ○
Additional sizes upon request								○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Surcharges can be incurred for deviations from standard.



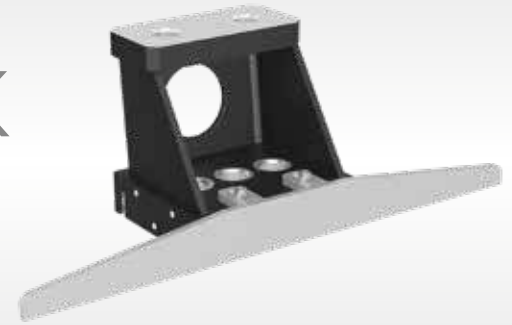




Leg for U-Square overview



K



**LEG FOR U-SQUARE
BASIC**

**LEG FOR U-SQUARE
WITH CASTER**

FOR RAIL

FOR RAIL OPTION A / B / D

**FOR RAIL OPTION A
ABOVE-FLOOR**

A = Support- and Foundation Rail
B = Support- and Foundation Rail XL
D = Support- and Foundation Rail with integrated round rail

A = Support- and Foundation Rail Above-floor

TILT PROTECTION

without tilt protection*1
simple positioning is not permitted

incl. Tilt Protection*2

BEARING LOAD

2 metric tons per leg

maximum statistical load per leg 2 metric tons

**FIXATION /
STAKING OUT**

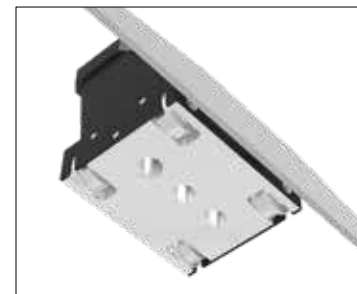
2x Clamping Bolt
e.g. 280510 per leg for U-Square standard

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

STYLES

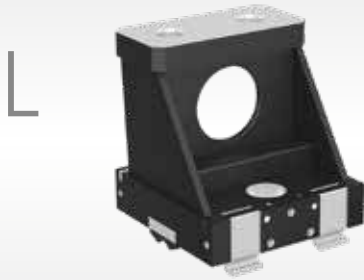
see page 379

see page 381



*1 Protection by crane or other lifting equipment required when moving.

*2 Tilt protection designed by moving without extra load. Maximum design height 850 mm.



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

FOR RAIL OPTION D

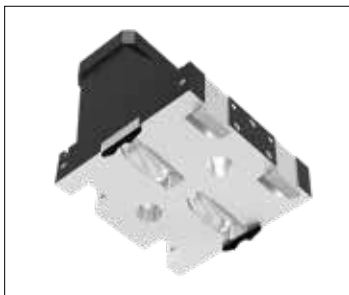
D = Support- and Foundation Rail with integrated round rail

incl. Tilt Protection*2

maximum statistical load per leg 2 metric tons

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

see page 383



Leg for U-Square Basic

LEG FOR U-SQUARE BASIC 190



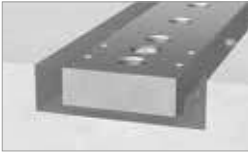
Description:

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 BASIC 390





LEG FOR U-SQUARE (I) FOR
SUPPORT- AND FOUNDATION RAIL (A)



LEG FOR U-SQUARE (I) FOR
SUPPORT- AND FOUNDATION RAIL XL (B)



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



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Leg basic 190x200 - for Square U-shape	190 mm	130 mm	200 mm		10,30 kg	2-280371 518.00 USD ○
Leg basic 190x300 - for Square U-shape	190 mm	130 mm	300 mm		12,10 kg	2-280371.1 550.00 USD ○
Leg basic 190x400 - for Square U-shape	190 mm	130 mm	400 mm		13,90 kg	2-280371.2 598.00 USD ○
Leg basic 190x500 - for Square U-shape	190 mm	130 mm	500 mm		15,70 kg	2-280371.3 640.00 USD ○
Leg basic 190x650 - for Square U-shape	190 mm	130 mm	650 mm		18,60 kg	2-280371.4 690.00 USD ○
Spacer 50 mm - for Square U-shape	190 mm	100 mm	50 mm	28 mm	6,70 kg	2-280373 72.00 USD ○
Leg basic 390x200 - for Square U-shape	390 mm	130 mm	200 mm		20,40 kg	2-280371.6 878.00 USD ○
Leg basic 390x300 - for Square U-shape	390 mm	130 mm	300 mm		23,70 kg	2-280371.7 938.00 USD ○
Leg basic 390x400 - for Square U-shape	390 mm	130 mm	400 mm		27,10 kg	2-280371.8 1,010.00 USD ○
Leg basic 390x500 - for Square U-shape	390 mm	130 mm	500 mm		30,40 kg	2-280371.9 1,078.00 USD ○
Leg basic 390x650 - for Square U-shape	390 mm	130 mm	650 mm		35,60 kg	2-280371.10 1,138.00 USD ○
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Leg for U-Square with caster

K LEG FOR U-SQUARE WITH CASTER 198



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.

Legs with casters for U-squares facilitate flexible positioning of Siegmund tables on the support and foundation rail above floor (A). Compatible tables by request.

K LEG FOR U-SQUARE WITH CASTER 398





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



K

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg with Caster 198x200 - for Square U-shape	198 mm	175 mm	200 mm	17,00 kg	2-28002756 1,220.00 USD ○
Leg with Caster 198x300 - for Square U-shape	198 mm	175 mm	300 mm	19,10 kg	2-28002757 1,278.00 USD ○
Leg with Caster 198x400 - for Square U-shape	198 mm	175 mm	400 mm	21,20 kg	2-28002758 1,276.00 USD ○
Leg with Caster 198x500 - for Square U-shape	198 mm	175 mm	500 mm	23,30 kg	2-28002759 1,340.00 USD ○
Leg with Caster 198x650 - for Square U-shape	198 mm	175 mm	650 mm	26,50 kg	2-28002760 1,458.00 USD ○
Leg with Caster 398x200 - for Square U-shape	398 mm	175 mm	200 mm	33,60 kg	2-28004134 1,358.00 USD ○
Leg with Caster 398x300 - for Square U-shape	398 mm	175 mm	300 mm	37,20 kg	2-28004257 1,420.00 USD ○
Leg with Caster 398x400 - for Square U-shape	398 mm	175 mm	400 mm	40,90 kg	2-28004135 1,490.00 USD ○
Leg with Caster 398x500 - for Square U-shape	398 mm	175 mm	500 mm	44,60 kg	2-28004258 1,550.00 USD ○
Leg with Caster 398x650 - for Square U-shape	398 mm	175 mm	650 mm	50,40 kg	2-28004136 1,620.00 USD ○
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Leg for U-Square with inserted Roller

L LEG FOR U-SQUARE WITH INSERTED ROLLER 190



Description:

Leg for U-shape square with inserted roller connects the square with the support and foundation rail with integrated round rail. Due to the caster 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.

L LEG FOR U-SQUARE WITH INSERTED ROLLER 390





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

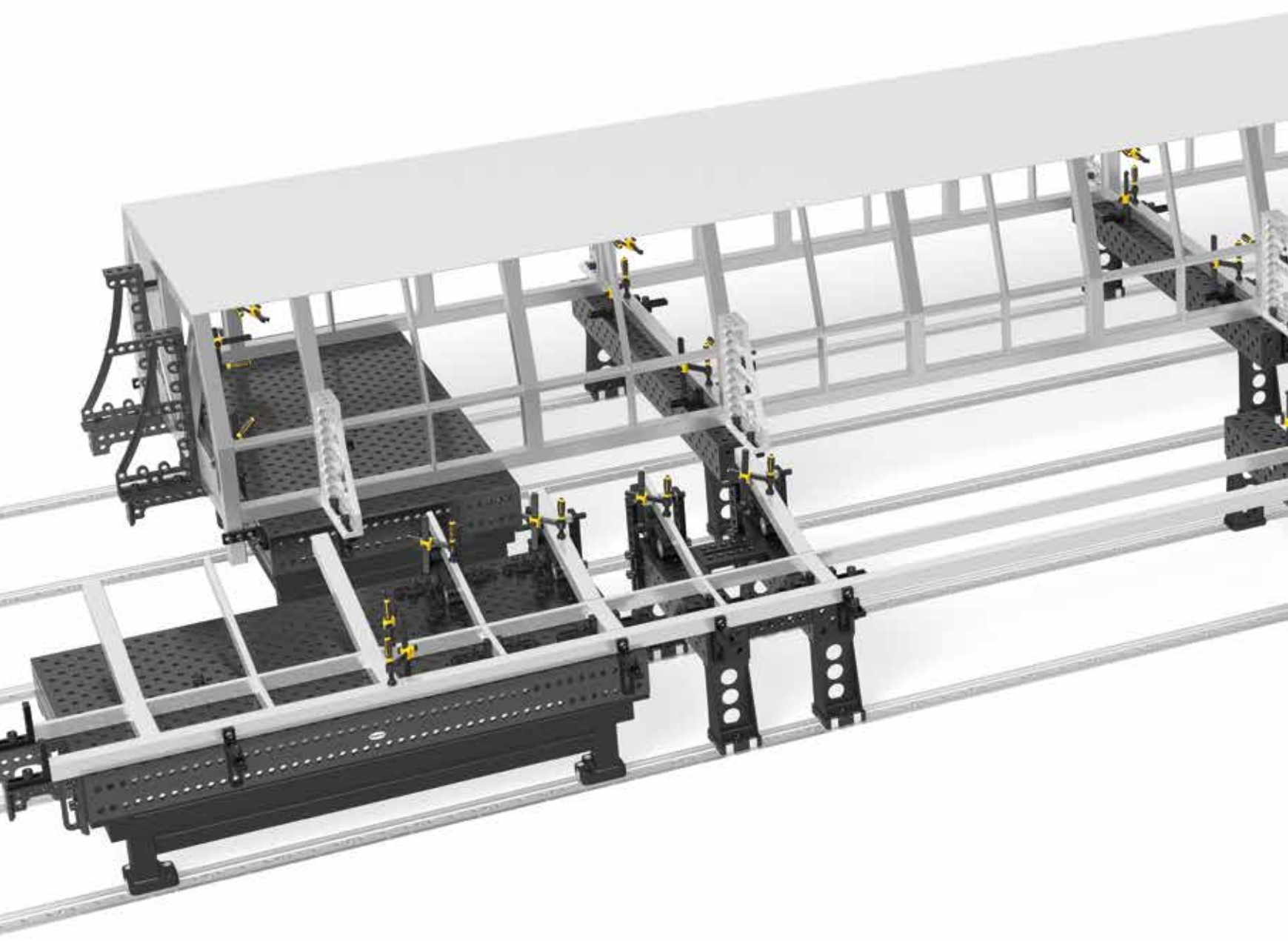


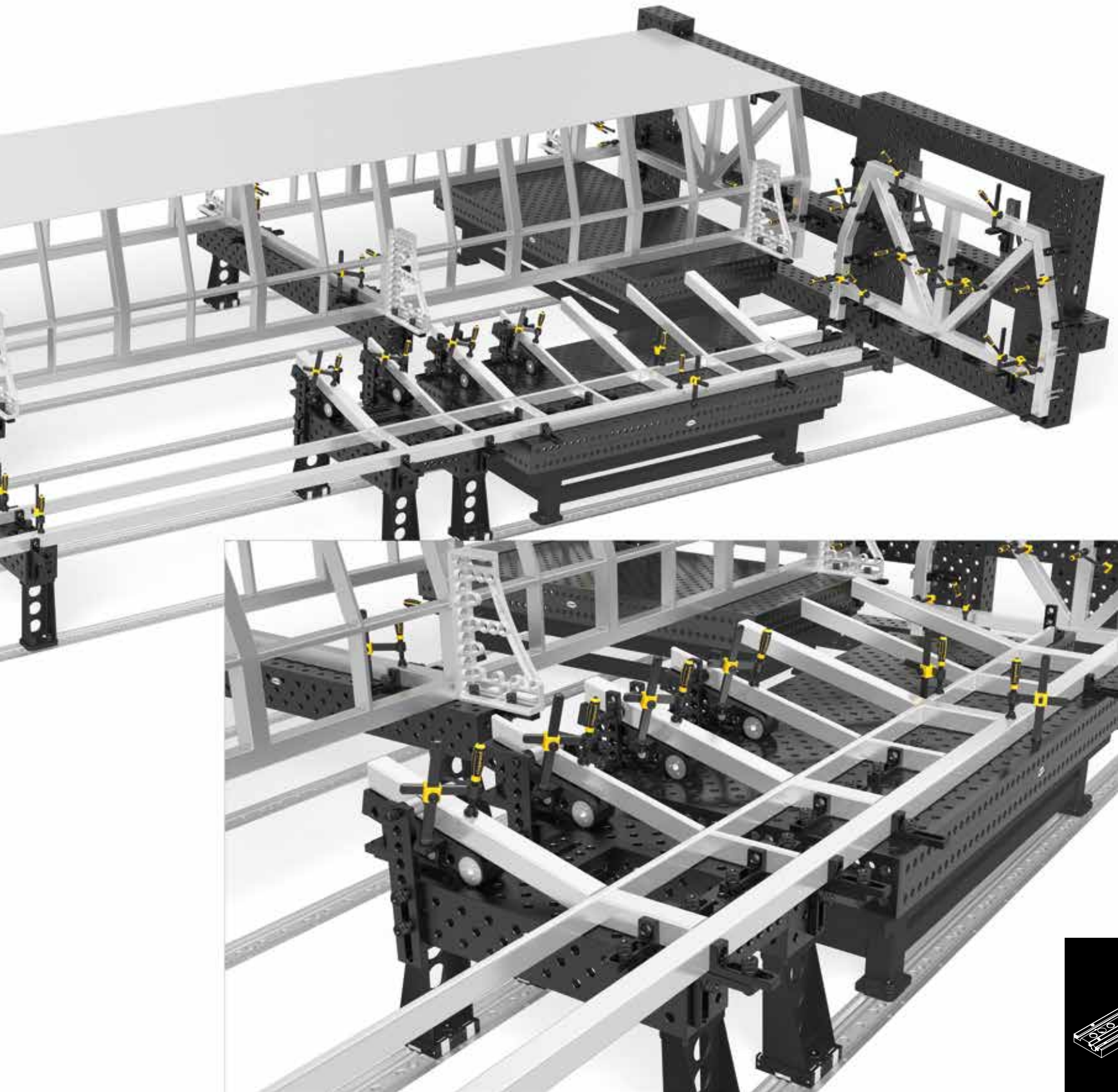
L

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg with inserted roller 190x200 - for Square U-shape	190 mm	186 mm	200 mm	15,30 kg	2-280372 1,220.00 USD ○
Leg with inserted roller 190x300 - for Square U-shape	190 mm	186 mm	300 mm	17,40 kg	2-280372.1 1,278.00 USD ○
Leg with inserted roller 190x400 - for Square U-shape	190 mm	186 mm	400 mm	19,40 kg	2-280372.2 1,276.00 USD ○
Leg with inserted roller 190x500 - for Square U-shape	190 mm	186 mm	500 mm	21,50 kg	2-280372.3 1,340.00 USD ○
Leg with inserted roller 190x650 - for Square U-shape	190 mm	186 mm	650 mm	24,70 kg	2-280372.4 1,458.00 USD ○
Leg with inserted roller 390x200 - for Square U-shape	390 mm	186 mm	200 mm	32,30 kg	2-280372.6 1,358.00 USD ○
Leg with inserted roller 390x300 - for Square U-shape	390 mm	186 mm	300 mm	35,90 kg	2-280372.7 1,420.00 USD ○
Leg with inserted roller 390x400 - for Square U-shape	390 mm	186 mm	400 mm	39,50 kg	2-280372.8 1,490.00 USD ○
Leg with inserted roller 390x500 - for Square U-shape	390 mm	186 mm	500 mm	43,10 kg	2-280372.9 1,550.00 USD ○
Leg with inserted roller 390x650 - for Square U-shape	390 mm	186 mm	650 mm	48,90 kg	2-280372.10 1,620.00 USD ○
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84













A B C D



OPTIONS	SUPPORT- AND FOUNDATION RAIL		SUPPORT- AND FOUNDATION RAIL XL	ROUND RAIL	SUPPORT- AND FOUNDATION RAIL
	UNDERFLOOR	ABOVE-FLOOR	UNDERFLOOR + ABOVE-FLOOR	(recommended in connection with Support- and Foundation Rail underfloor or above-floor)	WITH INTEGRATED ROUND RAIL
E 	●	●	●	○	●
G 	○	○	○	●	○
H 	○	○	○	○	●
I 	●	●	●	○	●
K 	○	●	○	○	○
L 	○	○	○	○	●

● = 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**

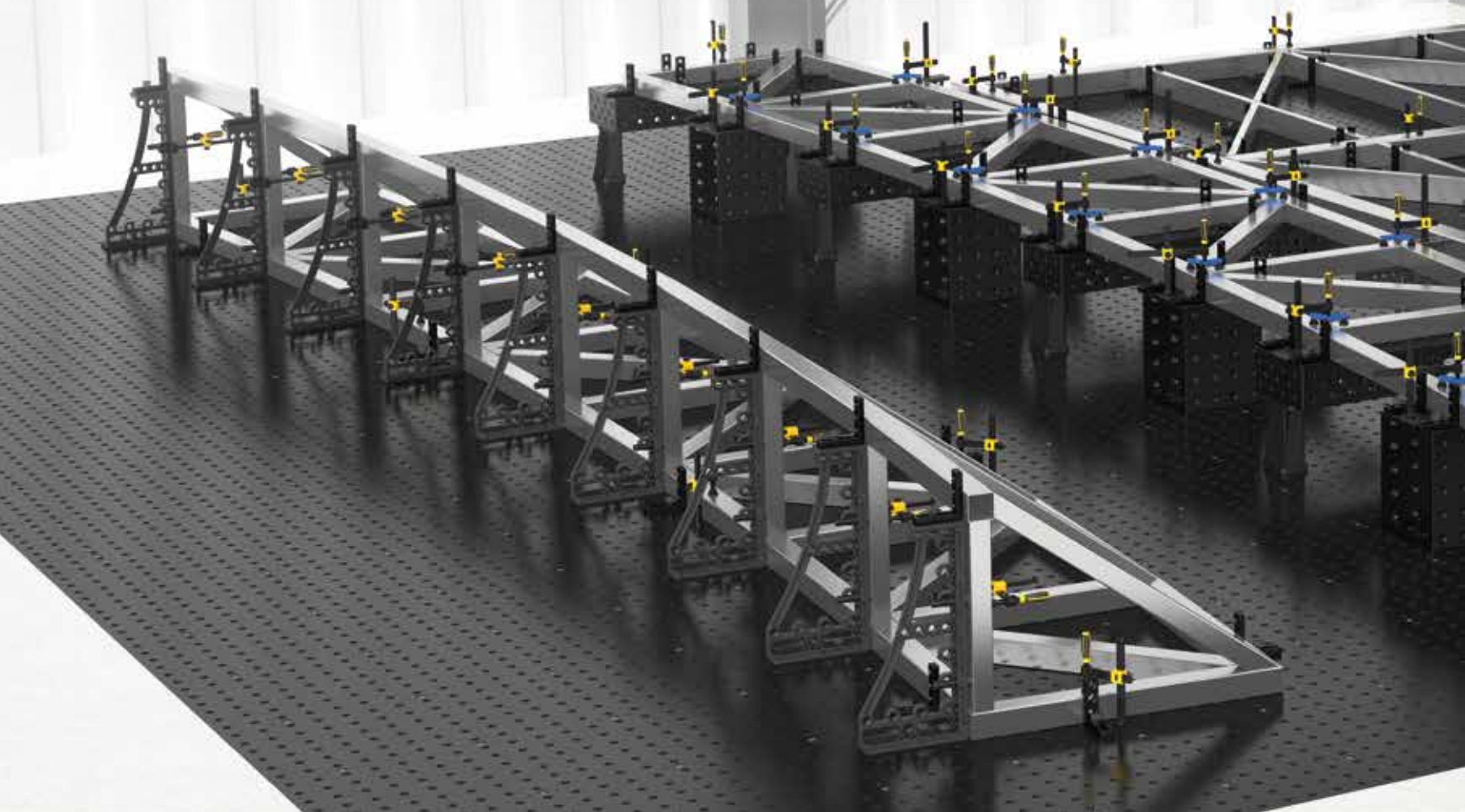
> **We look forward to help you
materialize your project!**



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



TABLE WITH LEGS ABOVE-FLOOR

TABLES WITH ADJUSTABLE LEGS ABOVE-FLOOR

INSTALLATION OPTIONS

Above-floor

Above-floor

ADVANTAGES

- structured workspace with many clamping options
- precise positioning of clamping elements
- easy to expand with system tables

- structured workspace with many clamping options
- precise positioning of clamping elements
- sturdy table legs are adjustable from above
- table legs can be anchored to the floor (special construction)

RECOMMENDATION TABLE SIZE/PANEL SIZE

2,000x1,000 mm up to 4,000x2,000 mm

2,000x1,000 mm up to 4,000x2,000 mm

HEIGHT

table side height 100-200 mm

table side height 100-200 mm

PLATFORM HEIGHT

table side height + table leg height 100-800 mm + adjustment range

table side height + adjustment range 50-100 mm

CLAMPING ELEMENTS

all Siegmund clamping elements

all Siegmund clamping elements

GRID

100 mm grid or special equipment see page 399

100 mm grid or special equipment see page 399

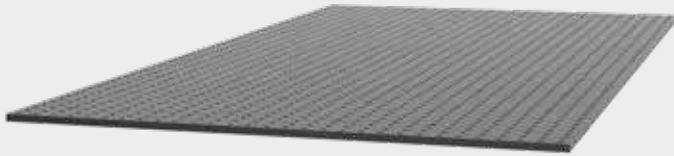
STYLES

see page 398

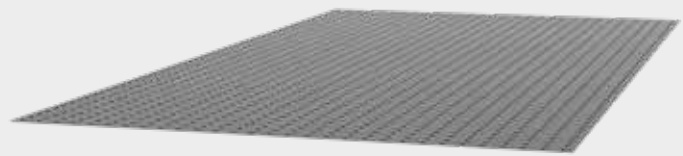
see page 398

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 40 mm

floor panel thickness + adjustment range 0-40 mm

all Siegmund clamping elements

100 mm grid or
special equipment see page 401

see page 400

**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 high stability

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

floor panel thickness \geq 40 mm

ground-level

all Siegmund clamping elements

100 mm grid or
special equipment see page 401

see page 400

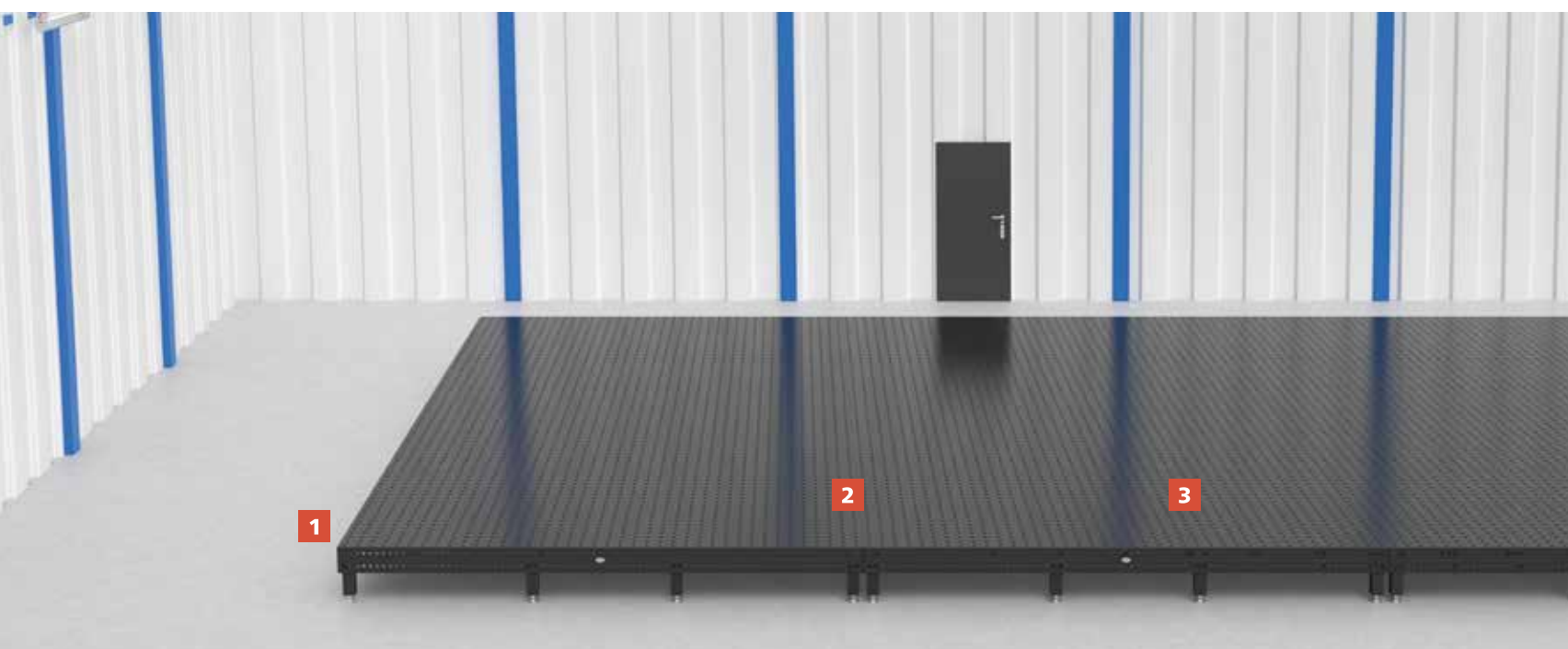


Comparison Platform Systems



A

TABLES
ABOVE-FLOOR



A

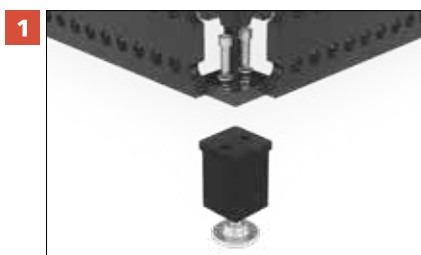


TABLE LEGS

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.

A

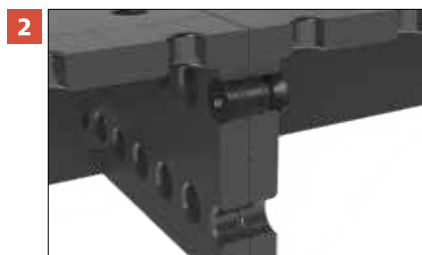
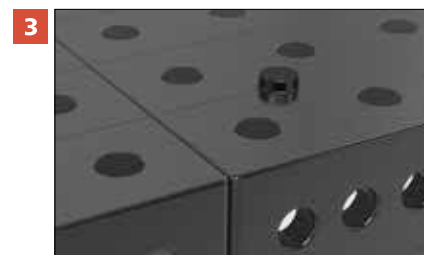


TABLE CONNECTION

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

A+B

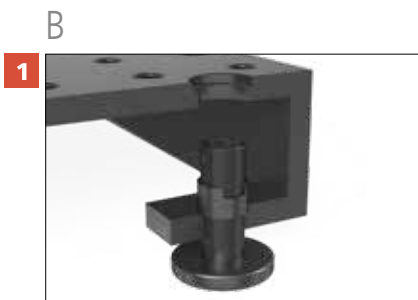


COVER CAPS TOP

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



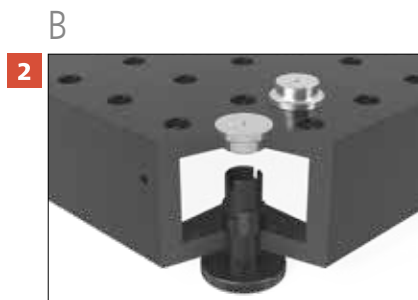
B TABLES
ABOVE-FLOOR



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

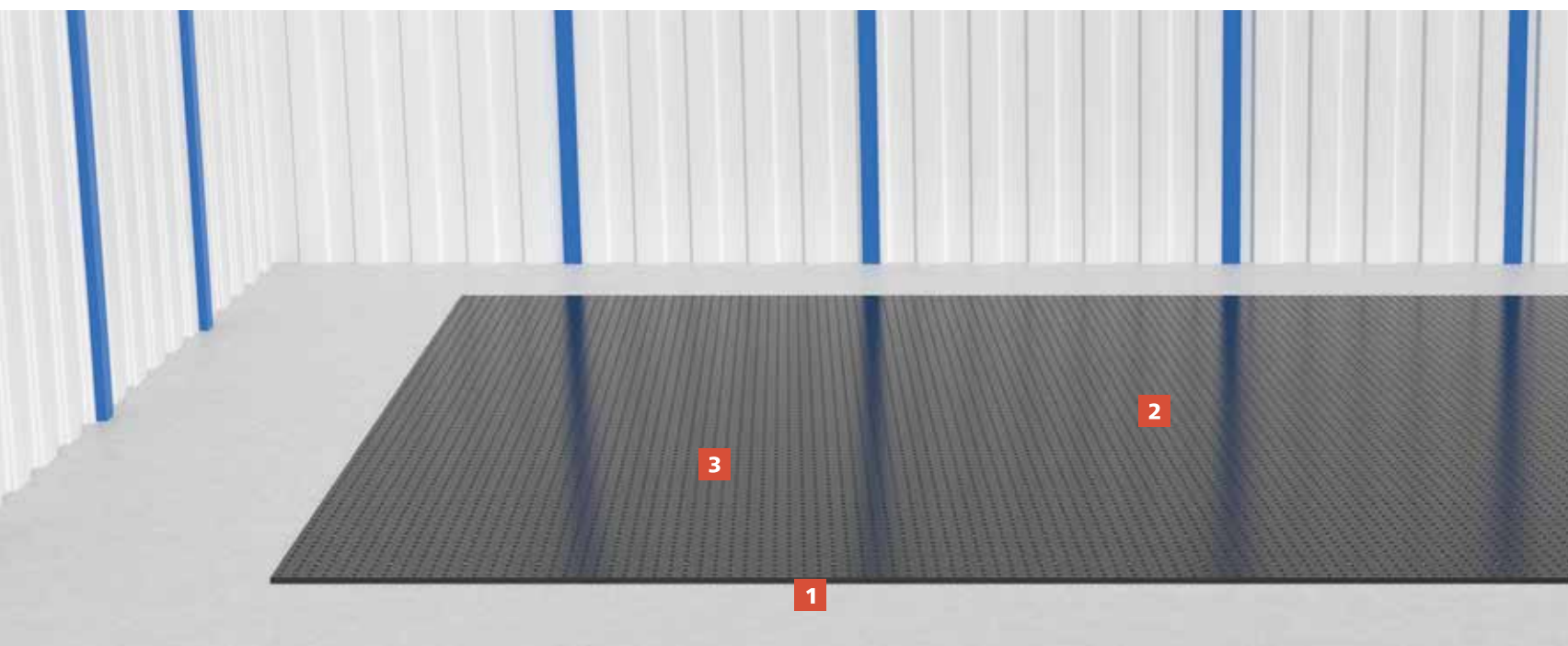
To avoid grime, we recommend closing the bore holes with cover caps (Item No. 28002673).



Comparison Platform Systems



C PANELS ABOVE-FLOOR



C+D

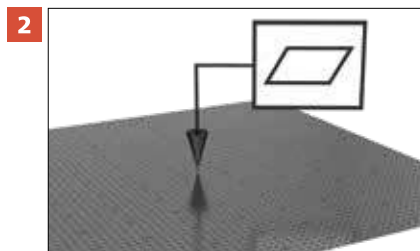


FLOOR ANCHORING

Platform C is aligned with setscrews through special thread holes.

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

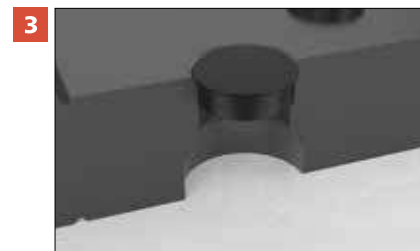
C+D



INSTALLATION

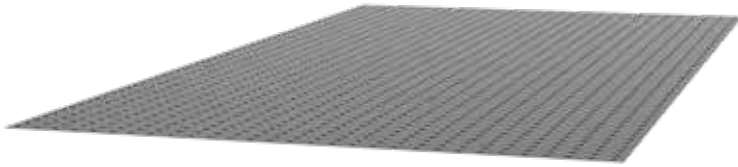
By symmetrically arranging the adjustments precise levelness is achieved.

C+D

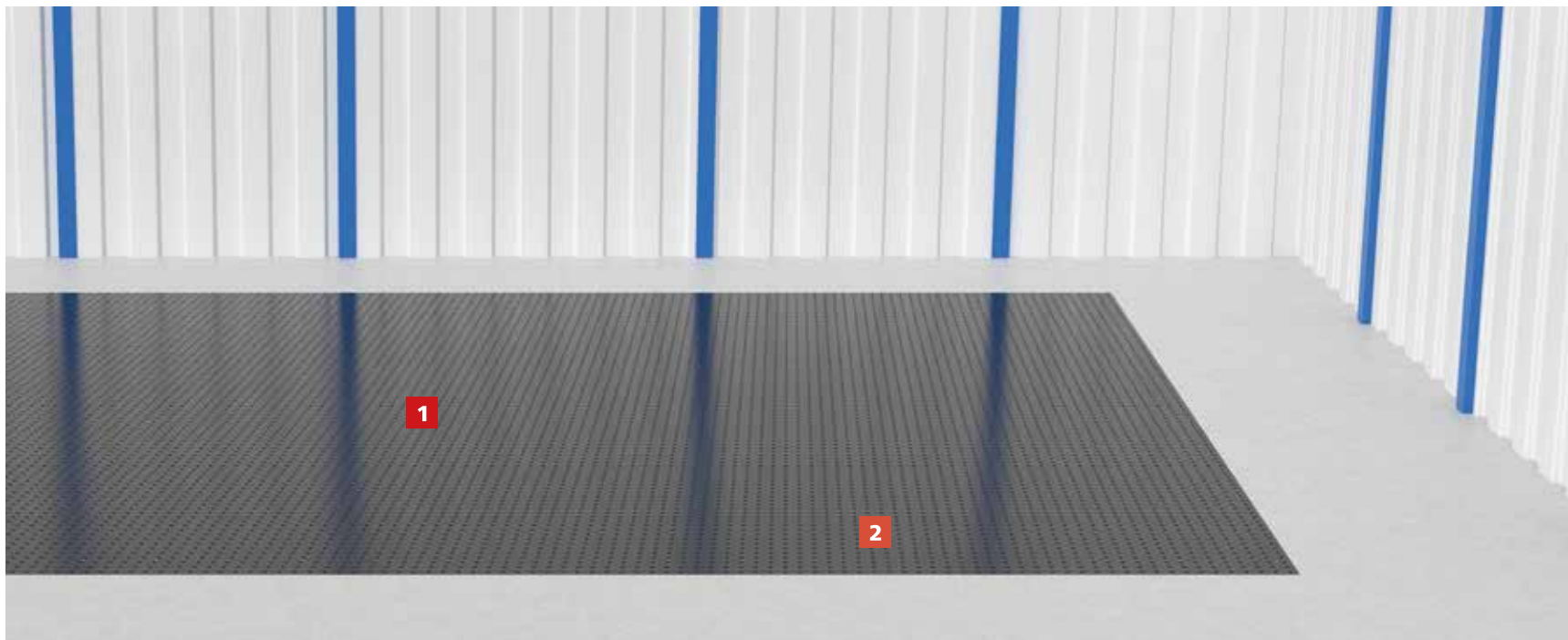


COVER CAPS TOP

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



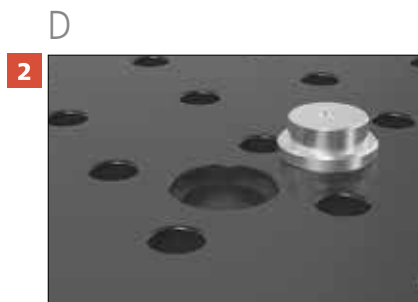
D PANELS
UNDERFLOOR



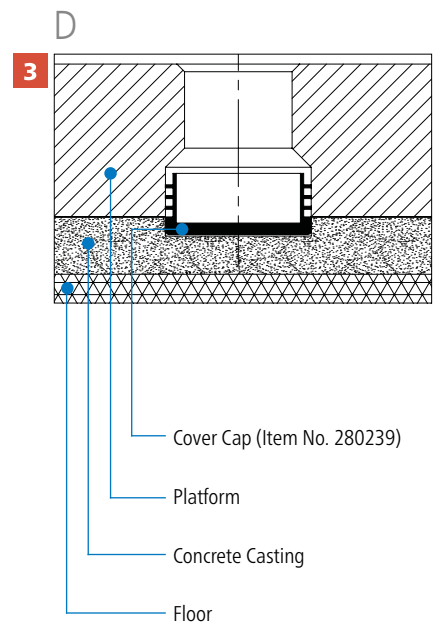
COVER CAPS TOP + BOTTOM

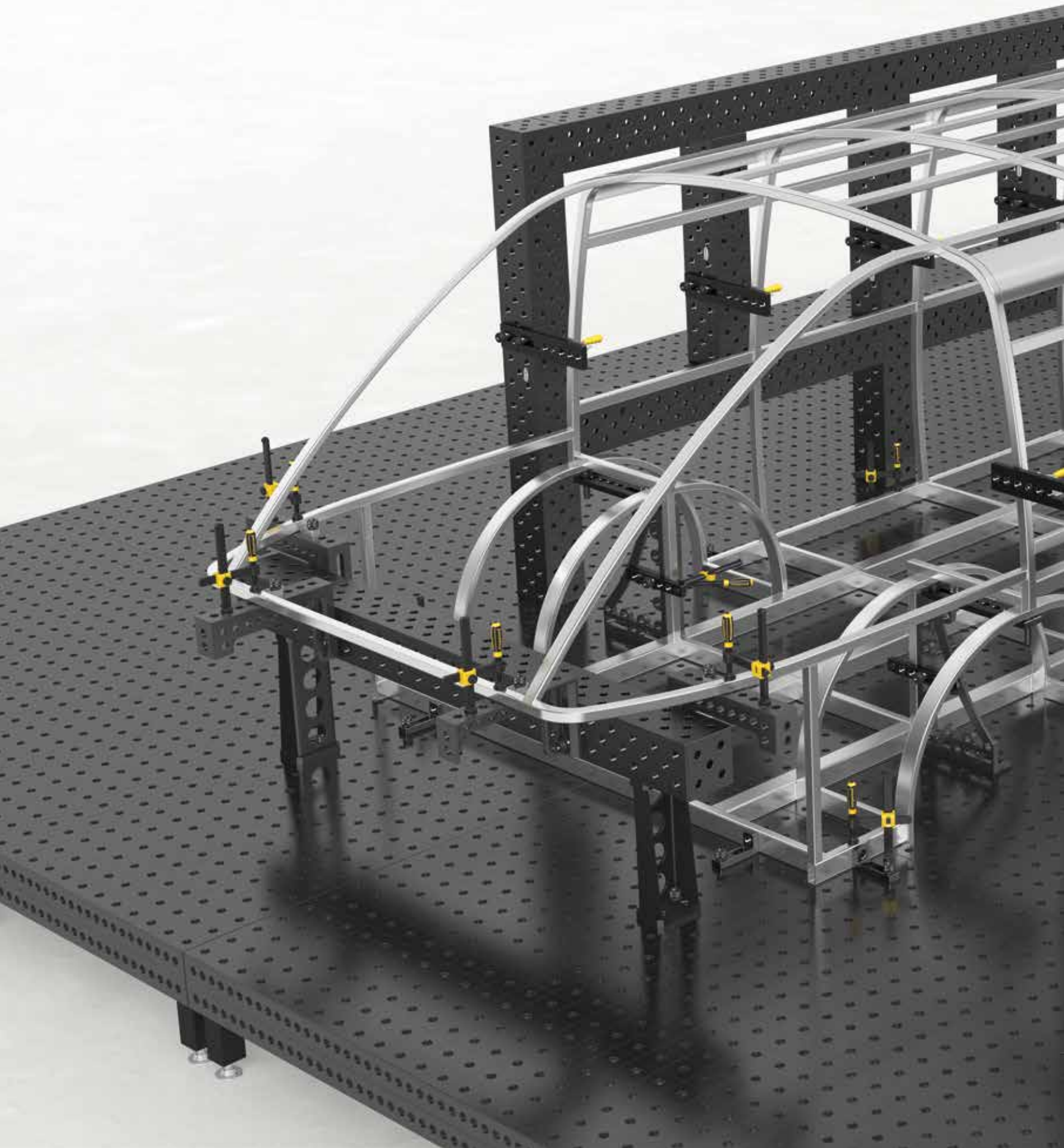
To avoid dirt, the top of the bore holes can be closed with cover caps (Item No. 280238.1, 280238.2).

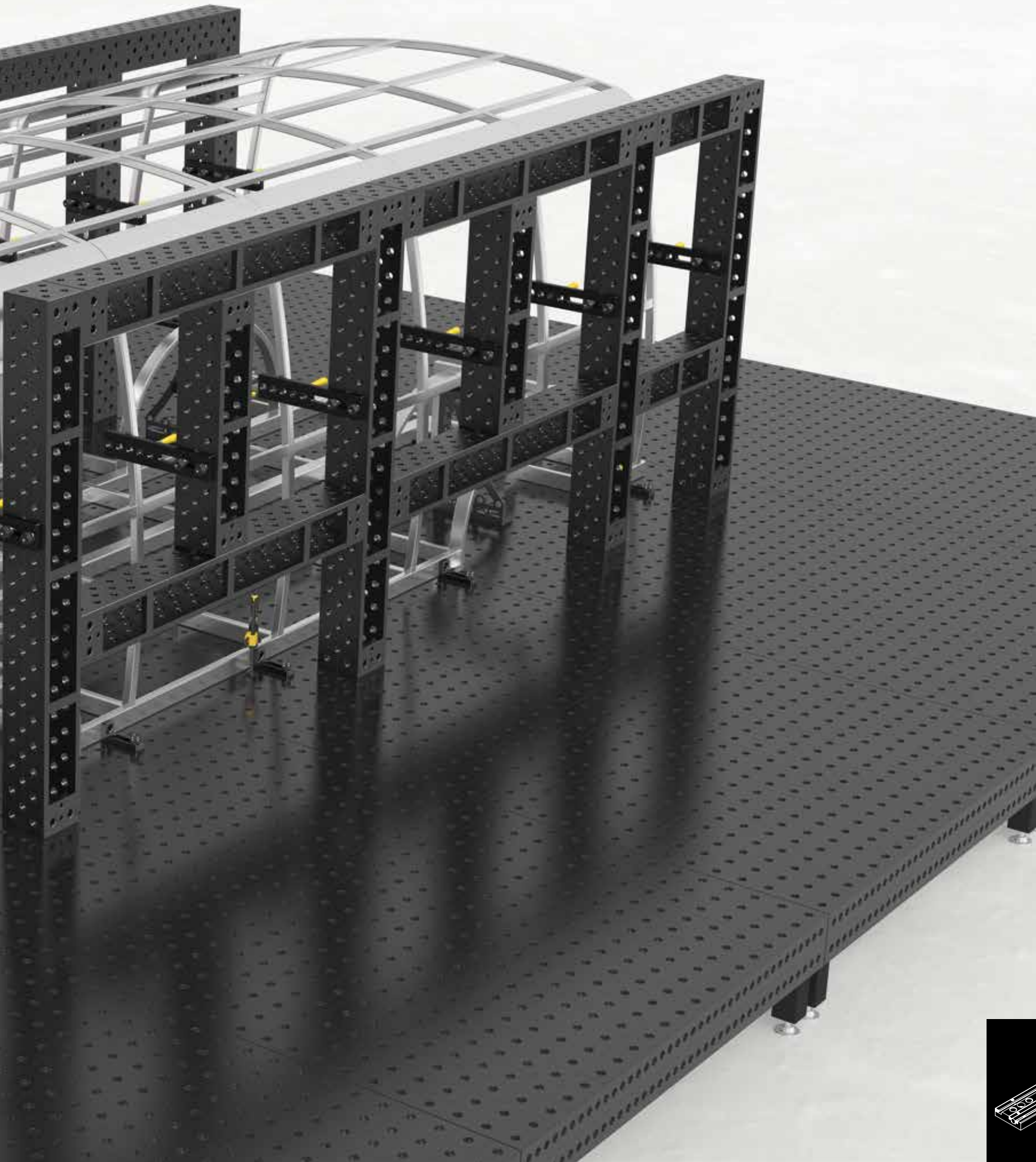
If it is concreted after installation, cover caps are also required on the underside (Item No. 280239).



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







Tables

E



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


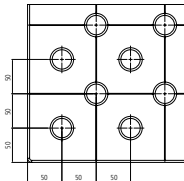
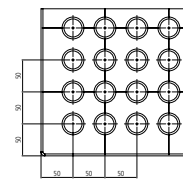
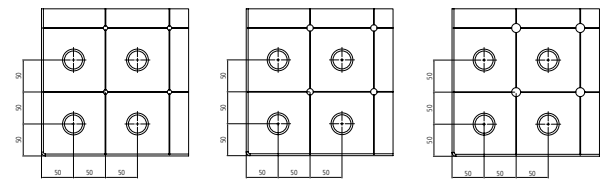


E F

	Length: (a)	Width: (b)	Height: (c)	Weight:	Platform System - Tables Tool Steel	Platform System - Tables Steel S355J2+N
Table 8.7 - 2000x1000x200 Plasma nitrided without legs	2000 mm	1000 mm	125-200 mm	approx. 770 kg	2-PT280020.X7 8,422.00 USD ○	2-PT280020.P 7,654.00 USD ○
Table 8.7 - 2400x1200x200 Plasma nitrided without legs	2400 mm	1200 mm	125-200 mm	approx. 1075 kg	2-PT280030.X7 10,896.00 USD ○	2-PT280030.P 9,906.00 USD ○
Table 8.7 - 3000x1500x200 Plasma nitrided without legs	3000 mm	1500 mm	125-200 mm	approx. 1550 kg	2-PT280040.X7 15,832.00 USD ○	2-PT280040.P 14,392.00 USD ○
Table 8.7 - 4000x2000x200 Plasma nitrided without legs	4000 mm	2000 mm	125-200 mm	approx. 2700 kg	2-PT280055.X7 24,564.00 USD ○	2-PT280055.P 22,332.00 USD ○
Further sizes and heights available upon request (recommended minimum height 125 mm)						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

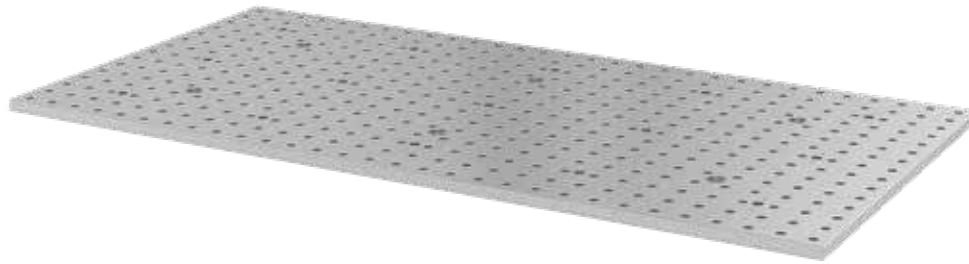
Production based on customer requirements (charges for accessories and installation tools depending on effort)
Basic Price (depending on quantity and design height, resulting in surcharge or reduced price).
Installation not included in price, installation by Siegmund is possible

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



Panels

H



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.

H


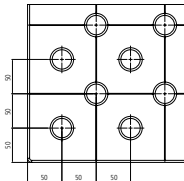
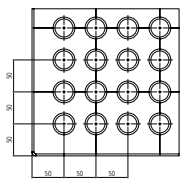
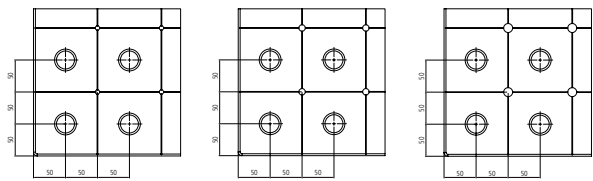
	Length: (a)	Width: (b)	Height: (c)	Platform System - Panels Steel S355J2+N
Plate 750 - 2000x1000x40 without legs	2000 mm	1000 mm	40 mm	2-PP280020 4,026.00 USD ○
Plate 750 - 2400x1200x40 without legs	2400 mm	1200 mm	40 mm	2-PP280030 5,554.00 USD ○
Plate 750 - 3000x1500x40 without legs	3000 mm	1500 mm	40 mm	2-PP280040 6,720.00 USD ○
Further sizes and heights available upon request				○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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).

Installation not included in price, installation by Siegmund is possible

 <p>Example for 50 mm Grid</p>	<p>Surcharge Diagonal Grid (see page 82)</p> 	<p>Surcharge 50 mm Grid (see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)</p>  <p>M8 M12 M16</p>
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Accessories



280238.1.10



28002673



280239



28002672



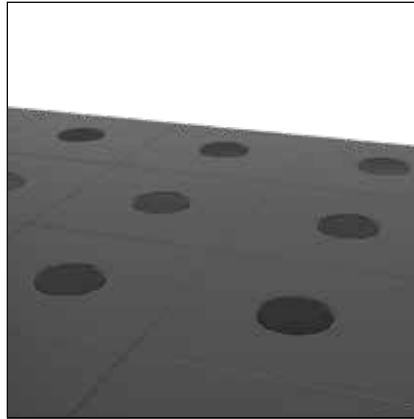
280856.XS

	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Cover cap / pack of 10 - burnished - protects drill holes from dirt - 10 pieces / 1 m rail			10 mm	30 mm	0,05 kg	2-280238.1.10 40.00 USD ●
Cover cap for mounting hole - to cover the mounting hole (leg adjustment)			25 mm	63 mm	0,45 kg	2-28002673 72.00 USD ○
Plastic Cap / pack of 10 - for Support and Foundation Rail - required with underfloor installation - 10 pieces / 1 m rail			17 mm	42 mm	0,08 kg	2-280239.10 12.00 USD ●
Leg for platform system - Length of thread 100 mm			130 mm	100 mm	1,60 kg	2-28002672 230.00 USD ○
Leg standard equipment, special height min. 150 mm - 50 mm vernier adjustment	90 mm	90 mm				2-280856.XS ○

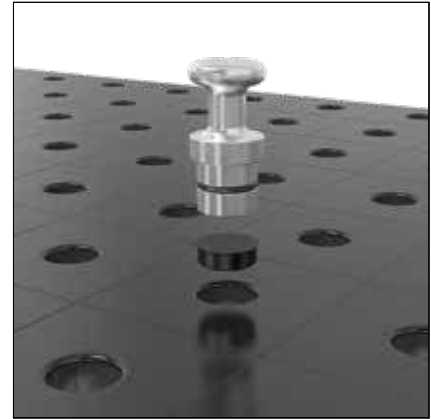
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



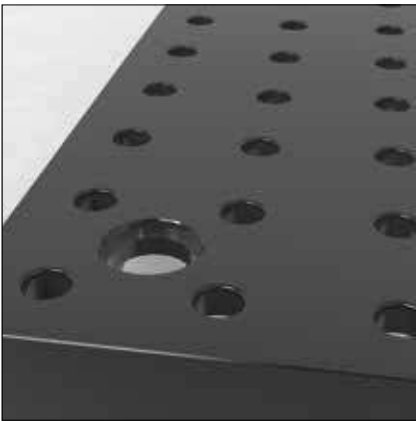
ill.: Cover Cap in borehole



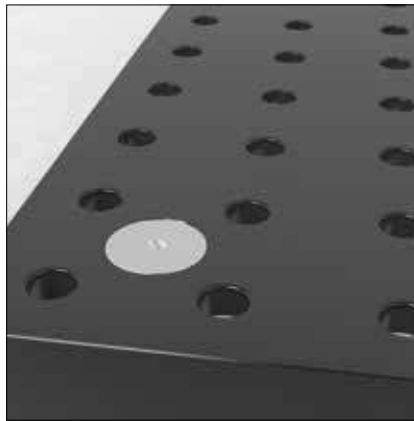
ill.: Cover Cap in borehole



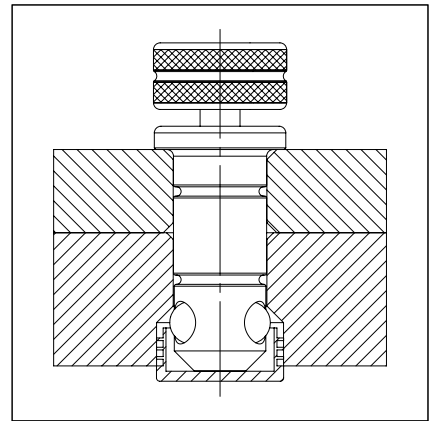
ill.: Removal of Cover Cap with magnetic clamping bolt



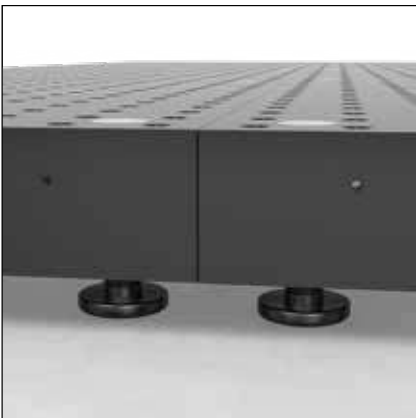
ill.: Assembly borehole to adjust and fasten Leg for Platform System B



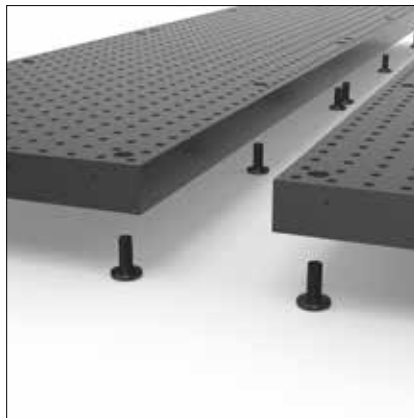
ill.: Cover assembly borehole with Cover Cap for Platform System B



ill.: Application of Cover Cap



ill.: Legs for Platform System B

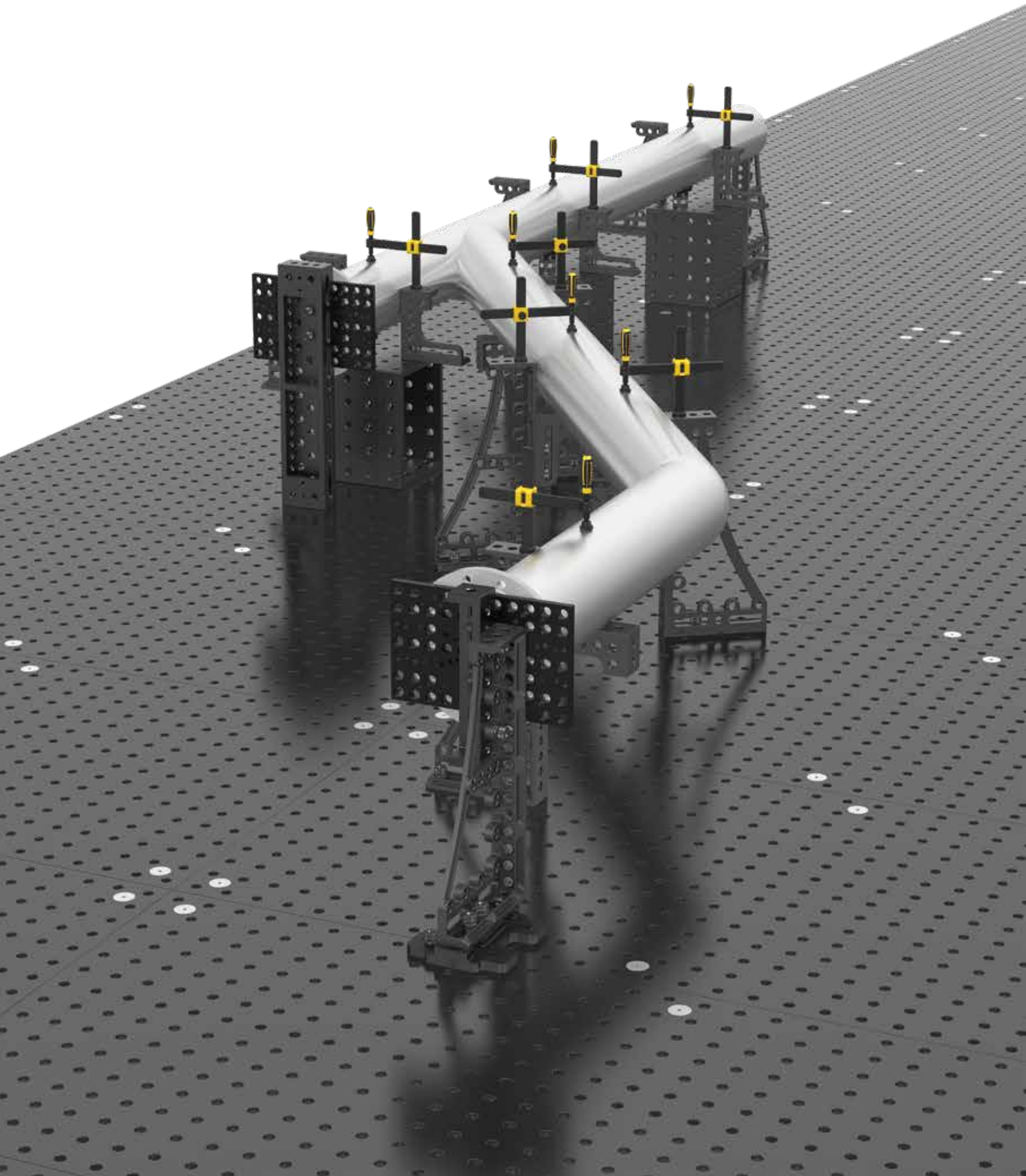


ill.: Legs for Platform System B



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

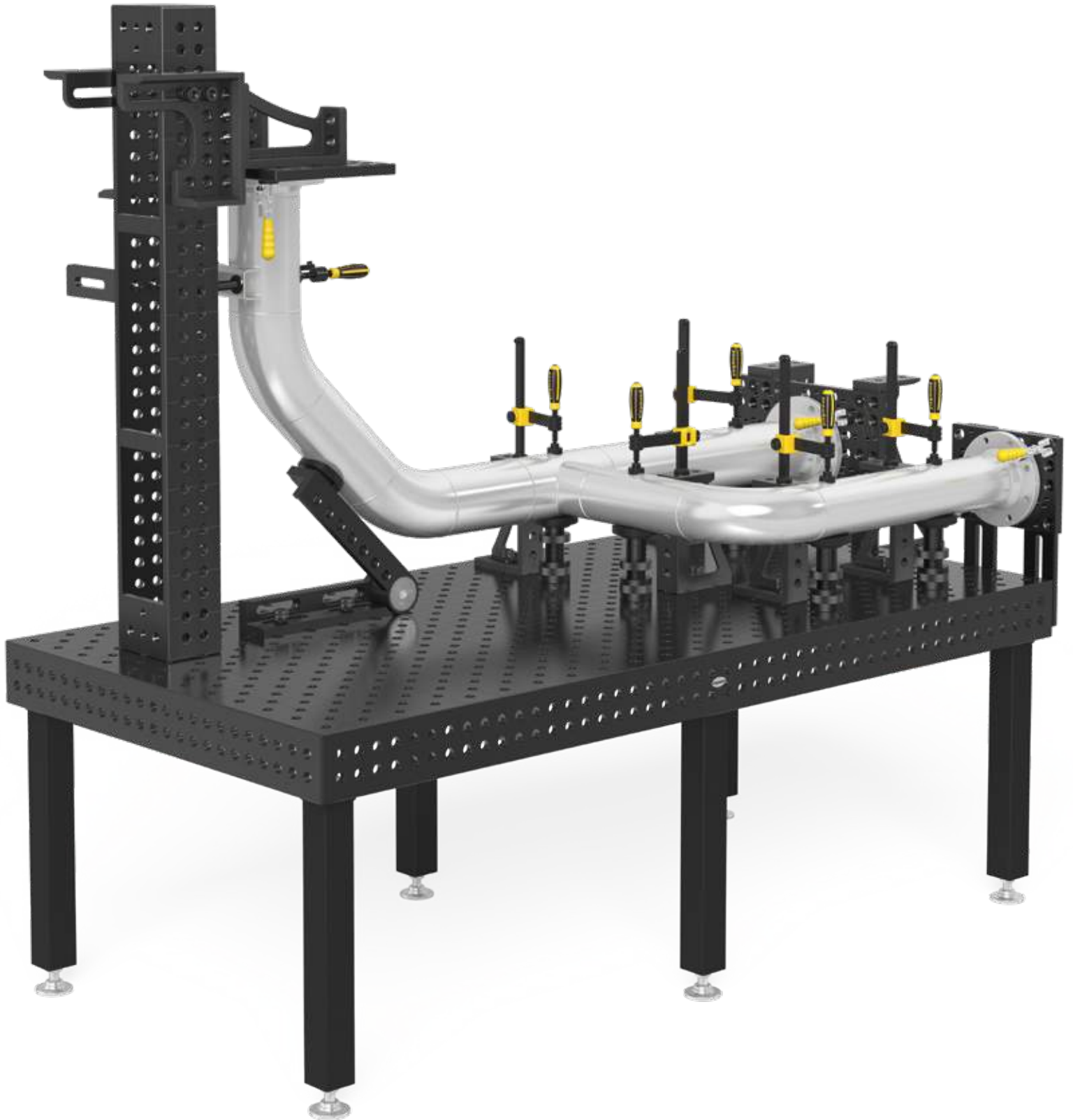
> Customer specific
solutions

> Top quality of
each component

> Installation-Service
for your platform system

> We look forward to help you
materialize your project!





TABLES

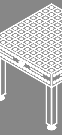


TABLE LEGS



STOPS



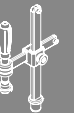
SQUARES



BOLTS



CLAMPS & ACCESSORIES



PRISMS & SUPPORTS



FAST CLAMPING EQUIPMENT & ADAPTER



ACCESSORIES



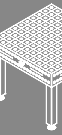
WORKSTATION | SYSTEM 28 + 22 + 16



Workstation

28
+
22
+
16





Page 412
Professional 750 Plasma nitrided

Page 432
**Welding Table - Special Sizes
Plasma nitrided**

Page 434
Perforated Aluminum Plate for Table

Page 436
Octagonal Table 150 Plasma nitrided



Page 438
Octagonal Plate 18 Plasma nitrided

Page 440
Support and Clamping Sleeve

Professional 750



Professional 750

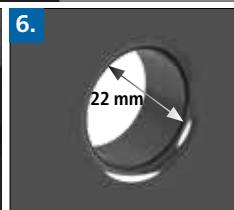
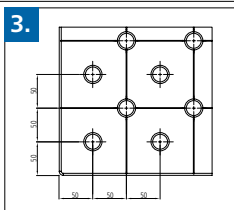
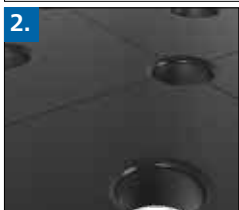
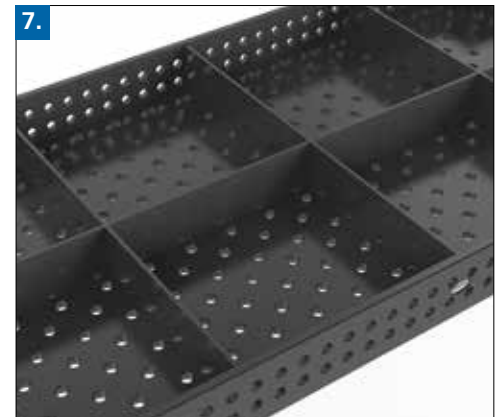
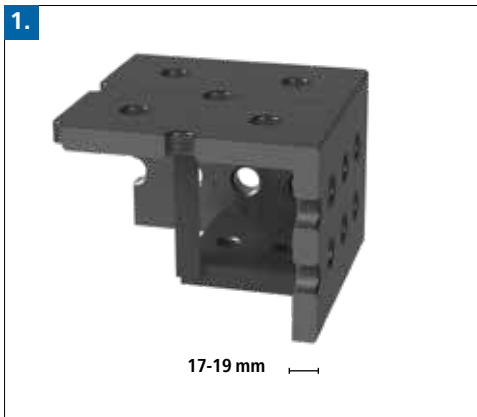
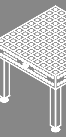
» Surface hardness up to 750 Vickers!

Professional 750 welding tables are manufactured of S355J2+N steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the welding table it is especially suited for working with heavy components. By equipping the welding tables with a diagonal grid the clamping options are nearly doubled.

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

- approx. 17 – 19 mm

2. MATERIAL

Premium Steel S355J2+N,
plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220

* Due to the lack of material hardness of Professional 750 significantly higher product wear.

3. DATA

- Diagonal grid
- Grid element spacing 100 mm

4. TABLE SIDE PANEL

- 150 mm high
- Bore holes on table sides in 50 mm grid

5. ELABORATE RADIUS

- 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 22 mm

Radius R2,5 for boreholes on the table surface:

- reduce damages to table, Siegmund accessories and customer components
- for simple insertion of bolts and accessories
- less damages on bore edges while moving heavy components
- large chamfer on table underside for maximum clamping force of bolts (see page 476)

7. RIBBING

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

8. TABLE LEGS

- Square pipe 80x80 mm
- Base plate Ø 90 mm (made of twisted bulk material)
- 50 mm vernier adjustment
(Data only for Leg 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
based on even load distribution.
(data only for leg 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 750 1200x800x150 mm

Description:

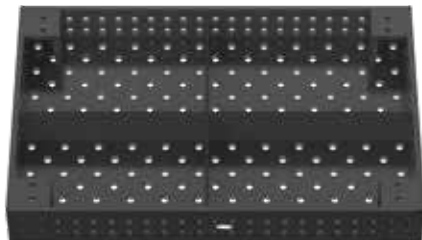
Professional 750 Table, 1200x800x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.

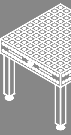


Weight: approx. 291 kg

Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.




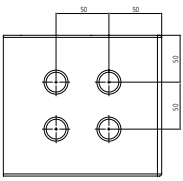
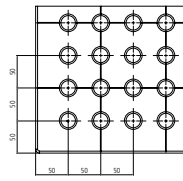
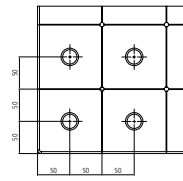
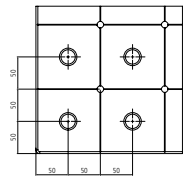
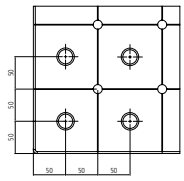


Professional 750 1200x800x150 mm

Professional 750 1200x800x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220025.P.T1 2,422.00 USD ●	2-220025.PD.T1 ● 2,732.00 USD	2-225125 ○ -466.00 USD
with Leg standard equipment Table height 850	2-220025.P ● 2,790.00 USD	2-220025.PD ● 3,100.00 USD	2-225125 ○ -466.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750						
 Example for Diagonal grid M12 Professional 750	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)  M8	 M12	 M16
	2-226725 1,040.00 USD	2-226525 908.00 USD	2-226125 958.00 USD	2-226225 958.00 USD	2-226325 958.00 USD	

Professional 750 1000x1000x150 mm

Description:

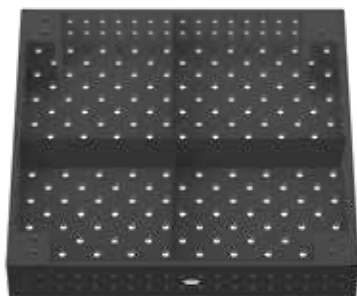
Professional 750 Table, 1000x1000x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.

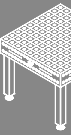


Weight: approx. 296 kg

Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.




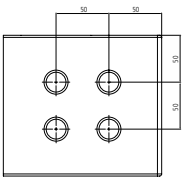
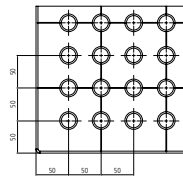
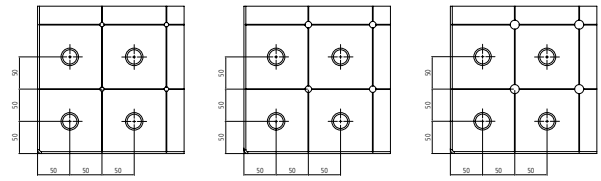


Professional 750 1000x1000x150 mm

Professional 750 1000x1000x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220010.P.T1 2,422.00 USD ●	2-220010.PD.T1 2,732.00 USD ●	2-225110 -466.00 USD ○
with Leg standard equipment Table height 850	2-220010.P 2,790.00 USD ●	2-220010.PD 3,100.00 USD ●	2-225110 -466.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750					
 Example for 50 mm Grid	Table side panel		Surface		
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
Professional 750	2-226710 1,040.00 USD	2-226510 908.00 USD	M8 2-226110 958.00 USD	M12 2-226210 958.00 USD	M16 2-226310 958.00 USD

Professional 750 1200x1200x150 mm

Description:

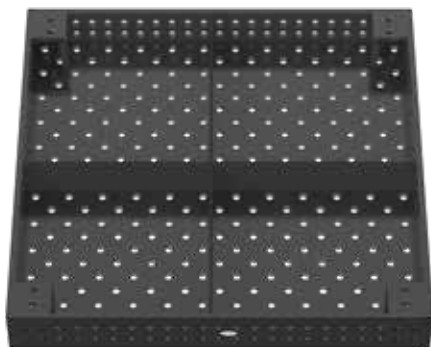
Professional 750 Table, 1200x1200x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.

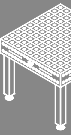


Weight: approx. 387 kg

Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.




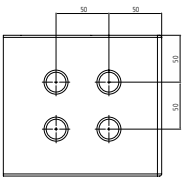
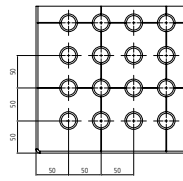
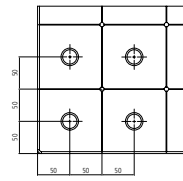
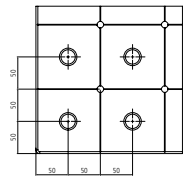


Professional 750 1200x1200x150 mm

Professional 750 1200x1200x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220015.P.T1 3,222.00 USD ●	2-220015.PD.T1 3,620.00 USD ●	2-225115 -598.00 USD ○
with Leg standard equipment Table height 850	2-220015.P 3,590.00 USD ●	2-220015.PD 3,988.00 USD ●	2-225115 -598.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750					
 Example for Diagonal grid M8	Table side panel		Surface		
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
Professional 750	2-226715 1,258.00 USD	2-226515 1,248.00 USD	M8 2-226115 958.00 USD	M12 2-226215 958.00 USD	M16 2-226315 958.00 USD

Professional 750 1500x1000x150 mm

Description:

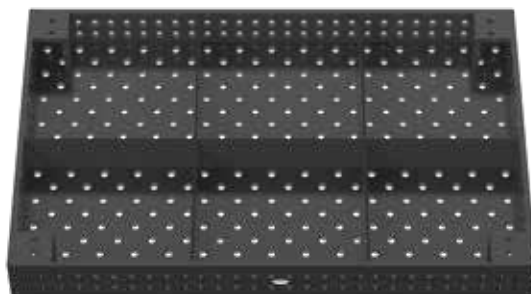
Professional 750 Table, 1500x1000x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.

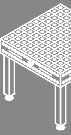


Weight: approx. 412 kg

Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.



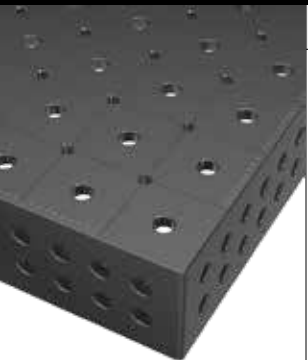
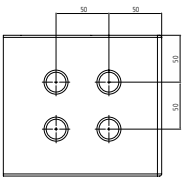
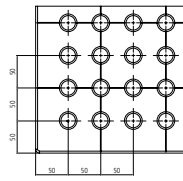
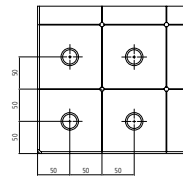
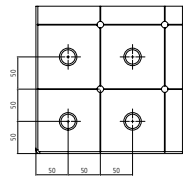
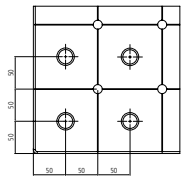


Professional 750 1500x1000x150 mm

Professional 750 1500x1000x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220035.P.T1 3,222.00 USD ●	2-220035.PD.T1 3,620.00 USD ●	2-225135 -598.00 USD ○
with Leg standard equipment Table height 850	2-220035.P 3,590.00 USD ●	2-220035.PD 3,988.00 USD ●	2-225135 -598.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750						
 Example for Diagonal grid M16 Professional 750	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)  M8	 M12	 M16
	2-226735 1,314.00 USD	2-226535 1,248.00 USD	2-226135 958.00 USD	2-226235 958.00 USD	2-226335 958.00 USD	

Professional 750 1500x1500x150 mm

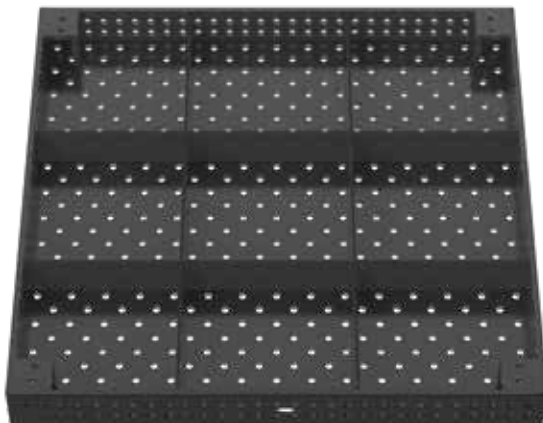
Description:

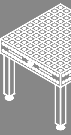
Professional 750 Table, 1500x1500x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 573 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.




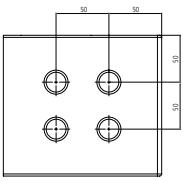
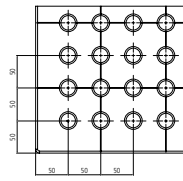
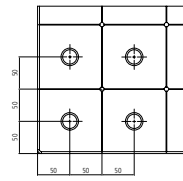
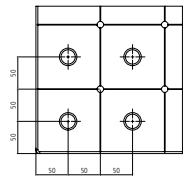
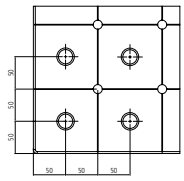


Professional 750 1500x1500x150 mm

Professional 750 1500x1500x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220050.P.T1 4,722.00 USD ●	2-220050.PD.T1 5,398.00 USD ●	2-225150 -864.00 USD ○
with Leg standard equipment Table height 850	2-220050.P 5,090.00 USD ●	2-220050.PD 5,766.00 USD ●	2-225150 -864.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750						
 Example for Diagonal grid M12 Professional 750	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
	2-226750 1,700.00 USD	2-226550 1,796.00 USD	M8 2-226150 1,260.00 USD	M12 2-226250 1,260.00 USD	M16 2-226350 1,260.00 USD	

Professional 750 2000x1000x150 mm

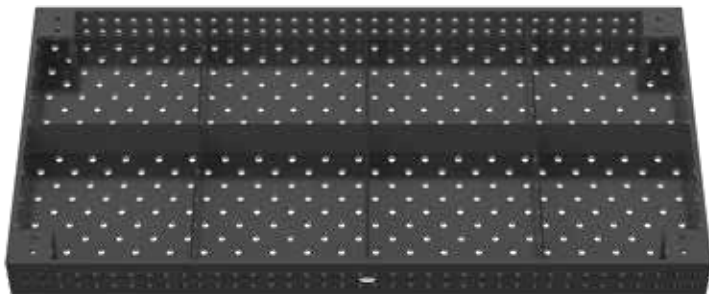
Description:

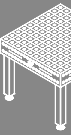
Professional 750 Table, 2000x1000x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 519 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.




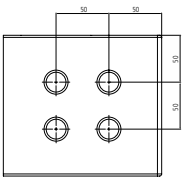
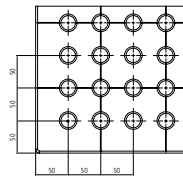
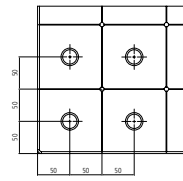
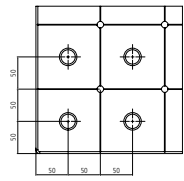
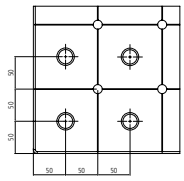


Professional 750 2000x1000x150 mm

Professional 750 2000x1000x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220020.P.T1 4,178.00 USD ●	2-220020.PD.T1 ● 4,684.00 USD	2-225120 ○ -758.00 USD
with Leg standard equipment Table height 850	2-220020.P ● 4,546.00 USD	2-220020.PD ● 5,052.00 USD	2-225120 ○ -758.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750						
 Example for 50 mm Grid	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
Professional 750	2-226720 1,634.00 USD	2-226520 1,702.00 USD	M8 2-226120 1,260.00 USD	M12 2-226220 1,260.00 USD	M16 2-226320 1,260.00 USD	

Professional 750 2000x2000x150 mm

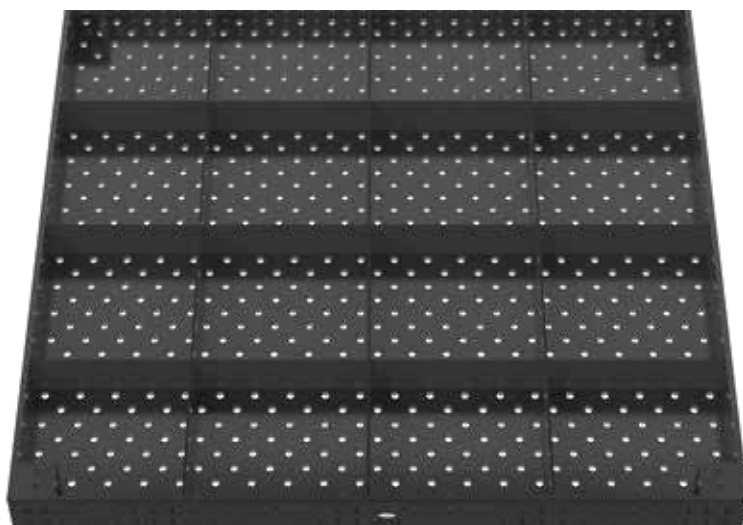
Description:

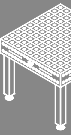
Professional 750 Table, 2000x2000x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 929 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.



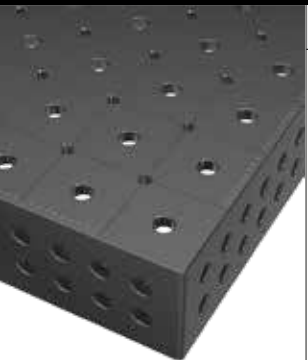
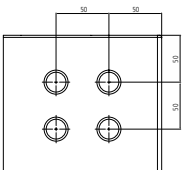
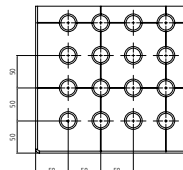
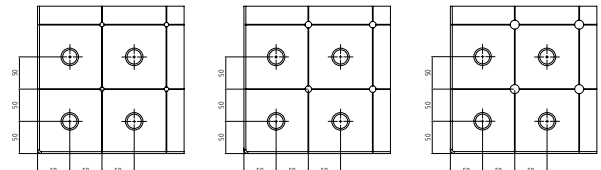


Professional 750 2000x2000x150 mm

Professional 750 2000x2000x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220045.P.T1 7,622.00 USD ●	2-220045.PD.T1 8,508.00 USD ●	2-225145 -1,332.00 USD ○
with Leg standard equipment Table height 850	2-220045.P 7,990.00 USD ●	2-220045.PD 8,876.00 USD ●	2-225145 -1,332.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750					
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg with Caster and Locking Brake 700 (see page 448) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	Surcharge Leg height-adjustable with Caster and locking Brake 600-850 (see page 449) 
2-220857.XX ●	2-220874.XX 104,00 USD	2-220866.XX 148,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	2-220879.XX 178,00 USD

Special equipment for welding table Professional 750						
 Example for Diagonal grid M16	Table side panel		Surface			
		Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
Professional 750	2-226745 2,754.00 USD		2-226545 3,270.00 USD	M8 2-226145 2,218.00 USD	M12 2-226245 2,218.00 USD	M16 2-226345 2,218.00 USD

Professional 750 2400x1200x150 mm

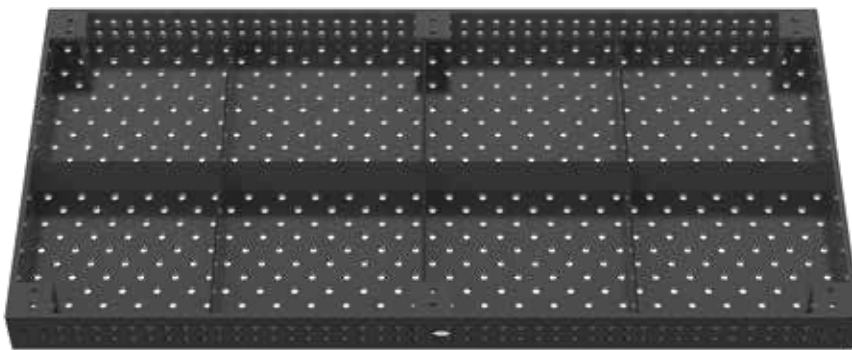
Description:

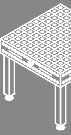
Professional 750 Table, 2400x1200x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 724 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.





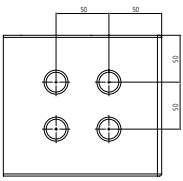
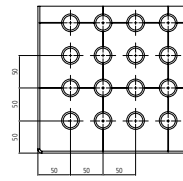
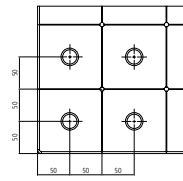
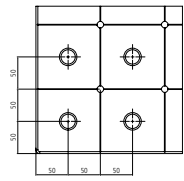
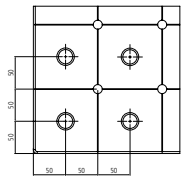


Professional 750 2400x1200x150 mm

Professional 750 2400x1200x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220030.P.T1 5,238.00 USD ●	2-220030.PD.T1 5,882.00 USD ●	2-225130 -966.00 USD ○
with Leg standard equipment Table height 850	2-220030.P 5,790.00 USD ●	2-220030.PD 6,434.00 USD ●	2-225130 -966.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750				
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	
2-220857.XX ●	2-220874.XX 104,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	

Special equipment for welding table Professional 750						
 Example for Diagonal grid M12	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
Professional 750	2-226730 2,076.00 USD	2-226530 2,260.00 USD	M8 2-226130 1,612.00 USD	M12 2-226230 1,612.00 USD	M16 2-226330 1,612.00 USD	

Professional 750 3000x1500x150 mm

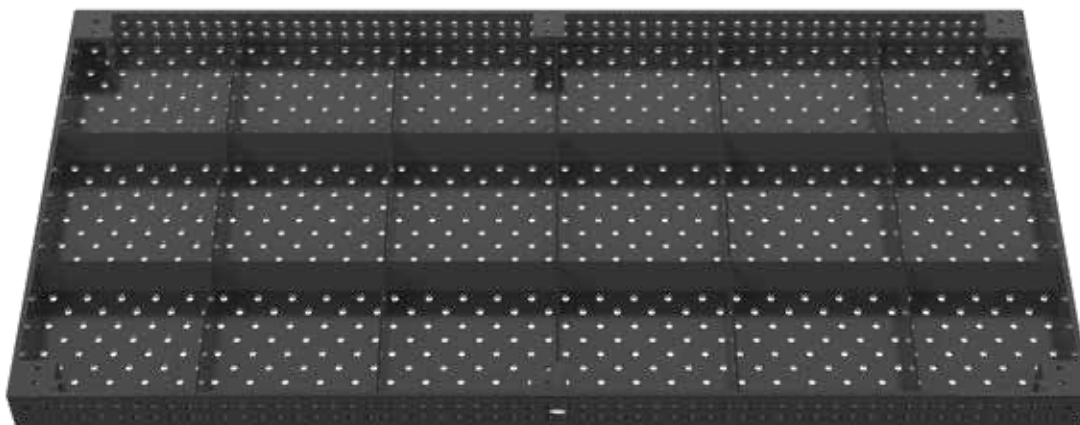
Description:

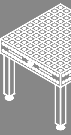
Professional 750 Table, 3000x1500x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 1.073 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.







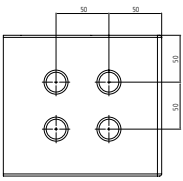
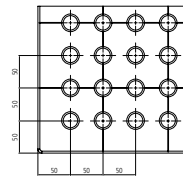
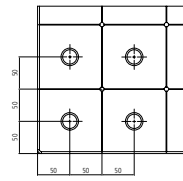
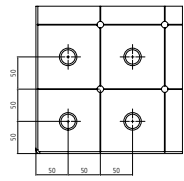
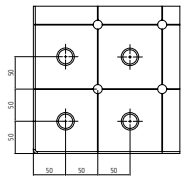


Professional 750 3000x1500x150 mm

Professional 750 3000x1500x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220040.P.T1 7,872.00 USD ●	2-220040.PD.T1 8,808.00 USD ●	2-225140 -1,404.00 USD ○
with Leg standard equipment Table height 850	2-220040.P 8,424.00 USD ●	2-220040.PD 9,360.00 USD ●	2-225140 -1,404.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750				
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	
2-220857.XX ●	2-220874.XX 104,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	

Special equipment for welding table Professional 750						
 Example for Diagonal grid M8	Table side panel		Surface			
	Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
Professional 750	2-226740 2,840.00 USD	2-226540 3,610.00 USD	M8 2-226140 1,890.00 USD	M12 2-226240 1,890.00 USD	M16 2-226340 1,890.00 USD	

Professional 750 4000x2000x150 mm

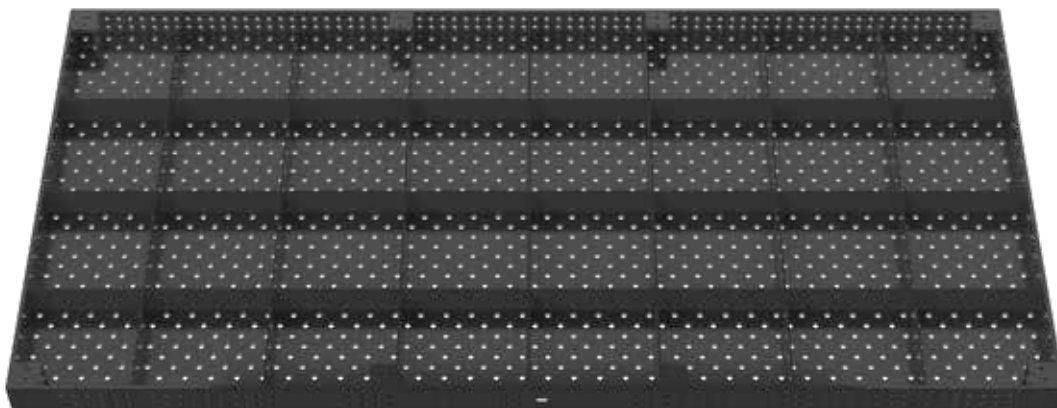
Description:

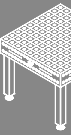
Professional 750 Table, 4000x2000x150 mm, with diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17-19 mm. It is manufactured of high quality S355J2+N Steel. Grid lines with a spacing of 100 mm simplify the set-up of your device.



Weight: approx. 1.806 kg
Weight = Table + Pallet + Leg standard equipment

Illustration shows Professional 750 Table with diagonal grid.






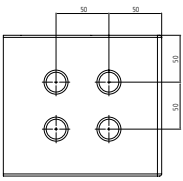
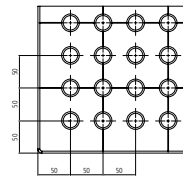
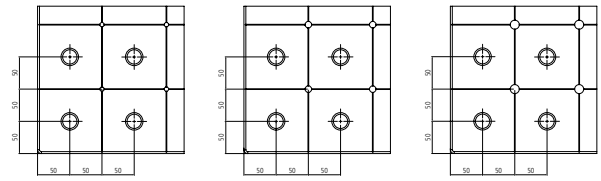


Professional 750 4000x2000x150 mm

Professional 750 4000x2000x150 - Plasma nitrided	Professional 750 100 mm Grid	Professional 750 Diagonal grid	Without plasma nitriding reduced price
without legs	2-220055.P.T1 13,254.00 USD ●	2-220055.PD.T1 14,808.00 USD ●	2-225155 -2,332.00 USD ○
with Leg standard equipment Table height 850	2-220055.P 13,990.00 USD ●	2-220055.PD 15,544.00 USD ●	2-225155 -2,332.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional 750				
Surcharge Leg standard equipment 800 (see page 446) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring 700 (see page 450) 	Surcharge Leg height-adjustable 550-900 (see page 447) 	Surcharge Leg height-adjustable 500-800 (see page 447) 	
2-220857.XX ●	2-220874.XX 104,00 USD	2-220877.XX 110,00 USD	2-220878.XX 110,00 USD	

Special equipment for welding table Professional 750					
 Example for 50 mm Grid	Table side panel		Surface		
		Surcharge for table sides double hardened (see page 410) 		Surcharge 50 mm Grid (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 
Professional 750	2-226755 ●		2-226555 6,218.00 USD	2-226155 3,780.00 USD	2-226255 3,780.00 USD
				M8 3,780.00 USD	M12 3,780.00 USD
					M16 3,780.00 USD

Professional 750 - 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 of tables ordered.

Discount:

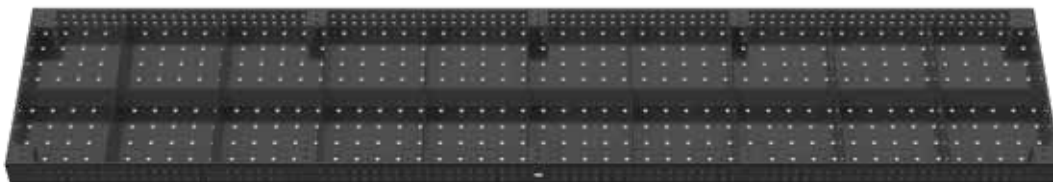
starting at 2 pieces: 5 %

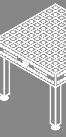
starting at 5 pieces: 10 %

starting at 10 pieces: 15 %

Please find an overview with all information on table leg models on page 444.

Special equipment for welding tables available by request.





Professional 750 - Special Sizes

Dimensions	Professional 750	Dimensions	Professional 750	Dimensions	Professional 750	Dimensions	Professional 750
600 x 600	6,270.00 USD 2-970606.P	800 x 3000	12,440.00 USD 2-970830.P	1200 x 3400	16,359.00 USD 2-971234.P	1600 x 3600	20,105.00 USD 2-971636.P
600 x 800	6,673.00 USD 2-970608.P	800 x 3200	12,921.00 USD 2-970832.P	1200 x 3600	16,994.00 USD 2-971236.P	1600 x 3800	20,893.00 USD 2-971638.P
600 x 1000	7,078.00 USD 2-970610.P	800 x 3400	13,401.00 USD 2-970834.P	1200 x 3800	17,627.00 USD 2-971238.P	1600 x 4000	21,681.00 USD 2-971640.P
600 x 1200	7,481.00 USD 2-970612.P	800 x 3600	13,882.00 USD 2-970836.P	1200 x 4000	18,262.00 USD 2-971240.P	1800 x 1800	13,880.00 USD 2-971818.P
600 x 1400	7,884.00 USD 2-970614.P	800 x 3800	14,362.00 USD 2-970838.P	1400 x 1400	10,729.00 USD 2-971414.P	1800 x 2000	14,744.00 USD 2-971820.P
600 x 1600	8,289.00 USD 2-970616.P	800 x 4000	14,843.00 USD 2-970840.P	1400 x 1600	11,439.00 USD 2-971416.P	1800 x 2200	15,609.00 USD 2-971822.P
600 x 1800	8,692.00 USD 2-970618.P	1000 x 1200	8,749.00 USD 2-971012.P	1400 x 1800	12,151.00 USD 2-971418.P	1800 x 2400	16,473.00 USD 2-971824.P
600 x 2000	9,096.00 USD 2-970620.P	1000 x 1400	9,306.00 USD 2-971014.P	1400 x 2000	12,861.00 USD 2-971420.P	1800 x 2600	17,337.00 USD 2-971826.P
600 x 2200	9,500.00 USD 2-970622.P	1000 x 1600	9,863.00 USD 2-971016.P	1400 x 2200	13,573.00 USD 2-971422.P	1800 x 2800	18,203.00 USD 2-971828.P
600 x 2400	9,903.00 USD 2-970624.P	1000 x 1800	10,421.00 USD 2-971018.P	1400 x 2400	14,283.00 USD 2-971424.P	1800 x 3000	19,067.00 USD 2-971830.P
600 x 2600	10,307.00 USD 2-970626.P	1000 x 2200	11,536.00 USD 2-971022.P	1400 x 2600	14,994.00 USD 2-971426.P	1800 x 3200	19,932.00 USD 2-971832.P
600 x 2800	10,711.00 USD 2-970628.P	1000 x 2400	12,093.00 USD 2-971024.P	1400 x 2800	15,706.00 USD 2-971428.P	1800 x 3400	20,796.00 USD 2-971834.P
600 x 3000	11,115.00 USD 2-970630.P	1000 x 2600	12,650.00 USD 2-971026.P	1400 x 3000	16,416.00 USD 2-971430.P	1800 x 3600	21,661.00 USD 2-971836.P
600 x 3200	11,518.00 USD 2-970632.P	1000 x 2800	13,208.00 USD 2-971028.P	1400 x 3200	17,128.00 USD 2-971432.P	1800 x 3800	22,525.00 USD 2-971838.P
600 x 3400	11,923.00 USD 2-970634.P	1000 x 3000	13,765.00 USD 2-971030.P	1400 x 3400	17,838.00 USD 2-971434.P	1800 x 4000	23,390.00 USD 2-971840.P
600 x 3600	12,326.00 USD 2-970636.P	1000 x 3200	14,322.00 USD 2-971032.P	1400 x 3600	18,550.00 USD 2-971436.P	2000 x 2000	15,686.00 USD 2-972020.P
600 x 3800	12,729.00 USD 2-970638.P	1000 x 3400	14,880.00 USD 2-971034.P	1400 x 3800	19,260.00 USD 2-971438.P	2000 x 2200	16,627.00 USD 2-972022.P
600 x 4000	13,134.00 USD 2-970640.P	1000 x 3600	15,437.00 USD 2-971036.P	1400 x 4000	19,971.00 USD 2-971440.P	2000 x 2400	17,569.00 USD 2-972024.P
800 x 800	7,154.00 USD 2-970808.P	1000 x 3800	15,995.00 USD 2-971038.P	1600 x 1600	12,227.00 USD 2-971616.P	2000 x 2600	18,510.00 USD 2-972026.P
800 x 1000	7,634.00 USD 2-970810.P	1000 x 4000	16,552.00 USD 2-971040.P	1600 x 1800	13,015.00 USD 2-971618.P	2000 x 2800	19,452.00 USD 2-972028.P
800 x 1400	8,596.00 USD 2-970814.P	1200 x 1400	10,017.00 USD 2-971214.P	1600 x 2000	13,803.00 USD 2-971620.P	2000 x 3000	20,393.00 USD 2-972030.P
800 x 1600	9,076.00 USD 2-970816.P	1200 x 1600	10,652.00 USD 2-971216.P	1600 x 2200	14,590.00 USD 2-971622.P	2000 x 3200	21,333.00 USD 2-972032.P
800 x 1800	9,556.00 USD 2-970818.P	1200 x 1800	11,286.00 USD 2-971218.P	1600 x 2400	15,379.00 USD 2-971624.P	2000 x 3400	22,275.00 USD 2-972034.P
800 x 2000	10,038.00 USD 2-970820.P	1200 x 2200	12,554.00 USD 2-971222.P	1600 x 2600	16,166.00 USD 2-971626.P	2000 x 3600	23,216.00 USD 2-972036.P
800 x 2200	10,518.00 USD 2-970822.P	1200 x 2600	13,823.00 USD 2-971226.P	1600 x 2800	16,953.00 USD 2-971628.P	2000 x 3800	24,158.00 USD 2-972038.P
800 x 2400	10,998.00 USD 2-970824.P	1200 x 2800	14,456.00 USD 2-971228.P	1600 x 3000	17,742.00 USD 2-971630.P		
800 x 2600	11,479.00 USD 2-970826.P	1200 x 3000	15,091.00 USD 2-971230.P	1600 x 3200	18,529.00 USD 2-971632.P		
800 x 2800	11,959.00 USD 2-970828.P	1200 x 3200	15,725.00 USD 2-971232.P	1600 x 3400	19,318.00 USD 2-971634.P		

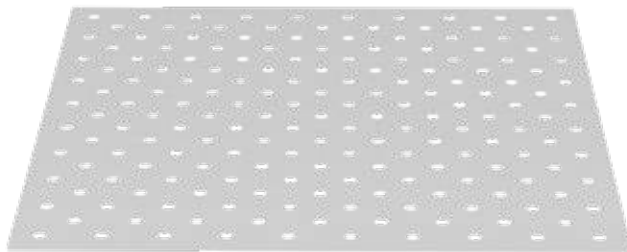
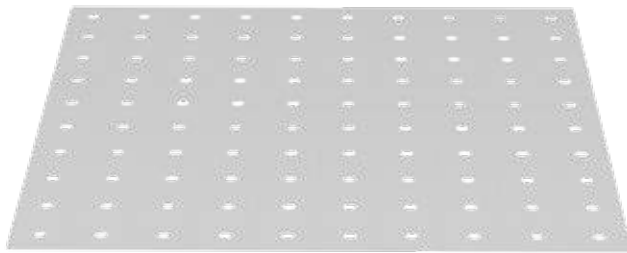
Perforated Aluminum Plate

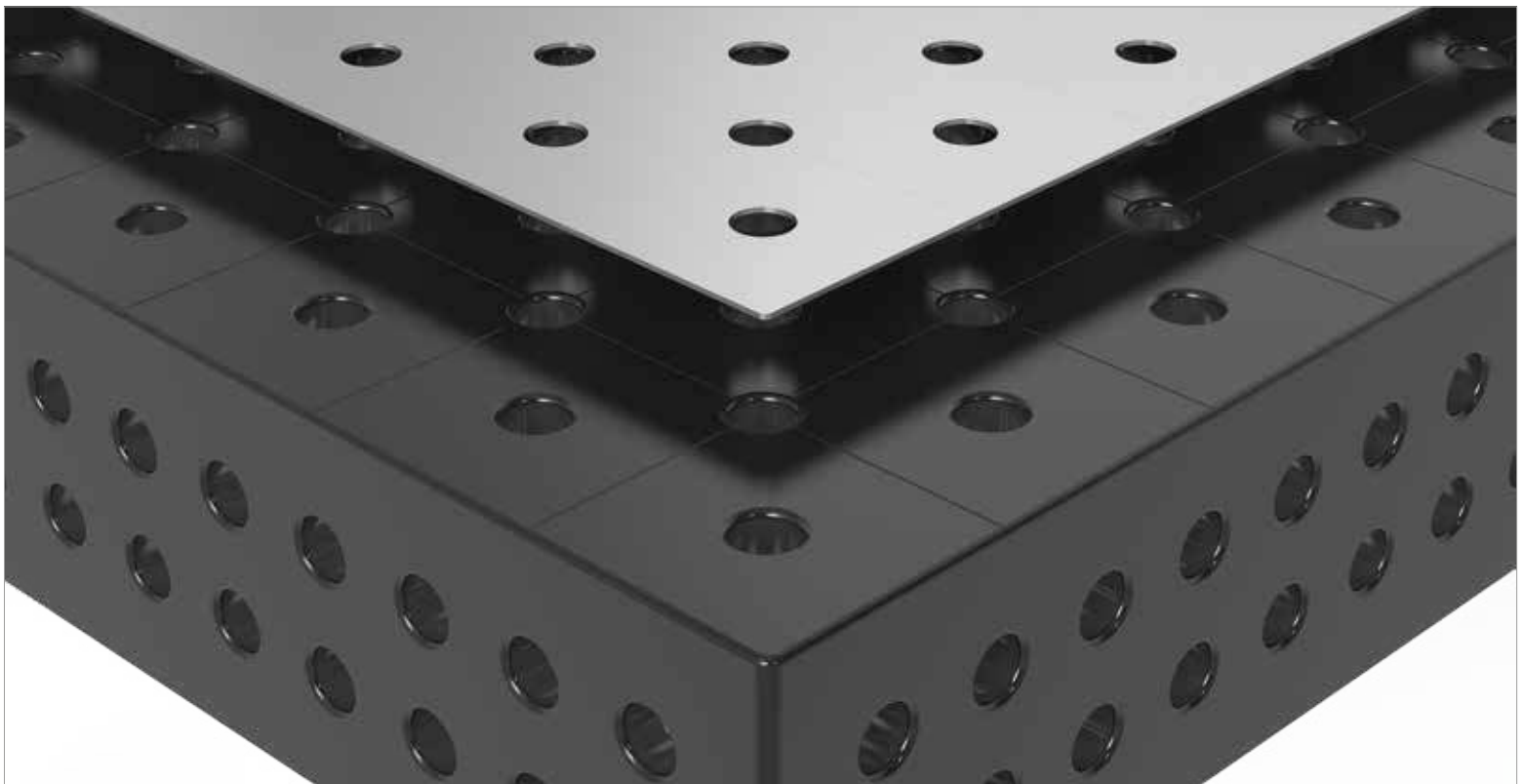
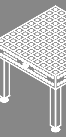
Description:

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.

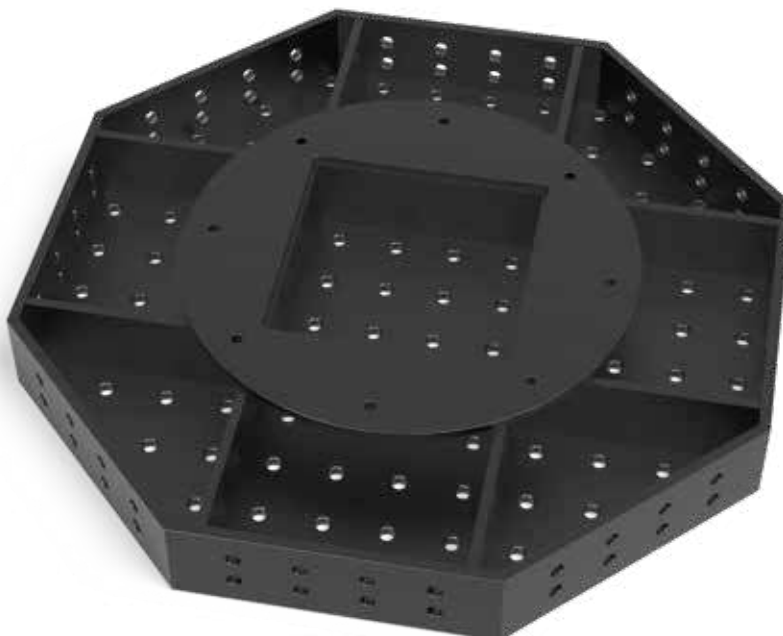
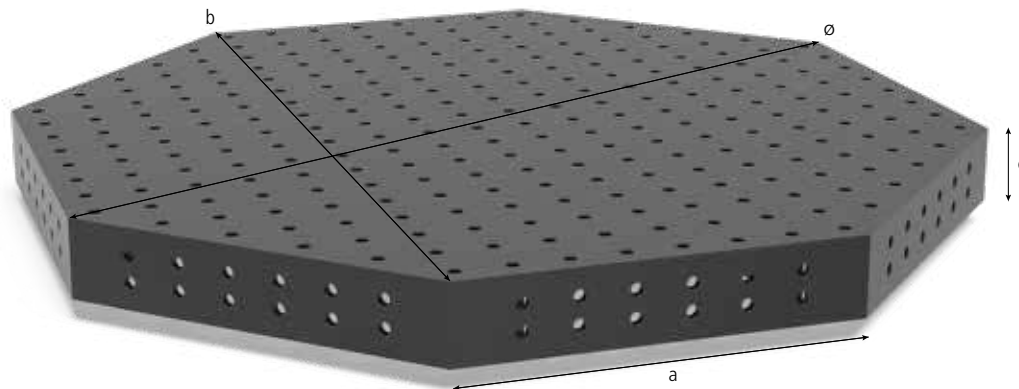




	Length: (a)	Width: (b)	Height: (c)	Weight:	Grid element spacing 100 mm	Diagonal grid
Perforated Aluminum Plate for Table 220010	994 mm	994 mm	2 mm	approx. 5,20 kg	2-220200 218.00 USD ●	2-220200.D 278.00 USD ●
Perforated Aluminum Plate for Table 220025	1194 mm	1194 mm	2 mm	approx. 5,00 kg	2-220202 210.00 USD ●	2-220202.D 268.00 USD ●
Perforated Aluminum Plate for Table 220015	1194 mm	994 mm	2 mm	approx. 7,50 kg	2-220204 314.00 USD ●	2-220204.D 402.00 USD ●
Perforated Aluminum Plate for Table 220035	1494 mm	994 mm	2 mm	approx. 7,70 kg	2-220206 328.00 USD ●	2-220206.D 416.00 USD ●
Perforated Aluminum Plate for Table 220050	1494 mm	1494 mm	2 mm	approx. 12 kg	2-220207 492.00 USD ●	2-220207.D 626.00 USD ●
Perforated Aluminum Plate for Table 220020	1994 mm	994 mm	2 mm	approx. 10 kg	2-220201 438.00 USD ●	2-220201.D 558.00 USD ●
Perforated Aluminum Plate for Table 220060	1194 mm	994 mm	2 mm	approx. 6,20 kg	2-220208 264.00 USD ●	2-220208.D 334.00 USD ●
Perforated Aluminum Plate for Table 220060 (2x 220208 / 220208.D)				approx. 12 kg	2-220208.2 524.00 USD ●	2-220208.D.2 668.00 USD ●
Perforated Aluminum Plate for Table 220045 (2x 220201 / 220201.D)				approx. 21 kg	2-220201.2 876.00 USD ●	2-220201.D.2 1,114.00 USD ●
Perforated Aluminum Plate for Table 220030 (2x 220204 / 220204.D)				approx. 15 kg	2-220204.2 630.00 USD ●	2-220204.D.2 802.00 USD ●
Perforated Aluminum Plate for Table 220040 (2x 220207 / 220207.D)				approx. 23 kg	2-220207.2 986.00 USD ●	2-220207.D.2 1,248.00 USD ●
Perforated Aluminum Plate for Table 220055 (4x 220201 / 220201.D)				approx. 41 kg	2-220201.4 1,752.00 USD ●	2-220201.D.4 2,230.00 USD ●
Perforated Aluminum Plate for Table 220040 (3x 220206 / 220206.D)				approx. 23 kg	2-220206.3 984.00 USD ●	2-220206.D.3 1,248.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Octagonal Table with table side 150 mm



Description:

The octagonal table is particularly suitable for use on manipulators of robot cells. It offers similar clamping options as a Siegmund welding table system 22 due to the parallel hole pattern on the top. To meet your individual requirements, the table can be adapted to your production environment on request.

Material S355J2+N Steel.

Prices based on quantity.

Discount:

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

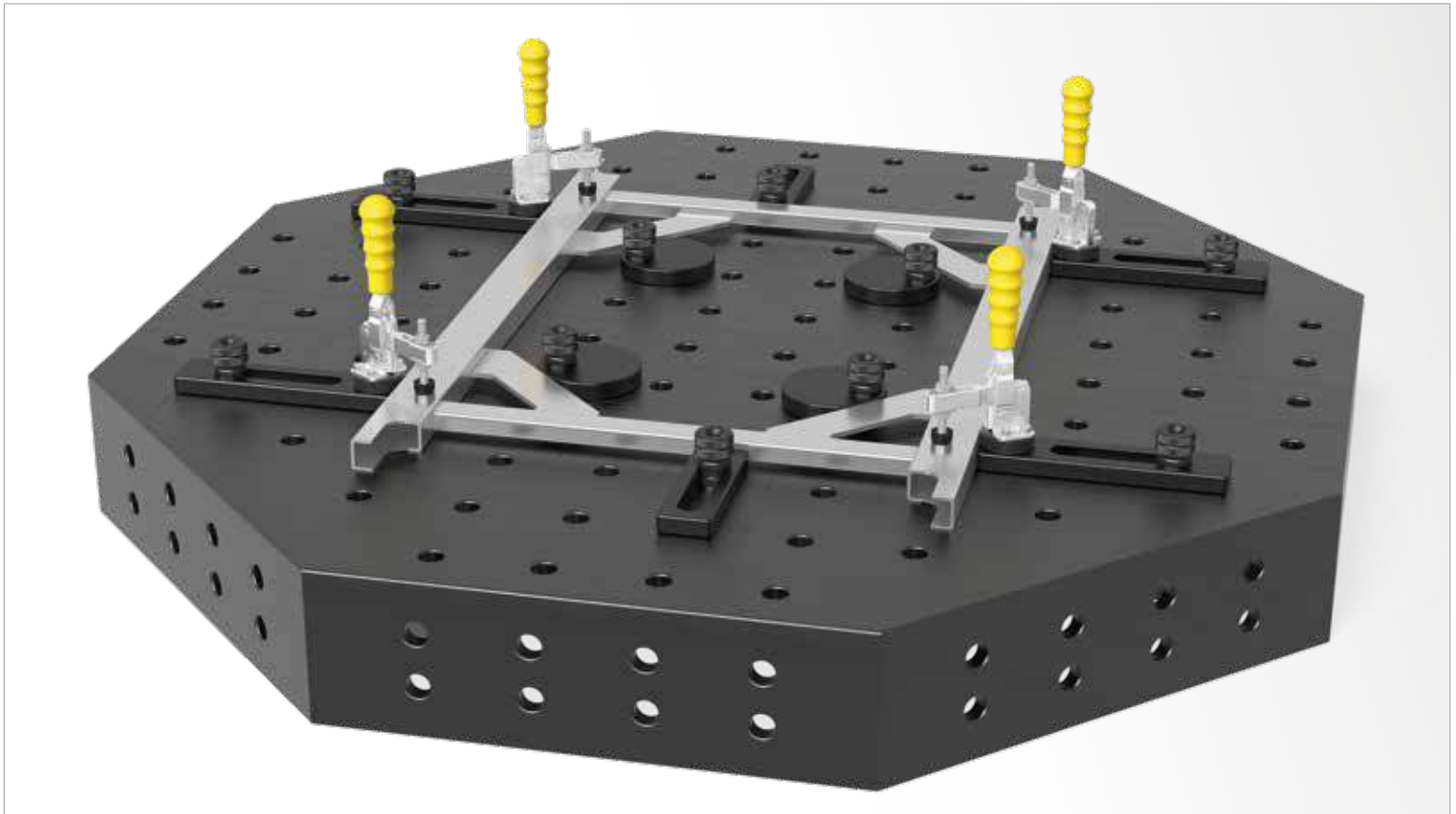
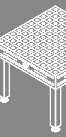
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

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.

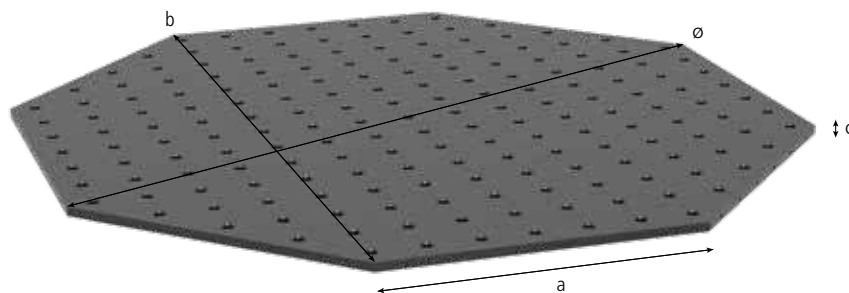
Foot plates or adapter plates are not included as standard in the octagonal tables.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table SW 800x150 Plasma nitrided without legs	331 mm	800 mm	150 mm	866 mm	18 mm	approx. 209 kg	2-920822.P 6,424.00 USD ○
Octagonal Table SW 1000x150 Plasma nitrided without legs	414 mm	1000 mm	150 mm	1082 mm	18 mm	approx. 276 kg	2-921022.P 7,370.00 USD ○
Octagonal Table SW 1200x150 Plasma nitrided without legs	497 mm	1200 mm	150 mm	1299 mm	18 mm	approx. 368 kg	2-921222.P 10,960.00 USD ○
Octagonal Table SW 1400x150 Plasma nitrided without legs	580 mm	1400 mm	150 mm	1515 mm	18 mm	approx. 477 kg	2-921422.P 11,906.00 USD ○
Octagonal Table SW 1500x150 Plasma nitrided without legs	621 mm	1500 mm	150 mm	1624 mm	18 mm	approx. 525 kg	2-921522.P 12,850.00 USD ○
Octagonal Table SW 1600x150 Plasma nitrided without legs	663 mm	1600 mm	150 mm	1732 mm	18 mm	approx. 604 kg	2-921622.P 13,796.00 USD ○
Octagonal Table SW 1700x150 Plasma nitrided without legs	704 mm	1700 mm	150 mm	1840 mm	18 mm	approx. 655 kg	2-921722.P 14,968.00 USD ○
Octagonal Table SW 1800x150 Plasma nitrided without legs	746 mm	1800 mm	150 mm	1948 mm	18 mm	approx. 710 kg	2-921822.P 14,740.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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. 220500) and bolts.

Material S355J2+N Steel.

Prices based on quantity.

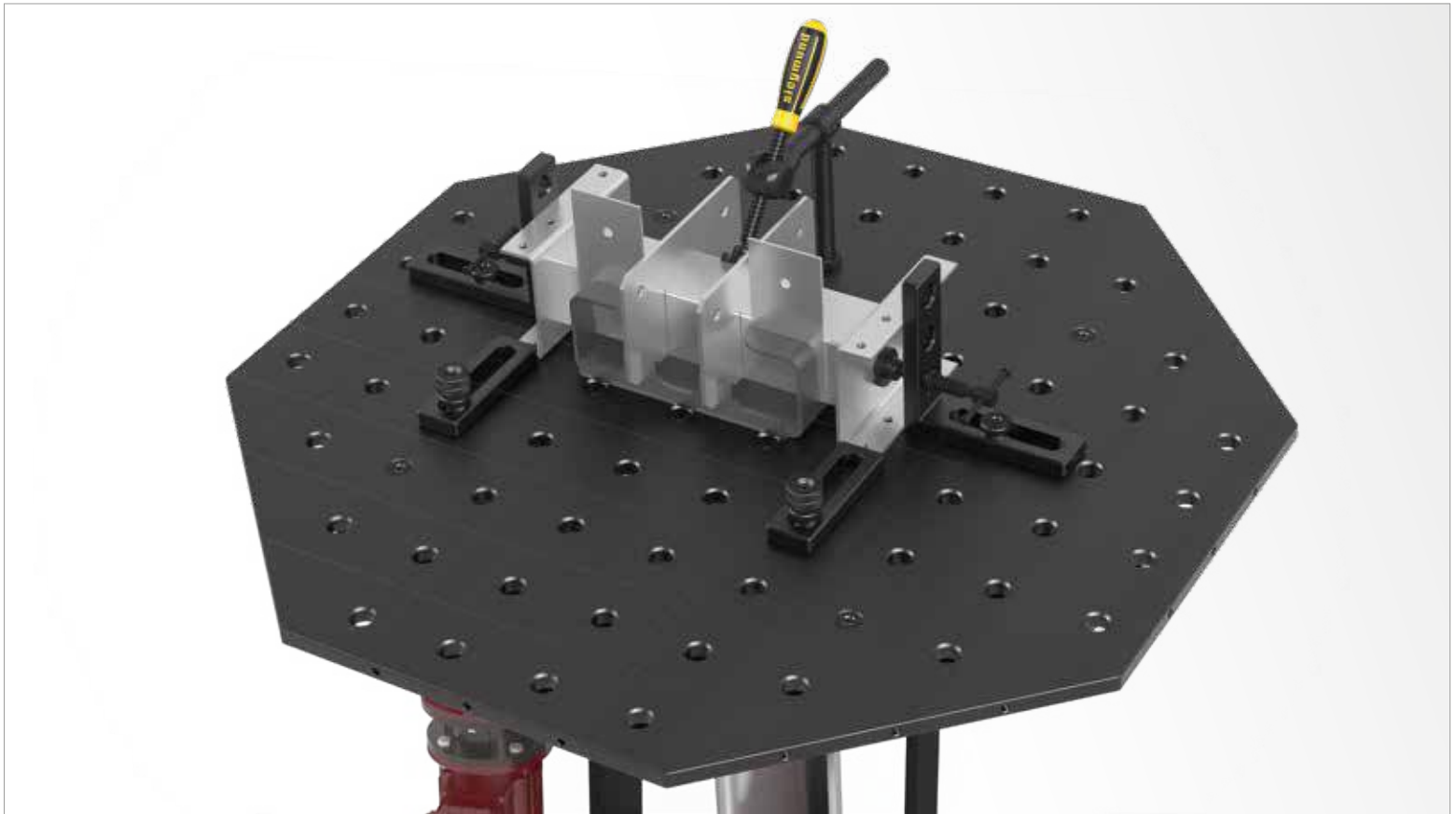
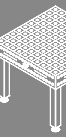
Discount:

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.siegmund.com.



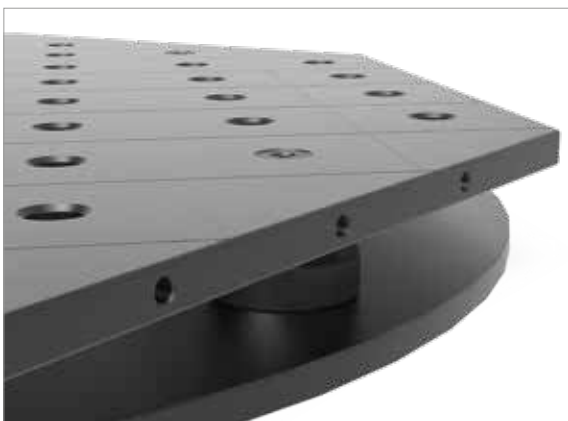
	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Plate SW 600x18 Plasma nitrided without legs	249 mm	600 mm	18 mm	649 mm	18 mm	approx. 79 kg	2-930600.P 3,022.00 USD ○
Octagonal Plate SW 800x18 Plasma nitrided without legs	331 mm	800 mm	18 mm	866 mm	18 mm	approx. 112 kg	2-930800.P 3,778.00 USD ○
Octagonal Plate SW 1000x18 Plasma nitrided without legs	414 mm	1000 mm	18 mm	1082 mm	18 mm	approx. 155 kg	2-931000.P 4,534.00 USD ○
Octagonal Plate SW 1200x18 Plasma nitrided without legs	497 mm	1200 mm	18 mm	1299 mm	18 mm	approx. 220 kg	2-931200.P 5,716.00 USD ○
Octagonal Plate SW 1400x18 Plasma nitrided without legs	580 mm	1400 mm	18 mm	1515 mm	18 mm	approx. 305 kg	2-931400.P 7,190.00 USD ○
Octagonal Plate SW 1500x18 Plasma nitrided without legs	621 mm	1500 mm	18 mm	1636 mm	18 mm	approx. 340 kg	2-931500.P 7,622.00 USD ○
Additional sizes upon request							. ○
Surcharge for customer specific modification by hole pattern adaption.							0-940000.1 790.00 USD ○

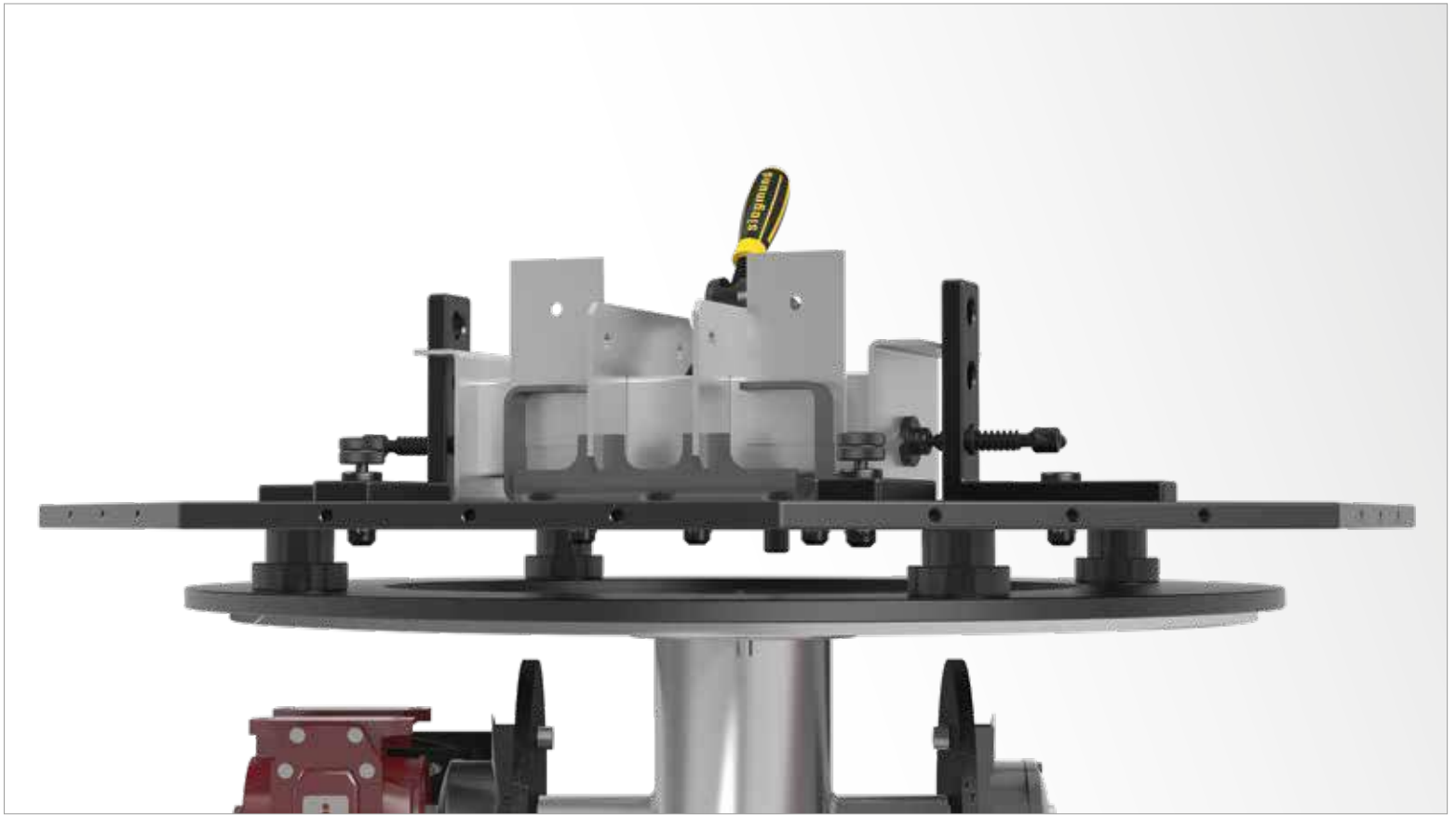
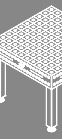
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Support and Clamping Sleeve

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:	Grid element spacing 100 mm
Support and Clamping Sleeve - burnished	45 mm	70 mm	approx. 0,70 kg	2-220500 42.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 446
Leg standard equipment 700



Page 446
Leg standard equipment 800



Page 447
Leg height-adjustable 500-800



Page 447
Leg height-adjustable 550-900



Page 448
**Leg with Caster and
Locking Brake 700**



Page 449
**Leg height-adjustable with
Caster and locking Brake 600-850**



Page 450
Leg with Floor Anchoring 700

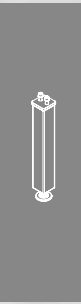


Table Legs

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.

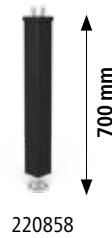


LEG STANDARD EQUIPMENT

Page 446

STYLES

700
800
Special Sizes



Bearing load:
1,000 kg
per leg



Bearing load:
1,000 kg
per leg

LEG HEIGHT-ADJUSTABLE

Page 447

STYLES

500-800
550-900
Special Sizes



Bearing load:
1,000 kg
per leg



Bearing load:
1,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE

Page 448

STYLES

700
Special Sizes



Bearing load:
800 kg
per leg

LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

Page 449

STYLES

600-850
Special Sizes



Bearing load:
800 kg
per leg

LEG WITH FLOOR ANCHORING

Page 450

STYLES

700
Special Sizes



Bearing load:
1,000 kg
per leg



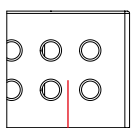
CAPACITY PER TABLE LEG

Maximum allowable load per leg for all system 22 tables equals 800-1.000 kg, depending on leg type.

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

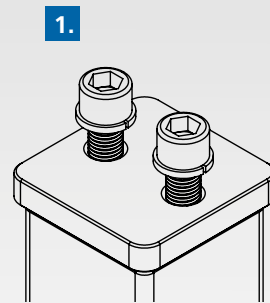
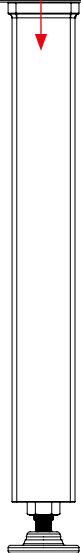
Please consult with manufacturer if higher overall loads are required.

FOR MAXIMUM SECURITY:



Allowable bearing load

Vertical force direction: 16 kN



1. HEXAGON SOCKET SCREW

- with M16 thread
- with Spring ring

2. MATERIAL

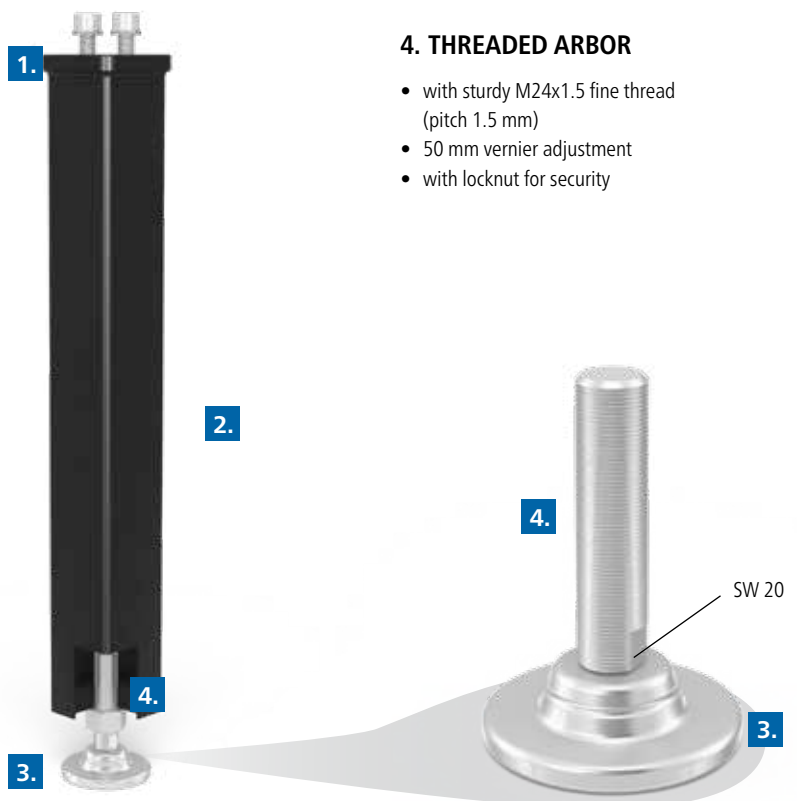
- sturdy square pipe 80x80 mm
- for increased stability
- powder coated

3. BASE PLATE

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

4. THREADED ARBOR

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

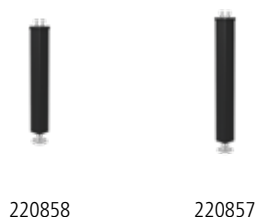
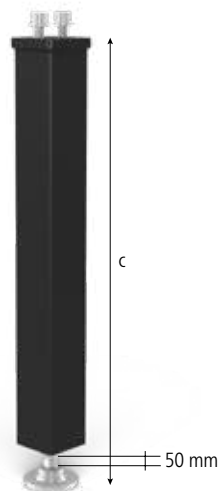


Leg standard equipment

Description:

Leg Basic Equipment, available in various lengths (special lengths upon demand). The load-bearing capacity of the leg is 1,000 kg, height 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.



220858

220857



280859.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg standard equipment 700 - 50 mm vernier adjustment			700 mm	7,50 kg	2-220858 98.00 USD ●
Leg standard equipment 800 - 50 mm vernier adjustment			800 mm	8,10 kg	2-220857 98.00 USD ●
Further sizes and heights available upon request					○
Sleeve for Table Leg - Aluminum - for Leg height-adjustable System 28 - for Leg Standard / Floor anchoring System 22	88 mm	88 mm	150 mm	0,45 kg	2-280859.1 24.00 USD ○

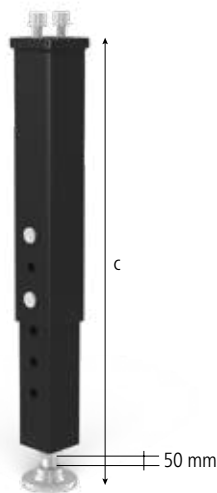
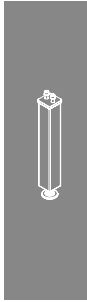
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg height-adjustable

Description:

Leg is height adjustable in a range of 500-800 mm or 550-900 mm. The load-bearing capacity remains 1,000 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.



220878



220877



160859



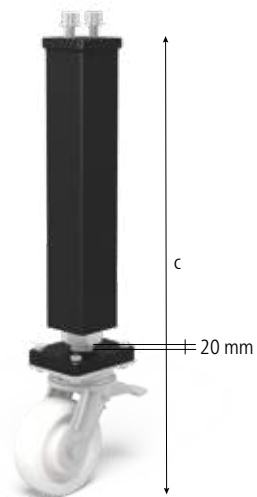
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg height-adjustable 500-800 - 50 mm vernier adjustment - Table height 650-950 mm adjustable			500-800 mm	9,50 kg	2-220878 202.00 USD ●
Leg height-adjustable 550-900 - 50 mm vernier adjustment - Table height 700-1050 mm adjustable			550-900 mm	10,30 kg	2-220877 202.00 USD ●
Additional sizes upon request					○
Sleeve for Table Leg - for Leg Standard / Floor anchoring System 16 - for Leg height-adjustable System 22	75 mm	75 mm	100 mm	0,35 kg	2-160859 18.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg with Caster and Locking Brake

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.



220866



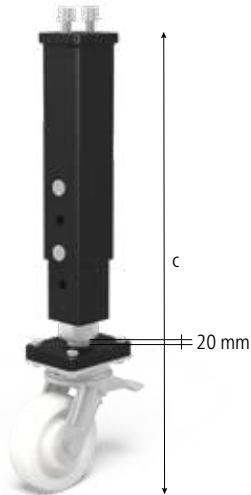
	Height: (c)	Weight:	Item No.
Leg with Caster and Locking Brake 700 - 20 mm vernier adjustment	700 mm	13,30 kg	2-220866 ● 240.00 USD
Additional sizes upon request			○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.



220879



Leg height-adjustable with Caster and locking Brake 600-850
 - 20 mm vernier adjustment
 - Table height 750-1000 mm adjustable

Height: (c)	Weight:	Item No.
600-850 mm	15,20 kg	2-220879 ● 270.00 USD

Additional sizes upon request

○

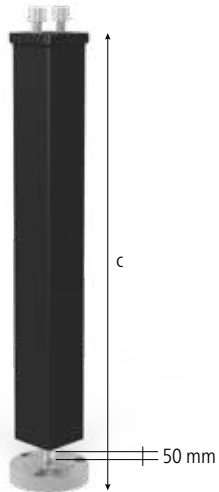
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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).

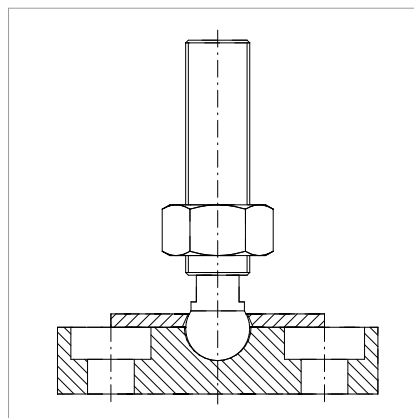
Leg Boot protects threaded arbor from dirt and prevents damages to the welding hose, due to the constant contact with the threaded arbor.



220874



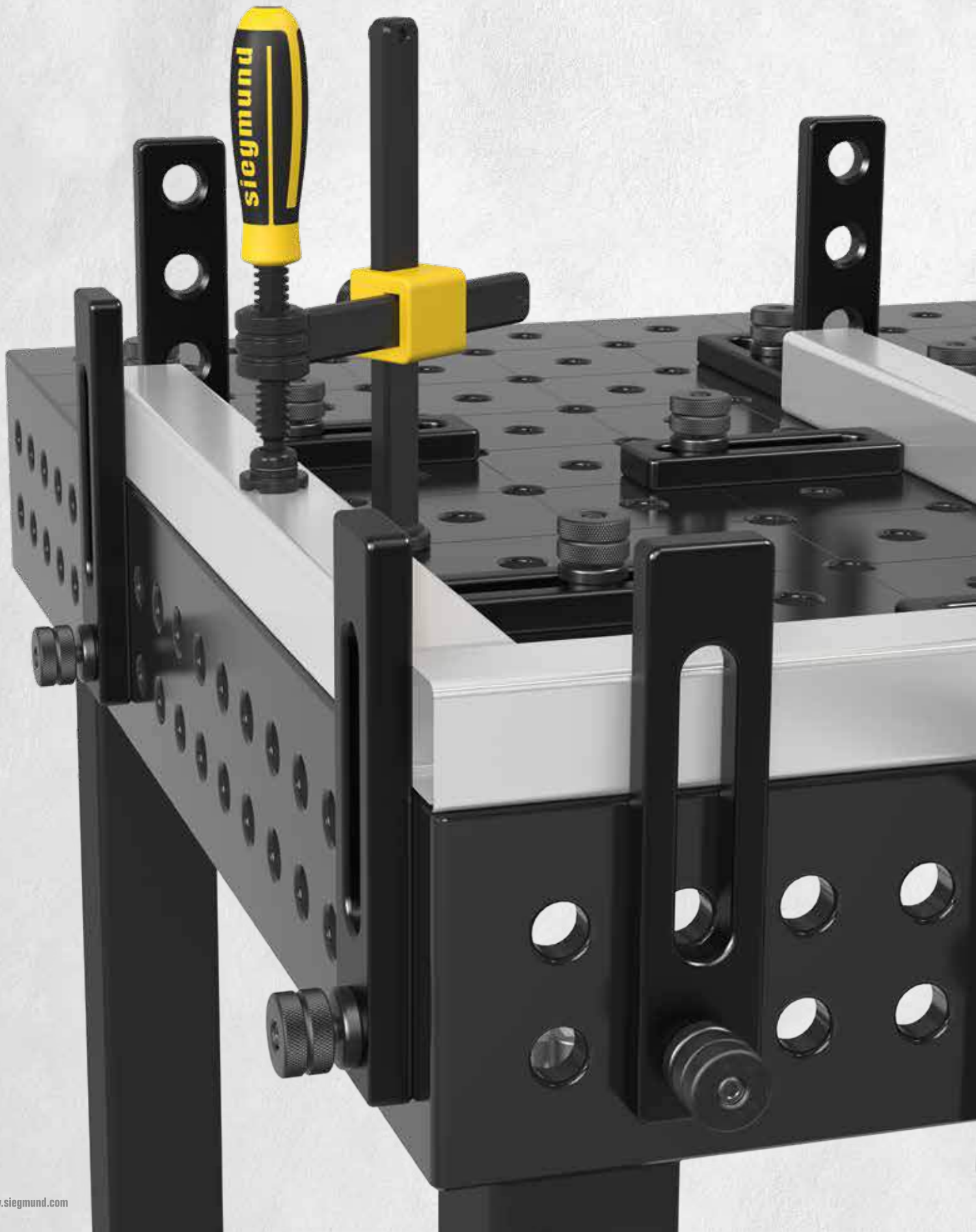
280859.1





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Leg with Floor Anchoring 700 - 50 mm vernier adjustment - Additional sizes upon request			700 mm		9,00 kg	2-220874 196.00 USD ●
Additional sizes upon request						○
Sleeve for Table Leg - Aluminum - for Leg height-adjustable System 28 - for Leg Standard / Floor anchoring System 22	88 mm	88 mm	150 mm		0,45 kg	2-280859.1 24.00 USD ○
Plate for Floor Anchoring - Interchangeable with base plate for leg standard equipment and leg height adjustable.			130 mm	130 mm	3,00 kg	2-280868 82.00 USD ●
Heavy- Duty Bolt - 1 set = 3 screws + 3 studs					0,40 kg	2-280869 32.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 454
Eccentric Stop Ø 100



Page 454
**Eccentric Stop Ø 60
with M10 thread**



Page 455
Universal Stop 150 L



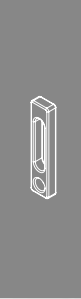
Page 456
Universal Stop 225 L



Page 456
Universal Stop 300



Page 457
Universal Stop 500 S



Eccentric Stop

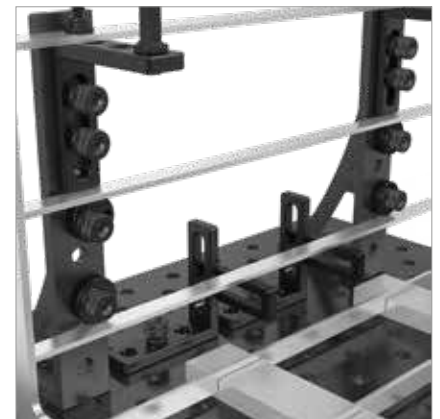
Description:

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



220403.N

220402.N



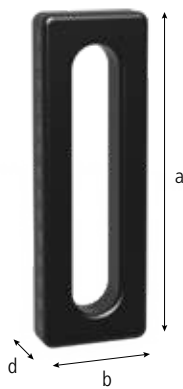
		Ø: (o)	MS: (d)	Weight:	Item No.
Eccentric Stop Ø 100 - nitrided - also serves as support surface		100 mm	18 mm	1,04 kg	2-220403.N 36.00 USD
Eccentric Stop Ø 60 with M10 thread - nitrided - for ground connection		60 mm	18 mm	0,33 kg	2-220402.N 36.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 150 L

Description:

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



220410.N



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 150 L - nitrided - Standard with fine scaling on both sides	150 mm	50 mm	18 mm	100 mm	0,67 kg	2-220410.N 50.00 USD

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 225 L / Universal Stop 300

Description:

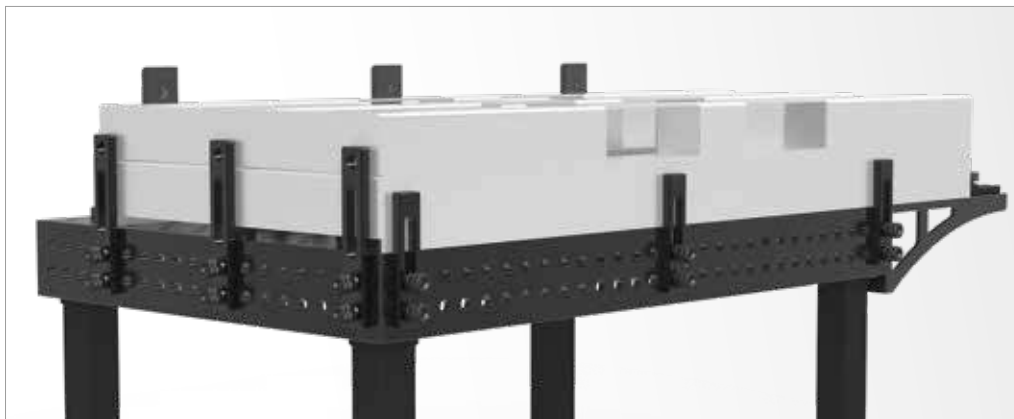
Universal Stop 225 L, by combining oblong slot (0-100 mm adjustable range) and system bore holes, it can be firmly fastened or variably adjusted. In addition, it can be used with prisms and adapters.



220420.N



220426.N



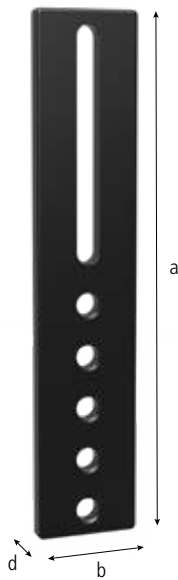
		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 225 L - nitrided - Standard with fine scaling on both sides		225 mm	50 mm	18 mm	100 mm	1,14 kg	2-220420.N 78.00 USD
Universal Stop 300 - 3 system bore holes - nitrided		300 mm	50 mm	18 mm	100 mm	1,54 kg	2-220426.N 86.00 USD

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

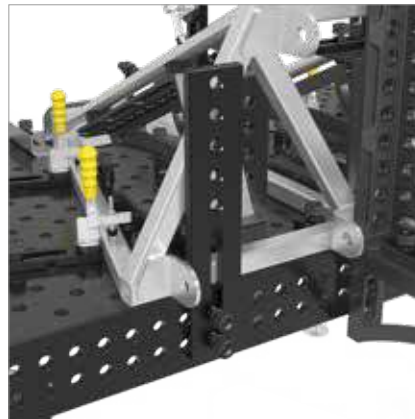
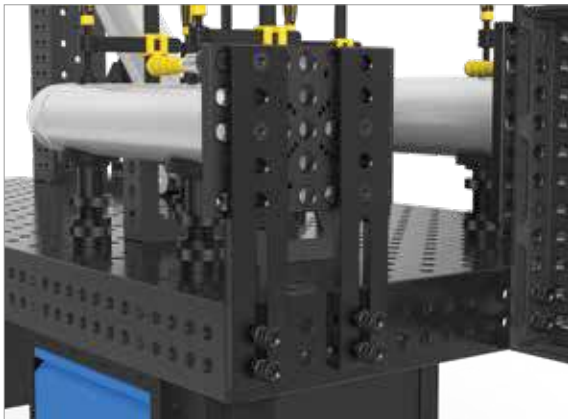
Universal Stop 500 S

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.



220430.N

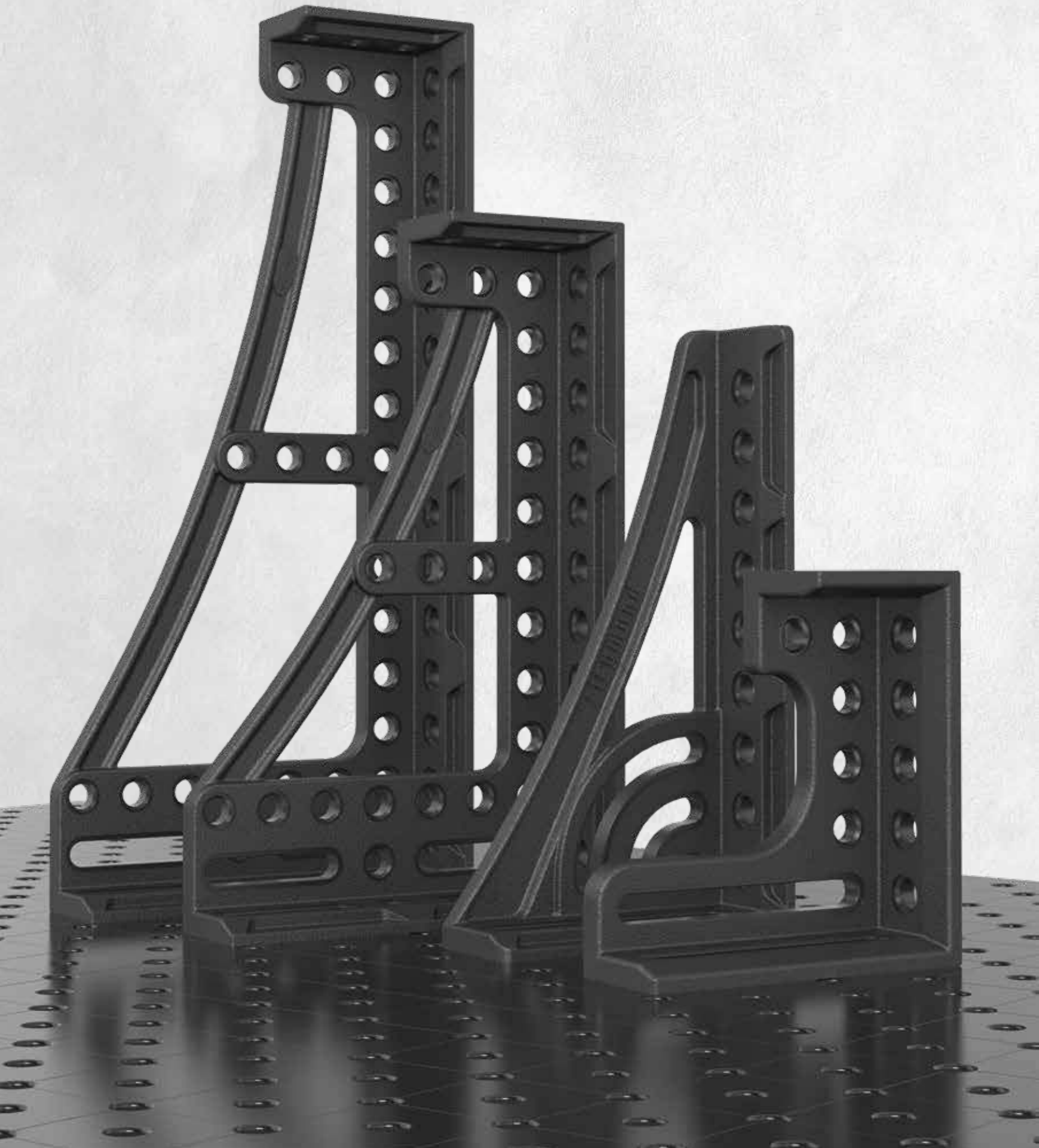


Universal Stop 500 S
- 5 system drill holes
- nitrided



Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
500 mm	100 mm	18 mm	200 mm	6,01 kg	2-220430.N 118.00 USD

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 460
Stop and Clamping Square 175 L



Page 460
Stop and Clamping Square 175 VL



Page 460
Stop and Clamping Square 175 WL



Page 462
Stop and Clamping Square 300 G



Page 463
Stop and Clamping Square 500 G



Page 464
Stop and Clamping Square 300x195



Page 465
**Universal Angle
Hydromechanical Clamping**



Page 466
**Stop and Clamping Square 500 G
with rotation angle**



Page 467
Stop and Clamping Square 300 GK



Page 468
Stop and Clamping Square 600 GK



Page 469
Stop and Clamping Square 800 GK



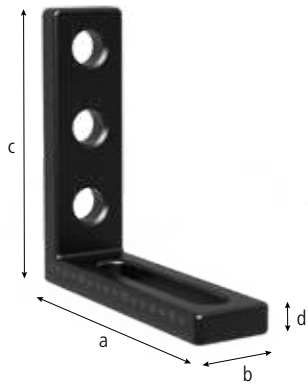
Page 470
**Square U-Shape
Plasma nitrided**



Stop and Clamping Square 175

Description:

Stop and Clamping Square 175 L, can be utilized as a multifunctional adjustable angle, by combining system bore holes and oblong slot. This component also functions well as a stop for large parts.



220110.N

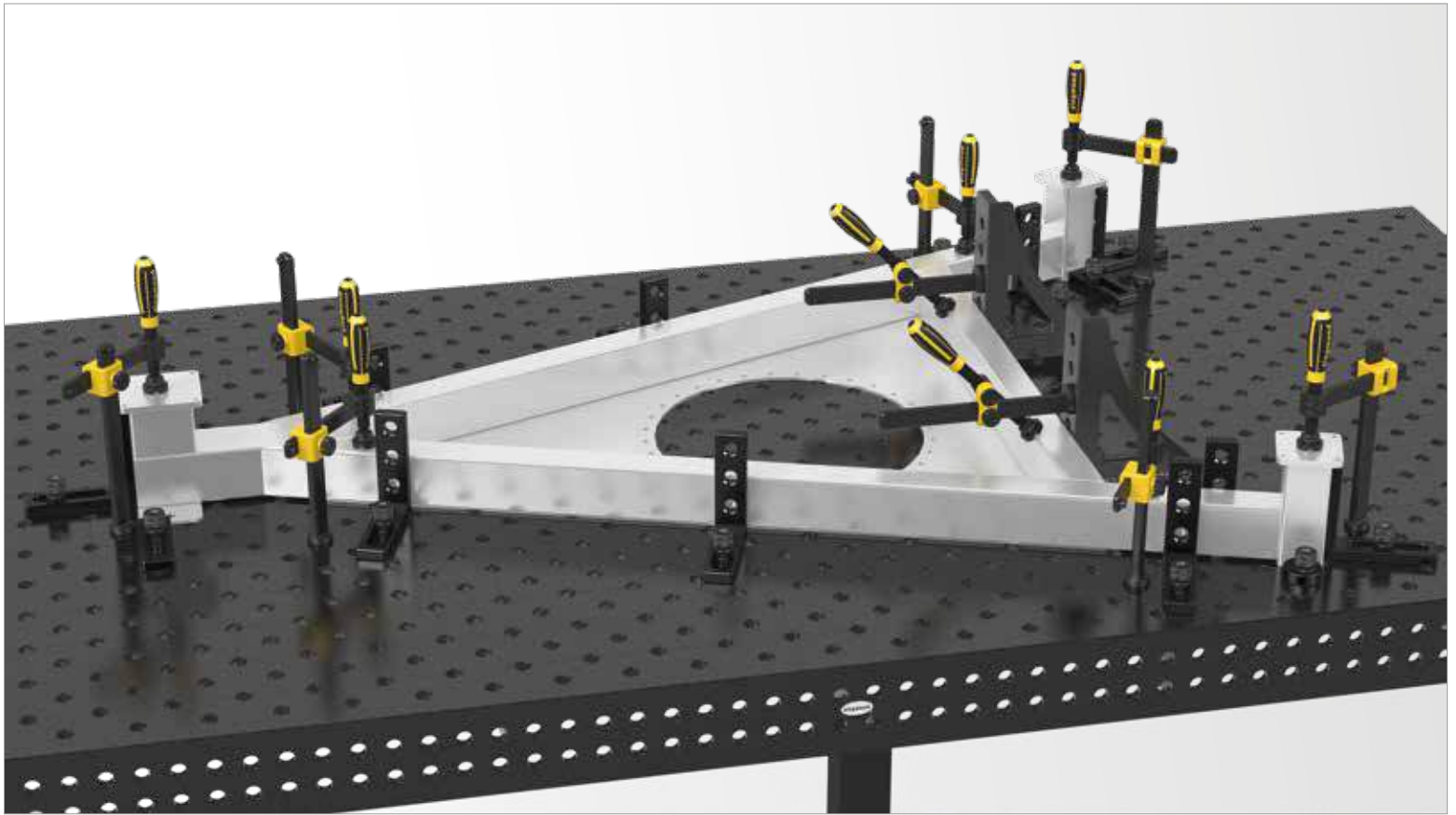


220113.N



220111.N





		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L - drill hole / oblong slot - nitrided - Standard with fine scaling on both sides		175 mm	50 mm	175 mm	18 mm	1,65 kg	2-220110.N 116.00 USD ●
Stop and Clamping Square 175 VL - drill hole / drill hole - nitrided		175 mm	50 mm	175 mm	18 mm	1,96 kg	2-220113.N 102.00 USD ●
Stop and Clamping Square 175 WL - slot / slot 100 - nitrided - Standard with fine scaling on both sides - flexible in any direction		175 mm	50 mm	175 mm	18 mm	1,57 kg	2-220111.N 116.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

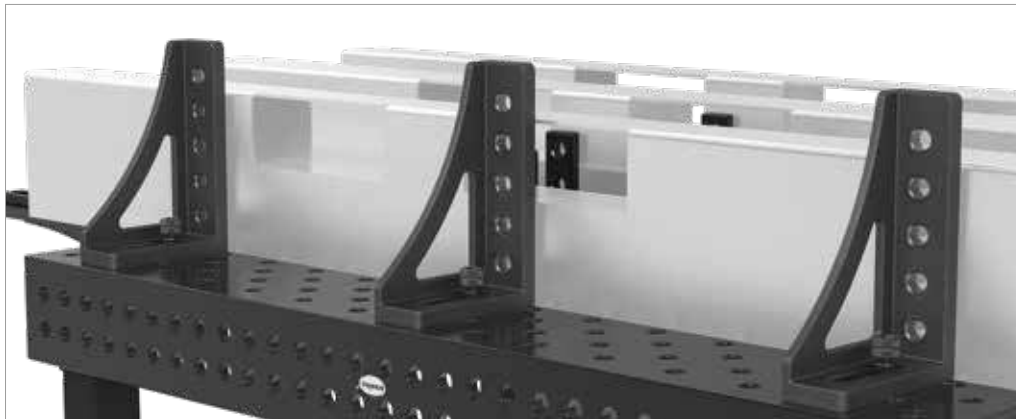
Stop and Clamping Square 300 G

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.



220152.N



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 G - stop on left - nitrided - standard with fine scale	200 mm	75 mm	300 mm	approx. 20 mm	5,70 kg	2-220152.N 158.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.



220162.N



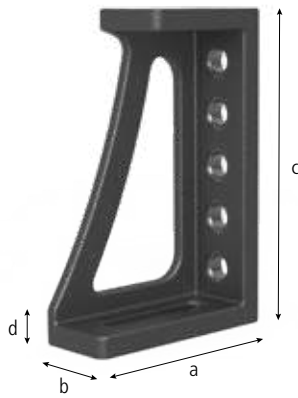
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 500 G - stop on left - nitrided - standard with fine scale	193 mm	75 mm	493 mm	approx. 20 mm	7,80 kg	2-220162.N 204.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 300x195

Description:

Stop and Clamping Square 300x195, 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.



220116.N



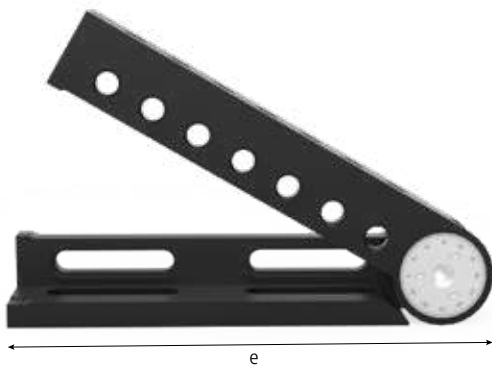
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300x195 - nitrided - standard with fine scale	195 mm	75 mm	300 mm	approx. 20 mm	6,74 kg	2-220116.N 130.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

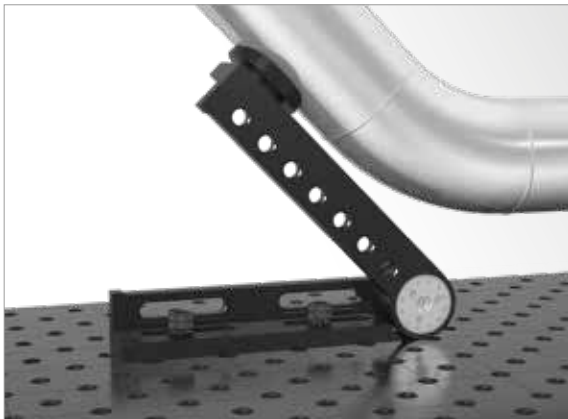
Universal Angle Hydromechanical Clamping

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 hex wrench is available as Item No. 280854.



220171



Universal Angle Hydromechanical Clamping
- burnished

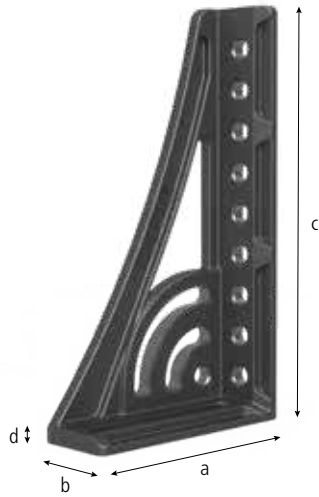
SL: (e)	Weight:	Item No.
475 mm	23,00 kg	2-220171 ● 878.00 USD

SL=Side length; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 500 G with rotation angle

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.



220164.N

220165.N



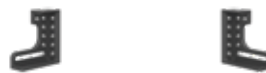
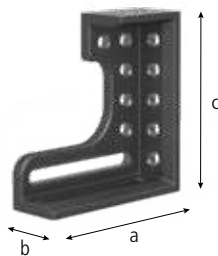
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 500 G with rotation angle - stop on left - Cast iron / nitrided - standard with fine scale	276 mm	95 mm	500 mm	approx. 20 mm	11,60 kg	2-220164.N 296.00 USD
Stop and Clamping Square 500 G with rotation angle - stop on right - Cast iron / nitrided - standard with fine scale	276 mm	95 mm	500 mm	approx. 20 mm	11,60 kg	2-220165.N 296.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 300 GK

Description:

Stop and Clamping Square 300 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.



220124.N

220126.N



		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 GK							
- stop on left	◆ 100 N BAR	280 mm	95 mm	300 mm	approx. 20 mm	11,50 kg	2-220124.N ●
- nitrided							274.00 USD
- standard with fine scale							
Stop and Clamping Square 300 GK							
- stop on right	◆ 100 N BAR	280 mm	95 mm	300 mm	approx. 20 mm	11,50 kg	2-220126.N ●
- nitrided							274.00 USD
- standard with fine scale							

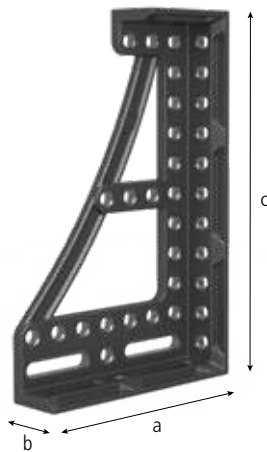
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 600 GK

Description:

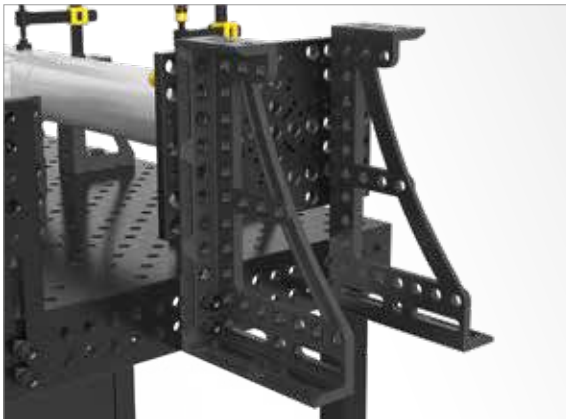
Stop and Clamping Square 600 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.

Additional bore row at the stop side for more stability.



220134.N

220136.N



		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 600 GK							
- stop on left	◆						
- nitrided	100						
- standard with fine scale	N						
	BAR	373 mm	95 mm	600 mm	approx. 20 mm	21,80 kg	2-220134.N 418.00 USD
Stop and Clamping Square 600 GK							
- stop on right	◆						
- nitrided	100						
- standard with fine scale	N						
	BAR	373 mm	95 mm	600 mm	approx. 20 mm	21,80 kg	2-220136.N 418.00 USD

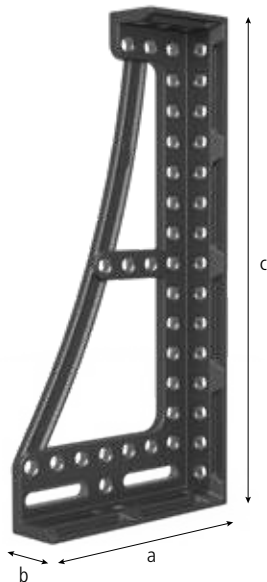
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 800 GK

Description:

Stop and Clamping Square 800 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.

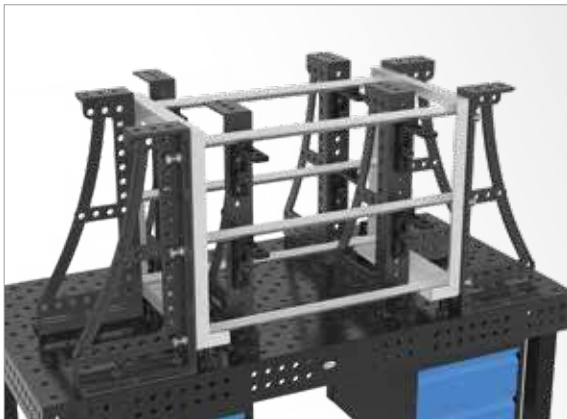
Additional bore row at the stop side for more stability.



220144.N



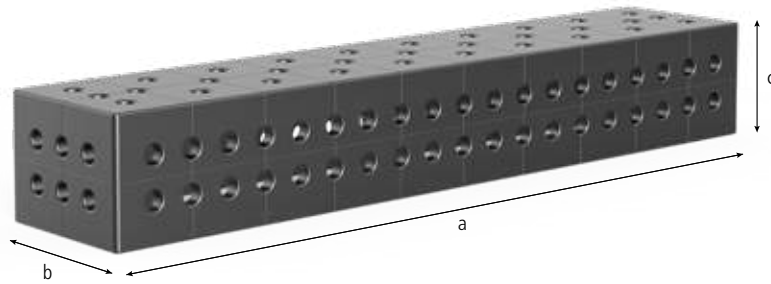
220146.N



		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 800 GK							
- stop on left	◆ 100 N BAR	373 mm	95 mm	800 mm	approx. 20 mm	25,80 kg	2-220144.N ●
- nitrided							650.00 USD
- standard with fine scale							
Stop and Clamping Square 800 GK							
- stop on right	◆ 100 N BAR	373 mm	95 mm	800 mm	approx. 20 mm	25,80 kg	2-220146.N ●
- nitrided							650.00 USD
- standard with fine scale							

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Square U-Shape 200/150



Description:

Square U-Shape 200/150 (sides 150 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. 220560.N).

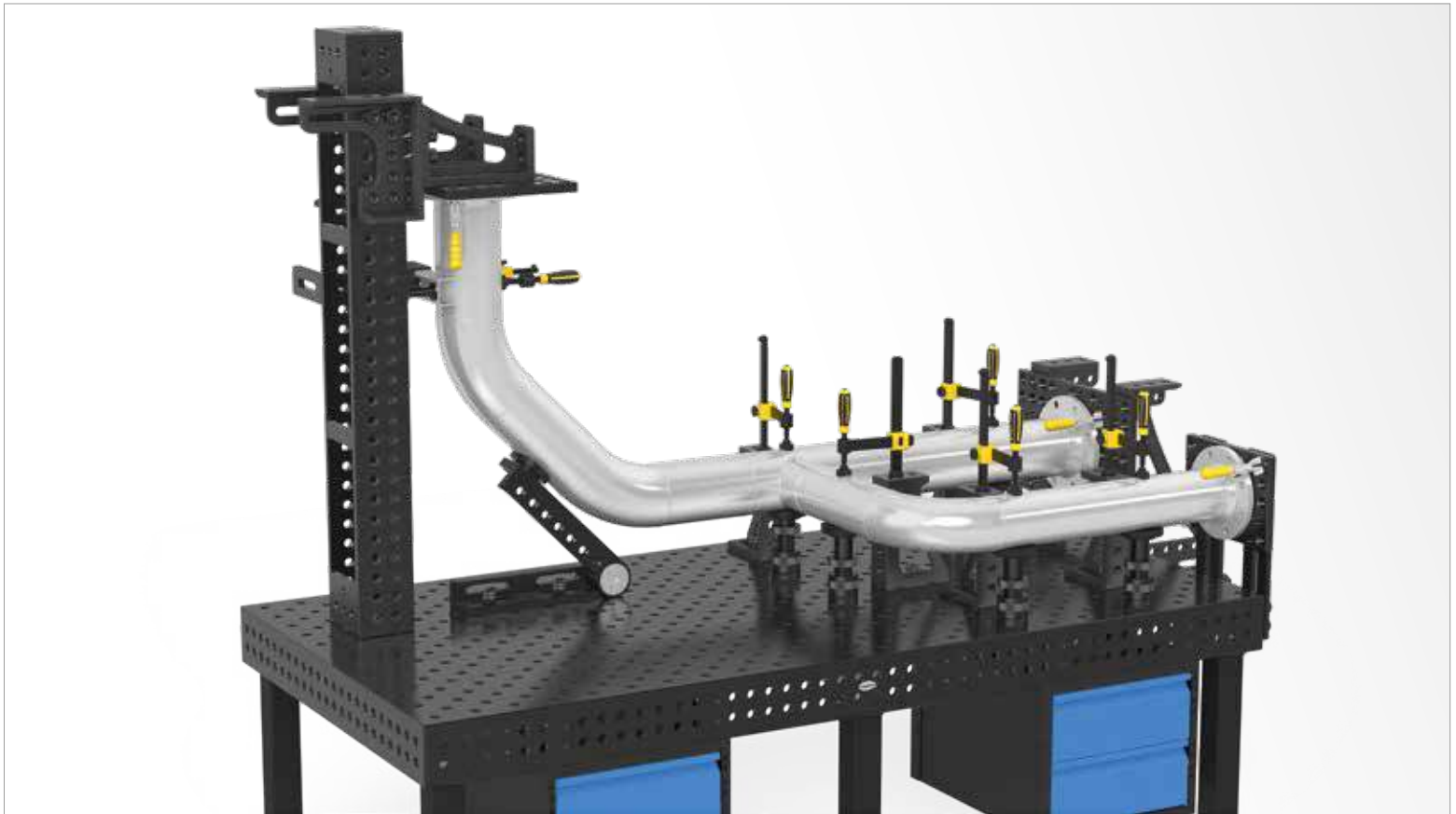
If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

The diagonal hole arrangement enables many clamping- and combination options in connection with other squares and stops.

The 100x100 mm grid simplifies orientation.

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs (except 220360.P).

Please find pictures for every product size at www.siegmund.com.



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 200x200x150 Plasma nitrided	200 mm	200 mm	150 mm	18 mm	approx. 19 kg	2-220350.P 554.00 USD ●
Square U-Shape 500x200x150 Plasma nitrided	500 mm	200 mm	150 mm	18 mm	approx. 43 kg	2-220360.P 716.00 USD ●
Square U-Shape 1000x200x150 Plasma nitrided	1000 mm	200 mm	150 mm	18 mm	approx. 75 kg	2-220370.P 1,166.00 USD ●
Square U-Shape 1500x200x150 Plasma nitrided	1500 mm	200 mm	150 mm	18 mm	approx. 107 kg	2-220380.P 1,562.00 USD ●
Square U-Shape 2000x200x150 Plasma nitrided	2000 mm	200 mm	150 mm	18 mm	approx. 141 kg	2-220390.P 2,000.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.





Page 476
Fast Clamping Bolt short



Page 476
Fast Clamping Bolt long



Page 477
Universal Bolt, Comfort short



Page 477
Universal Bolt, Comfort long



Page 478
Fast Clamping Bolt, flat short



Page 478
Fast Clamping Bolt, flat long



Page 479
Flush Mount Bolt short



Page 479
Flush Mount Bolt long



Page 480
Positioning Bolt



Page 481
Connecting Bolt short



Page 481
Connecting Bolt long

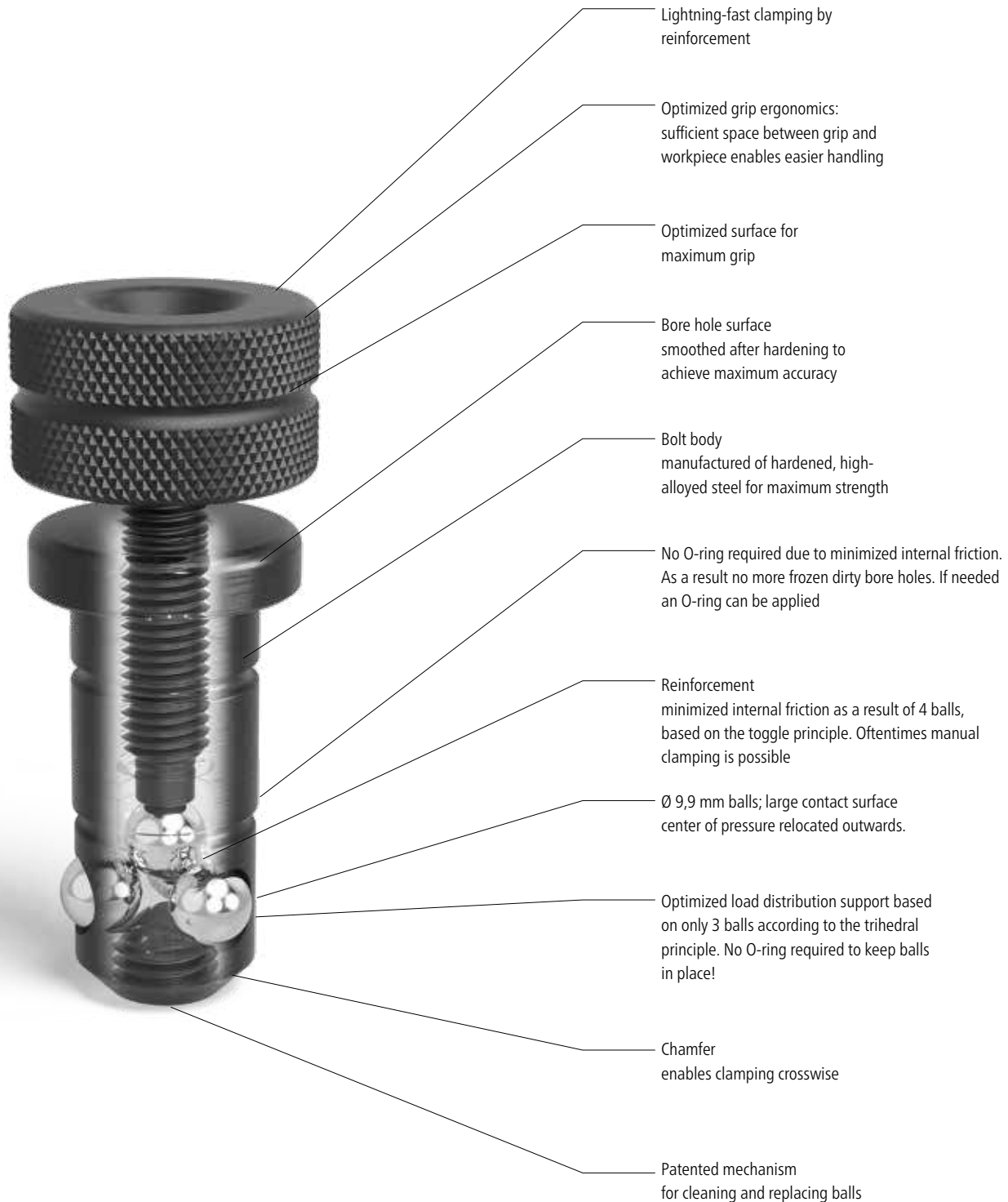


Page 482
Magnetic Clamping Bolt 60

Bolts

Lightning-fast and optimized

Due to its well-engineered mechanism it can be fixed and released by hand within seconds.



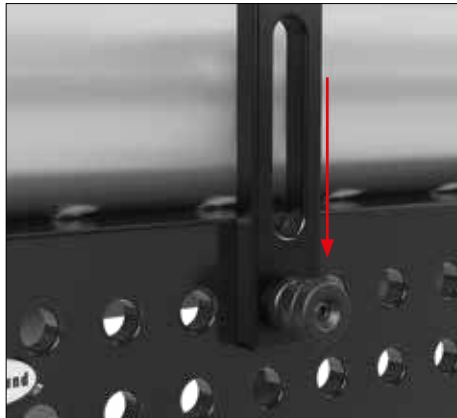


TIGHTENING TORQUE (AM)

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.

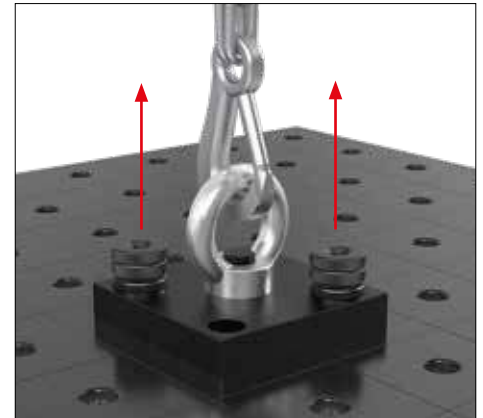
Max. AM of 220510: ≤ 15 Nm



SHEARING FORCE (SK)

The shearing force is the force which reacts laterally to the cross-sectional area of the bolt.

Max. SK of 220510: ≤ 130 kN



TENSILE FORCE (ZK)

The tensile force is the force created when pulling on fixed bolts.

Max. ZK of 220510: ≤ 15 kN

Fast Clamping Bolt



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!



220510



220512



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt short - for clamping 2 components - burnished - with screw top	83 mm	22 mm	0,27 kg	130,00 kN	15,00 Nm	15,00 kN	2-220510 ● 66.00 USD
Fast Clamping Bolt long - for clamping 3 components - burnished - with screw top	101 mm	22 mm	0,32 kg	130,00 kN	15,00 Nm	15,00 kN	2-220512 ● 82.00 USD

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Bolt

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 33 to 39 mm. The long Universal Bolt has a clamping range of 51 to 57 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 hex wrench 14 (Item No. 280854).

This Bolt is NOT approved for combining tables and U-shaped squares!



220532



220533



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Universal Bolt, Comfort short - for clamping 2 components - burnished	93 mm	22 mm	0,35 kg	150,00 kN	15,00 Nm	15,00 kN	2-220532 70.00 USD ●
Universal Bolt, Comfort long - for clamping 3 components - burnished	111 mm	22 mm	0,41 kg	130,00 kN	15,00 Nm	15,00 kN	2-220533 86.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Fast Clamping Bolt, flat

Description:

Flat Burnished Clamping Bolt, mainly used for clamping of oblong holes. Like the countersunk bolt, it reduces protrusion.

Ideal for cordless screwdriver with up to 25 Nm turning moment.

This Bolt is NOT approved for combining tables and U-shaped squares!



220522



220523



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt, flat short - for clamping 2 components - burnished	57 mm	22 mm	0,15 kg	130,00 kN	15,00 Nm	15,00 kN	2-220522 60.00 USD ●
Fast Clamping Bolt, flat long - for clamping 3 components - burnished	75 mm	22 mm	0,20 kg	130,00 kN	15,00 Nm	15,00 kN	2-220523 70.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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!



220528

220529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Flush Mount Bolt short - for clamping 2 components - burnished	49 mm	22 mm	0,12 kg	130,00 kN	15,00 Nm	6,00 kN	2-220528 60.00 USD ●
Flush Mount Bolt long - for clamping 3 components - burnished	67 mm	22 mm	0,16 kg	130,00 kN	15,00 Nm	6,00 kN	2-220529 74.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 Bolt is NOT approved for combining tables and U-shaped squares!



220540



	Length: (a)	Ø: (o)	Weight:	Item No.
Positioning Bolt - burnished	56 mm	22 mm	0,21 kg	2-220540 20.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Connecting Bolt

Description:

Flushmount Connecting Bolt, especially designed to serve as a fixed long-term connection between large Siegmund components, e.g. tables or U-shaped squares.

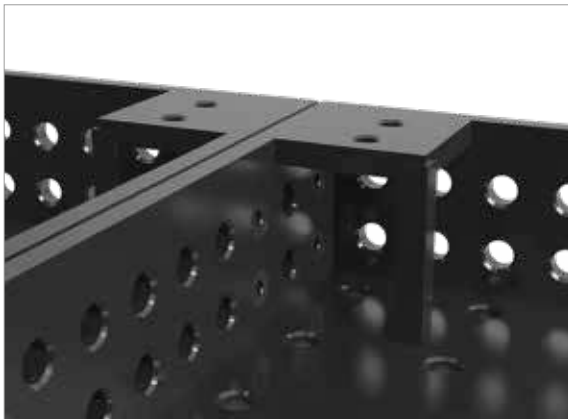
The flush mount hexagon socket and the ability of the clamping bolt to center itself, facilitate simple assembly. The countersunk head and the countersunk-head screw are equipped with a 10 hexagonal bit for clamping.

The Connecting Bolt enables sturdy bolting. The Connecting Bolt is not suitable for the use in oblong slots.



220560.N

220561



		Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt								
- for connecting 2 components	◆ N BAR	36 mm	22 mm	0,06 kg	120,00 kN	15,00 Nm	6,00 kN	2-220560.N ●
- nitrided								28.00 USD
- with hexagon socket								
Connecting Bolt long								
- for connecting 3 components		54 mm	22 mm	0,12 kg	120,00 kN	15,00 Nm	6,00 kN	2-220561 ●
- burnished								38.00 USD
- with hexagon socket								

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

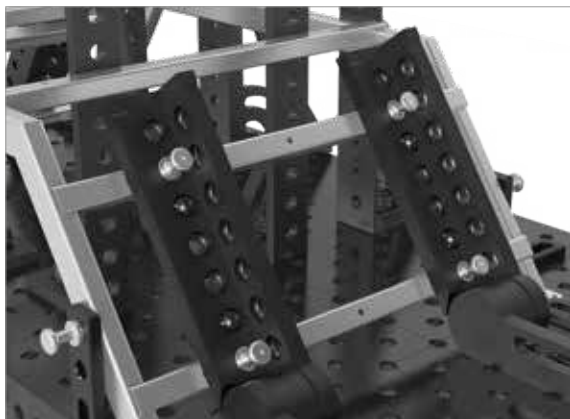
Magnetic Clamping Bolt

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.

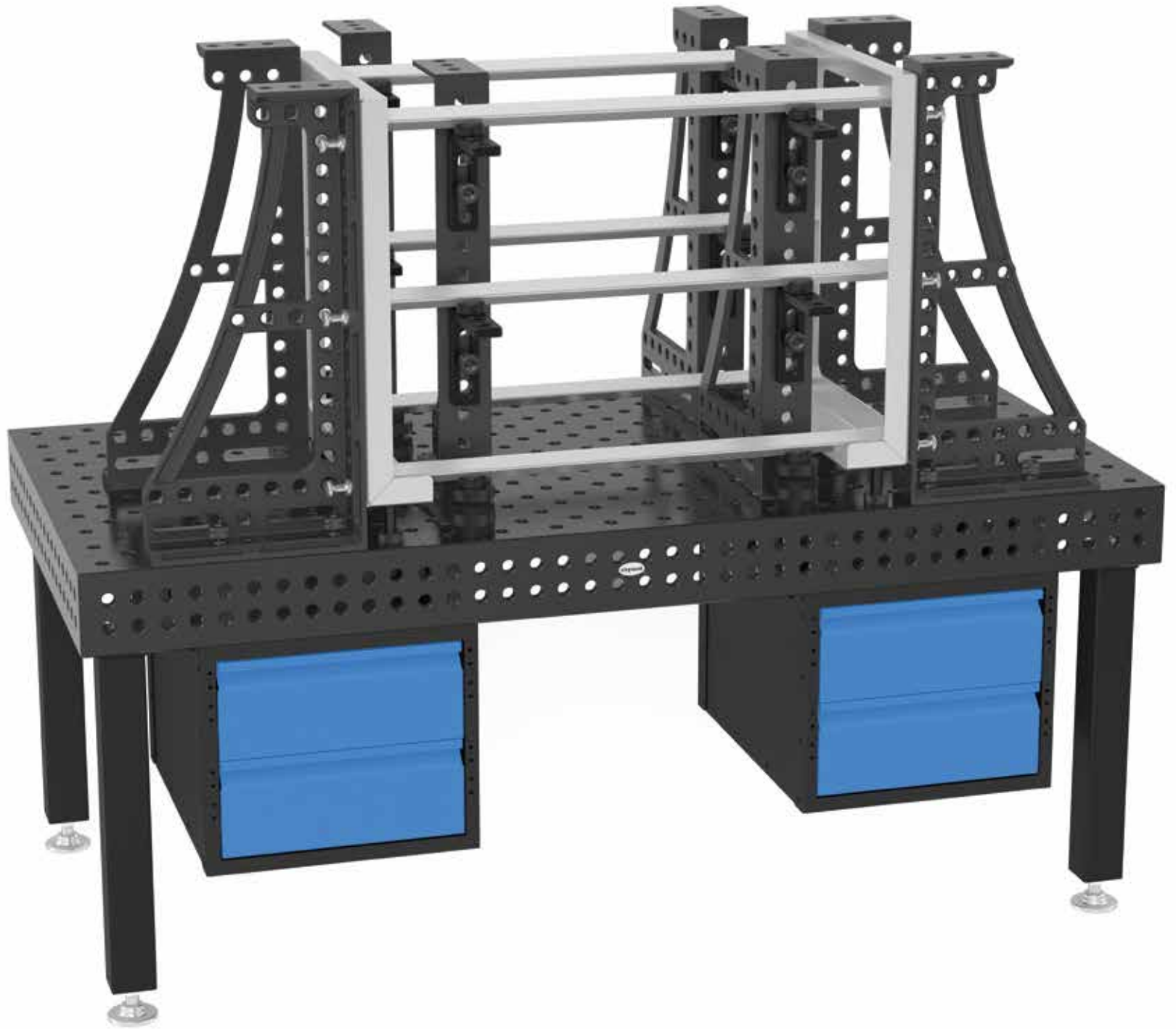


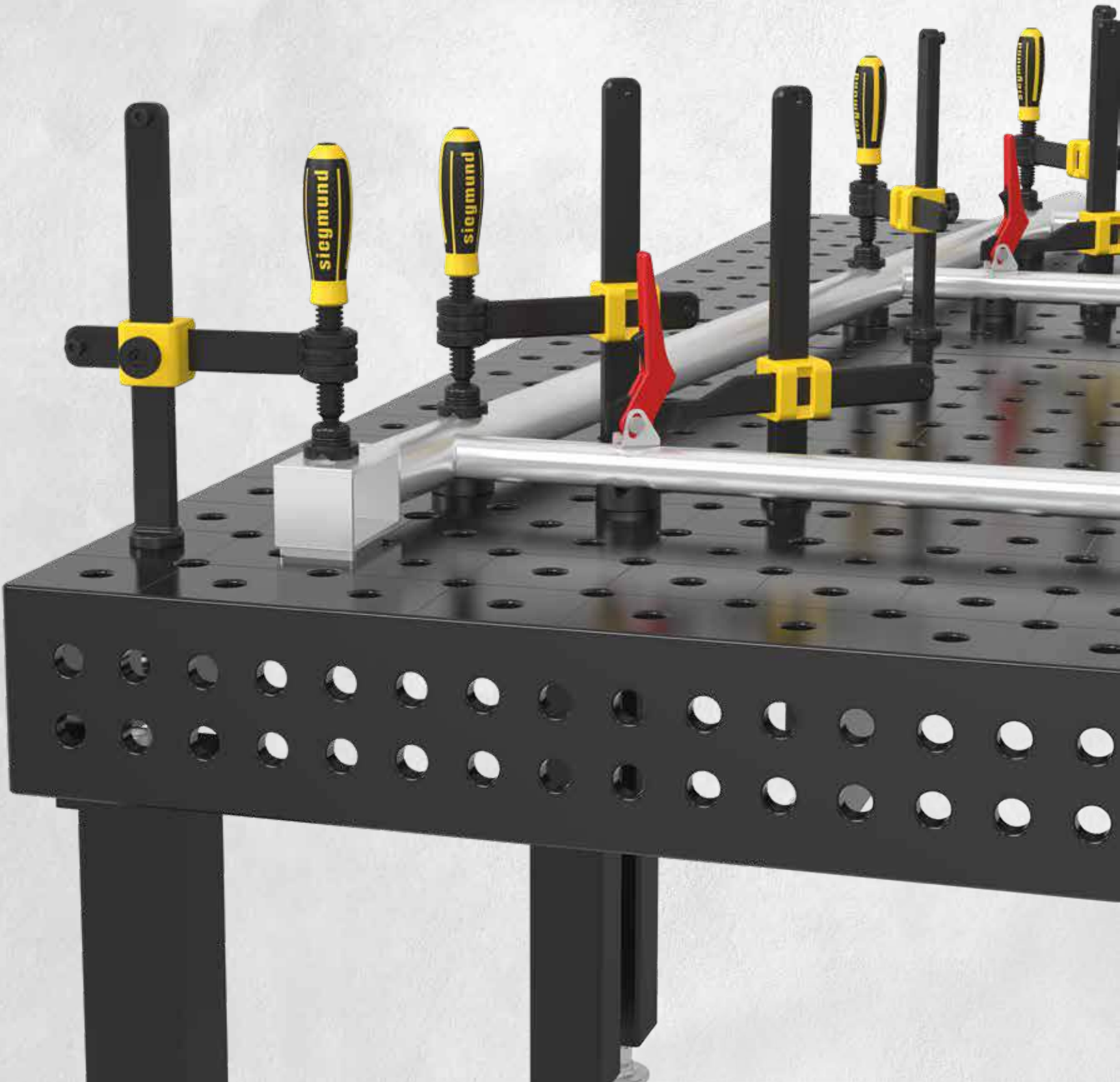
220740



	Length: (a)	Ø: (o)	Weight:	Item No.
Magnetic Clamping Bolt 60 - Length of Shaft 25 mm - Aluminum	ALU 60 mm	22 mm	0,06 kg	2-220740 32.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







Page 488
Professional Screw Clamp



Page 490
Professional Screw Clamp 45°/90°



Page 492
Pipe Clamp Universal



Page 494
Professional Fast Tension Clamp



Page 496
Prism for Screw Clamps



Page 496
Prism for Screw Clamps



Page 496
Prism for Screw Clamps



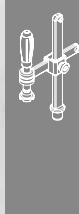
Page 497
Duo Prism Ø 40



Page 497
Duo Prism Ø 40



Page 497
Duo Prism Ø 40



Clamps & Accessories

220631
200 mm

280617

280662

220618

220632
310 mm

220634.2
170 mm

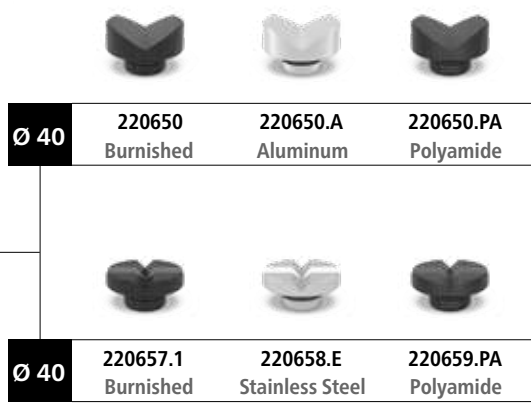
220634.1
135 mm

220634
100 mm

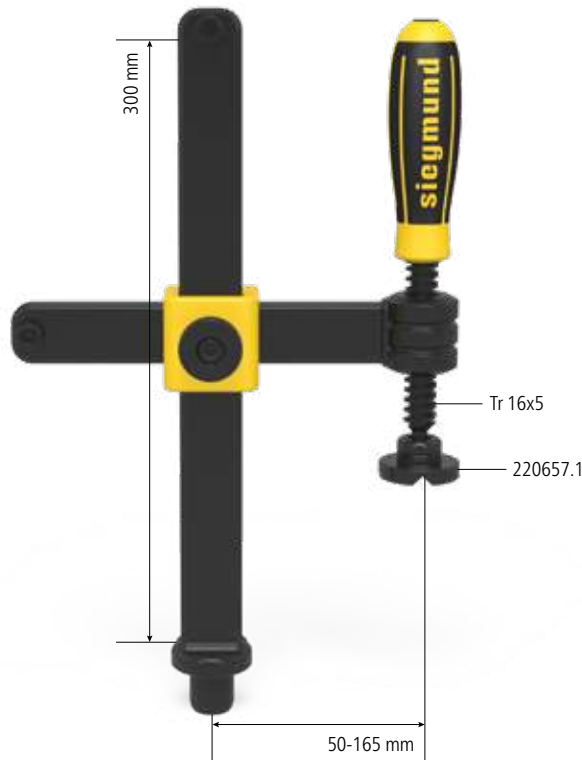
220635.1
150 mm

220635
83 mm

Ø 40	220650 Burnished	220650.A Aluminum	220650.PA Polyamide
	220657.1 Burnished	220658.E Stainless Steel	220659.PA 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 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 496.

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 hexagon socket insert, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque-limiting wrench.

New design - Available from 01.01.2019. We reserve the right to deliver the old version until 01.01.2019.

The previous versions (220610, 220630, 220615, 220604) contain individual parts from system 28. Spare parts for the previous version see from page 264.



220610.1



220610.1.S

Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	5 kN	2,70 kg	2-220610.1 ● 98.00 USD
Professional Screw Clamp special size			2-220610.1.S ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 220610.1:
consisting of 1x 220634, 1x 220631, 1x 220632, 1x 220618, 1x 280617, 1x 280662.N, 1x 220657.1

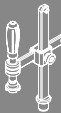


Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm	100 mm 2-220634 ● 20,00 USD	135 mm 2-220634.1 ● 22,00 USD	170 mm 2-220634.2 ● 24,00 USD	special size 2-220634.S ○ .
Threaded Arbor with hexagon and toggle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm		83 mm 2-220635 ● 22,00 USD	150 mm 2-220635.1 ● 24,00 USD	special size 2-220635.S ○ .
Horizontal Bar - for 220610.1 - without Bushing 220618, please order separately				200 mm 2-220631 ● 18,00 USD
Vertical Bar - for 220610.1, 220615.1 - Vertical Bar reinforced				310 mm 2-220632 ● 34,00 USD
Thread Bushing - Acme trapezoidal thread 16 x 5 mm for system 22 screw clamp arbor - for 220610.1 - burnished				2-220618 ● 12,00 USD
Cast Iron Cross - for 280610, 280611, 280615, 220610.1, 220615.1 - without handwheel				45 mm 2-280617 ● 32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ● 14,00 USD

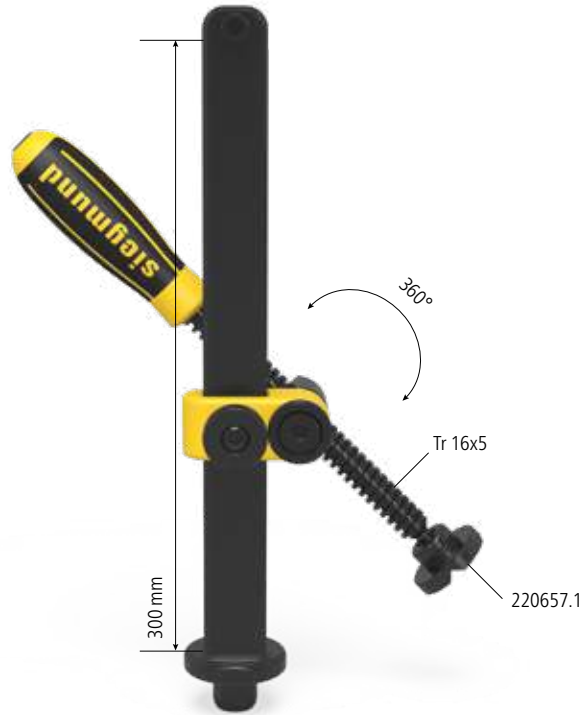
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Cut-to-length spacer supplied by customer



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 496. 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 hexagon socket, 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.

New design - Available from 01.01.2019. We reserve the right to deliver the old version until 01.01.2019.

The previous versions (220610, 220630, 220615, 220604) contain individual parts from system 28. Spare parts for the previous version see from page 264.



220630.1



220630.1.S

Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp 45°/90°	5 kN	2,21 kg	2-220630.1 ● 90.00 USD
Professional Screw Clamp 45°/90° special size			2-220630.1.S ○

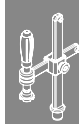
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 220630.1:
consisting of 1x 220634.1, 1x 220633, 1x 229108, 1x 280617.2, 1x 280662, 1x 289109, 1x 220657.1



Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm	100 mm 2-220634 ● 20,00 USD	135 mm 2-220634.1 ● 22,00 USD	170 mm 2-220634.2 ● 24,00 USD	special size 2-220634.S ○ .
Threaded Arbor with hexagon and toggle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm		83 mm 2-220635 ○ .	150 mm 2-220635.1 ● 24,00 USD	special size 2-220635.S ○ .
Vertical Bar - for 220630.1 - Vertical Bar reinforced				310 mm 2-220633 ● 34,00 USD
Bushing for Threaded Arbor - for 220630.1				42 mm 2-229108 ● 8,00 USD
Cast Iron Cross - for 280630, 220630.1 - without handwheel				70 mm 2-280617.2 ● 32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ● 14,00 USD
Disc for Cast Iron Cross - for 280630, 220630.1 - with countersunk bolt M10x25				10 mm 2-289109 ● 6,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Basic Pipe Clamp Universal



Description:

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 496. 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. 220653). As a standard feature, the Round Pipe Clamp Universal is equipped with a 135 mm threaded arbor.

New design - Available from 01.01.2019. We reserve the right to deliver the old version until 01.01.2019.

The previous versions (220610, 220630, 220615, 220604) contain individual parts from system 28. Spare parts for the previous version see from page 264.



220604.1

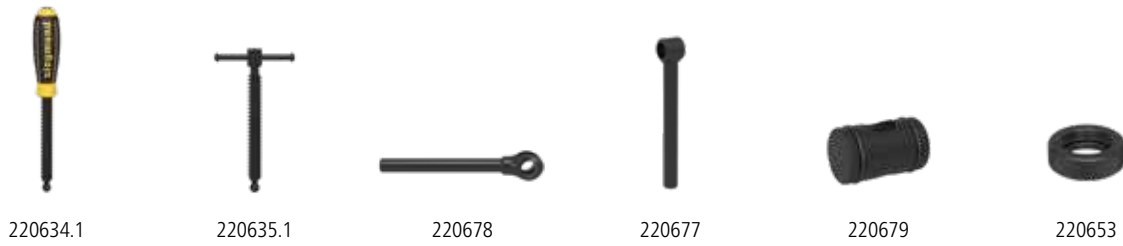


220604.5

Standard model	maximum load:	Weight:	Item No.
Pipe Clamp Universal	1,4 kN	1,91 kg	2-220604.1 108.00 USD ●
Pipe Clamp Universal special size			2-220604.5 ○

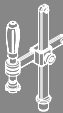
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 220604.1:
consisting of 1x 220634.1, 1x 220678, 1x 220677, 1x 220679, 1x 220653, 1x 220657.1



Spare parts, special sizes and parts for a individual configuration				
Threaded Arbor with handle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm	100 mm	135 mm	170 mm	special size
	2-220634 ●	2-220634.1 ●	2-220634.2 ●	2-220634.S ○
	20,00 USD	22,00 USD	24,00 USD	.
Threaded Arbor with hexagon and toggle - for 220610.1, 220630.1, 220604.1 - Trapezoid thread 16 x 5 mm		83 mm	150 mm	special size
		2-220635 ○	2-220635.1 ●	2-220635.S ○
		.	24,00 USD	.
Horizontal Round Pipe - for 220604.1				200 mm
				2-220678 ●
				28,00 USD
Vertical Round Pipe - for 220604.1				2-220677 ●
				30,00 USD
Arbor Thread - for 220604.1				42 mm
				2-220679 ●
				12,00 USD
Adjusting Ring - for 220604.1				2-220653 ●
				10,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 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.

New design - Available from 01.01.2019. We reserve the right to deliver the old version until 01.01.2019.

The previous versions (220610, 220630, 220615, 220604) contain individual parts from system 28. Spare parts for the previous version see from page 264.



220615.1



220615.1.S

Standard model	maximum load:	Weight:	Item No.
Professional Fast Tension Clamp	5 kN	2,70 kg	2-220615.1 ● 150.00 USD
Professional Fast Tension Clamp special size			2-220615.1.S ○

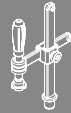
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 220615.1:
consisting of 1x 280637, 1x 220632, 1x 280617, 1x 280662.N



Spare parts, special sizes and parts for a individual configuration				
Horizontal Bar with Fast Clamping Function - for 280615, 220615.1	200 mm 2-280637 ● 84,00 USD	350 mm 2-280637.1 ● 90,00 USD	500 mm 2-280637.2 ● 96,00 USD	special size 2-280637.S ○ .
Vertical Bar - for 220610.1, 220615.1 - Vertical Bar reinforced				310 mm 2-220632 ● 34,00 USD
Cast Iron Cross - for 280610, 280611, 280615, 220610.1, 220615.1 - without handwheel				45 mm 2-280617 ● 32,00 USD
Handwheel for Cast Iron Cross - for 280610, 280612, 280630, 280615, 280611, 220610.1, 220630.1, 220615.1				25 mm 2-280662.N ● 14,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Prism for Screw Clamps

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).



220657.1

220658.E



220659.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism for Screw Clamps - burnished - for Arbor with Trapezoid thread 16 x 5 mm	20 mm	40 mm	0,05 kg	2-220657.1 14.00 USD ●
Prism for Screw Clamps - Stainless Steel - for Arbor with Trapezoid thread 16 x 5 mm	20 mm	40 mm	0,04 kg	2-220658.E 20.00 USD ●
Prism for Screw Clamps - Polyamide - for Arbor with Trapezoid thread 16 x 5 mm	PA 20 mm	40 mm	0,01 kg	2-220659.PA 14.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Duo Prism Ø 40 for Screw Clamps

Description:

Duo Prism, compatible with all bore holes and screw clamps of System 22, 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.

The prism polyamide is only suitable for use as a prism for screw clamps.

Available from 01.04.2019.



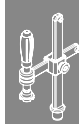
220650



220650.A



220650.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Duo Prism Ø 40 - burnished - for Arbor with Trapezoid thread 16 x 5 mm	27 mm	40 mm	0,13 kg	2-220650 26.00 USD ●
Duo Prism Ø 40 - Aluminum - for Arbor with Trapezoid thread 16 x 5 mm	ALU 27 mm	40 mm	0,06 kg	2-220650.A 30.00 USD ●
Duo Prism Ø 40 - Polyamide - for Arbor with Trapezoid thread 16 x 5 mm	PA 27 mm	40 mm	0,02 kg	2-220650.PA 28.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Page 502
Prism Ø 50 135°
 with screwed-in collar



Page 502
Prism Ø 50 135°
 with screwed-in collar



Page 502
Prism Ø 50 135°
 with screwed-in collar



Page 503
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 503
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 503
Vario Prism Ø 50 90° / 120°
 with screwed-in collar



Page 504
Prism Ø 60 135°
 with screwed-in collar



Page 504
Prism Ø 60 135°
 with screwed-in collar



Page 504
Prism Ø 60 135°
 with screwed-in collar



Page 505
Prism Ø 120 157°
 with screwed-in collar



Page 505
Prism Ø 120 157°
 with screwed-in collar



Page 505
Prism Ø 120 157°
 with screwed-in collar



Page 506
Prism Ø 80 90°
 with screwed-in collar



Page 506
Prism Ø 80 90°
 with screwed-in collar



Page 506
Prism Ø 80 90°
 with screwed-in collar



Page 507
Set of Supports 11-piece set



Page 508
Prism Extension 25



Page 508
Prism Extension 50



Page 508
Prism Extension 100



Page 508
Prism Extension 150



Page 508
Prism Collar Screw



Page 509
Screw Support Ø 80



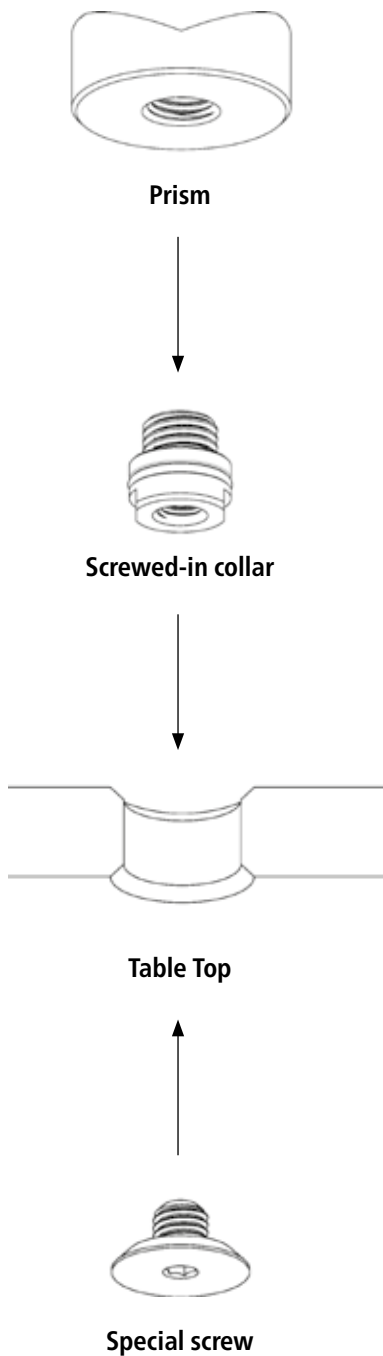
Page 510
Support height adjustable with scale



Prisms

All System 22 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 502

STYLES

Burnished
Aluminum
Polyamide



VARIO PRISM Ø 50 90° / 120°

Page 503

STYLES

Burnished
Aluminum
Polyamide



PRISM Ø 60 135°

Page 504

STYLES

Burnished
Aluminum
Polyamide

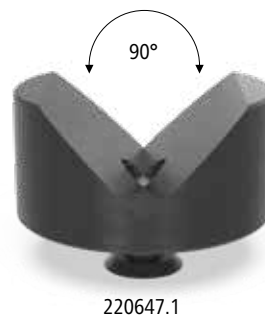


PRISM Ø 80 90°

Page 506

STYLES

Burnished
Aluminum
Polyamide



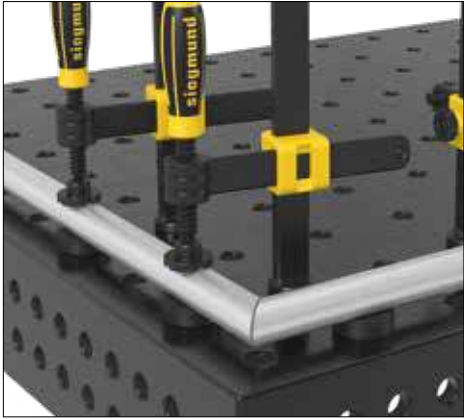
PRISM Ø 120 157°

Page 505

STYLES

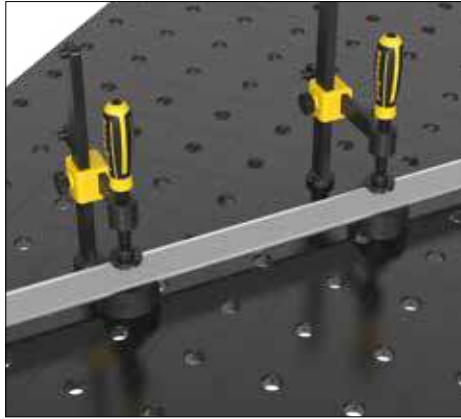
Burnished
Aluminum
Polyamide





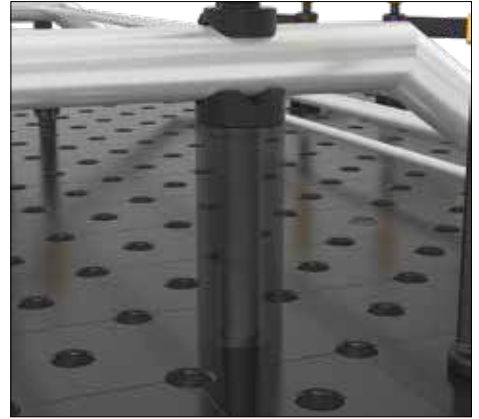
WITH COLLAR IN BORE HOLE

Prism with collar is applicable for all System 22 boreholes, and provides a sturdy support surface for pipes.



WITHOUT COLLAR ON TABLE

All System 22 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. 220821) or Screw Support (Item No. 220822).

PRISM EXTENSION

It can be quickly and securely screwed into all Prisms.



Application



220649.3



220649.2



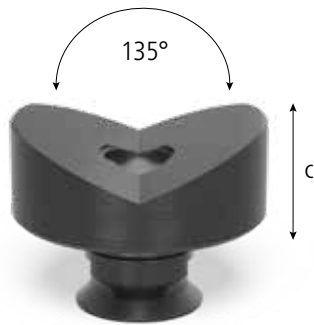
220649.1



220649



Prism Ø 50 135° with screwed-in collar



220648.1



220648.1.A



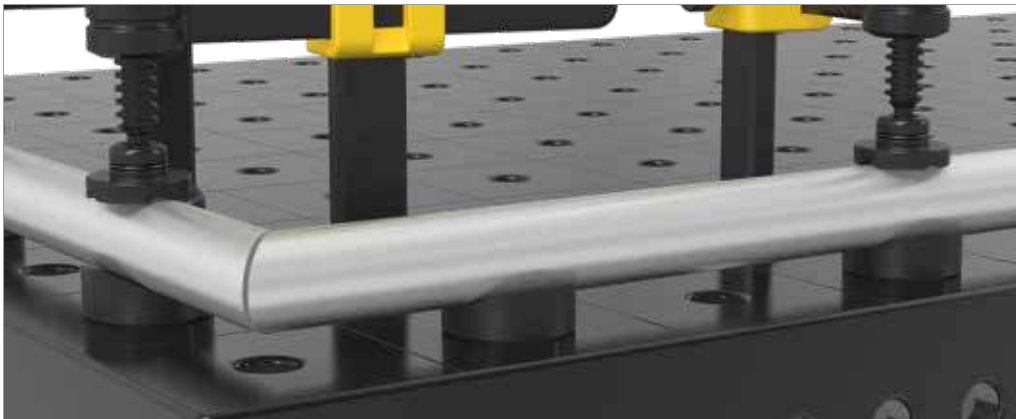
220648.1.PA

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 M10 countersunk screw (Item No. 220649.0). 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.
Prism Ø 50 135° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 220649	20 mm	50 mm	0,26 kg	2-220648.1 44.00 USD ●
Prism Ø 50 135° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 220649	ALU 20 mm	50 mm	0,16 kg	2-220648.1.A 54.00 USD ●
Prism Ø 50 135° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 220649	PA 20 mm	50 mm	0,08 kg	2-220648.1.PA 58.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

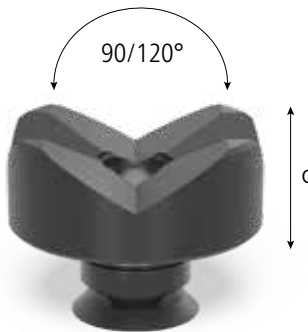
Prism Ø 50 90° / 120° with screwed-in collar

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 M10 countersunk screw (Item No. 220649.0). 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.



220645.1



220645.1.A



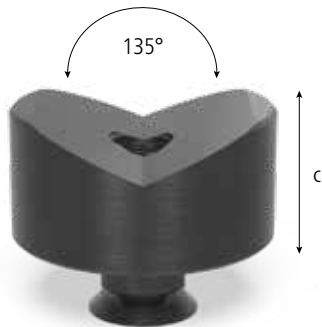
220645.1.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Vario Prism Ø 50 90° / 120° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 220649	20 mm	50 mm	0,30 kg	2-220645.1 62.00 USD ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 220649	ALU 20 mm	50 mm	0,15 kg	2-220645.1.A 62.00 USD ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 220649	PA 20 mm	50 mm	0,08 kg	2-220645.1.PA 62.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism Ø 60 135° with screwed-in collar



220651.1



220651.1.A



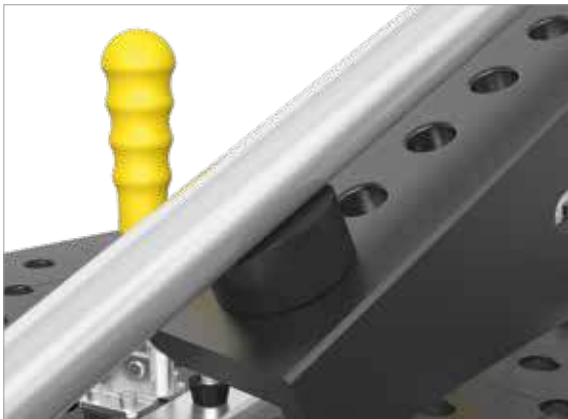
220651.1.PA

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 M10 countersunk screw (Item No. 220649.0). 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.
Prism Ø 60 135° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 220649	30 mm	60 mm	0,58 kg	2-220651.1 50.00 USD ●
Prism Ø 60 135° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 220649	ALU 30 mm	60 mm	0,32 kg	2-220651.1.A 58.00 USD ●
Prism Ø 60 135° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 220649	PA 30 mm	60 mm	0,13 kg	2-220651.1.PA 62.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

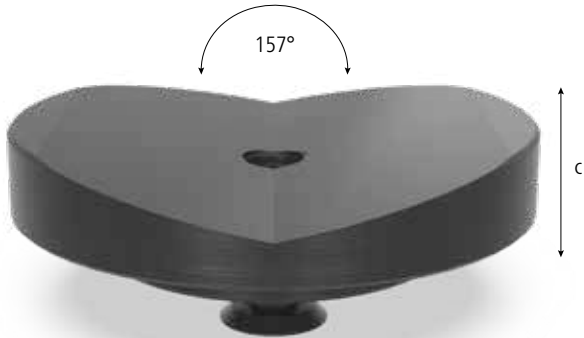
Prism Ø 120 157° with screwed-in collar

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 M10 countersunk screw (Item No. 220649.0). 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.



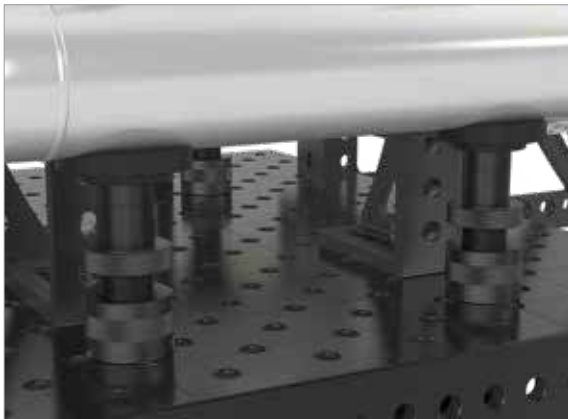
220652.1



220652.1.A



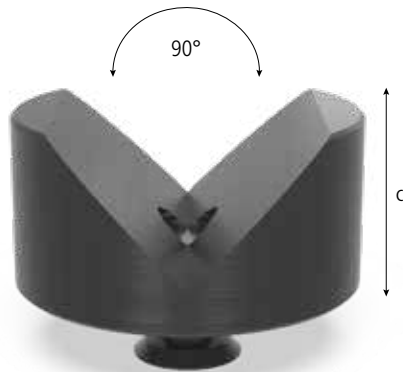
220652.1.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 120 157° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 220649	30 mm	120 mm	1,74 kg	2-220652.1 78.00 USD ●
Prism Ø 120 157° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 220649	ALU 30 mm	120 mm	0,91 kg	2-220652.1.A 104.00 USD ●
Prism Ø 120 157° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 220649	PA 30 mm	120 mm	0,30 kg	2-220652.1.PA 112.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism Ø 80 90° with screwed-in collar



220647.1



220647.1.A



220647.1.PA

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 M10 countersunk screw (Item No. 220649.0). 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.
Prism Ø 80 90° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 220649	40 mm	80 mm	1,07 kg	2-220647.1 60.00 USD ●
Prism Ø 80 90° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 220649	ALU 40 mm	80 mm	0,57 kg	2-220647.1.A 70.00 USD ●
Prism Ø 80 90° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 220649	PA 40 mm	80 mm	0,20 kg	2-220647.1.PA 74.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Set of Supports 11-piece set

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 22. The M10 thread on the inside of the supports enables fastening of customer-specific components or prisms.



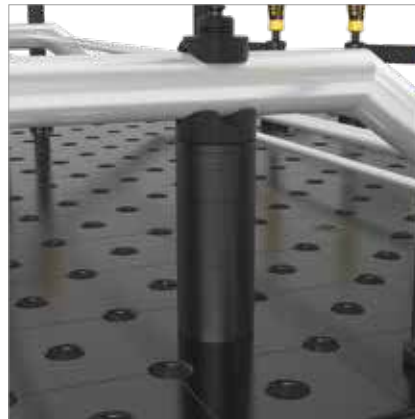
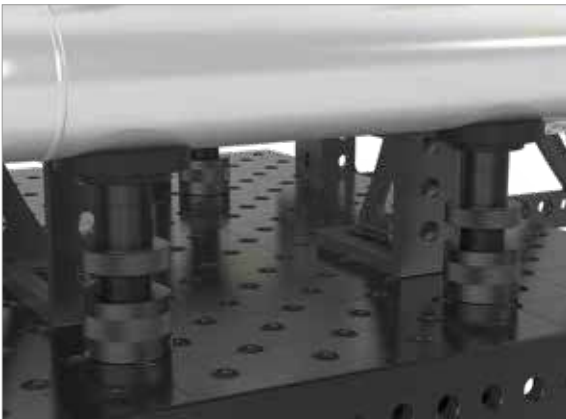
220821



220821.1



220821.2



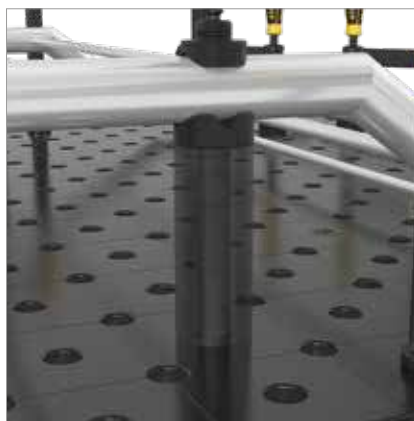
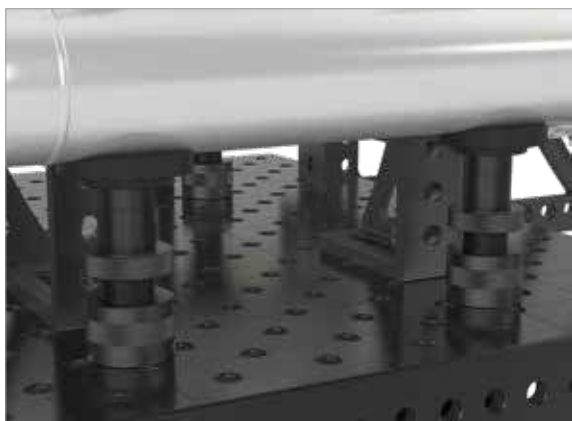
	Height: (c)	Ø: (o)	Weight:	Item No.
Set of Supports 11-piece set - burnished	125 mm	50 mm	2,01 kg	2-220821 ● 74.00 USD
Tower for Supports - burnished	125 mm	50 mm	0,39 kg	2-220821.1 ● 36.00 USD
Washer Set - gradation of discs: 1 / 2 / 3 / 4 / 5 mm 10 / 20 / 40 / 50 mm incl. 1/10" disc 2,54 mm		50 mm	1,62 kg	2-220821.2 ● 38.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism Extension

Description:

Prism Extension, enables infinite positioning in combination with spacers or supports (see set of supports Item No. 220821, or screw support Item No. 220822). The Prism Extension can be screwed into all prisms quickly and safely.



	Length: (a)	Ø: (o)	Weight:	Item No.
Prism Extension 25 - burnished	25 mm	22 mm	0,07 kg	2-220649 14.00 USD ●
Prism Extension 50 - burnished	50 mm	22 mm	0,14 kg	2-220649.1 28.00 USD ●
Prism Extension 100 - burnished	100 mm	22 mm	0,28 kg	2-220649.2 34.00 USD ●
Prism Extension 150 - burnished	150 mm	22 mm	0,42 kg	2-220649.3 38.00 USD ●
Prism Collar Screw - burnished	12 mm	22 mm	0,04 kg	2-220669 12.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84
Upon request, all parts are available in aluminum or polyamide version.

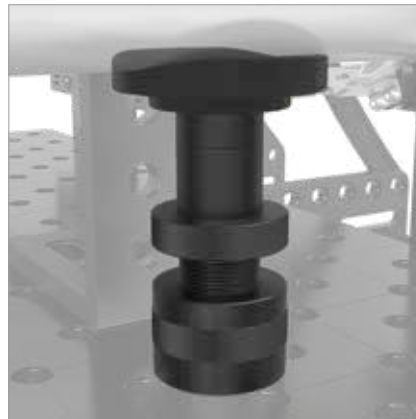
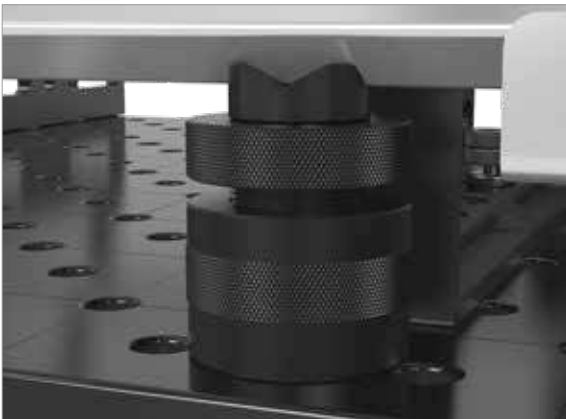
Screw Support

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.



220822



	Height: (c)	Ø: (o)	Weight:	Item No.
Screw Support Ø 80 - burnished	75-110 mm	80 mm	2,44 kg	2-220822 92.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Support height adjustable with scale

Description:

The height adjustable Support with scale offers a solid support surface and can be used in all system bore holes.

Available from 01.04.2019.



220824

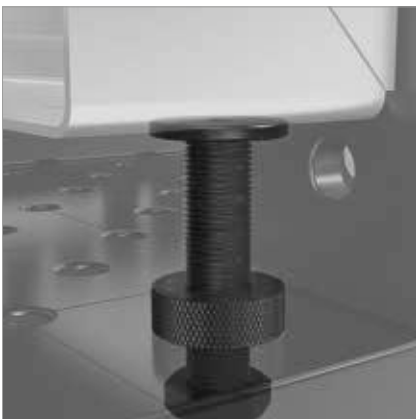


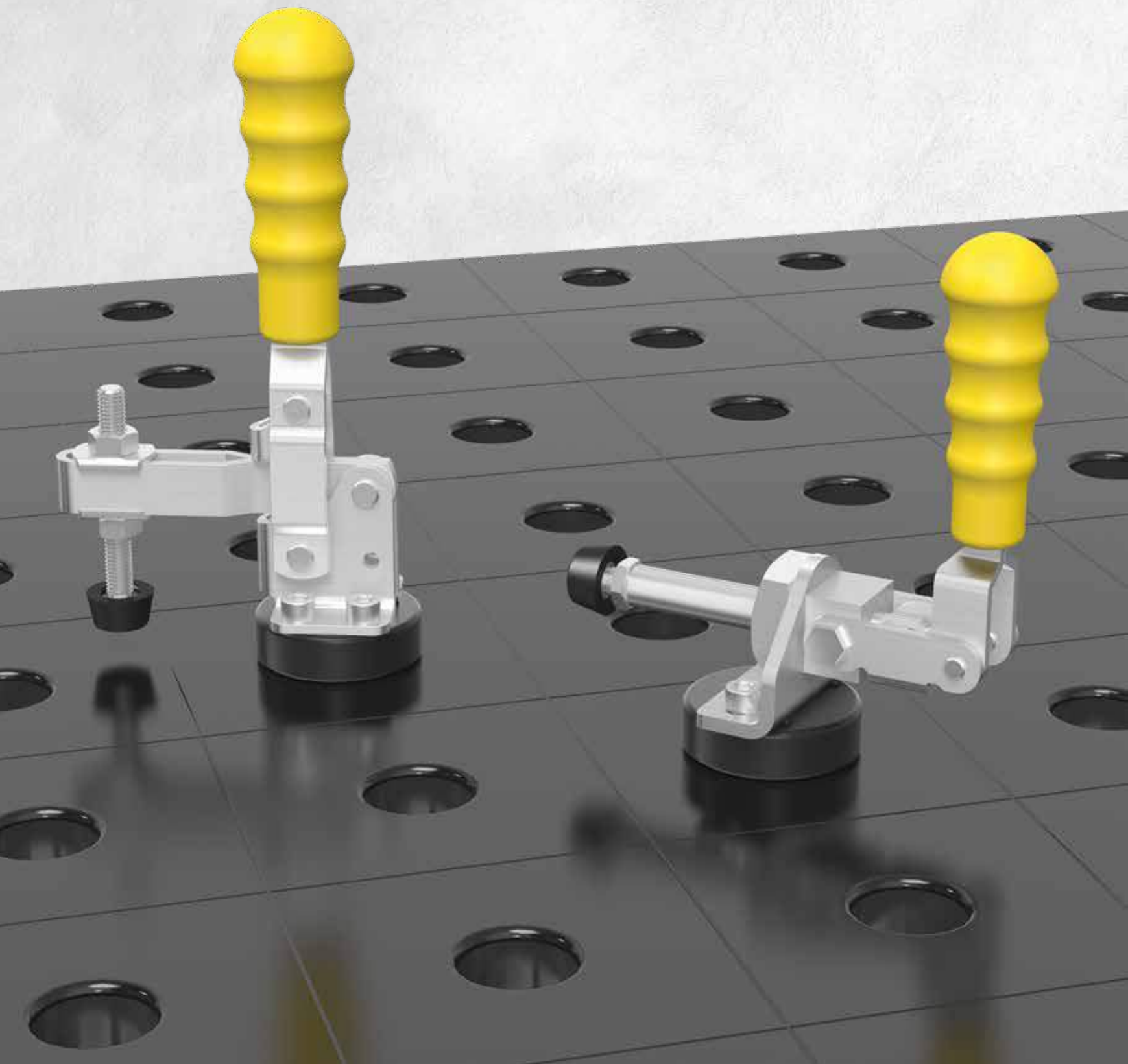


Support height adjustable with scale
- incl. Setscrew

Length: (a)	Ø: (o)	Weight:	Item No.
134 mm	45 mm	0,52 kg	2-220824 74.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







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**Vertical Toggle Clamp
with Adapter**



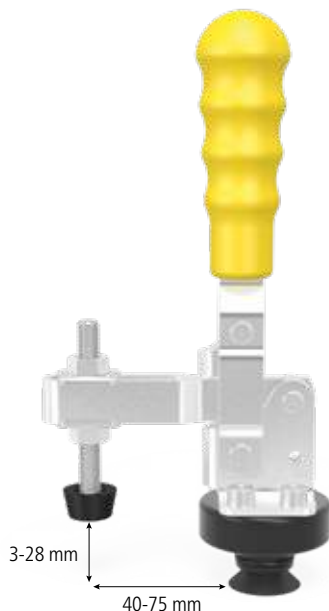
Page 515
**Horizontal Toggle Clamp
with Adapter**



Page 516
**Adapter with Hole Pattern Ø 50 / 15
for Toggle Clamp**

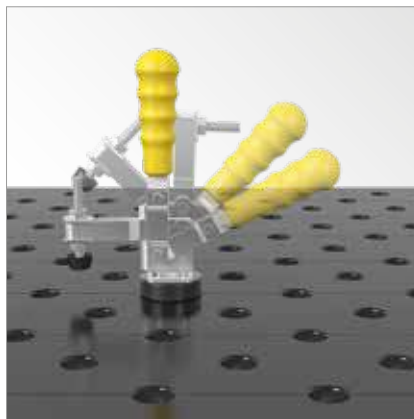


Vertical Toggle Clamp with Adapter



220705

009082



Description:

Vertical Toggle Clamp with Adapter, universally usable with 22 mm bore holes. It works most effectively in combination with the Universal Stop (Item No. 220420.N).

Further Quick-Change Clamps can be found on the Internet at www.siegmund.com

	Weight:	Item No.
Vertical Toggle Clamp with Adapter	0,64 kg	2-220705 70.00 USD ●
Vertical Toggle Clamp	0,39 kg	2-009082 44.00 USD ●

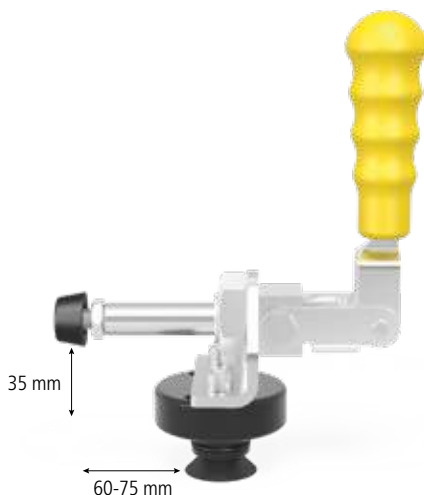
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Horizontal Toggle Clamp with Adapter

Description:

Horizontal Toggle Clamp with Adapter, universally usable with 22 mm bore holes. It achieves maximum efficiency in combination with Universal Stop (Item No. 220420.N).

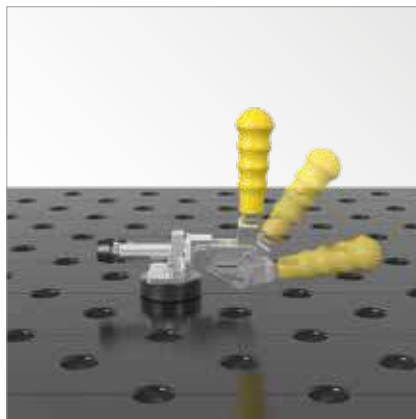
Further Quick-Change Clamps can be found on the Internet at www.siegmund.com



220710



009083



Horizontal Toggle Clamp with Adapter

Weight:

Item No.

0,64 kg 2-220710 ●
84.00 USD

Horizontal Toggle Clamp

0,40 kg 2-009083 ●
50.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Adapter with Hole Pattern

Description:

Adapter with Hole Pattern, can be used universally with 22 mm bore holes. The integrated O-ring provides the perfect fit.



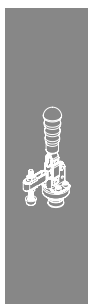
220715

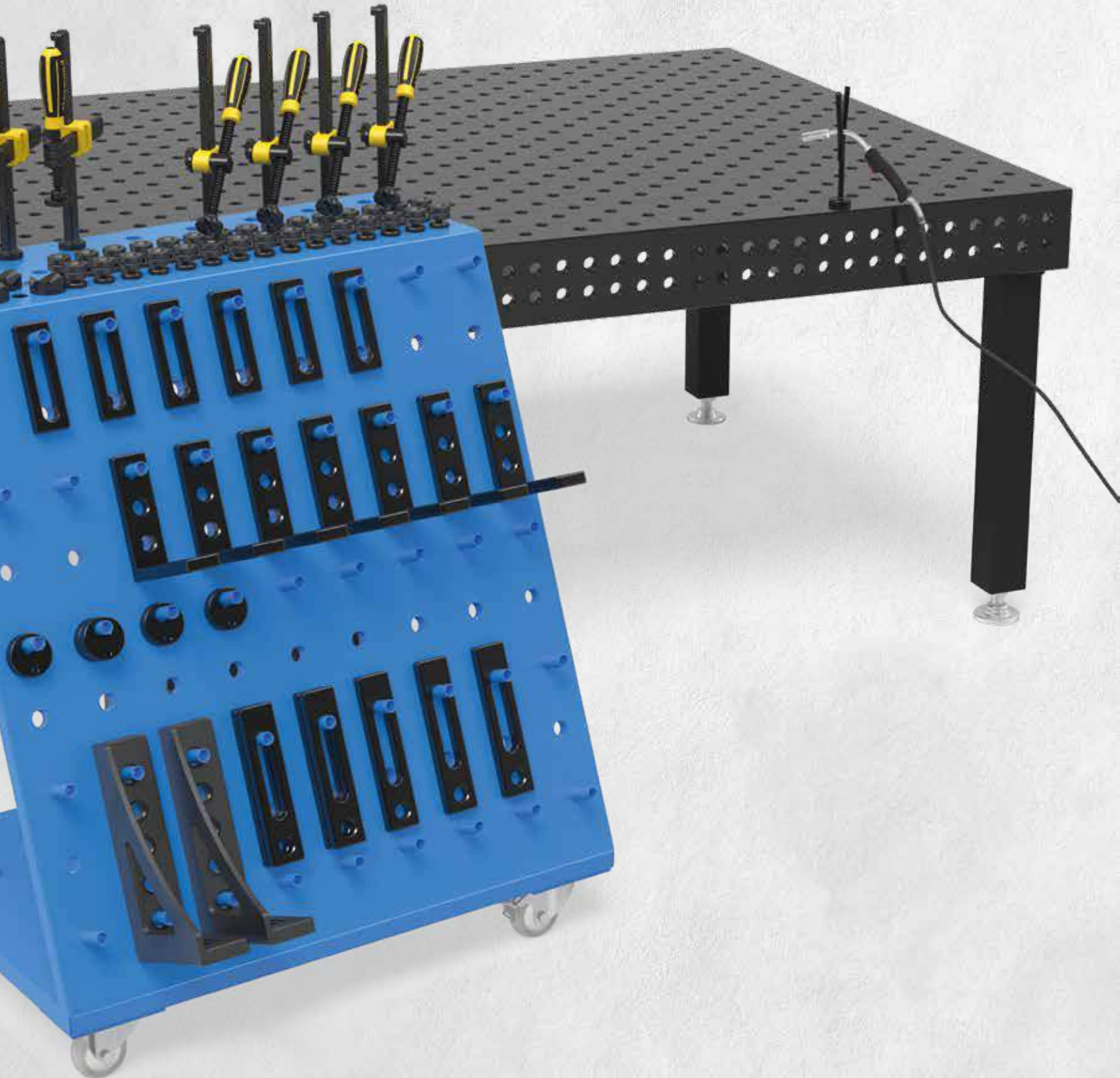


Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
26 mm	50 mm	15 mm	0,22 kg	2-220715 24.00 USD ●

Adapter with Hole Pattern Ø 50 / 15
 - for Toggle Clamp
 - burnished

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







Page 520
Sub Table Box for System 22



Page 522
Tool Cart



Page 523
Protective Welding Wall



Page 524
Brush Ø 24 with protecting cover



Page 525
Hex wrench 5



Page 526
Ground Connection Comfort



Page 527
Burner Holder



Page 528
Standard bench vice 125 for System 16 / 22 / 28



Page 528
Premium bench vice 125 for System 16 / 22 / 28



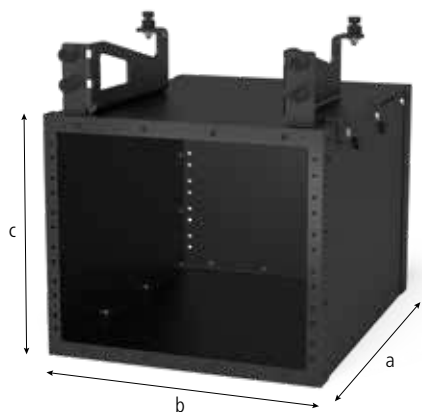
Page 530
Shipping Bracket with Fastening Plate 1800 kg load-bearing capacity



Page 530
Shipping Bracket nitrided



Sub Table Box



220900



004200



004205



004210



004215

Description:

Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

The ST Box has a total maximum load capacity of approx. 100 kg. Each drawer carries a maximum load of approx. 50 kg.

The totally enclosed design protects the drawer contents from dirt and weld spatters.

Regardless of table size and ribbing, the ST Box can be attached to every Siegmund welding table.

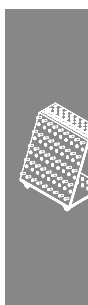
Self assembly instructions are provided and you can easily attach the assembled ST Box to your welding table.





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Sub Table Box for System 22 - varnished	630 mm	510 mm	420 mm	35,14 kg	2-220900 534.00 USD ●
Drawer 60 mm	590 mm	400 mm	60 mm	7,10 kg	2-004200 216.00 USD ●
Drawer 120 mm	590 mm	400 mm	120 mm	8,70 kg	2-004205 248.00 USD ●
Drawer 180 mm	590 mm	400 mm	180 mm	9,10 kg	2-004210 266.00 USD ●
Drawer 240 mm	590 mm	400 mm	240 mm	9,50 kg	2-004215 284.00 USD ●

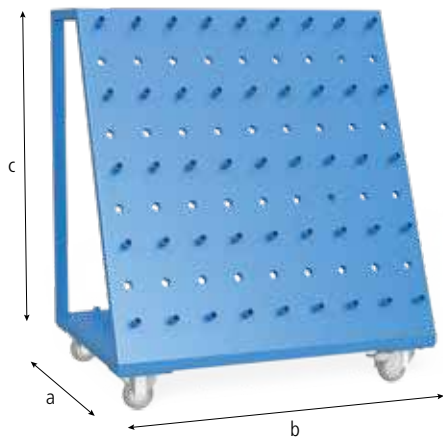
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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.



220910



Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
650 mm	900 mm	1020 mm	50,00 kg	2-220910 1,110.00 USD ●

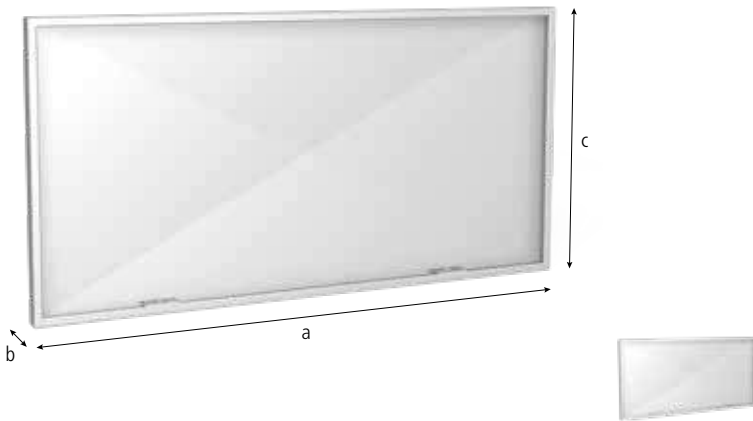
Tool Cart
- varnished
- Max. total weight 240 kg

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Protective Welding Wall - Custom color varnish available against surcharge	1600 mm	50 mm	800 mm		23,00 kg				2-280980 288.00 USD ●
Combination Fast Clamping Bolt short 28 -> 22 - burnished	88 mm			40 mm	0,45 kg	130,00 kN	15,00 Nm	15,00 kN	2-002822 84.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



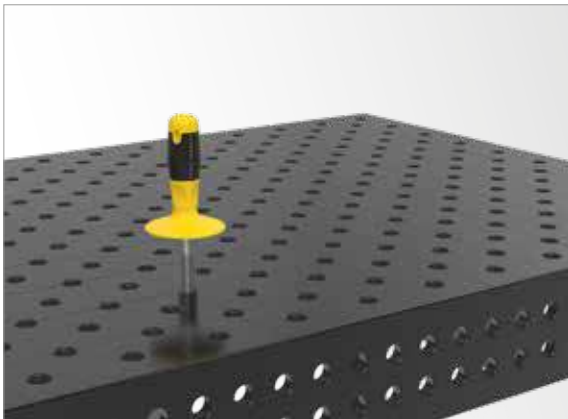
Brush

Description:

Brush with a diameter of 24 mm, especially designed for cleaning 22 mm bore holes. Grime can be removed effortlessly with this brush.



220820



Ø: (o)	Weight:	Item No.
24 mm	0,06 kg	2-220820 30.00 USD ●

Brush with protecting cover
- with protecting cover

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Hex wrench

Description:

Hex wrench 5, 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.



220852



Hex wrench 5
- yellow

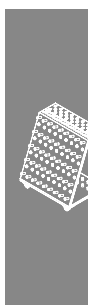
Weight:

0,09 kg

Item No.

2-220852
24.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 mm².



000810



Ground Connection Comfort	Weight:	Item No.
	0,66 kg	2-000810 74.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Burner Holder

Description:

Burner Holder, can be positioned in each system bore hole and offers an attachment for your welding burner.



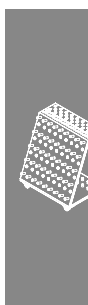
220920



Burner Holder
- burnished

Height: (c)	Weight:	Item No.
200 mm	0,36 kg	2-220920 ● 38.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Bench vice

Description:

The basic equipment of each workshop is a reliable bench vice. Our Siegmund bench vice offers improved productivity.

To attach the bench vice to the table, fast clamping bolts and if necessary, reduction bushings are required.



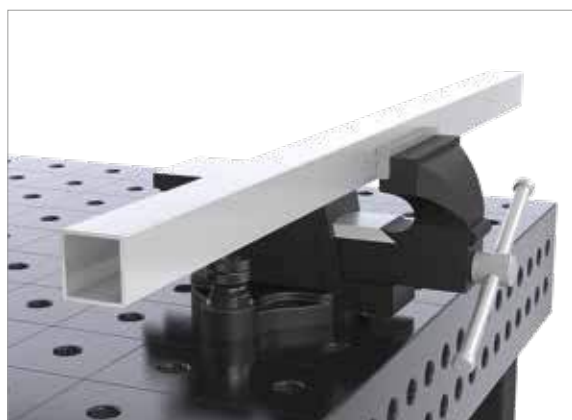
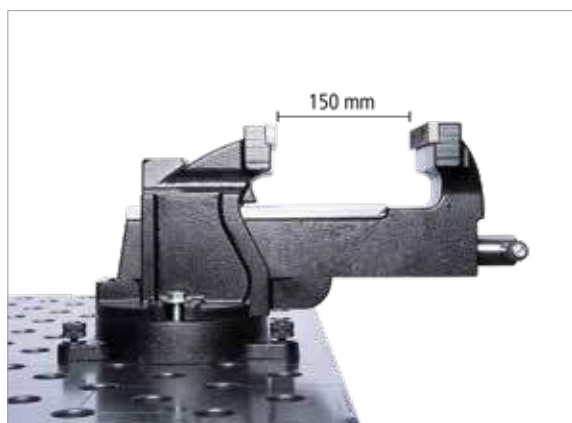
004300

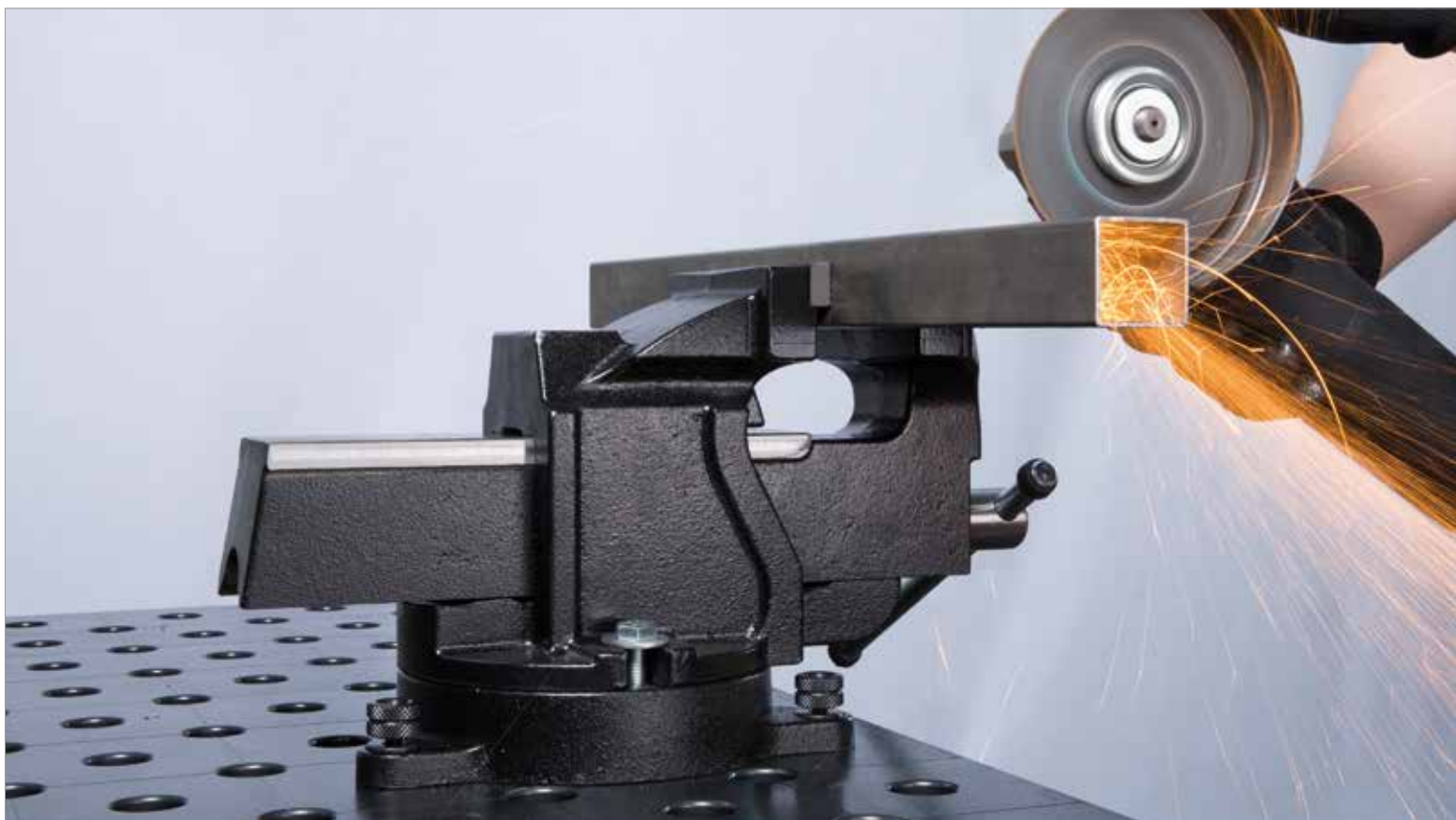


004303



004302





	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Premium bench vice 100 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 83 mm			14,00 kg				2-004300 264.00 USD ●
Standard bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			14,00 kg				2-004303 320.00 USD ●
Premium bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			19,40 kg				2-004302 414.00 USD ●
Fast Clamping Bolt long - for clamping 3 components - burnished - with screw top	101 mm	22 mm	0,32 kg	130,00 kN	15,00 Nm	15,00 kN	2-220512 82.00 USD ●
Reduction Bushing 28 -> 22 - Clamping Bolt long required - burnished	35 mm	36 mm	0,10 kg				2-000544 22.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Shipping Bracket



000830.N

000835

Description:

Shipping Bracket with Mounting Plate, load-bearing capacity 1.800 kg (with 2x 280510) / 1.000 kg (with 2x 002822). 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:

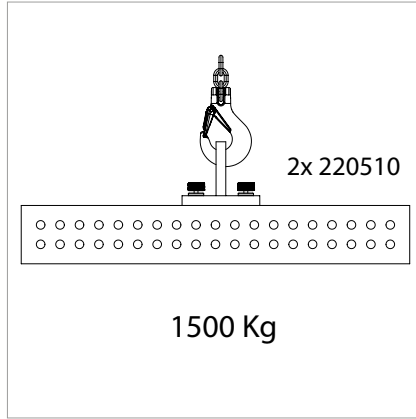
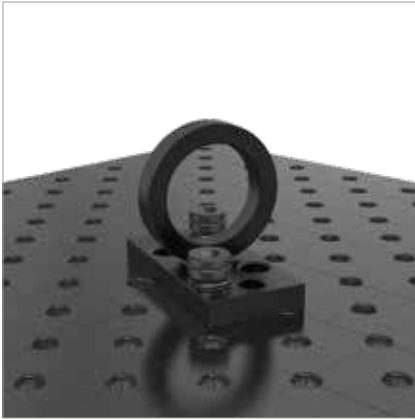
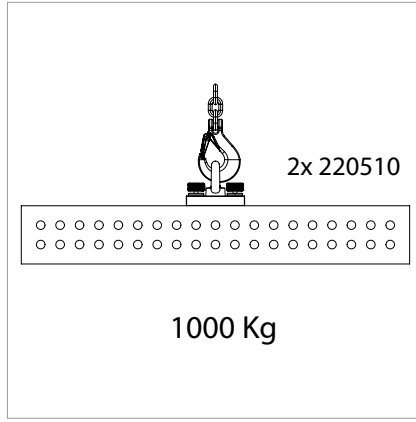
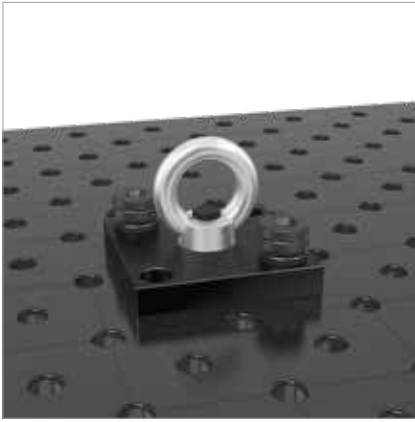
Ring nuts should be completely bolted.

Ring nuts should bear flat and completely on support surface.

Length of mating thread has to be sufficient.

Lateral pull should be avoided.





		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Shipping Bracket with Fastening Plate nitrided - 1800 kg load-bearing capacity (with 2x 280510) - 1000 kg load-bearing capacity (with 2x 002822)		150 mm	150 mm	25 mm	4,70 kg	2-000830.N 84.00 USD ●
Shipping Bracket nitrided - 2500 kg load-bearing capacity (with 2x 280510) - 1000 kg load-bearing capacity (with 2x 002822) - 700 kg load-bearing capacity (with 2x 160510)		200 mm	100 mm	165 mm	4,50 kg	2-000835.N 158.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

To fasten the shipping bracket, you need the Combination Fast Clamping Bolt short 28 -> 22 (Item No. 002822).





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Siegmund Workstation



Page 536
Siegmund Workstation Basic frame



Page 536
Toolwall incl. Shelf for Workstation



Page 536
Equipment Workstation with 4 casters



Page 536
**Pin and prism holder
System 16 / 22 / 28 for Workstation**



Page 536
**Clamp holder
System 16 / 22 / 28 for Workstation**



Page 538
**Perforated plate System 16
for Workstation**



Page 538
**Perforated plate System 16
for Workstation**



Page 538
**Perforated plate System 22
for Workstation**



Page 538
**Perforated plate System 22
for Workstation**



Page 538
**Perforated plate Premium Light
System 28 for Workstation**



Page 538
**Perforated plate Premium Light
System 28 for Workstation**



Page 538
**Perforated plate System 28
for Workstation**



Page 538
**Perforated plate System 28
for Workstation**



Page 540
Drawer



Page 542
Duo Magnet Clamping Block



Page 544
**Clamping Plate 550 for DIN Flanges
with Fixing Bolt nitrided**



Page 546
**Clamping Plate 350 for DIN Flanges
with Fixing Bolt nitrided**



Page 548
**Clamping Plate 150 lbs
with Fixing Bolt nitrided**



Page 548
**Clamping Plate 300 lbs
with Fixing Bolt nitrided**



Page 548
**Clamping Plate 400-600 lbs
with Fixing Bolt nitrided**



Page 550
**Pneumatic Cylinder, short Form
incl. Adapter System 16**



Page 550
**Pneumatic Cylinder, long form
for System 28**



Page 550
Manifold 8 Outlets



Page 552
Adapter Plate



Page 553
Combination Fast Clamping Bolt short



Page 554
Reduction Bushing



Page 555
Reduction Bushing



Page 556
Adapter Sleeve



Page 557
Connecting Bolt



Page 558
**Anti-Spatter Liquid
with Corrosion Protection**



Page 560
CleanBasic



Page 561
Oilstone

The all-rounder in every workshop



PERFORATED PLATE (1200 x 800 mm)

MATERIALS

- Tool Steel
- Tool Steel + Plasma nitration
- Tool Steel Premium Light
- Tool Steel Premium Light + Plasma nitration
- Premium Steel S355J2+N
- Premium Steel S355J2+N + Plasma nitration
- Stainless Steel
- Stainless Steel Light

Of course all Siegmund accessories are compatible with the Siegmund Workstation.



DIRT PROTECTION

Two sheets below the table plate protect your tools from weld spatter and dirt. For cleaning, you can pull out both sheets like drawers.



LEGS

The combined leg and optional castor give mobility to the Siegmund Workstation. Base plates have fine adjustment to enable a precise work surface.
(Caster optional)



BEARING LOAD

The Siegmund Workstation with base plate bears a total weight of approx. 1.000 kg. Please note when using the casters, the load capacity is reduced to approx. 400 kg.



Dimensions Workstation (L x W x H):
1200 x 800 x 850 mm
Weight Workstation
without castors or drawers: approx. 139 kg



Thanks to the intelligent concept of the Siegmund Workstation all your tools are always within reach at your workplace. This creates an overview and order and offers you enough space for your accessories.

REWARDED

In the category of "Production Technology" our Workstation was awarded BEST OF the INDUSTRIEPREIS 2018.



SUFFICIENT STORAGE

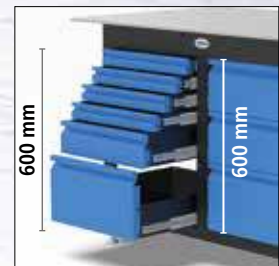
The Siegmund Workstation features defined storage for tooling and accessories that can be shelved for easy reach.



DRAWERS

You can custom, build or retrofit your workstation with drawers at various heights to increase storage capability. Here you will find space for any type of tool. Upgrading is possible at any time.

600 mm space for drawers on the left and on the right side.



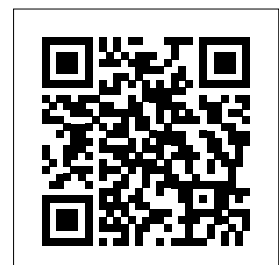
PREMIUM BENCH VICE

The basic equipment of each workshop is a reliable bench vice. Our Siegmund bench vice offers improved productivity.



ASSEMBLY AND SETUP

Easy to follow, step by step assembly instructions are included with every workstation.



www.siegmund.com/workstation-howto

Siegmund Workstation

Description:

With the new Siegmund Workstation you create your perfect workplace in a modular system. The Siegmund Workstation can be adapted and expanded to fit your individual needs. Whether sawing, drilling or welding – the absolute all-rounder in every workshop!

Upon delivery, you will receive assembly instructions for self-assembly.



004002



004025



004020



004100



164035



224035



284035



164030



224030



284030



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Siegmund Workstation Basic frame	1030 mm	630 mm	838 mm	45,00 kg	2-004002 996.00 USD ●
Toolwall incl. Shelf				7,87 kg	2-004025 148.00 USD ●
Shelf	482 mm	144 mm	40 mm	1,65 kg	2-004020 40.00 USD ●
Equipment Workstation with 4 casters				5,30 kg	2-004100 228.00 USD ●
Pin and prism holder System 16	482 mm	99 mm	20 mm	0,74 kg	2-164035 46.00 USD ●
Pin and prism holder System 22	482 mm	20 mm	99 mm	0,75 kg	2-224035 46.00 USD ●
Pin and prism holder System 28	482 mm	20 mm	109 mm	0,80 kg	2-284035 46.00 USD ●
Clamp holder System 16	580 mm	46 mm	39 mm	0,83 kg	2-164030 38.00 USD ●
Clamp holder System 22	580 mm	46 mm	39 mm	0,77 kg	2-224030 38.00 USD ●
Clamp holder System 28	580 mm	46 mm	49 mm	0,84 kg	2-284030 38.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Siegmond Workstation - Perforated plate



164004.X07

164004.X7



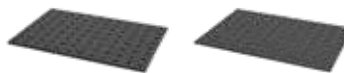
164004.P

164004.E



224004.P

284004.P



284004.X7

804004.X7



804004.E

Description:

System 16

The bore holes have a diameter of 16 mm and are arranged on the table surface in a 50 mm grid.

System 22

The bore holes have a diameter of 22 mm and are arranged on the table surface in a 100 mm grid.

System 28

The bore holes have a diameter of 28 mm and are arranged on the table surface in a 100 mm grid.

Of course all Siegmond accessories are compatible with the Siegmond Workstation.



	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
Perforated plate System 16 for Workstation - Tool Steel	1200 mm	800 mm	12 mm	88,00 kg	1-164004.X07 1,454.00 USD ●
Perforated plate System 16 for Workstation - Tool Steel + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	12 mm	88,00 kg	1-164004.X7 1,844.00 USD ●
Perforated plate System 16 for Workstation - Steel S355J2+N + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	12 mm	88,00 kg	1-164004.P 1,744.00 USD ●
Perforated plate System 16 for Workstation - Stainless Steel - Available from 15.03.2019	1200 mm	800 mm	12 mm	89,00 kg	1-164004.E 2,908.00 USD ●
Perforated plate System 22 for Workstation - Steel S355J2+N + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	18 mm	138,00 kg	1-224004.P 1,832.00 USD ●
Perforated plate System 22 for Workstation - Steel S355J2+N - Available from 01.11.2018	1200 mm	800 mm	18 mm	138,00 kg	1-224004 1,454.00 USD ○
Perforated plate System 22 for Workstation - Stainless Steel - Available from 15.03.2019	1200 mm	800 mm	18 mm	140,00 kg	1-224004.E 3,988.00 USD ○
Perforated plate System 28 for Workstation - Steel S355J2+N + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	25 mm	180,00 kg	1-284004.P 2,044.00 USD ●
Perforated plate System 28 for Workstation - Steel S355J2+N - Available from 01.11.2018	1200 mm	800 mm	25 mm	180,00 kg	1-284004 1,654.00 USD ○
Perforated plate System 28 for Workstation - Tool Steel - Available from 01.11.2018	1200 mm	800 mm	25 mm	180,00 kg	1-284004.X07 2,240.00 USD ○
Perforated plate System 28 for Workstation - Tool Steel + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	25 mm	180,00 kg	1-284004.X7 2,628.00 USD ●
Perforated plate Premium Light System 28 for Workstation - Tool Steel - Available from 01.11.2018	1200 mm	800 mm	15 mm	112,00 kg	1-804004.X07 1,396.00 USD ○
Perforated plate Premium Light System 28 for Workstation - Tool Steel + Plasma nitration - Available from 01.11.2018	1200 mm	800 mm	15 mm	114,00 kg	1-804004.X7 1,786.00 USD ●
Perforated plate System 28 for Workstation - Stainless Steel Light - Available from 15.03.2019	1200 mm	800 mm	15 mm	112,00 kg	1-804004.E 3,776.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Siegmund Workstation - Drawers

Description:

You can custom, build or retrofit your workstation with drawers at various heights to increase storage capability. Here you will find space for any type of tool. Upgrading is possible at any time.



004200



004205



004210



004215

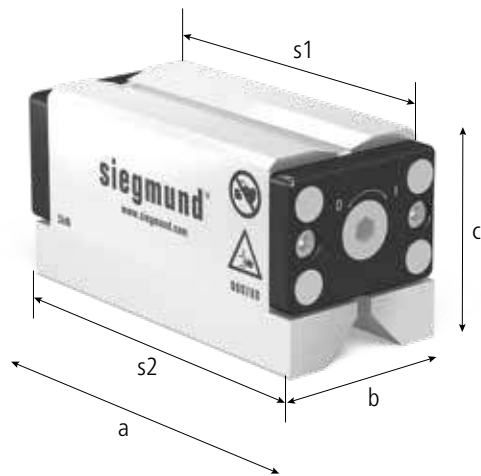




	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Drawer 60 mm	590 mm	400 mm	60 mm	7,10 kg	2-004200 216.00 USD ●
Drawer 120 mm	590 mm	400 mm	120 mm	8,70 kg	2-004205 248.00 USD ●
Drawer 180 mm	590 mm	400 mm	180 mm	9,10 kg	2-004210 266.00 USD ●
Drawer 240 mm	590 mm	400 mm	240 mm	9,50 kg	2-004215 284.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Duo Magnet Clamping Block



000780



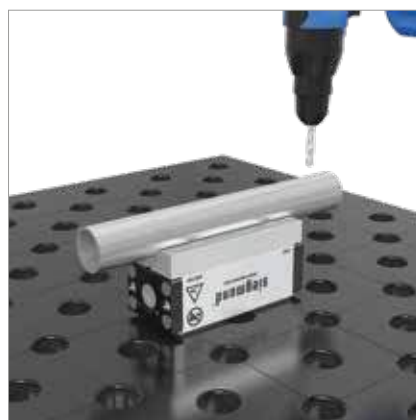
000781



000782

Description:

Duo Magnetic Clamping Blocks have two opposite magnetic sides and are designed for workpieces to be fixed on steel surfaces like welding and clamping tables. Several Duo Magnetic Clamping Blocks can also be connected to each other via the inside hexagon of the switching shaft in order to clamp longer or larger workpieces. The activation is effected via the detachable switch wrench with only 90° switching travel, the surfaces of the duo magnet are completely nickel-plated. The two differently shaped clamping sides of the Duo Magnetic Clamping Blocks can be used to hold almost any workpiece geometry, regardless of whether round material, sheets or even profiles are to be clamped. Duo Magnetic Clamping Blocks are the optimum clamping devices to clamp quickly, flexibly and without interfering contour on welding and clamping tables for drilling, deburring, welding or thread cutting.

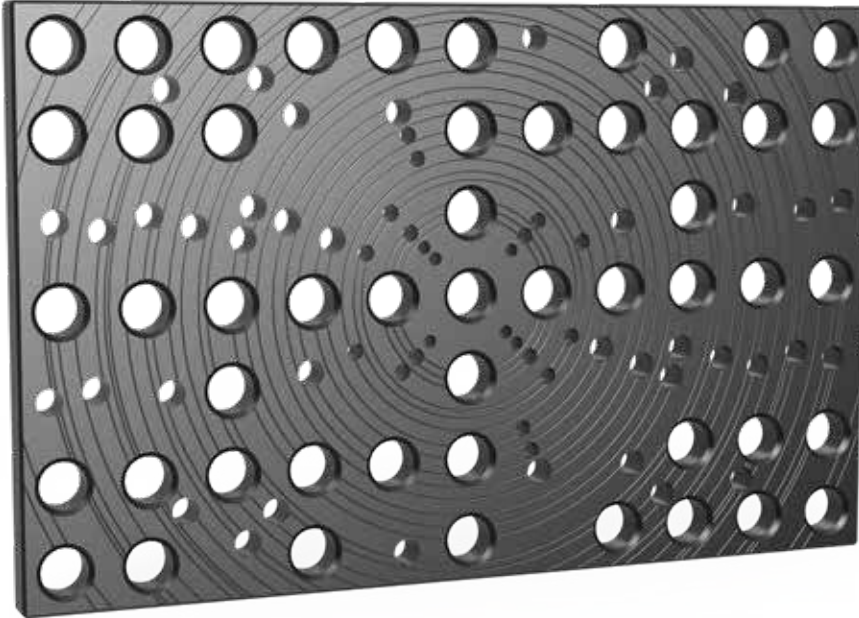




	Length: (a)	Width: (b)	Height: (c)	Clamping surface (s1)	Clamping surface (s2)	Weight:	Item No.
Duo Magnet Clamping Block - Retention force - 5 kN	143 mm	64 mm	71 mm	120 x 57 mm	136 x 64 mm	3,90 kg	2-000780 444.00 USD ●
Duo Magnet Clamping Block - Retention force - 7 kN	178 mm	64 mm	71 mm	156 x 57 mm	172 x 64 mm	4,90 kg	2-000781 554.00 USD ●
Duo Magnet Clamping Block - Retention force - 10 kN	184 mm	87 mm	88 mm	162 x 76 mm	178 x 87 mm	8,80 kg	2-000782 732.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.

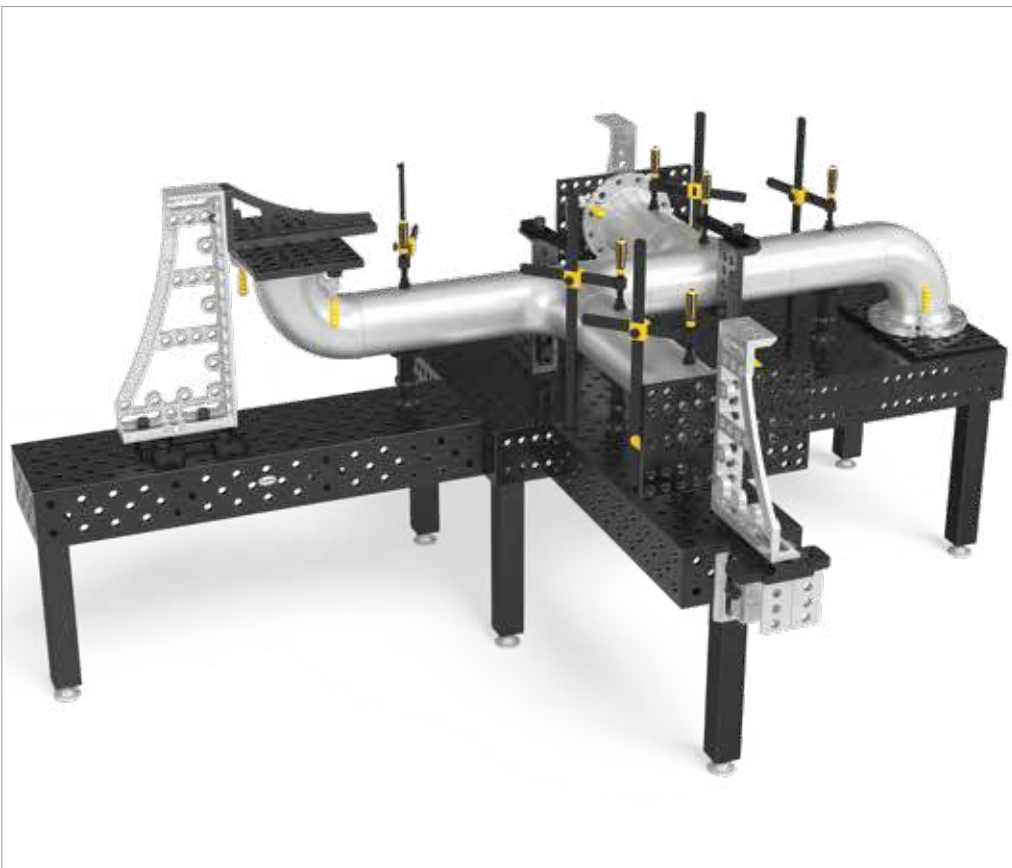
Scope of delivery for Clamping Plate 550:

- 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.

In order to utilize the Clamping Plate in system 22 connection elements like Connecting Bolts (Item No. 028022), Combination Clamping Bolts (Item No. 002822) or Reduction Bushings (Item No. 000544) are required.

Weight: approx. 30 kg





280220.P



280222



280223



280224



280225



280226



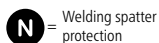
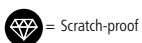
280227

	Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
Clamping Plate 550 for DIN Flanges with Fixing Bolt nitrided 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 978.00 USD



MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

	Length: (a)	Ø: (o)	Weight:	Item No.
Fixing Bolt Ø 13,8 for bore 8.1 - for Clamping Plate 280220 / 280221 - burnished	39 mm	13,8 mm	0,03 kg	2-280222 20.00 USD
Fixing Bolt Ø 17,8 for bore 10.1 - for Clamping Plate 280220 / 280221 - burnished	41 mm	17,8 mm	0,05 kg	2-280223 20.00 USD
Fixing Bolt Ø 21,8 for bore 16.1 - for Clamping Plate 280220 / 280221 - burnished	47 mm	21,8 mm	0,10 kg	2-280224 20.00 USD
Fixing Bolt Ø 25,8 for bore 16.1 - for Clamping Plate 280220 / 280221 - burnished	50 mm	25,8 mm	0,14 kg	2-280225 32.00 USD
Fixing Bolt Ø 29,8 for bore 16.1 - for Clamping Plate 280220 / 280221 - burnished	55 mm	29,8 mm	0,20 kg	2-280226 32.00 USD
Fixing Bolt Ø 32,8 for bore 16.1 - for Clamping Plate 280220 / 280221 - burnished	60 mm	32,8 mm	0,27 kg	2-280227 32.00 USD



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:

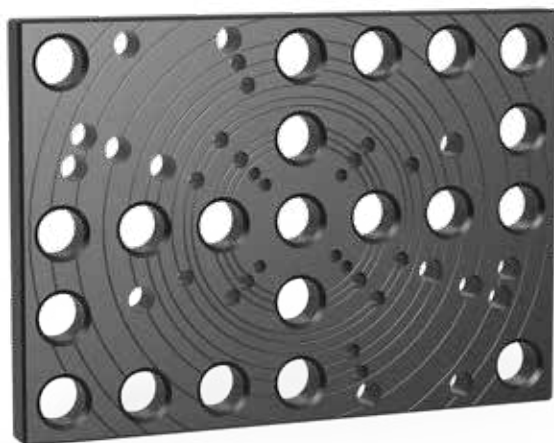
2 x fixing bolts Ø 13.8

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.

In order to utilize the Clamping Plate in system 22 connection elements like Connecting Bolts (Item No. 028022), Combination Clamping Bolts (Item No. 002822) or Reduction Bushings (Item No. 000544) are required.



Weight: approx. 14 kg





280221.P



280222



280223



280224

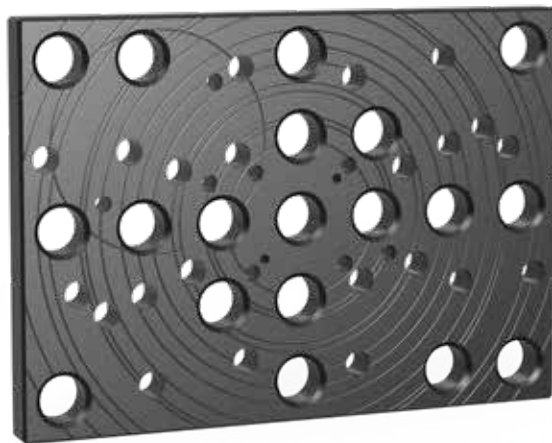
	Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
Clamping Plate 350 for DIN Flanges with Fixing Bolt nitrided for flanges DIN 2633 nominal width DN 15 - DN 200	350 mm	250 mm	25 mm	14,00 kg	2-280221.P 844.00 USD ●



MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

	Length: (a)	Ø: (o)	Weight:	Item No.
Fixing Bolt Ø 13,8 for bore 8.1 - for Clamping Plate 280220 / 280221 - burnished	39 mm	13,8 mm	0,03 kg	2-280222 20.00 USD ●
Fixing Bolt Ø 17,8 for bore 10.1 - for Clamping Plate 280220 / 280221 - burnished	41 mm	17,8 mm	0,05 kg	2-280223 20.00 USD ●
Fixing Bolt Ø 21,8 for bore 16.1 - for Clamping Plate 280220 / 280221 - burnished	47 mm	21,8 mm	0,10 kg	2-280224 20.00 USD ●

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:

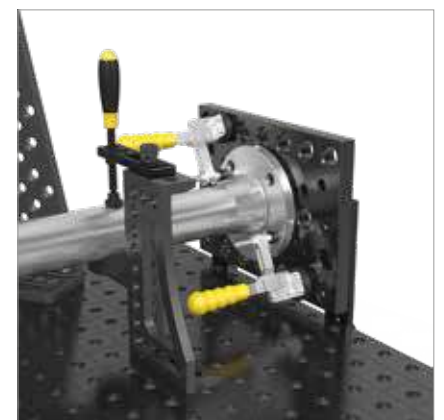
- 2 x fixing bolts Ø 15.5
- 2 x fixing bolts Ø 18.9
- 2 x fixing bolts Ø 22.2
- 2 x fixing bolts Ø 25.2

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.

In order to utilize the Clamping Plate in system 22 connection elements like Connecting Bolts (Item No. 028022), Combination Clamping Bolts (Item No. 002822) or Reduction Bushings (Item No. 000544) are required.





280250.P



280251.P



280252.P



280255



280256



280257



280258



280259

		Length: (a)	Width: (b)	MS: (d)	Weight:	Clamping Plate Plasma nitrided
Clamping Plate 150 lbs with Fixing Bolt nitrided 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 918.00 USD ●
Clamping Plate 300 lbs with Fixing Bolt nitrided 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 1,046.00 USD ●
Clamping Plate 400-600 lbs with Fixing Bolt nitrided 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 1,090.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

	Length: (a)	Ø: (o)	Weight:	Item No.
Fixing Bolt Ø 15,5 - for Clamping Plate 280250 / 280251 / 280252 - burnished	39 mm	15,5 mm	0,03 kg	2-280255 24.00 USD ●
Fixing Bolt Ø 18,9 - for Clamping Plate 280250 / 280251 / 280252 - burnished	41 mm	18,9 mm	0,05 kg	2-280256 24.00 USD ●
Fixing Bolt Ø 22,2 - for Clamping Plate 280250 / 280251 / 280252 - burnished	45 mm	22,2 mm	0,10 kg	2-280257 26.00 USD ●
Fixing Bolt Ø 25,2 - for Clamping Plate 280251 / 280252 - burnished	50 mm	25,2 mm	0,14 kg	2-280258 38.00 USD ●
Fixing Bolt Ø 28,2 - for Clamping Plate 280252 - burnished	50 mm	28,2 mm	0,16 kg	2-280259 40.00 USD ●

Pneumatic Clamps

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.



000850



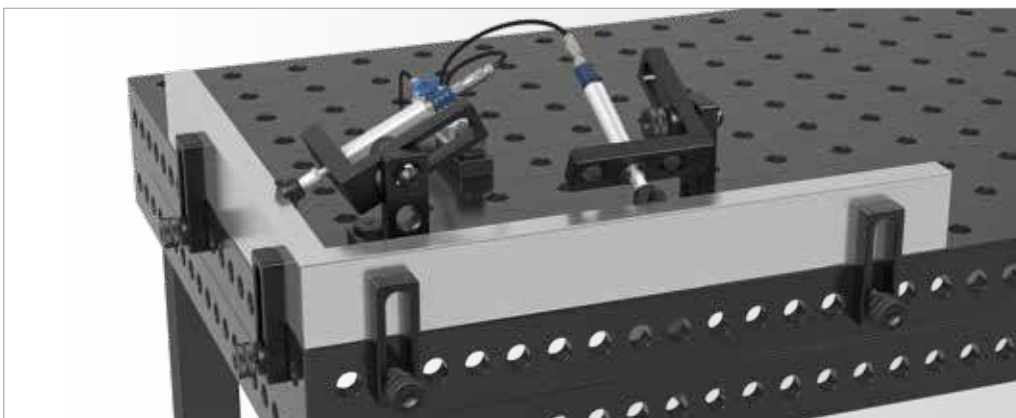
000851



000855



000860





	Force	Weight:	Item No.
Pneumatic Cylinder, short Form incl. Adapter System 16	F = 650 N at 8 bar	0,90 kg	0-000850 498.00 USD ○
Pneumatic Cylinder, short Form incl. Adapter System 28	F = 650 N at 8 bar	0,93 kg	0-000851 478.00 USD ○
Pneumatic Cylinder, long form for System 28	F = 350 N at 8 bar	0,80 kg	0-000855 418.00 USD ○
Manifold 8 Outlets		0,14 kg	0-000860 458.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Adapter Plate

Description:

Adapter Plate, especially developed in order to fasten screw clamps across systems. The Plate is fixed onto the table using clamping bolts. The hole located in the center is used to quickly and safely fasten the screw clamp.

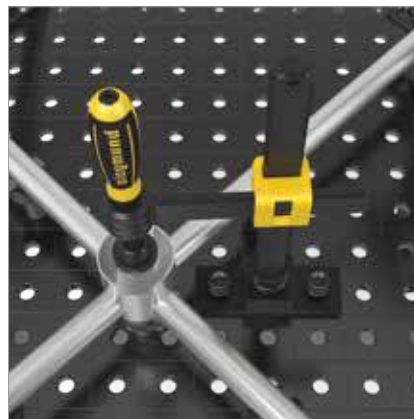
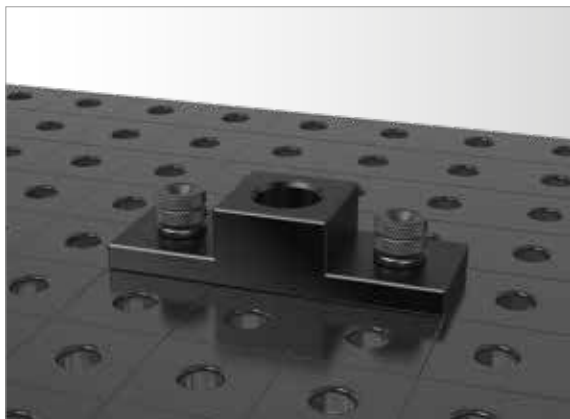


000570

000571.N



000572.N



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter Plate 28 -> 16 - burnished / nitrided	150 mm	50 mm	35 mm	0,94 kg	2-000570 72.00 USD ●
Adapter Plate 28 -> 22 - nitrided	150 mm	50 mm	35 mm	1,09 kg	2-000571.N 72.00 USD ●
Adapter Plate 22 -> 16 - nitrided	150 mm	50 mm	25 mm	0,83 kg	2-000572.N 72.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Combination Fast Clamping Bolt

Description:

Combination Fast Clamping Bolt, developed specifically to bolt components of bigger systems to smaller systems. The ball size and clamping force correspond with 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!



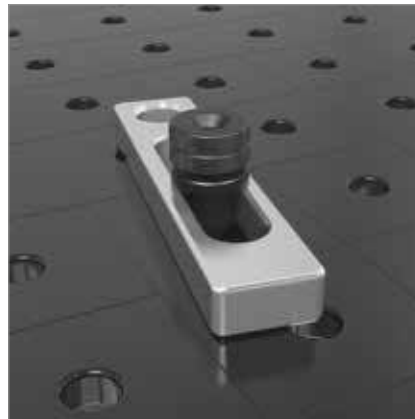
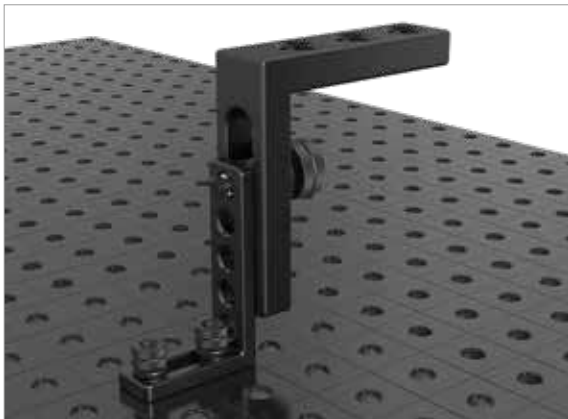
000520



002822



002216



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Combination Fast Clamping Bolt short 28 -> 16 - burnished	75 mm	40 mm	0,32 kg	55,00 kN	10,00 Nm	10,00 kN	2-000520 84.00 USD ●
Combination Fast Clamping Bolt short 28 -> 22 - burnished	88 mm	40 mm	0,45 kg	130,00 kN	15,00 Nm	15,00 kN	2-002822 84.00 USD ●
Combination Fast Clamping Bolt short 22 -> 16 - burnished	71 mm	35 mm	0,28 kg	55,00 kN	10,00 Nm	10,00 kN	2-002216 78.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Reduction Bushing

Description:

Reduction Bushing, especially developed for clamping components of smaller systems onto bigger systems. The Reducing Bushing can be fixed in the components and thereby giving the option to clamp them with bolts of another systems. The Reducing Bushing is suited for bore holes, but not for oblong slots.

To clamp the Reduction Bushing for system 22, a Clamping Bolt long is required.



000545



000541



000543



	Length: (a)	Ø: (o)	Weight:	Item No.
Reduction Bushing 16 -> 28 - burnished	24 mm	32 mm	0,05 kg	2-000545 ● 22.00 USD
Reduction Bushing 16 -> 22 - Clamping Bolt long required - burnished	24 mm	27 mm	0,04 kg	2-000541 ● 22.00 USD
Reduction Bushing 22 -> 28 - Clamping Bolt long required - burnished	36 mm	32 mm	0,08 kg	2-000543 ● 22.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Reduction Bushing

Description:

Reduction Bushing, especially developed for clamping components of bigger systems onto smaller systems. The Reducing Bushing can be fixed in the components and thereby giving the option to clamp them with bolts of smaller systems. The Reducing Bushing is suited for bore holes as well as oblong slots.

To clamp the Reduction Bushing for system 22, a Clamping Bolt long is required.



000544



000546



000542



	Length: (a)	Ø: (o)	Weight:	Item No.
Reduction Bushing 28 -> 22 - Clamping Bolt long required - burnished	35 mm	36 mm	0,10 kg	2-000544 22.00 USD ●
Reduction Bushing 28 -> 16 - burnished	29 mm	36 mm	0,07 kg	2-000546 22.00 USD ●
Reduction Bushing 22 -> 16 - Clamping Bolt long required - burnished	23 mm	31 mm	0,05 kg	2-000542 22.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Adapter Sleeve

Description:

Adapter Sleeve, especially developed to accommodate components in bigger system bore holes (not suitable for clamping with clamping bolts). By installing into a Screw Support it can be used with components of other systems.



000547



000549



000548



	Length: (a)	Ø: (o)	Weight:	Item No.
Adapter Sleeve 16 -> 28 - burnished	40 mm	31 mm	0,12 kg	2-000547 ● 24.00 USD
Adapter Sleeve 22 -> 28 - burnished	25 mm	30 mm	0,04 kg	2-000549 ● 24.00 USD
Adapter Sleeve 16 -> 22 - burnished	18 mm	24 mm	0,02 kg	2-000548 ● 24.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Connecting Bolt

Description:

Connecting Bolt, especially designed to connect tables of different systems. All components can be interconnected across systems using the system bore holes.



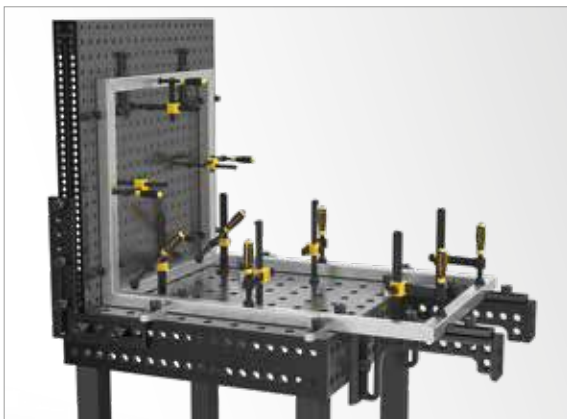
000562



028022



022016



	Length: (a)	Ø: (o)	Weight:	Item No.
Connecting Bolt 28 <-> 16 - burnished	34 mm	32 mm	0,12 kg	2-000562 40.00 USD ●
Connecting Bolt 28 <-> 22 - burnished	36 mm	32 mm	0,11 kg	2-028022 40.00 USD ●
Connecting Bolt 22 <-> 16 - burnished	27 mm	27 mm	0,15 kg	2-022016 36.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Anti-Spatter Liquid with Corrosion Protection



000924



000929



000926

Description:

Anti-Spatter, non-flammable, water soluble anti-spatter agent, preventing the welding table from welding spatter burn-in. By using Anti-Spatter, no toxic or harmful vapours or corrosive particles are generated.

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 20-30 € per square meter.

The material safety data sheet is available online.



	Weight:	Item No.
Anti-Spatter Liquid with Corrosion Protection - spray bottle 1 liter	1,10 kg	2-000924 26.00 USD ●
Set Anti-Spatter Liquid with Corrosion Protection 8x 1 liter spray bottle - spray bottle 1 liter	8,80 kg	2-000924.8 208.00 USD ●
Anti-Spatter Liquid with Corrosion Protection - pump bottle 1 liter	1,10 kg	2-000929 58.00 USD ●
Anti-Spatter Liquid with Corrosion Protection - canister 5 liter	5,20 kg	2-000926 78.00 USD ●
Set Anti-Spatter Liquid with Corrosion Protection 6x 5 liter - canister 5 liter	31,20 kg	2-000926.6 468.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

CleanBasic

Description:

CleanBasic 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.



000914

000915



	Weight:	Item No.
CleanBasic - spray bottle 1 liter	1,10 kg	2-000914 22.00 USD ●
Set CleanBasic 8x 1 liter spray bottle - spray bottle 1 liter	8,80 kg	2-000914.8 176.00 USD ●
CleanBasic - canister 5 liter	5,20 kg	2-000915 66.00 USD ●
Set CleanBasic 6x 5 liter - canister 5 liter	31,20 kg	2-000915.6 396.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Oilstone

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.

Suitable for non-nitrided welding tables and accessories.



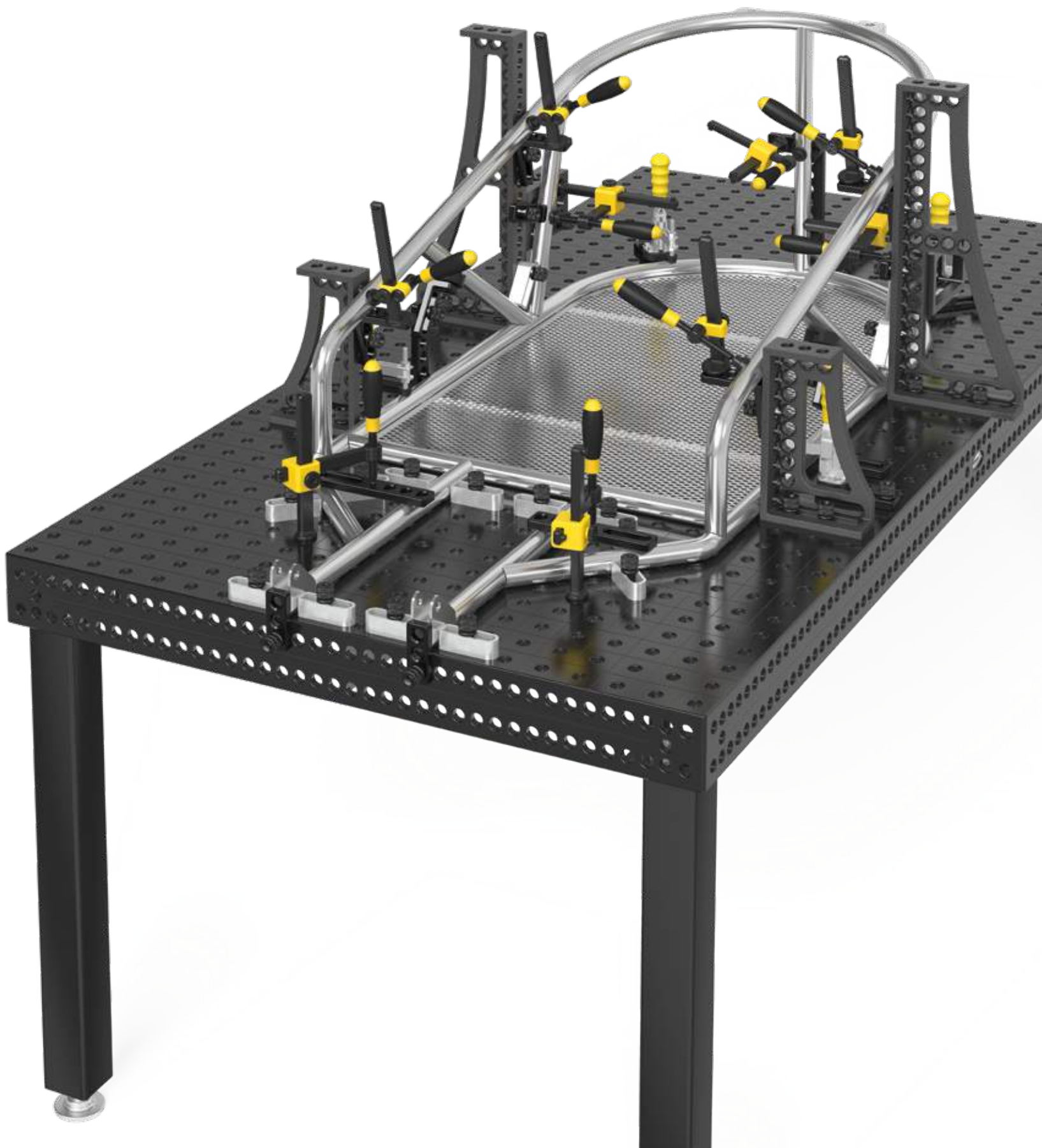
000940

000942



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Oilstone - 200x50x25	200 mm	50 mm	25 mm	0,56 kg	2-000940 ● 32.00 USD
Oilstone - 150x50x25	150 mm	50 mm	25 mm	0,42 kg	2-000942 ● 26.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



TABLES



TABLE LEGS



STOPS



SQUARES



BOLTS



CLAMPS & ACCESSORIES



PRISMS & SUPPORTS



FAST CLAMPING EQUIPMENT & ADAPTER



ACCESSORIES



POSITIONER





Page 568
Basic Plasma nitrided



Page 572
Professional Stainless Steel



Page 576
Professional 750 Plasma nitrided



Page 580
Professional Extreme 8.7 - 1000x500x100 Plasma nitrided



Page 582
Professional Extreme 8.7 - 1000x1000x100 Plasma nitrided



Page 584
Professional Extreme 8.7 - 1200x800x100 Plasma nitrided



Page 586
Professional Extreme 8.7 - 1200x1200x100 Plasma nitrided



Page 588
Professional Extreme 8.7 - 1500x1000x100 Plasma nitrided



Page 590
Professional Extreme 8.7 - 1500x1500x100 Plasma nitrided



Page 592
Professional Extreme 8.7 - 2000x1000x100 Plasma nitrided



Page 594
Professional Extreme 8.7 - 2000x1200x100 Plasma nitrided



Page 596
Professional Extreme 8.7 - 2400x1200x100 Plasma nitrided



Page 466
Professional Extreme 8.7 - 3000x1500x100 Plasma nitrided



Page 600
Professional Extreme 8.7 - 4000x2000x100 Plasma nitrided



Page 602
Welding Table - Special Sizes Plasma nitrided



Page 604
Perforated Aluminum Plate for Table



Page 606
Octagonal Table 100 Plasma nitrided



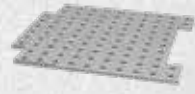
Page 608
Octagonal Table 50 Plasma nitrided



Page 610
Octagonal Plate 12 Plasma nitrided



Page 612
Clamping- and Replacement Plate, with bore holes



Page 614
Support and Clamping Sleeve

Page 616
Module, Grid Plates

Basic



Basic

Welding Tables Basic are manufactured of premium steel S355J2+N and subsequently plasma-nitrided by applying a thermo-chemical procedure. Then the welding table runs through an additional thermo-chemical procedure to increase corrosion resistance. At the same time the load capacity of the welding table is increased.

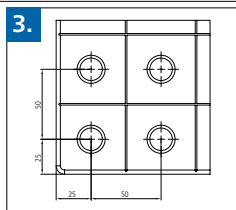
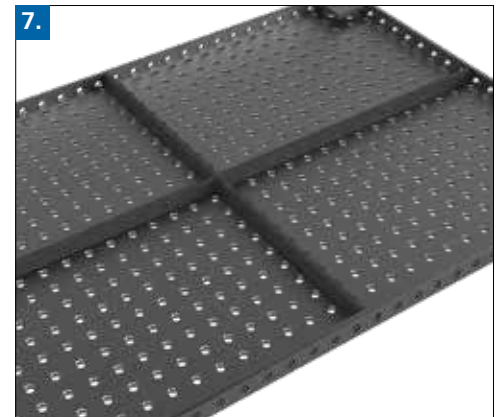
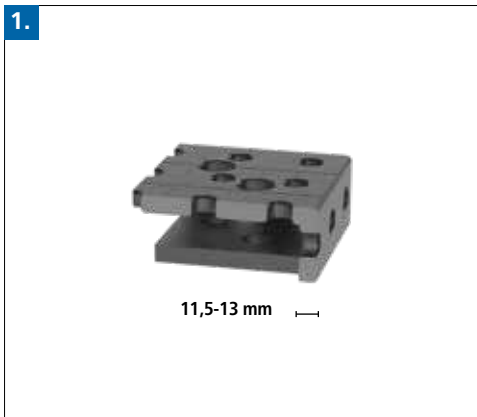
You can also find the product video on:

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

- approx. 11,5 – 13 mm

2. MATERIAL

Premium Steel S355J2+N,
plasma nitrided and BAR-coated

VICKERS HARDNESS GRADE

Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220

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 684)

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 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 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.

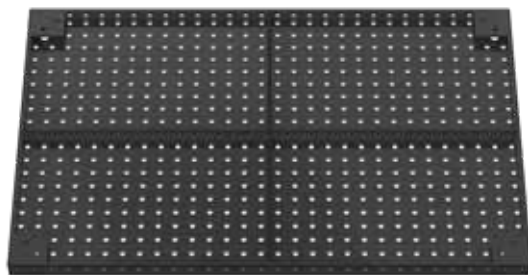
Basic Welding Table

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 bore holes is 16 mm, the thickness of the material approx. 11,5-13 mm. It is manufactured of high quality S355J2+N 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 620.

Special equipment for welding tables available by request.



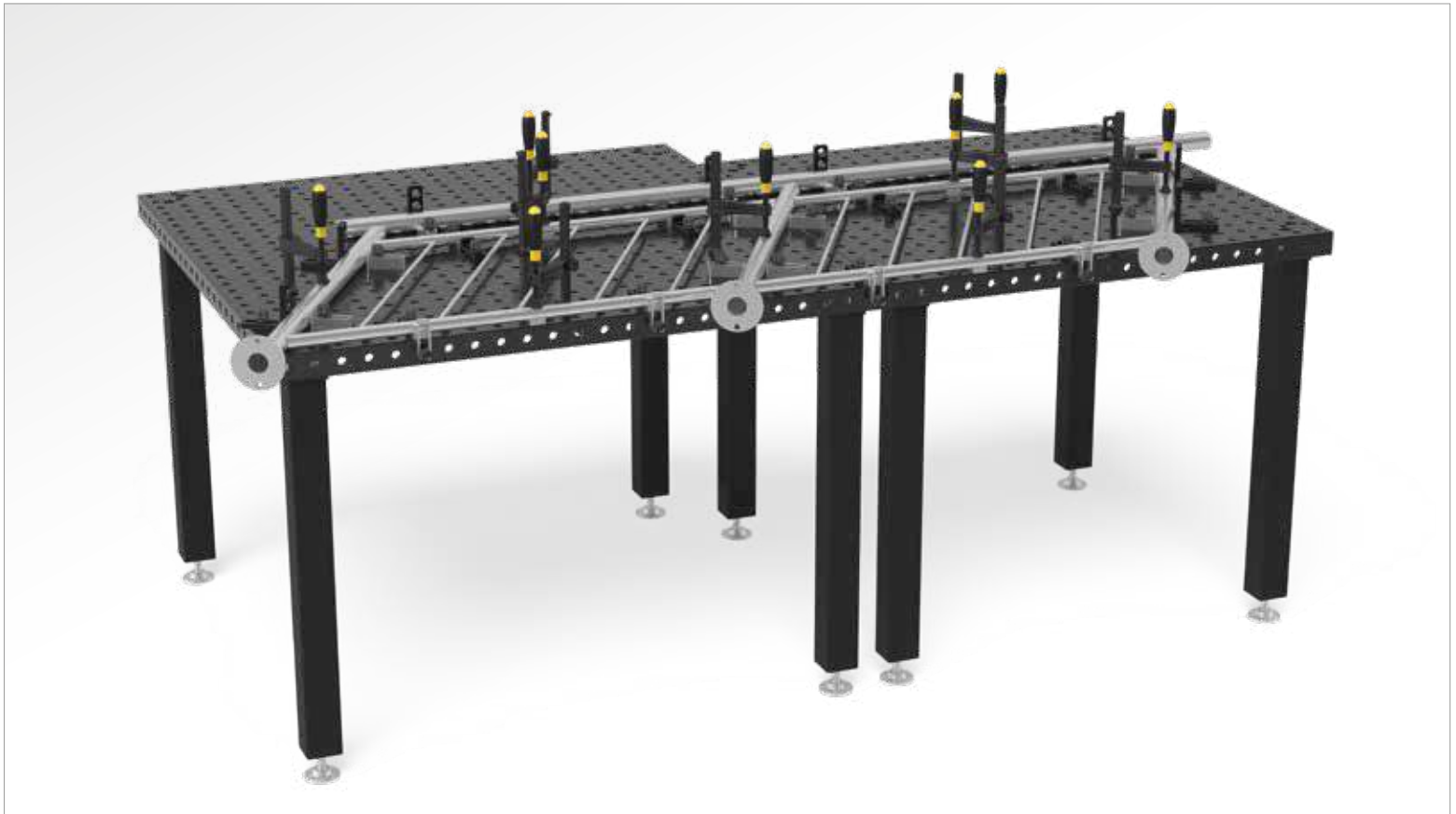


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Basic Plasma nitrided 50 mm Grid	Without plasma nitriding reduced price
Basic 1000x1000x50 with Leg standard equipment 815 Table height 850	4	1000 mm	1000 mm	50 mm	approx. 183 kg	161010.P 2,140.00 USD ●	2-165110.B -250,00 USD ○
Basic 1200x800x50 with Leg standard equipment 815 Table height 850	4	1200 mm	800 mm	50 mm	approx. 173 kg	161025.P 2,140.00 USD ●	2-165125.B -250,00 USD ○
Basic 1200x1200x50 with Leg standard equipment 815 Table height 850	4	1200 mm	1200 mm	50 mm	approx. 242 kg	161015.P 2,784.00 USD ●	2-165115.B -300,00 USD ○
Basic 1500x1000x50 with Leg standard equipment 815 Table height 850	4	1500 mm	1000 mm	50 mm	approx. 244 kg	161035.P 3,000.00 USD ●	2-165135.B -300,00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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



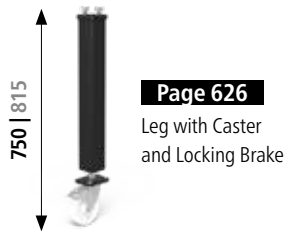
Stainless Steel

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.

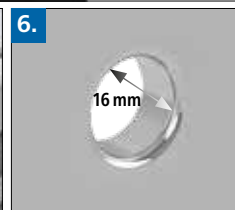
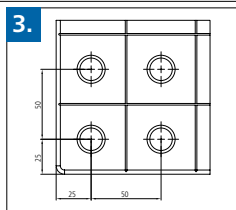
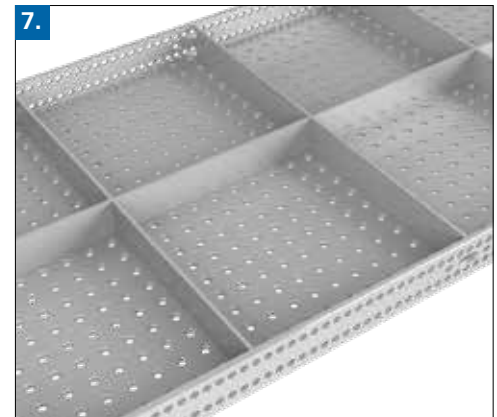
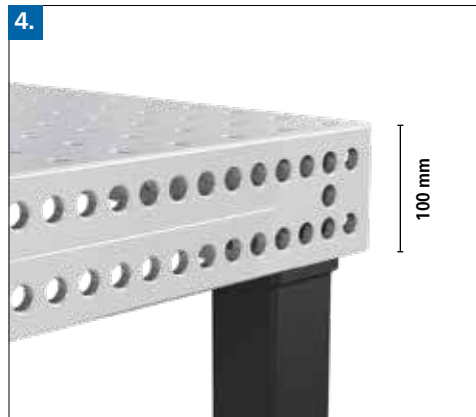
You can also find the product video on:

www.siegmund.com/V160020.E

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

- approx. 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 RADIUS

- 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 684)

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 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
 based on even load distribution.
 (data only for leg 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:

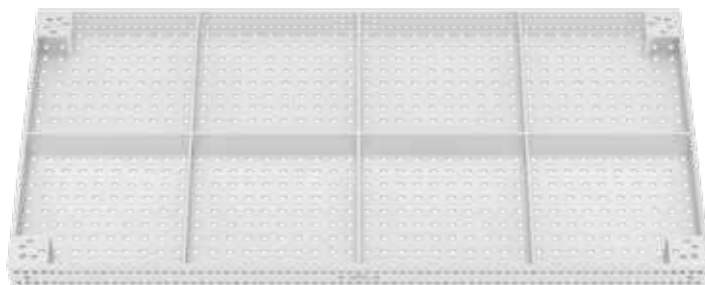
Stainless Steel Table with horizontal / vertical hole arrangement on the table top, and a parallel hole pattern in a 25 mm grid on the sides. The bore holes have a 16 mm diameter and a material thickness of approx. 11,5-13 mm. It is manufactured of high-quality stainless steel X5CrNi18-10 (V2A). Grid lines spaced 50 mm apart simplify the set-up of your equipment.

Please find different table leg options starting page 620.

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.



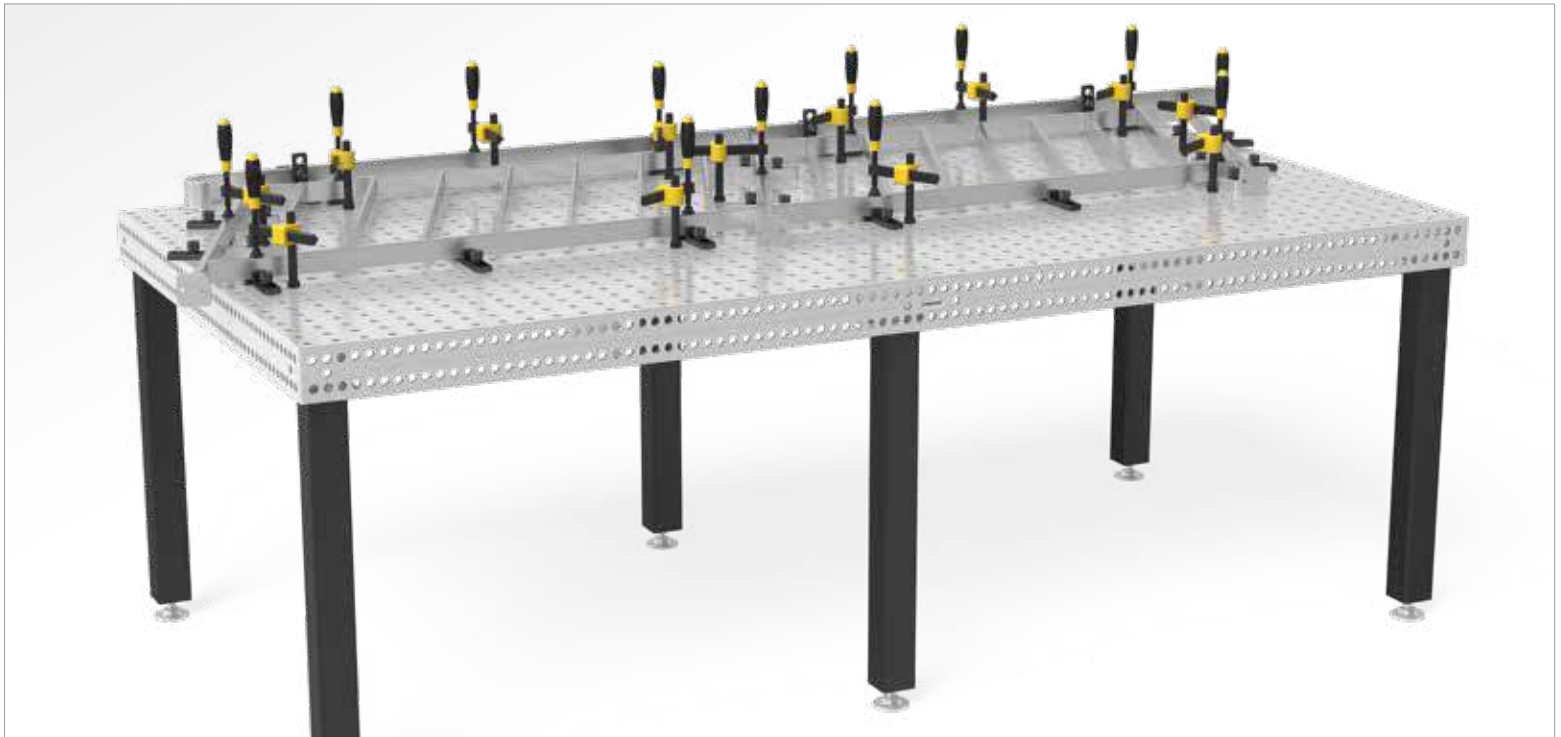


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Stainless Steel
Professional 1000x500x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1000 mm	500 mm	100 mm	approx. 149 kg	2-160005.E 3,510.00 USD ○
Professional 1000x1000x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1000 mm	1000 mm	100 mm	approx. 219 kg	2-160010.E 5,668.00 USD ○
Professional 1200x800x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1200 mm	800 mm	100 mm	approx. 219 kg	2-160025.E 5,128.00 USD ○
Professional 1200x1200x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1200 mm	1200 mm	100 mm	approx. 279 kg	2-160015.E 7,288.00 USD ○
Professional 1500x1000x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1500 mm	1000 mm	100 mm	approx. 299 kg	2-160035.E 7,826.00 USD ○
Professional 1500x1500x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	1500 mm	1500 mm	100 mm	approx. 399 kg	2-160050.E 10,794.00 USD ○
Professional 2000x1000x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	2000 mm	1000 mm	100 mm	approx. 374 kg	2-160020.E 10,254.00 USD ○
Professional 2000x1200x100 Stainless Steel with Leg standard equipment 750 Table height 850	4	2000 mm	1200 mm	100 mm	approx. 439 kg	2-160060.E 11,334.00 USD ○
Professional 2400x1200x100 Stainless Steel with Leg standard equipment 750 Table height 850	6	2400 mm	1200 mm	100 mm	approx. 537 kg	2-160030.E 13,492.00 USD ○
Professional 3000x1500x100 Stainless Steel with Leg standard equipment 750 Table height 850	6	3000 mm	1500 mm	100 mm	approx. 762 kg	2-160040.E 18,890.00 USD ○
Additional sizes upon request						○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 750



Professional 750

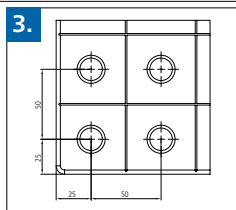
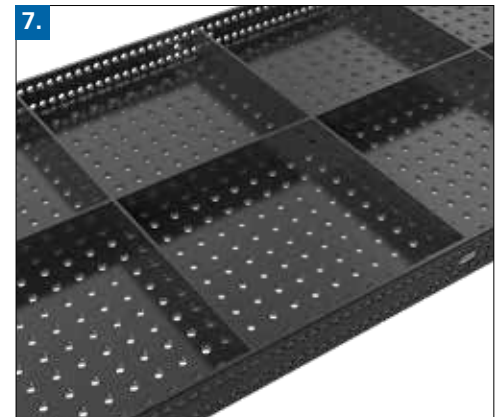
» Surface hardness up to 750 Vickers!

Professional 750 welding tables are manufactured of S355J2+N steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the welding table it is especially suited for working with heavy components.

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

- approx. 11,5 – 13 mm

2. MATERIAL

Premium Steel S355J2+N,
plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Surface hardness: approx. 450 – 750
Basic hardness: approx. 165 – 220

* Due to the lack of material hardness of Professional 750 significantly higher product wear.

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 684)

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 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
based on even load distribution.
(data only for leg 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 750

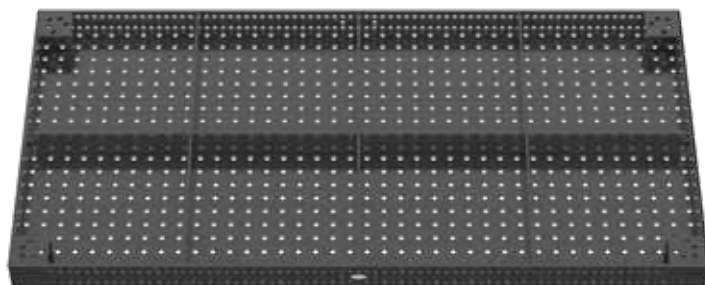


Description:

Professional 750 Table with horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes is 16 mm. The table has a material thickness of approx. 11,5-13 mm and is manufactured of high-quality S355J2+N steel. Grid lines spaced 50 mm apart simplify the setup of your equipment.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.



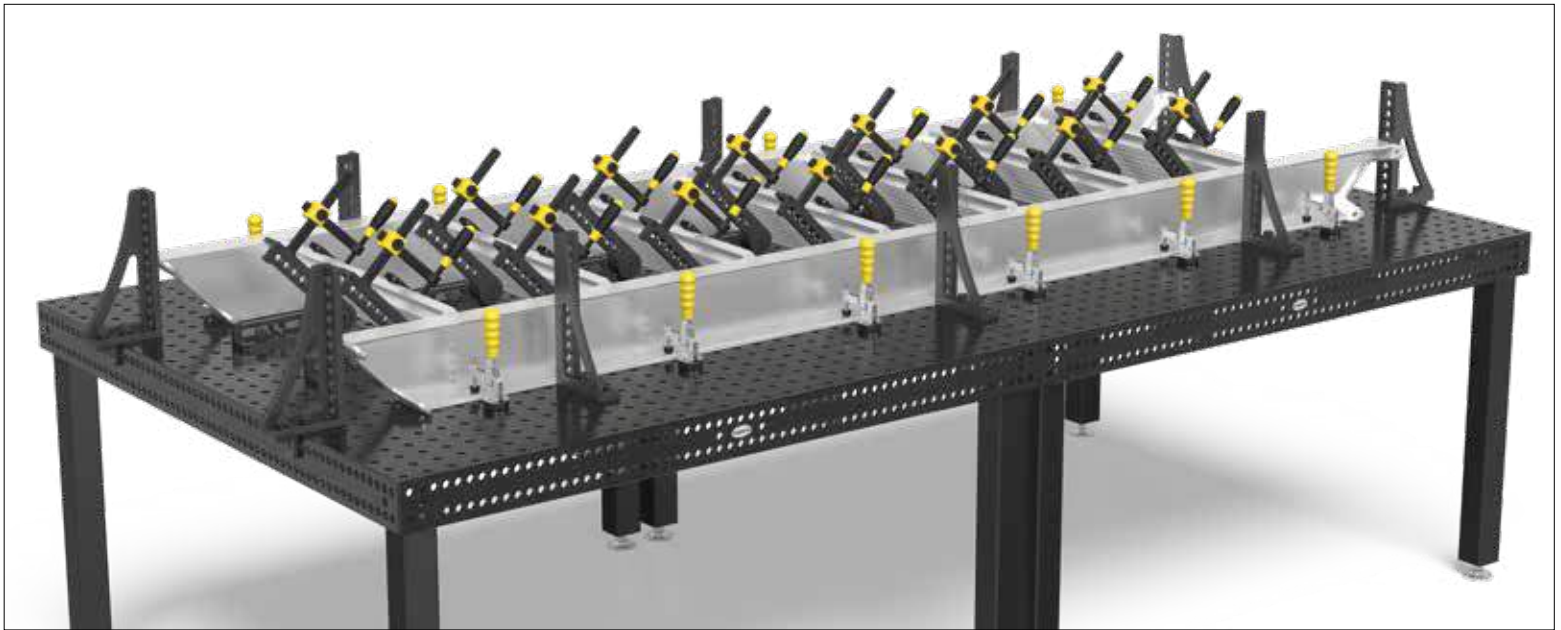


	Table Legs:	Length: (a)	Width: (b)	Height: (c)	Weight:	Professional 750 Plasma nitrided 50 mm Grid	Without plasma nitriding reduced price
Professional 750 1000x500x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1000 mm	500 mm	100 mm	approx. 128 kg	2-160005.P 1,990.00 USD ○	2-165105 -172,00 USD ○
Professional 750 1000x1000x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1000 mm	1000 mm	100 mm	approx. 193 kg	2-160010.P 2,654.00 USD ○	2-165110 -208,00 USD ○
Professional 750 1200x800x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1200 mm	800 mm	100 mm	approx. 195 kg	2-160025.P 2,654.00 USD ●	2-165125 -208,00 USD ○
Professional 750 1200x1200x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1200 mm	1200 mm	100 mm	approx. 261 kg	2-160015.P 3,322.00 USD ●	2-165115 -356,00 USD ○
Professional 750 1500x1000x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1500 mm	1000 mm	100 mm	approx. 281 kg	2-160035.P 3,516.00 USD ●	2-165135 -318,00 USD ○
Professional 750 1500x1500x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	1500 mm	1500 mm	100 mm	approx. 397 kg	2-160050.P 4,720.00 USD ●	2-165150 -430,00 USD ○
Professional 750 2000x1000x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	2000 mm	1000 mm	100 mm	approx. 354 kg	2-160020.P 4,720.00 USD ●	2-165120 -588,00 USD ○
Professional 750 2000x1200x100 Plasma nitrided with Leg standard equipment 750 Table height 850	4	2000 mm	1200 mm	100 mm	approx. 415 kg	2-160060.P 5,580.00 USD ●	2-165160 -600,00 USD ○
Professional 750 2400x1200x100 Plasma nitrided with Leg standard equipment 750 Table height 850	6	2400 mm	1200 mm	100 mm	approx. 503 kg	2-160030.P 6,440.00 USD ●	2-165130 -628,00 USD ○
Professional 750 3000x1500x100 Plasma nitrided with Leg standard equipment 750 Table height 850	8	3000 mm	1500 mm	100 mm	approx. 795 kg	2-160050.P.2 9,440.00 USD ●	2-165150.2 -860,00 USD ○
Additional sizes upon request							○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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

160050.P.2: Consisting of 2 tables 1,5 x 1,5 m incl. 6 connecting bolts.

Professional Extreme 8.7



Professional Extreme 8.7

» Surface hardness up to 850 Vickers!

Professional Extreme 8.7 welding tables are manufactured of special tool steel and additionally plasma-nitrided and coated. Based on the increased load capacity of the welding table it is especially suited for working with extremely heavy components.

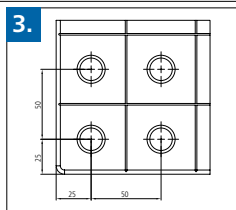
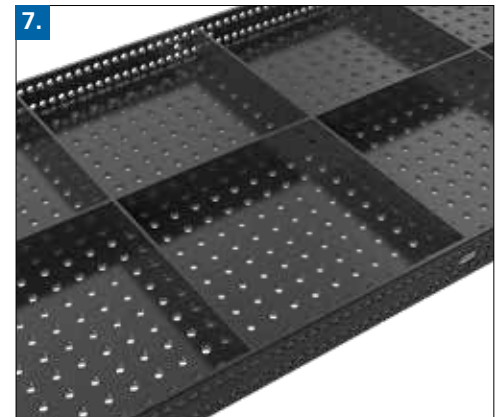
You can also find the product video on:

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

- approx. 11,5 – 13 mm

2. MATERIAL

Hardened tool steel X8.7, plasma nitrided and BAR-coated*

VICKERS HARDNESS GRADE

Table top:

Surface hardness: approx. 450 – 850

Basic hardness: approx. 280 – 340

Table side:

Surface hardness: approx. 450 – 750

Basic hardness: approx. 165 – 220

* The four side faces are still constructed from our standard, high quality S355J2+N 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 684)

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 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
 based on even load distribution.
 (data only for leg 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 8.7 1000x500x100 mm



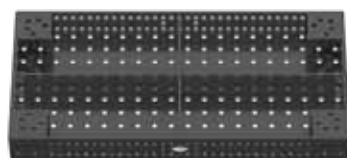
Description:

Professional Extreme Table, 1000x500x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 128 kg
Weight = Table + Pallet + Leg standard equipment



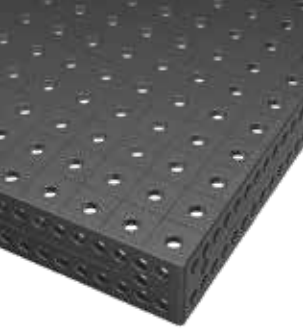
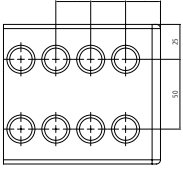
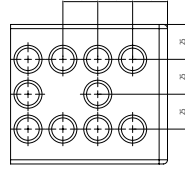
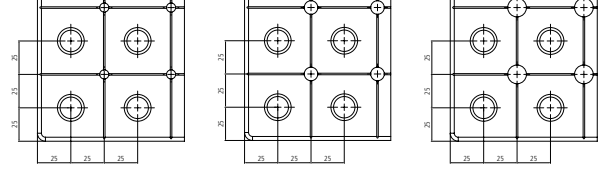


Professional Extreme 8.7 1000x500x100 mm

1000x500x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160005.X7.T1 1,848.00 USD ●	2-165105 -172.00 USD ○
with Leg standard equipment 750 Table height 850	2-160005.X7 2,216.00 USD ●	2-165105 -172.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 		
2-160857.XX ●	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD		

Special equipment for welding table Professional Extreme					
 Example for 50 mm Grid	Table side panel		Surface		
		Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
Professional Extreme	2-166705.X 598.00 USD	2-166605.X 192.00 USD	M8 2-166105.X 572.00 USD	M12 2-166205.X 572.00 USD	M16 2-166305.X 572.00 USD

Professional Extreme 8.7 1000x1000x100 mm



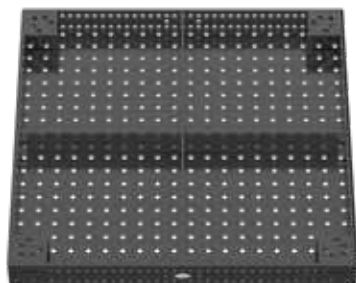
Description:

Professional Extreme Table, 1000x1000x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 193 kg
Weight = Table + Pallet + Leg standard equipment






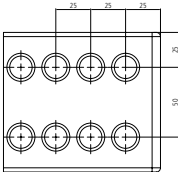
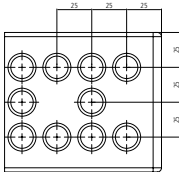
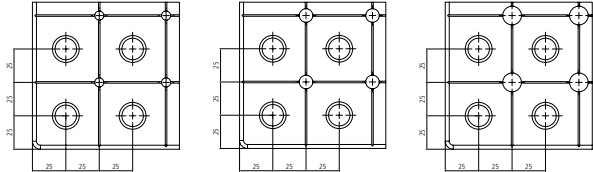


Professional Extreme 8.7 1000x1000x100 mm

1000x1000x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160010.X7.T1 2,502.00 USD ●	2-165110 ○ -208.00 USD
with Leg standard equipment 750 Table height 850	2-160010.X7 2,870.00 USD ●	2-165110 ○ -208.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 750 (see page 626) 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 	Surcharge Leg height-adjustable with Caster and locking Brake (see page 627) 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

 Example for diagonal grid for table sides.	Table side panel		Surface		
	Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 		
Professional Extreme	2-166710.X 758.00 USD	2-166610.X 274.00 USD	M8 2-166110.X 818.00 USD	M12 2-166210.X 818.00 USD	M16 2-166310.X 818.00 USD

Professional Extreme 8.7 1200x800x100 mm



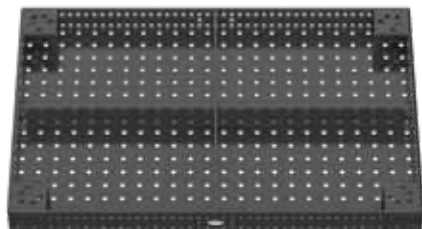
Description:

Professional Extreme Table, 1200x800x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 195 kg
Weight = Table + Pallet + Leg standard equipment



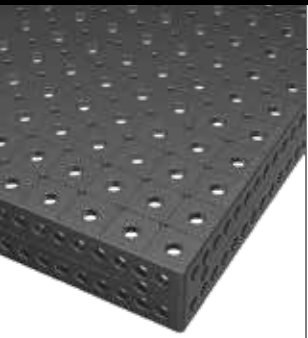
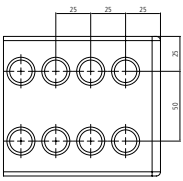
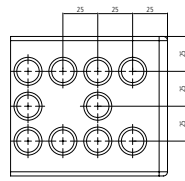
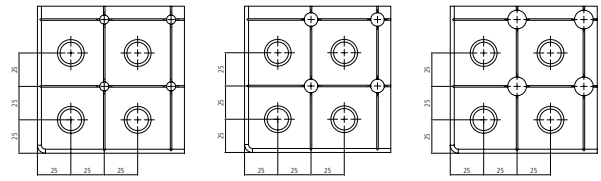


Professional Extreme 8.7 1200x800x100 mm

1200x800x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160025.X7.T1 2,724.00 USD ●	2-165125 ○ -208.00 USD
with Leg standard equipment 750 Table height 850	2-160025.X7 3,092.00 USD ●	2-165125 ○ -208.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
<p>Surcharge Leg standard equipment</p> <p>(see page 622)</p> <p>Exchangeable without surcharge</p> 	<p>Surcharge Leg with Floor Anchoring</p> <p>(see page 625)</p> 	<p>Surcharge Leg height-adjustable</p> <p>(see page 624)</p> 		
2-160857.XX ●	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD		

Special equipment for welding table Professional Extreme						
 Example for Diagonal grid M8	Table side panel		Surface			
		<p>Surcharge for table sides double hardened</p> <p>(see page 578)</p> 	<p>Surcharge Diagonal Grid for table sides</p> <p>(see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread</p> <p>(see page 82)</p> 		
Professional Extreme	2-166725.X 754.00 USD	2-166625.X 272.00 USD	M8 2-166125.X 814.00 USD	M12 2-166225.X 814.00 USD	M16 2-166325.X 814.00 USD	

Professional Extreme 8.7 1200x1200x100 mm



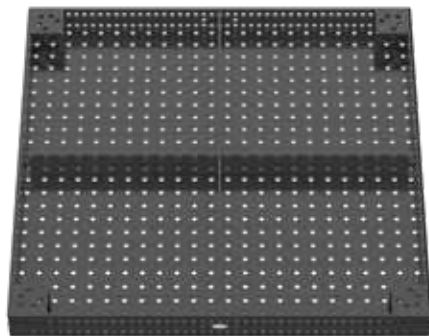
Description:

Professional Extreme Table, 1200x1200x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 261 kg
Weight = Table + Pallet + Leg standard equipment



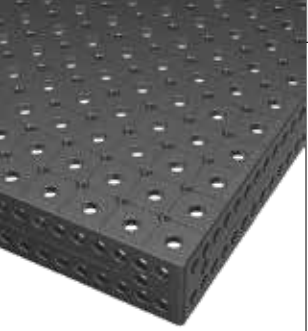
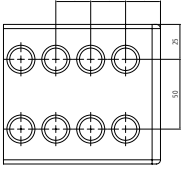
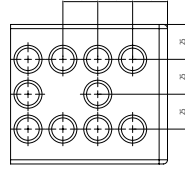
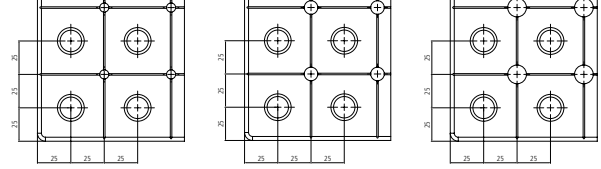


Professional Extreme 8.7 1200x1200x100 mm

1200x1200x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160015.X7.T1 3,388.00 USD ●	2-165115 ○ -356.00 USD
with Leg standard equipment 750 Table height 850	2-160015.X7 3,756.00 USD ●	2-165115 ○ -356.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 750 (see page 626) 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 	Surcharge Leg height-adjustable with Caster and locking Brake (see page 627) 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

 Example for Diagonal grid M12 Professional Extreme	Table side panel		Surface				
	Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 			M8 2-166115.X 1,062.00 USD	M12 2-166215.X 1,062.00 USD

Professional Extreme 8.7 1500x1000x100 mm



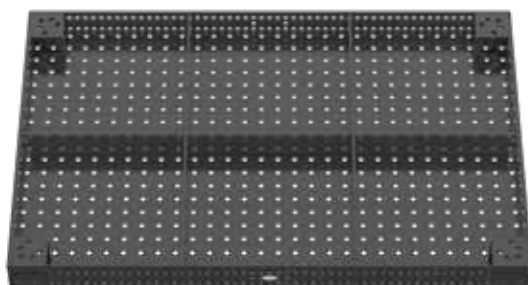
Description:

Professional Extreme Table, 1500x1000x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 281 kg
Weight = Table + Pallet + Leg standard equipment




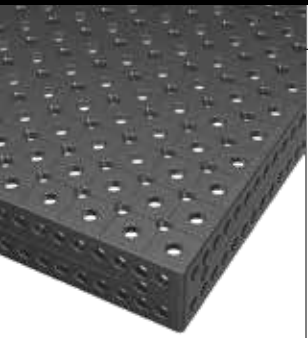
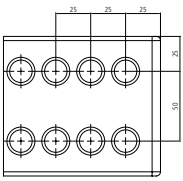
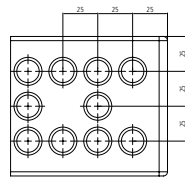
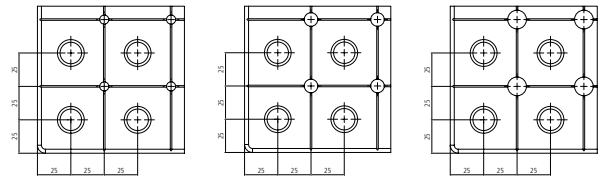


Professional Extreme 8.7 1500x1000x100 mm

1500x1000x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160035.X7.T1 3,572.00 USD ●	2-165135 ○ -318.00 USD
with Leg standard equipment 750 Table height 850	2-160035.X7 3,940.00 USD ●	2-165135 ○ -318.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
<p>Surcharge Leg standard equipment (see page 622)</p> <p>Exchangeable without surcharge</p> 	<p>Surcharge Leg with Caster and Locking Brake 750 (see page 626)</p> 	<p>Surcharge Leg with Floor Anchoring (see page 625)</p> 	<p>Surcharge Leg height-adjustable (see page 624)</p> 	<p>Surcharge Leg height-adjustable with Caster and locking Brake (see page 627)</p> 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

Special equipment for welding table Professional Extreme					
 Example for Diagonal grid M16	Table side panel		Surface		
		<p>Surcharge for table sides double hardened (see page 578)</p> 	<p>Surcharge Diagonal Grid for table sides (see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)</p> 	
Professional Extreme	2-166735.X 966.00 USD	2-166635.X 382.00 USD	M8 2-166135.X 1,142.00 USD	M12 2-166235.X 1,142.00 USD	M16 2-166335.X 1,142.00 USD

Professional Extreme 8.7 1500x1500x100 mm



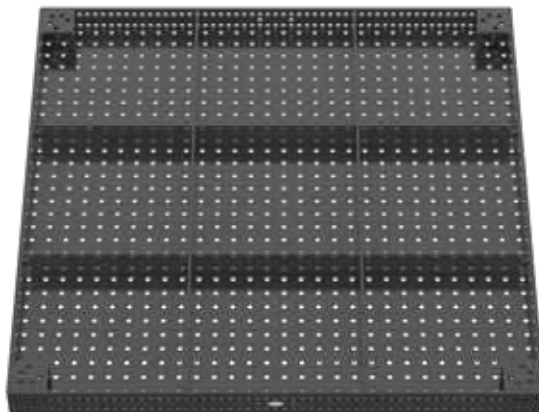
Description:

Professional Extreme Table, 1500x1500x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 397 kg
Weight = Table + Pallet + Leg standard equipment






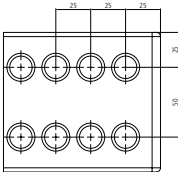
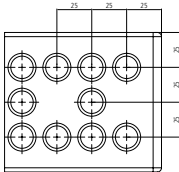
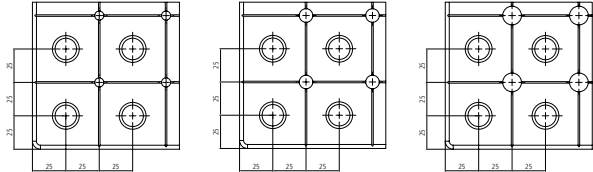


Professional Extreme 8.7 1500x1500x100 mm

1500x1500x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160050.X7.T1 4,828.00 USD ●	2-165150 -430.00 USD ○
with Leg standard equipment 750 Table height 850	2-160050.X7 5,196.00 USD ●	2-165150 -430.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 750 (see page 626) 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 	Surcharge Leg height-adjustable with Caster and locking Brake (see page 627) 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

Special equipment for welding table Professional Extreme					
 Example for 50 mm Grid Professional Extreme	Table side panel		Surface		
		Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
	2-166750.X 1,370.00 USD	2-166650.X 564.00 USD	M8 2-166150.X 1,692.00 USD	M12 2-166250.X 1,692.00 USD	M16 2-166350.X 1,692.00 USD

Professional Extreme 8.7 2000x1000x100 mm



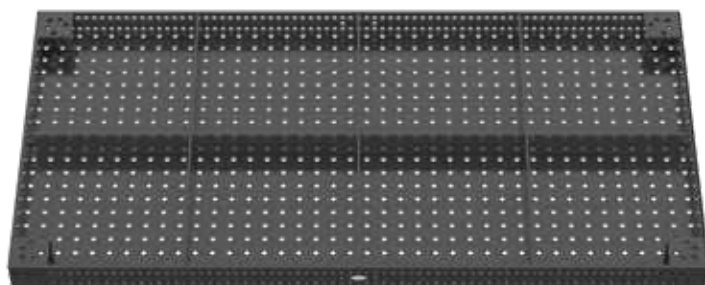
Weight: approx. 354 kg
Weight = Table + Pallet + Leg standard equipment

Description:

Professional Extreme Table, 2000x1000x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.






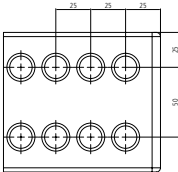
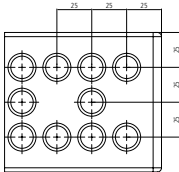
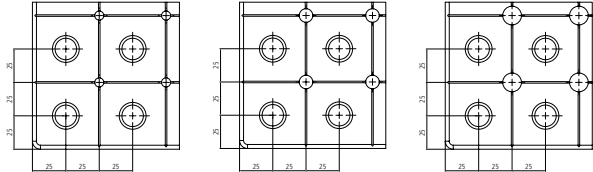


Professional Extreme 8.7
2000x1000x100 mm

2000x1000x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160020.X7.T1 4,828.00 USD ●	2-165120 -588.00 USD ○
with Leg standard equipment 750 Table height 850	2-160020.X7 5,196.00 USD ●	2-165120 -588.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 750 (see page 626) 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 	Surcharge Leg height-adjustable with Caster and locking Brake (see page 627) 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

Special equipment for welding table Professional Extreme					
 Example for diagonal grid for table sides.	Table side panel		Surface		
		Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
Professional Extreme	2-166720.X 1,270.00 USD	2-166620.X 514.00 USD	M8 2-166120.X 1,538.00 USD	M12 2-166220.X 1,538.00 USD	M16 2-166320.X 1,538.00 USD

Professional Extreme 8.7 2000x1200x100 mm



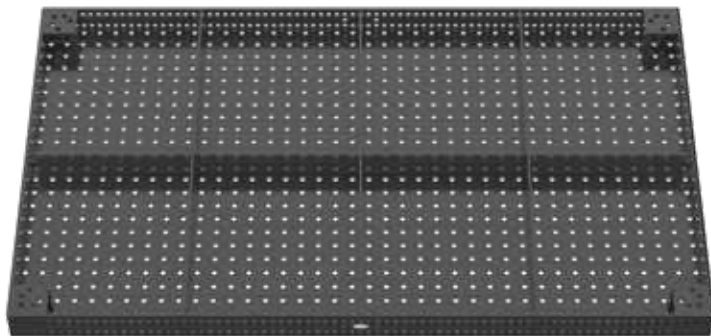
Weight: approx. 415 kg
Weight = Table + Pallet + Leg standard equipment

Description:

Professional Extreme Table, 2000x1200x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.




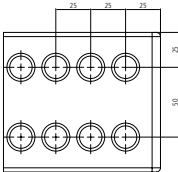
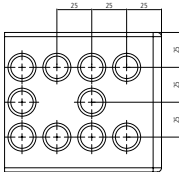
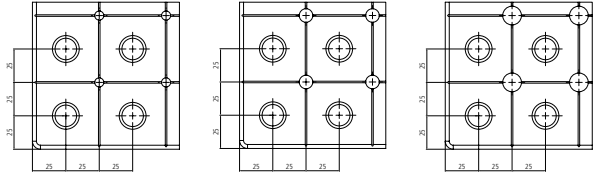


Professional Extreme 8.7 2000x1200x100 mm

2000x1200x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160060.X7.T1 5,892.00 USD ●	2-165160 -600.00 USD ○
with Leg standard equipment 750 Table height 850	2-160060.X7 6,260.00 USD ●	2-165160 -600.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
Surcharge Leg standard equipment (see page 622) Exchangeable without surcharge 	Surcharge Leg with Caster and Locking Brake 750 (see page 626) 	Surcharge Leg with Floor Anchoring (see page 625) 	Surcharge Leg height-adjustable (see page 624) 	Surcharge Leg height-adjustable with Caster and locking Brake (see page 627) 
2-160857.XX ●	2-160876.XX 102.00 USD	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD	2-160879.XX 150.00 USD

Special equipment for welding table Professional Extreme					
 Example for Diagonal grid M8 Professional Extreme	Table side panel		Surface		
		Surcharge for table sides double hardened (see page 578) 	Surcharge Diagonal Grid for table sides (see page 82) 	Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82) 	
	2-166760.X 1,470.00 USD	2-166660.X 616.00 USD	M8 2-166160.X 1,848.00 USD	M12 2-166260.X 1,848.00 USD	M16 2-166360.X 1,848.00 USD

Professional Extreme 8.7 2400x1200x100 mm



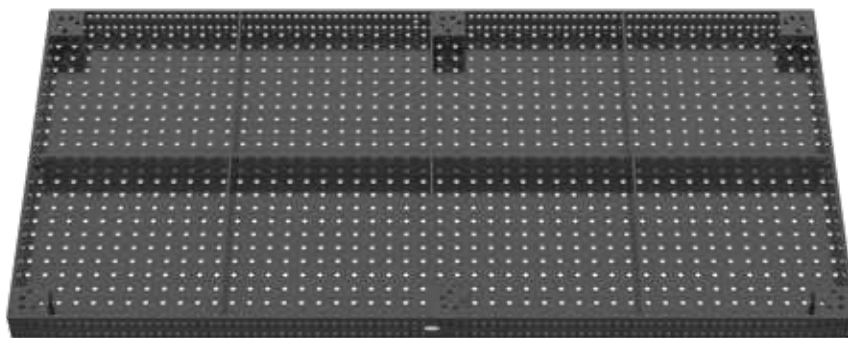
Weight: approx. 503 kg
Weight = Table + Pallet + Leg standard equipment

Description:

Professional Extreme Table, 2400x1200x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.




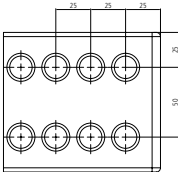
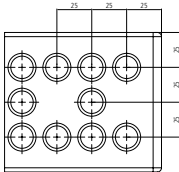
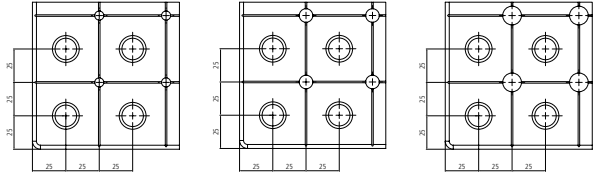


Professional Extreme 8.7 2400x1200x100 mm

2400x1200x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160030.X7.T1 6,754.00 USD ●	2-165130 -628.00 USD ○
with Leg standard equipment 750 Table height 850	2-160030.X7 7,306.00 USD ●	2-165130 -628.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
<p>Surcharge Leg standard equipment</p> <p>(see page 622)</p> <p>Exchangeable without surcharge</p> 	<p>Surcharge Leg with Floor Anchoring</p> <p>(see page 625)</p> 	<p>Surcharge Leg height-adjustable</p> <p>(see page 624)</p> 		
2-160857.XX ●	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD		

Special equipment for welding table Professional Extreme					
 <p>Example for Diagonal grid M12</p>	Table side panel		Surface		
		<p>Surcharge for table sides double hardened</p> <p>(see page 578)</p> 	<p>Surcharge Diagonal Grid for table sides</p> <p>(see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread</p> <p>(see page 82)</p> 	
Professional Extreme	2-166730.X 1,774.00 USD	2-166630.X 702.00 USD	M8 2-166130.X 2,104.00 USD	M12 2-166230.X 2,104.00 USD	M16 2-166330.X 2,104.00 USD

Professional Extreme 8.7 3000x1500x100 mm

Description:

Professional Extreme Table, 3000x1500x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

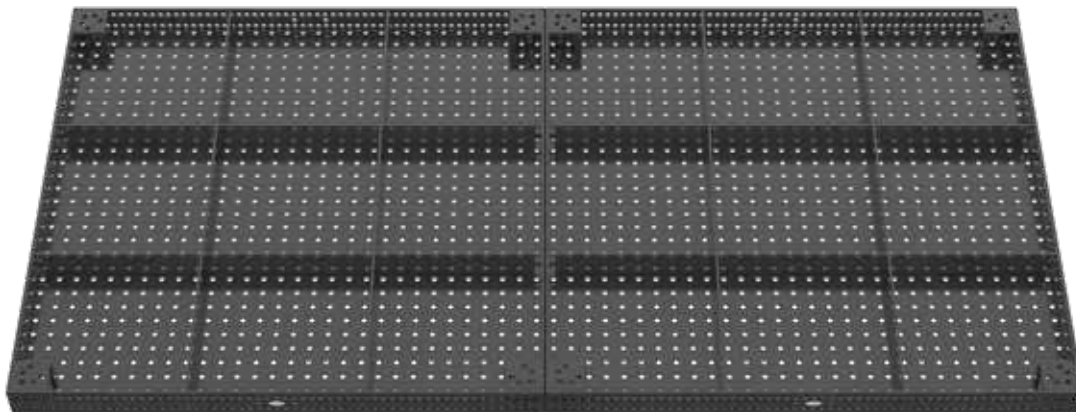
The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.



Weight: approx. 795 kg
Weight = Table + Pallet + Leg standard equipment

Consisting of 2 tables 1,5 x 1,5 m incl. 6 connecting bolts.



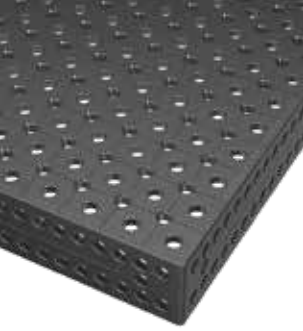
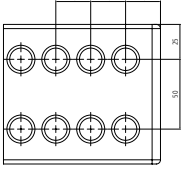
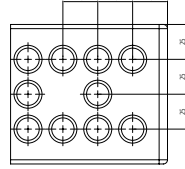
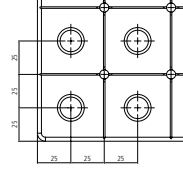
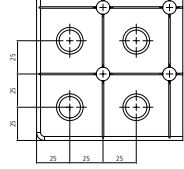
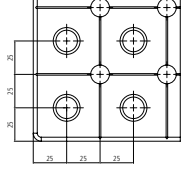


Professional Extreme 8.7 3000x1500x100 mm

3000x1500x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160050.X7.2.T1 9,656.00 USD ●	2-165150.2 -860.00 USD ○
with Leg standard equipment 750 Table height 850	2-160050.X7.2 10,392.00 USD ●	2-165150.2 -860.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
<p>Surcharge Leg standard equipment (see page 622)</p> <p>Exchangeable without surcharge</p> 	<p>Surcharge Leg with Floor Anchoring (see page 625)</p> 	<p>Surcharge Leg height-adjustable (see page 624)</p> 		
2-160857.XX ●	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD		

 <p>Example for Diagonal grid M16</p>	Table side panel		Surface		
	<p>Surcharge for table sides double hardened (see page 578)</p> 	<p>Surcharge Diagonal Grid for table sides (see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)</p>  <p>M8</p>	 <p>M12</p>	 <p>M16</p>
Professional Extreme	2-166750.X.2 2,740.00 USD	2-166650.X.2 1,128.00 USD	2-166150.X.2 3,216.00 USD	2-166250.X.2 3,384.00 USD	2-166350.X.2 3,384.00 USD

Professional Extreme 8.7 4000x2000x100 mm



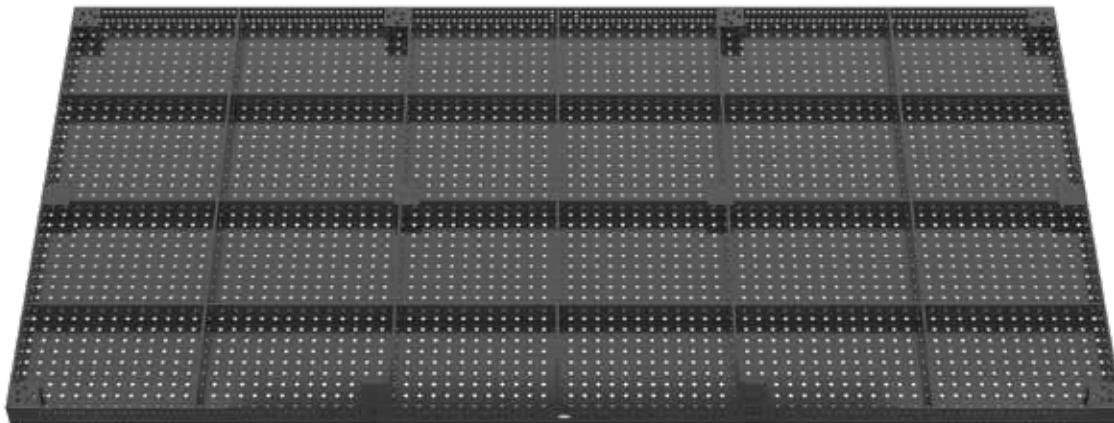
Description:

Professional Extreme Table, 4000x2000x100 mm, horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes 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 through-hardened tool steel. The four side faces are still constructed from our standard, high quality S355J2+N Steel 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.

The welding tables are equipped with scaling as standard.

Please find different table leg options starting page 620.

Weight: approx. 1.297 kg
Weight = Table + Pallet + Leg standard equipment



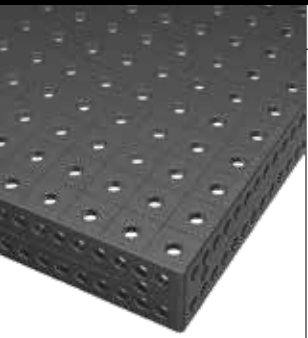
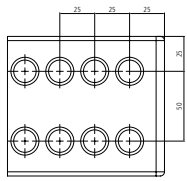
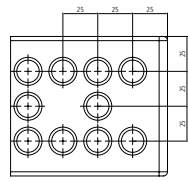
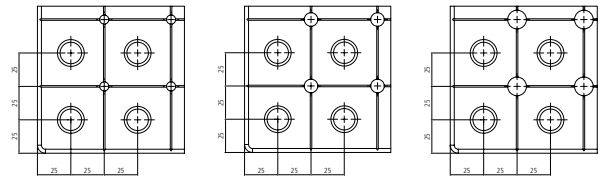


Professional Extreme 8.7
4000x2000x100 mm

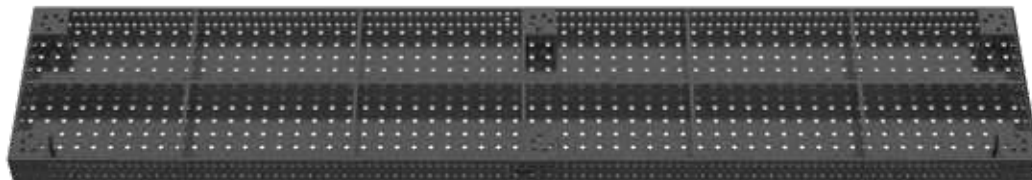
4000x2000x100 - Plasma nitrided	Professional Extreme 8.7 - 50 mm Grid	Without plasma nitriding reduced price
without legs	2-160055.X7.T1 13,876.00 USD ●	2-165155 -1,504.00 USD ○
with Leg standard equipment 750 Table height 850	2-160055.X7 14,612.00 USD ●	2-165155 -1,504.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg variants for welding table Professional Extreme				
<p>Surcharge Leg standard equipment (see page 622)</p> <p>Exchangeable without surcharge</p> 	<p>Surcharge Leg with Floor Anchoring (see page 625)</p> 	<p>Surcharge Leg height-adjustable (see page 624)</p> 		
2-160857.XX ●	2-160875.XX 104.00 USD	2-160877.XX 92.00 USD		

Special equipment for welding table Professional Extreme					
 Example for 50 mm Grid	Table side panel		Surface		
		<p>Surcharge for table sides double hardened (see page 578)</p> 	<p>Surcharge Diagonal Grid for table sides (see page 82)</p> 	<p>Surcharge Diagonal Grid M8 / M12 / M16 thread (see page 82)</p> 	
Professional Extreme	2-166755.X ●	2-166655.X 1,512.00 USD	M8 2-166155.X 4,536.00 USD	M12 2-166255.X 4,536.00 USD	M16 2-166355.X 4,536.00 USD

Professional Extreme 8.7 - Special Sizes



Description:

For a selection of available measurements (max. 2000x3800 mm), see attached chart.

Additional sizes and special materials upon request. Prices based on quantity of tables ordered.

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 620.

Special equipment for welding tables available by request.



Professional Extreme 8.7 - Special Sizes

Dimensions	Professional Extreme 8.7
600 x 600	6,270.00 USD 2-960606.X7
600 x 800	6,673.00 USD 2-960608.X7
600 x 1000	7,078.00 USD 2-960610.X7
600 x 1200	7,481.00 USD 2-960612.X7
600 x 1400	7,884.00 USD 2-960614.X7
600 x 1600	8,289.00 USD 2-960616.X7
600 x 1800	8,692.00 USD 2-960618.X7
600 x 2000	9,096.00 USD 2-960620.X7
600 x 2200	9,500.00 USD 2-960622.X7
600 x 2400	9,903.00 USD 2-960624.X7
600 x 2600	10,307.00 USD 2-960626.X7
600 x 2800	10,711.00 USD 2-960628.X7
600 x 3000	11,115.00 USD 2-960630.X7
600 x 3200	11,518.00 USD 2-960632.X7
600 x 3400	11,923.00 USD 2-960634.X7
600 x 3600	12,326.00 USD 2-960636.X7
600 x 3800	12,729.00 USD 2-960638.X7
600 x 4000	13,134.00 USD 2-960640.X7
800 x 800	7,154.00 USD 2-960808.X7
800 x 1000	7,634.00 USD 2-960810.X7
800 x 1400	8,596.00 USD 2-960814.X7
800 x 1600	9,076.00 USD 2-960816.X7
800 x 1800	9,556.00 USD 2-960818.X7
800 x 2000	10,038.00 USD 2-960820.X7
800 x 2200	10,518.00 USD 2-960822.X7
800 x 2400	10,998.00 USD 2-960824.X7
800 x 2600	11,479.00 USD 2-960826.X7
800 x 2800	11,959.00 USD 2-960828.X7

Dimensions	Professional Extreme 8.7
800 x 3000	12,440.00 USD 2-960830.X7
800 x 3200	12,921.00 USD 2-960832.X7
800 x 3400	13,401.00 USD 2-960834.X7
800 x 3600	13,882.00 USD 2-960836.X7
800 x 3800	14,362.00 USD 2-960838.X7
800 x 4000	14,843.00 USD 2-960840.X7
1000 x 1200	8,749.00 USD 2-961012.X7
1000 x 1400	9,306.00 USD 2-961014.X7
1000 x 1600	9,863.00 USD 2-961016.X7
1000 x 1800	10,421.00 USD 2-961018.X7
1000 x 2200	11,536.00 USD 2-961022.X7
1000 x 2400	12,093.00 USD 2-961024.X7
1000 x 2600	12,650.00 USD 2-961026.X7
1000 x 2800	13,208.00 USD 2-961028.X7
1000 x 3000	13,765.00 USD 2-961030.X7
1000 x 3200	14,322.00 USD 2-961032.X7
1000 x 3400	14,880.00 USD 2-961034.X7
1000 x 3600	15,437.00 USD 2-961036.X7
1000 x 3800	15,995.00 USD 2-961038.X7
1000 x 4000	16,552.00 USD 2-961040.X7
1200 x 1400	10,017.00 USD 2-961214.X7
1200 x 1600	10,652.00 USD 2-961216.X7
1200 x 1800	11,286.00 USD 2-961218.X7
1200 x 2200	12,554.00 USD 2-961222.X7
1200 x 2600	13,823.00 USD 2-961226.X7
1200 x 2800	14,456.00 USD 2-961228.X7
1200 x 3000	15,091.00 USD 2-961230.X7
1200 x 3200	15,725.00 USD 2-961232.X7

Dimensions	Professional Extreme 8.7
1200 x 3400	16,359.00 USD 2-961234.X7
1200 x 3600	16,994.00 USD 2-961236.X7
1200 x 3800	17,627.00 USD 2-961238.X7
1200 x 4000	18,262.00 USD 2-961240.X7
1400 x 1400	10,729.00 USD 2-961414.X7
1400 x 1600	11,439.00 USD 2-961416.X7
1400 x 1800	12,151.00 USD 2-961418.X7
1400 x 2000	12,861.00 USD 2-961420.X7
1400 x 2200	13,573.00 USD 2-961422.X7
1400 x 2400	14,283.00 USD 2-961424.X7
1400 x 2600	14,994.00 USD 2-961426.X7
1400 x 2800	15,706.00 USD 2-961428.X7
1400 x 3000	16,416.00 USD 2-961430.X7
1400 x 3200	17,128.00 USD 2-961432.X7
1400 x 3400	17,838.00 USD 2-961434.X7
1400 x 3600	18,550.00 USD 2-961436.X7
1400 x 3800	19,260.00 USD 2-961438.X7
1400 x 4000	19,971.00 USD 2-961440.X7
1600 x 1600	12,227.00 USD 2-961616.X7
1600 x 1800	13,015.00 USD 2-961618.X7
1600 x 2000	13,803.00 USD 2-961620.X7
1600 x 2200	14,590.00 USD 2-961622.X7
1600 x 2400	15,379.00 USD 2-961624.X7
1600 x 2600	16,166.00 USD 2-961626.X7
1600 x 2800	16,953.00 USD 2-961628.X7
1600 x 3000	17,742.00 USD 2-961630.X7
1600 x 3200	18,529.00 USD 2-961632.X7
1600 x 3400	19,318.00 USD 2-961634.X7

Dimensions	Professional Extreme 8.7
1600 x 3600	20,105.00 USD 2-961636.X7
1600 x 3800	20,893.00 USD 2-961638.X7
1600 x 4000	21,681.00 USD 2-961640.X7
1800 x 1800	13,880.00 USD 2-961818.X7
1800 x 2000	14,744.00 USD 2-961820.X7
1800 x 2200	15,609.00 USD 2-961822.X7
1800 x 2400	16,473.00 USD 2-961824.X7
1800 x 2600	17,337.00 USD 2-961826.X7
1800 x 2800	18,203.00 USD 2-961828.X7
1800 x 3000	19,067.00 USD 2-961830.X7
1800 x 3200	19,932.00 USD 2-961832.X7
1800 x 3400	20,796.00 USD 2-961834.X7
1800 x 3600	21,661.00 USD 2-961836.X7
1800 x 3800	22,525.00 USD 2-961838.X7
1800 x 4000	23,390.00 USD 2-961840.X7
2000 x 2000	15,686.00 USD 2-962020.X7
2000 x 2200	16,627.00 USD 2-962022.X7
2000 x 2400	17,569.00 USD 2-962024.X7
2000 x 2600	18,510.00 USD 2-962026.X7
2000 x 2800	19,452.00 USD 2-962028.X7
2000 x 3000	20,393.00 USD 2-962030.X7
2000 x 3200	21,333.00 USD 2-962032.X7
2000 x 3400	22,275.00 USD 2-962034.X7
2000 x 3600	23,216.00 USD 2-962036.X7
2000 x 3800	24,158.00 USD 2-962038.X7

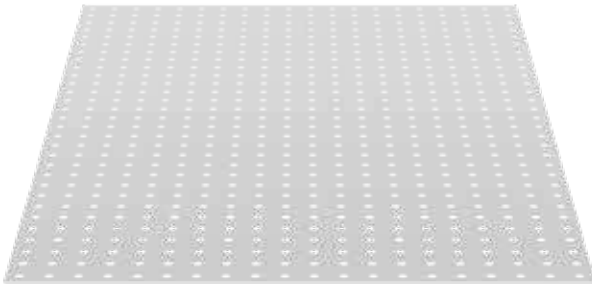
Perforated Aluminum Plate

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.

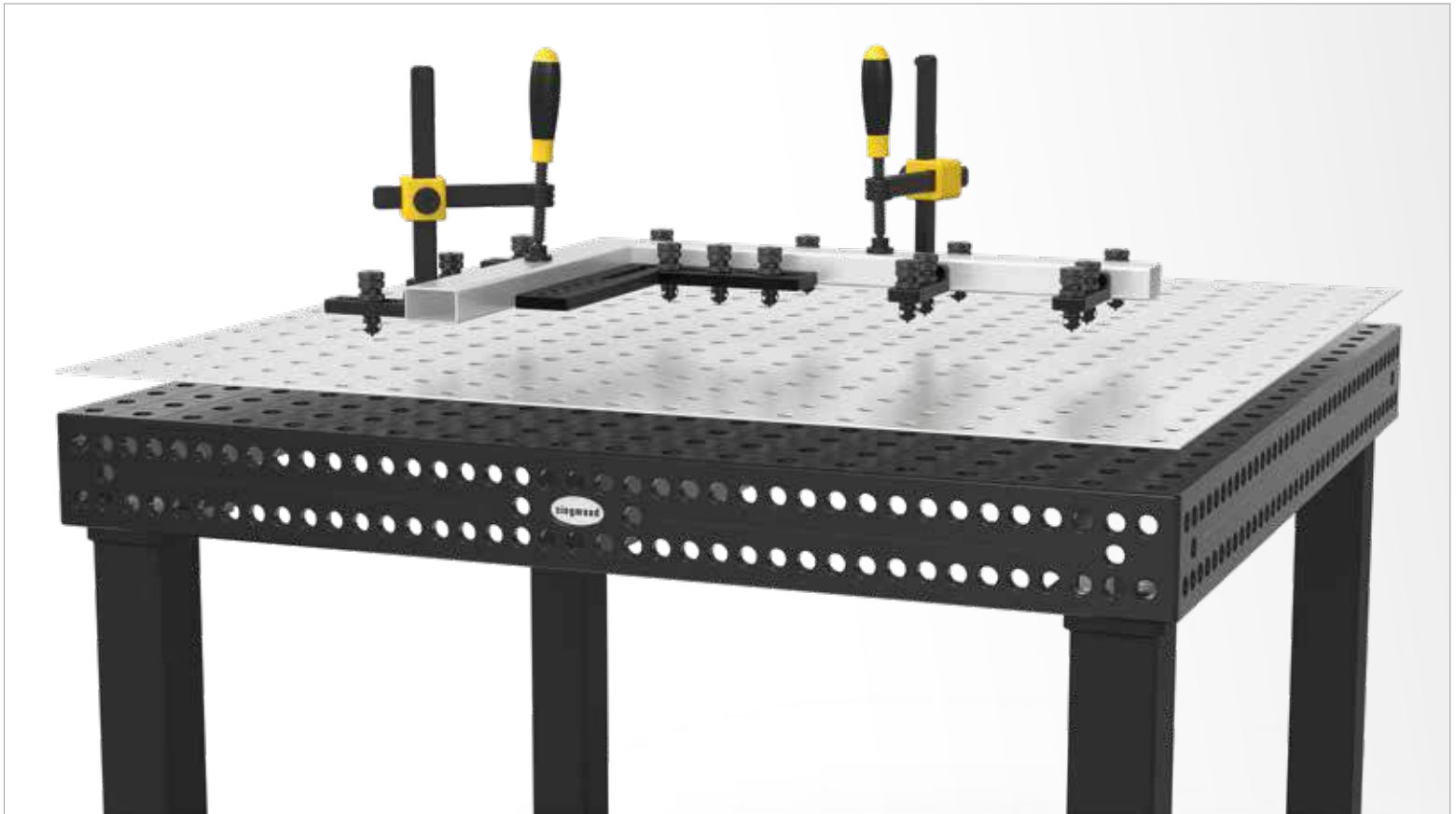
Aluminum perforated plates can only be used in combination with Universal Bolts (Item No. 160532 / 160533).

In order to avoid additional shipping costs, we recommend ordering the perforated aluminum plate together with the welding table.



160203

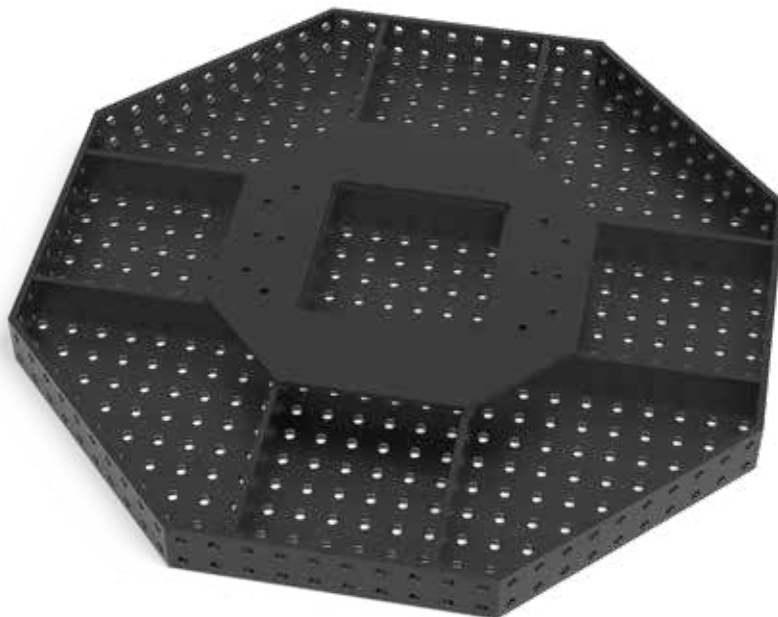
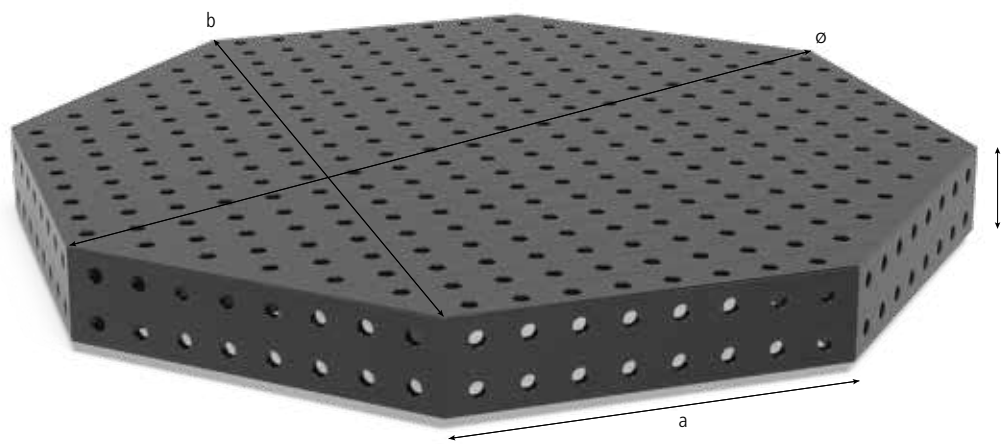




	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
Perforated Aluminum Plate for Table 160005	994 mm	494 mm	2 mm	2,50 kg	2-160207 206.00 USD ○
Perforated Aluminum Plate for Table 160010	994 mm	994 mm	2 mm	5,00 kg	2-160200 242.00 USD ●
Perforated Aluminum Plate for Table 160025	1194 mm	794 mm	2 mm	4,70 kg	2-160205 356.00 USD ●
Perforated Aluminum Plate for Table 160015	1194 mm	1194 mm	2 mm	7,10 kg	2-160202 364.00 USD ●
Perforated Aluminum Plate for Table 160035	1494 mm	994 mm	2 mm	7,20 kg	2-160203 372.00 USD ●
Perforated Aluminum Plate for Table 160050	1494 mm	1494 mm	2 mm	11,20 kg	2-160206 612.00 USD ●
Perforated Aluminum Plate for Table 160020	1994 mm	994 mm	2 mm	10,00 kg	2-160201 478.00 USD ●
Perforated Aluminum Plate for Table 160060 (2x 160208)				11,80 kg	2-160208.2 630.00 USD ●
Perforated Aluminum Plate for Table 160030 (2x 160202)				14,20 kg	2-160202.2 726.00 USD ●
Perforated Aluminum Plate for Table 160040 (3x 160203)				21,60 kg	2-160203.3 1,116.00 USD ●
Additional sizes upon request					○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 Steel.

Prices based on quantity.

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

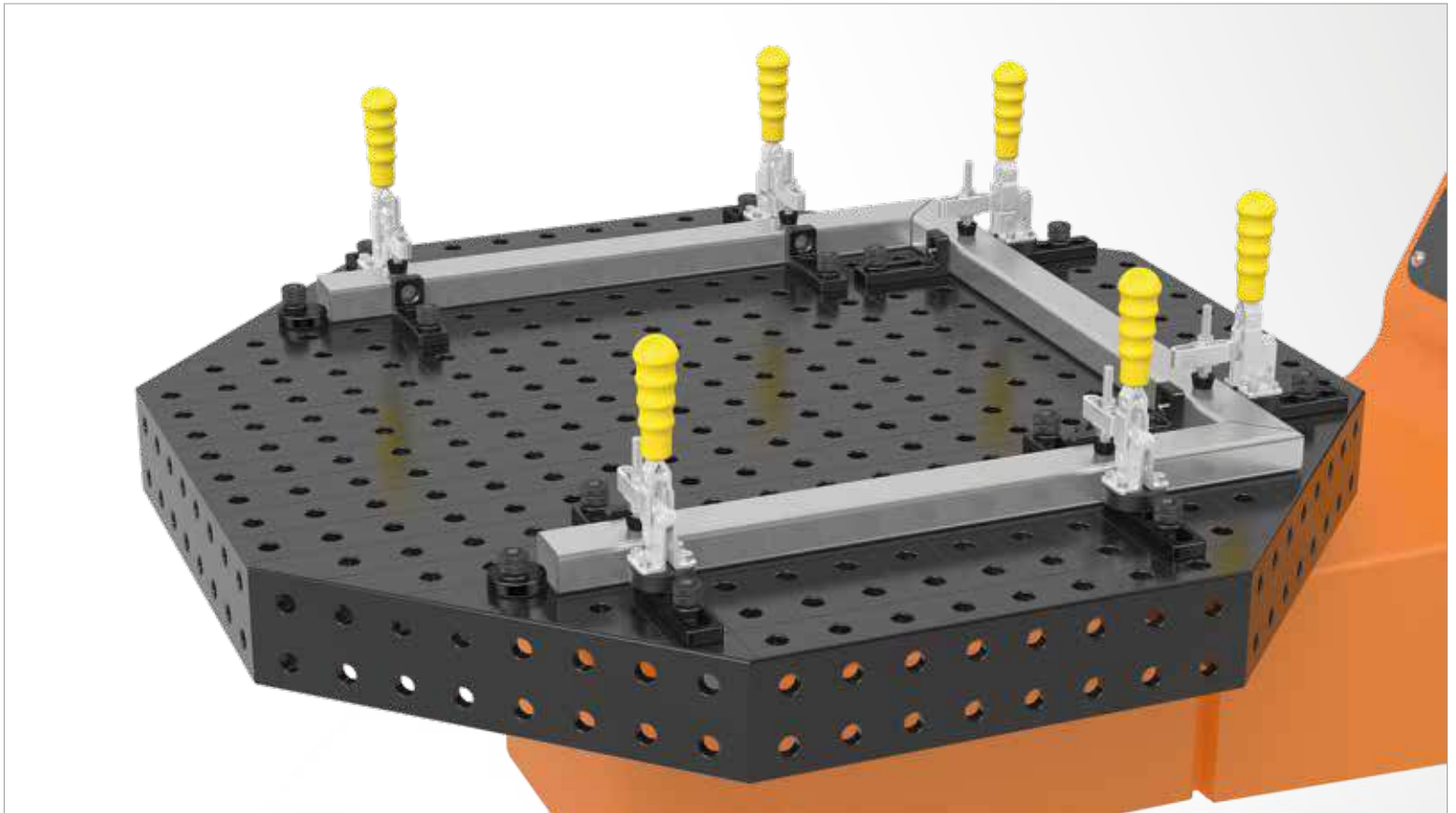
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

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.

Foot plates or adapter plates are not included as standard in the octagonal tables.



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table SW 600x100 Plasma nitrided without legs	249 mm	600 mm	100 mm	650 mm	12 mm	approx. 98 kg	2-920616.P 3,720.00 USD ○
Octagonal Table SW 800x100 Plasma nitrided without legs	331 mm	800 mm	100 mm	866 mm	12 mm	approx. 131 kg	2-920816.P 5,484.00 USD ○
Octagonal Table SW 1000x100 Plasma nitrided without legs	414 mm	1000 mm	100 mm	1082 mm	12 mm	approx. 170 kg	2-921016.P 6,560.00 USD ○
Octagonal Table SW 1200x100 Plasma nitrided without legs	497 mm	1200 mm	100 mm	1299 mm	12 mm	approx. 228 kg	2-921216.P 8,258.00 USD ○
Additional sizes upon request							○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prices without plasma nitration on request.

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 Steel.

Prices based on quantity.

Discount:

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

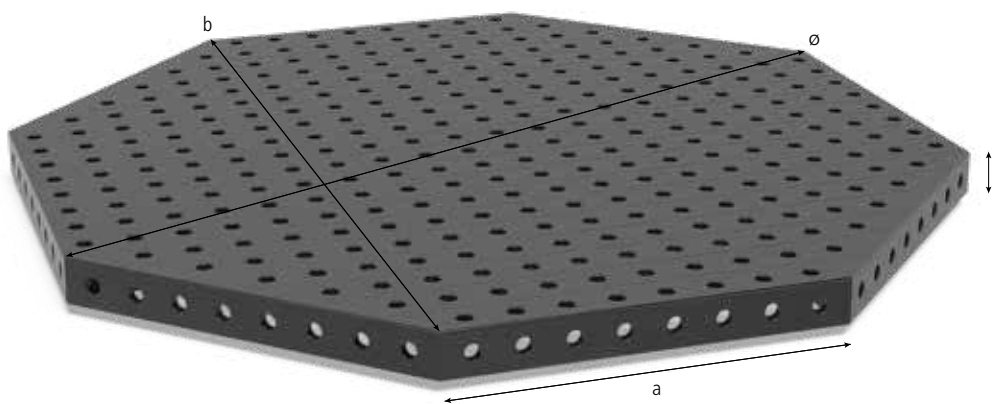
To connect the Octagonal Table with a positioner, an adapter plate is required. Upon request, the adapter plate with special connecting hole pattern can be custom-made against a surcharge.

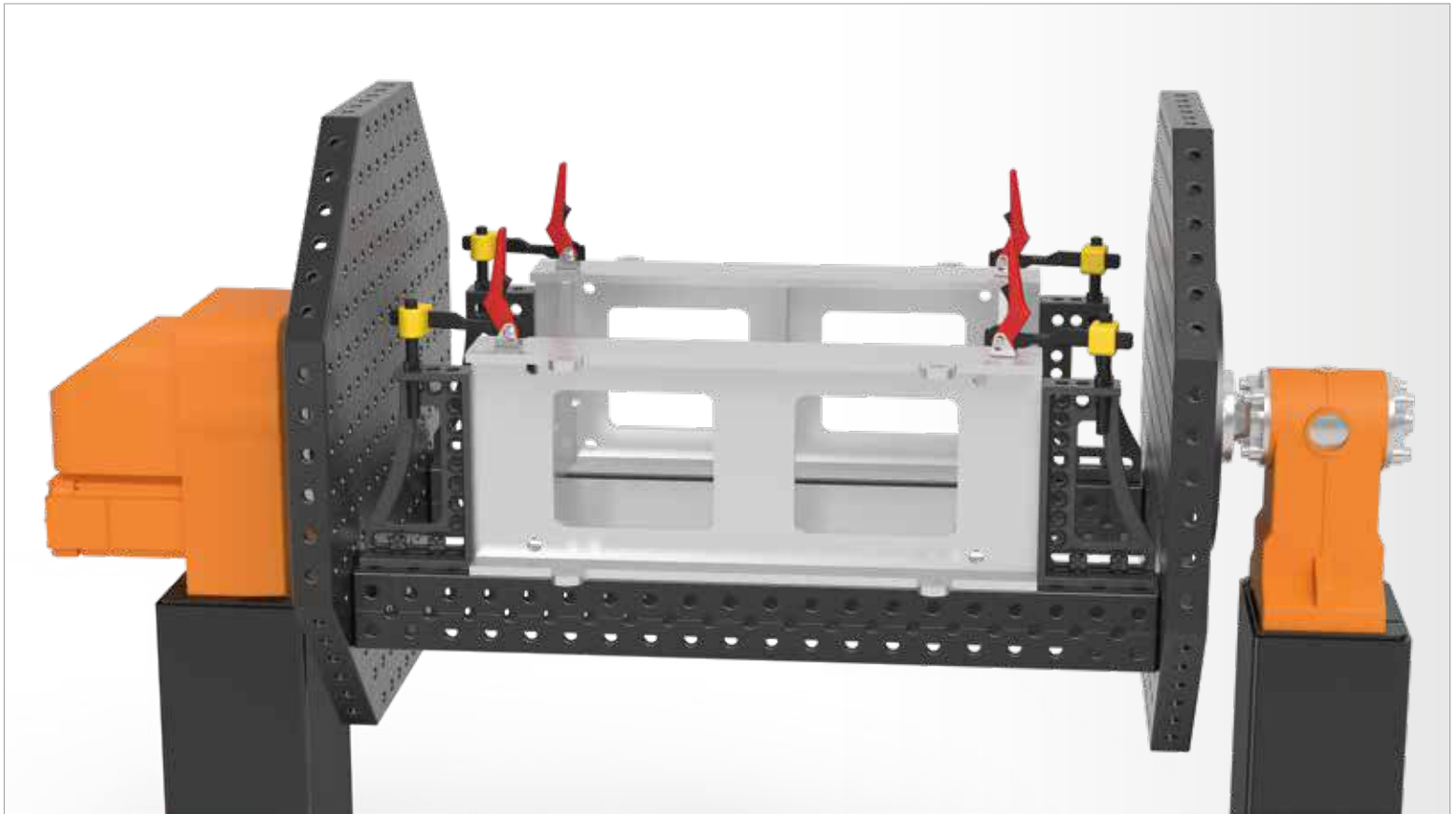
Due to customer specific adaptation the weight can vary.

Special equipment for welding tables available by request.

Please find pictures for every product size at www.siegmund.com.

Foot plates or adapter plates are not included as standard in the octagonal tables.





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Table SW 600x50 Plasma nitrided without legs	249 mm	600 mm	50 mm	650 mm	12 mm	approx. 77 kg	2-920616.1.P 3,348.00 USD ○
Octagonal Table SW 800x50 Plasma nitrided without legs	331 mm	800 mm	50 mm	866 mm	12 mm	approx. 103 kg	2-920816.1.P 4,936.00 USD ○
Octagonal Table SW 1000x50 Plasma nitrided without legs	414 mm	1000 mm	50 mm	1082 mm	12 mm	approx. 135 kg	2-921016.1.P 5,904.00 USD ○
Octagonal Table SW 1200x50 Plasma nitrided without legs	497 mm	1200 mm	50 mm	1299 mm	12 mm	approx. 186 kg	2-921216.1.P 7,432.00 USD ○
Additional sizes upon request							. ○
Surcharge for customizing Adapter Plate							0-940000 1,064.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prices without plasma nitration on request.

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. 160500) and bolts.

Material S355J2+N Steel.

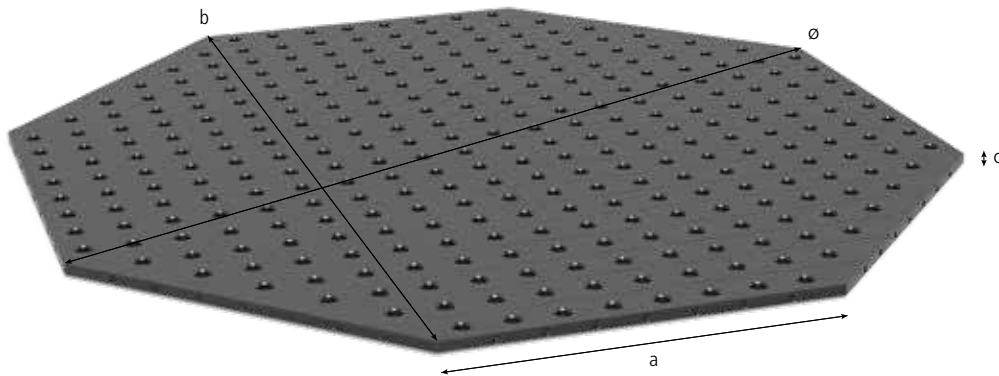
Prices based on quantity.

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.





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Plasma nitrided
Octagonal Plate SW 500x12 Plasma nitrided without legs	207 mm	500 mm	12 mm	541 mm	12 mm	approx. 54 kg	2-950500.P 2,180.00 USD ○
Octagonal Plate SW 600x12 Plasma nitrided without legs	249 mm	600 mm	12 mm	649 mm	12 mm	approx. 63 kg	2-950600.P 2,422.00 USD ○
Octagonal Plate SW 800x12 Plasma nitrided without legs	331 mm	800 mm	12 mm	866 mm	12 mm	approx. 84 kg	2-950800.P 3,570.00 USD ○
Octagonal Plate SW 1000x12 Plasma nitrided without legs	414 mm	1000 mm	12 mm	1082 mm	12 mm	approx. 111 kg	2-951000.P 4,270.00 USD ○
Octagonal Plate SW 1200x12 Plasma nitrided without legs	497 mm	1200 mm	12 mm	1299 mm	12 mm	approx. 157 kg	2-951200.P 5,376.00 USD ○
Additional sizes upon request							. ○
Surcharge for customer specific modification by hole pattern adaption.							0-940000.1 790.00 USD ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prices without plasma nitration on request.

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 m²

Further sizes upon request.

Material: S355J2+N Steel + plasma nitration

Prices based on quantity.

Discount:

starting from 2 pieces: 5 %

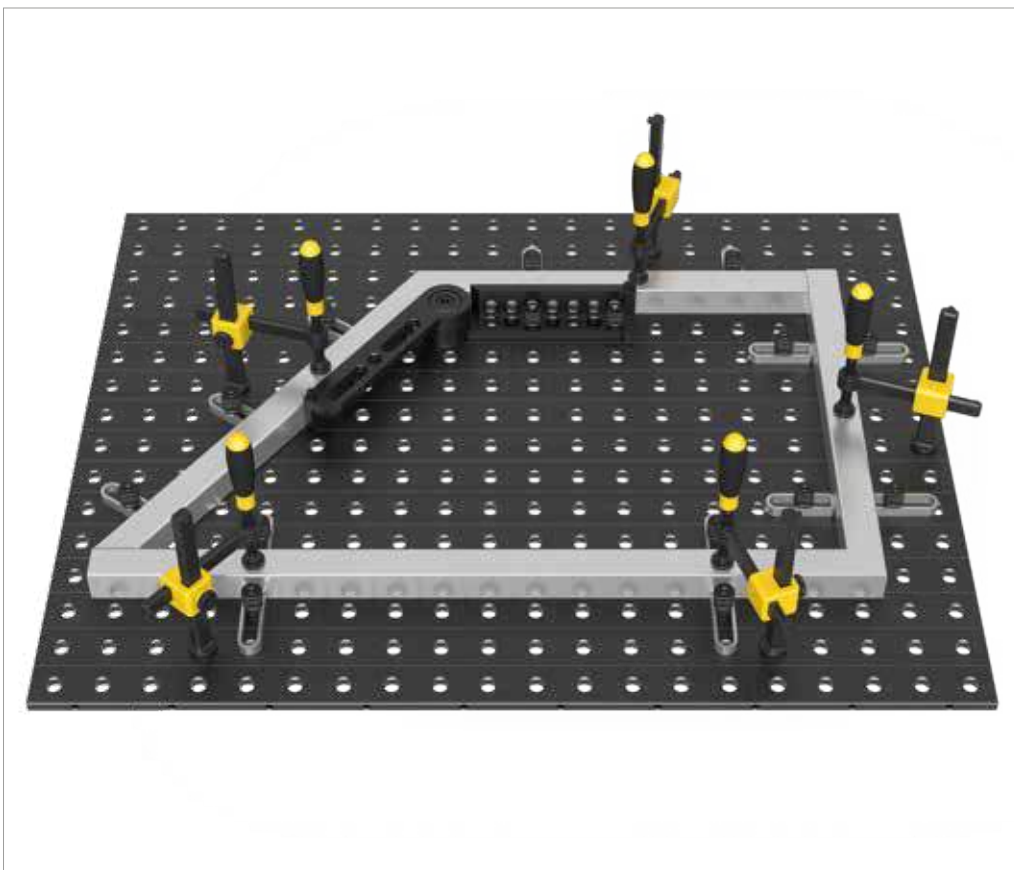
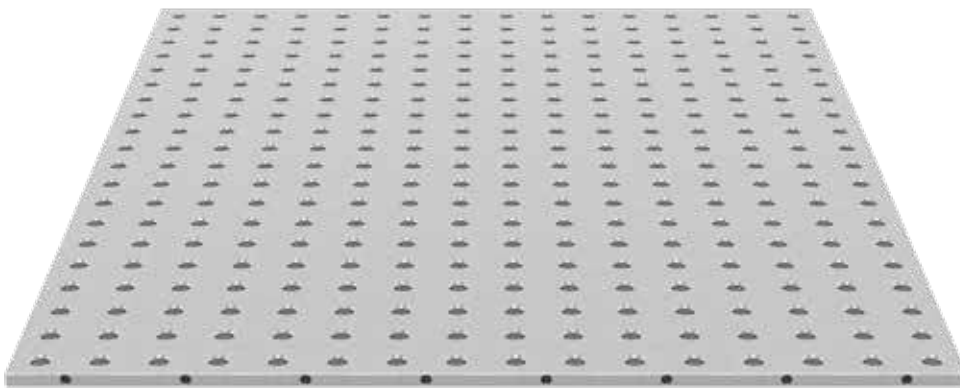
starting from 5 pieces: 10 %

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.





Clamping- and Replacement Plate, with bore holes - 50 mm

Dimensions	Plasma nitrided
600 x 800	2,416.00 USD 2-950608.P
600 x 1000	2,748.00 USD 2-950610.P
600 x 1200	3,080.00 USD 2-950612.P
800 x 800	2,858.00 USD 2-950808.P
800 x 1000	3,300.00 USD 2-950810.P
800 x 1200	3,742.00 USD 2-950812.P
800 x 1400	4,184.00 USD 2-950814.P
800 x 1600	4,625.00 USD 2-950816.P
1000 x 1000	3,853.00 USD 2-951010.P
1000 x 1200	4,405.00 USD 2-951012.P
1000 x 1400	4,957.00 USD 2-951014.P
1000 x 1600	5,509.00 USD 2-951016.P

Dimensions	Plasma nitrided
1200 x 1200	5,067.00 USD 2-951212.P
1200 x 1400	5,730.00 USD 2-951214.P
1200 x 1600	6,393.00 USD 2-951216.P
1400 x 1400	6,504.00 USD 2-951414.P
1400 x 1600	7,276.00 USD 2-951416.P
1500 x 1500	7,305.00 USD 2-951515.P

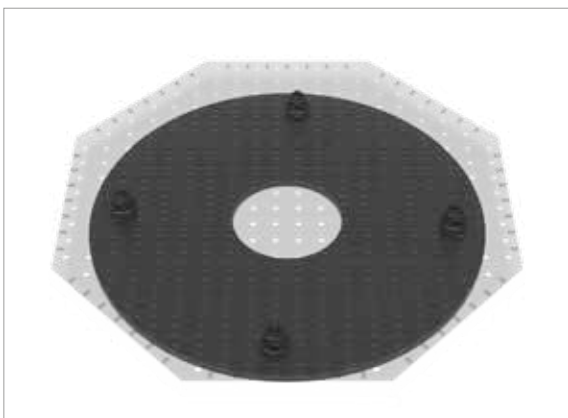
Support and Clamping Sleeve

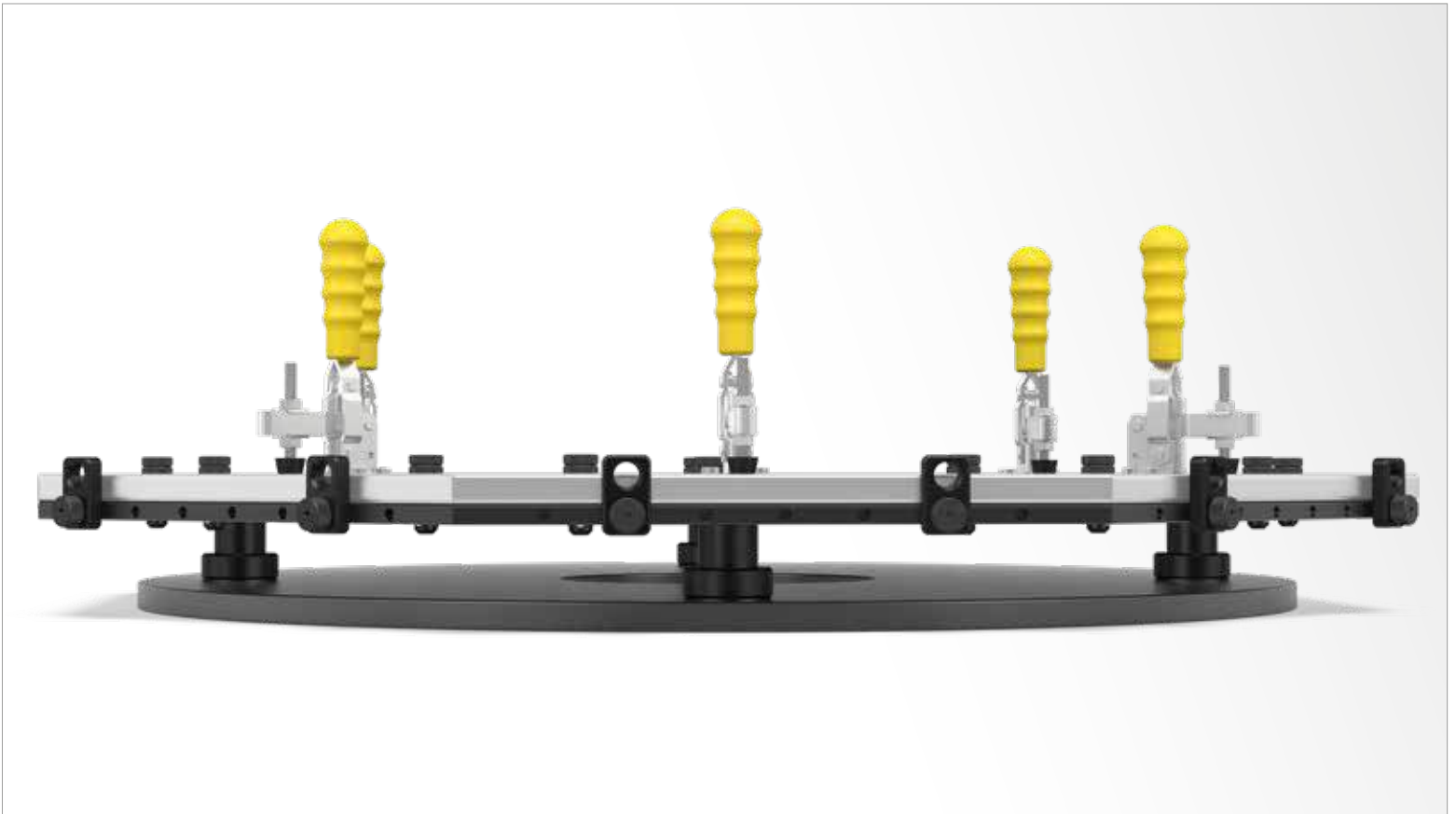
Description:

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.



160500





	Height: (c)	Ø: (o)	Weight:	Item No.
Support and Clamping Sleeve - burnished	50 mm	60 mm	0,60 kg	2-160500 38.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Module, Grid Plates

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.

Material S355J2+N Steel.

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.



160230

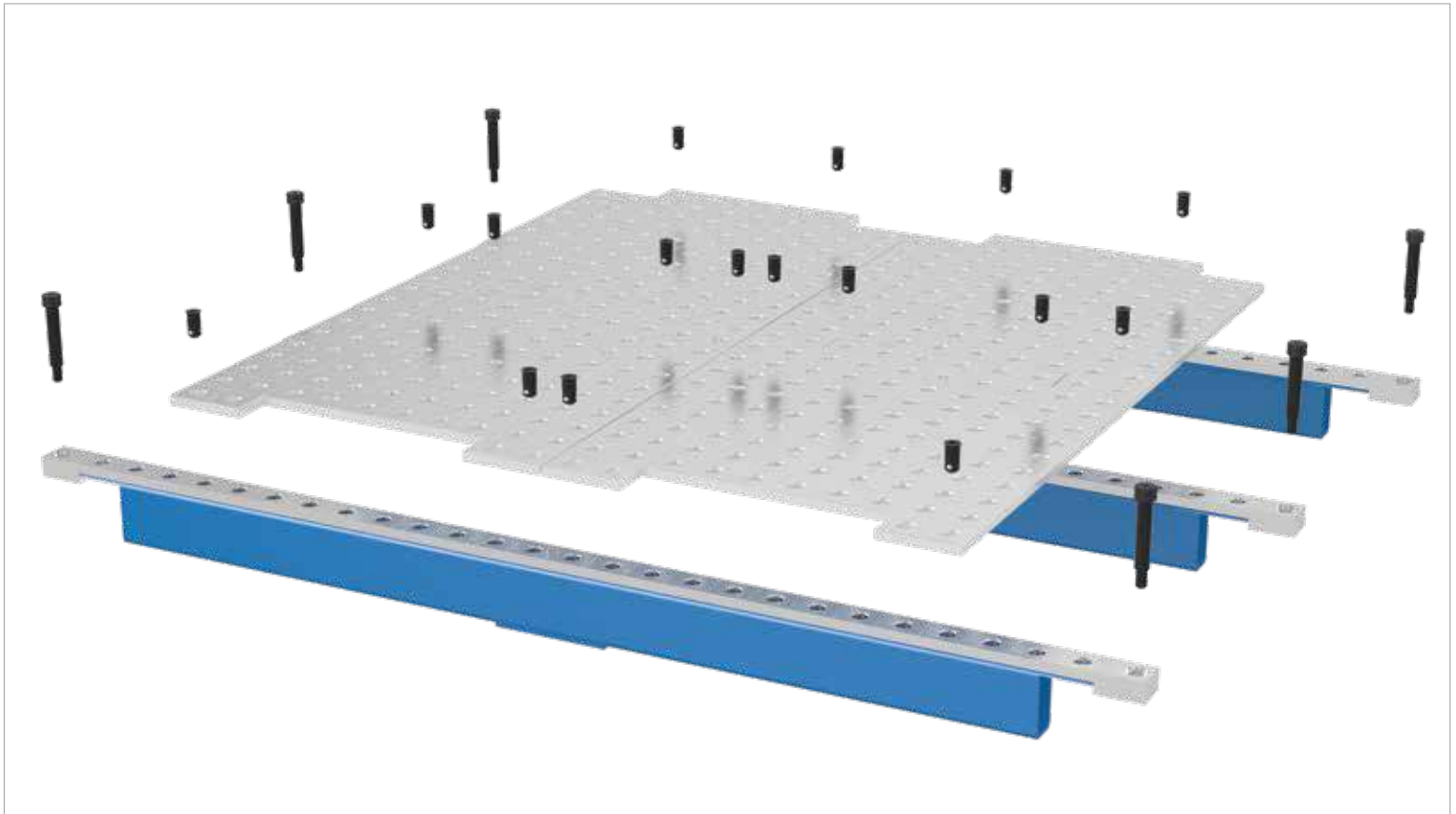
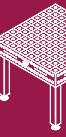


160231



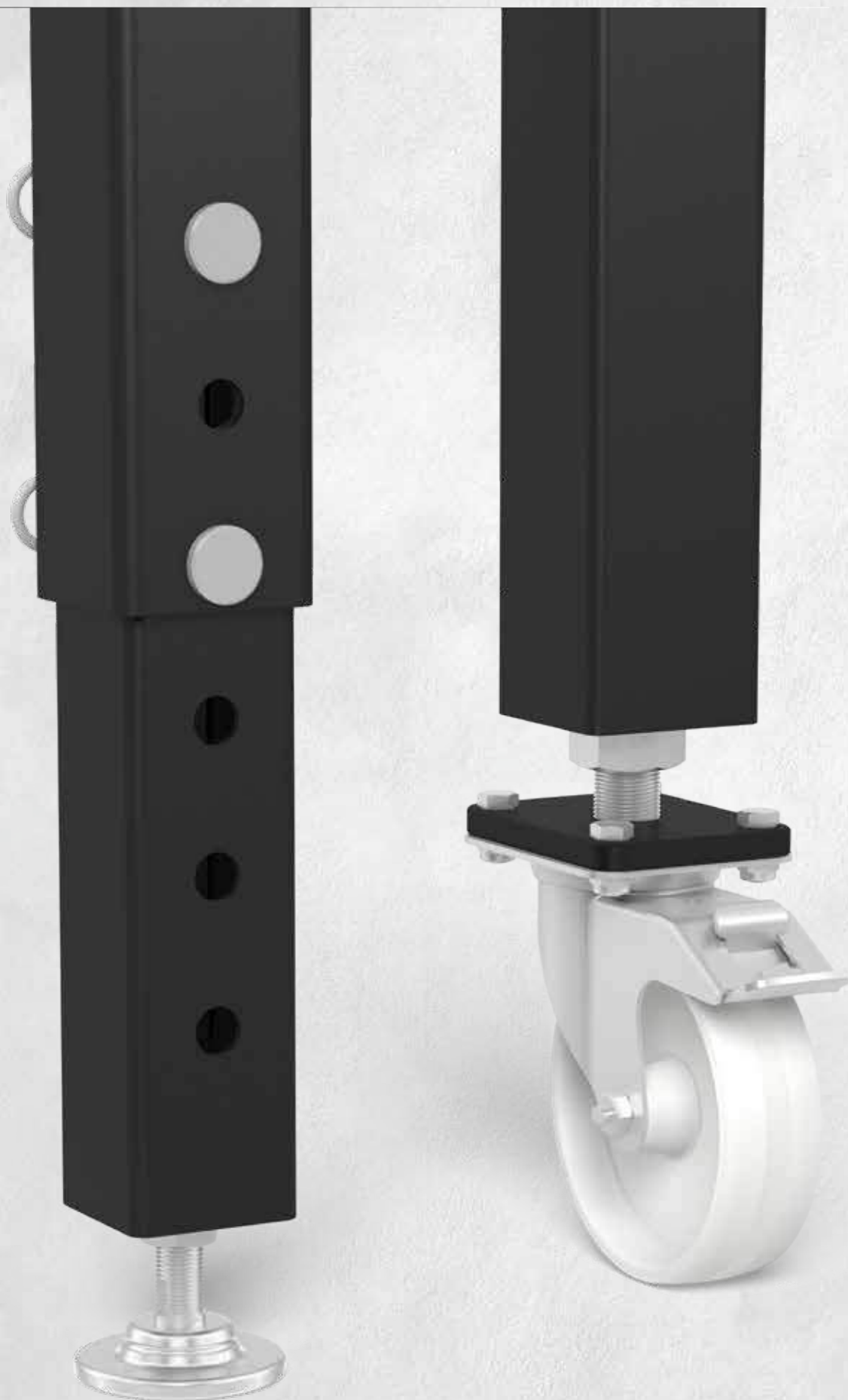
160231.1





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Module, Grid Plates - Polished	548 mm	498 mm	12 mm	21,20 kg	2-160230 524.00 USD ○
Base Support Rail with one row of bore holes	1366 mm			15,00 kg	2-160231 1,472.00 USD ○
Base Support Rail with one row of bore holes	1500 mm			16,00 kg	2-160232 1,278.00 USD ○
Base Support Rail with one row of bore holes	1682 mm			18,00 kg	2-160233 1,378.00 USD ○
Base Support Rail with one row of bore holes	2182 mm			24,00 kg	2-160234 1,578.00 USD ○
Base Support Rail with three rows of bore holes	1366 mm			25,20 kg	2-160231.1 1,548.00 USD ○
Base Support Rail with three rows of bore holes	1500 mm			27,00 kg	2-160232.1 2,632.00 USD ○
Base Support Rail with three rows of bore holes	1682 mm			30,00 kg	2-160233.1 3,264.00 USD ○
Base Support Rail with three rows of bore holes	2182 mm			41,00 kg	2-160234.1 2,084.00 USD ○
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 622
Leg standard equipment 750



Page 622
Leg standard equipment 850



Page 622
Leg standard equipment 815



Page 622
Sleeve for Table Leg



Page 624
Leg height-adjustable 550-950



Page 625
Leg with Floor Anchoring 750



Page 625
Leg with Floor Anchoring 850



Page 625
Leg with Floor Anchoring 815



Page 626
Leg with Caster and Locking Brake 750



Page 626
Leg with Caster and Locking Brake 815



Page 627
Leg height-adjustable with Caster and locking Brake 600-900



Page 628
Hydraulic Lift for System 16



Page 629
Connecting Frame for System 16

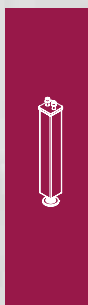


Table Legs

INSTALLATION TABLE LEGS:

Per table leg two hexagon screws 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 622

STYLES

750
850
Special Sizes



Bearing load:
1,000 kg
per leg



Bearing load:
1,000 kg
per leg

LEG HEIGHT-ADJUSTABLE

Page 624

STYLES

550-950
Special Sizes



Bearing load:
1,000 kg
per leg

LEG WITH FLOOR ANCHORING

Page 625

STYLES

750
Special Sizes



Bearing load:
1,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE

Page 626

STYLES

750
Special Sizes



Bearing load:
200 kg
per leg

LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

Page 627

STYLES

600-900
Special Sizes



Bearing load:
200 kg
per leg

Table legs not suitable for Basic tables.



CAPACITY PER TABLE LEG

Maximum allowable load per leg for all system 16 tables equals 200-1.000 kg, depending on leg type.

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

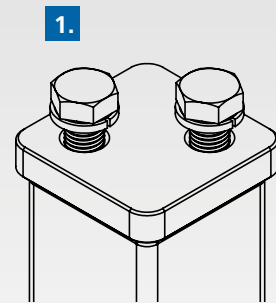
Please consult with manufacturer if higher overall loads are required.

FOR MAXIMUM SECURITY:



Allowable bearing load

Vertical force direction: 10 kN



1. HEXAGON SCREW

- with M16 thread
- with Spring ring

2. MATERIAL

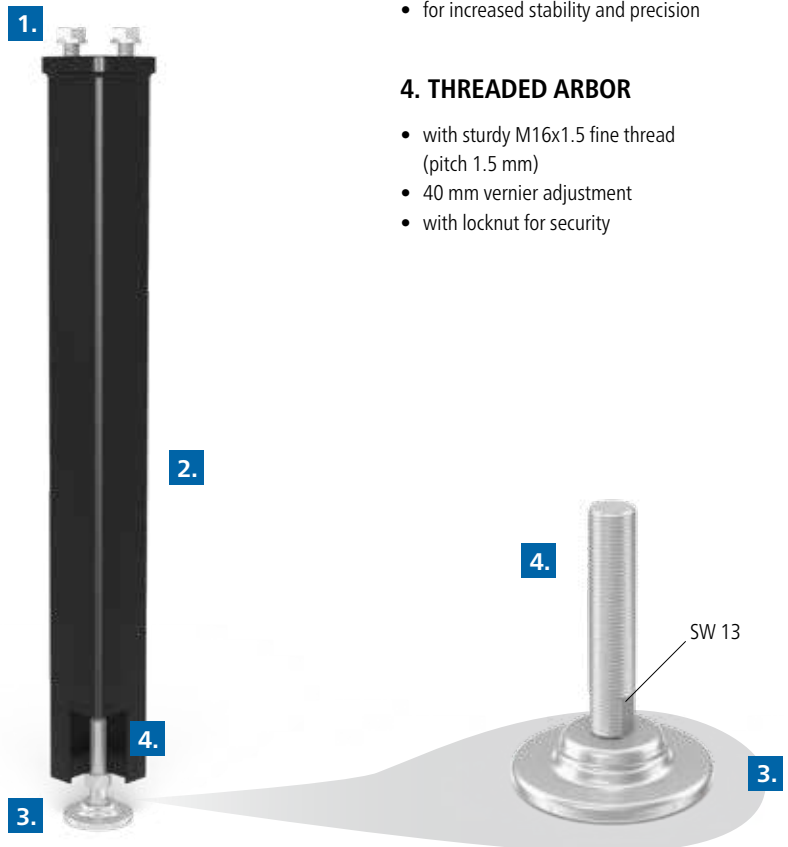
- stable square pipe 70x70 mm
- for increased stability
- powder coated

3. BASE PLATE

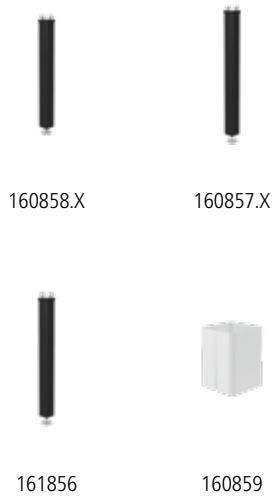
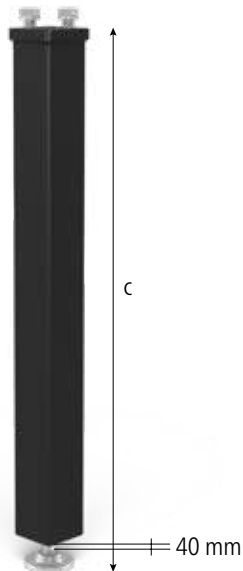
- Ø 70 mm
- for optimum pressure distribution
- made of twisted bulk material
- for increased stability and precision

4. 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.





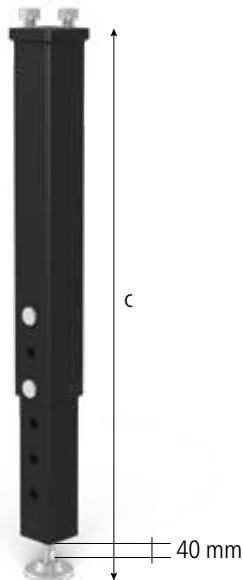
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg standard equipment 750 - 40 mm vernier adjustment	70 mm	70 mm	750 mm	6,10 kg	2-160858.X 92.00 USD ●
Leg standard equipment 850 - 40 mm vernier adjustment	70 mm	70 mm	850 mm	6,70 kg	2-160857.X 92.00 USD ●
Additional sizes upon request					○
Leg standard equipment 815 - 50 mm vernier adjustment - Standard - leg height for Basic Table	70 mm	70 mm	815 mm	6,50 kg	2-161856 92.00 USD ●
Sleeve for Table Leg - for Leg Standard / Floor anchoring System 16 - for Leg height-adjustable System 22	75 mm	75 mm	100 mm	0,35 kg	2-160859 18.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg height-adjustable

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.



160877.X

160859.1



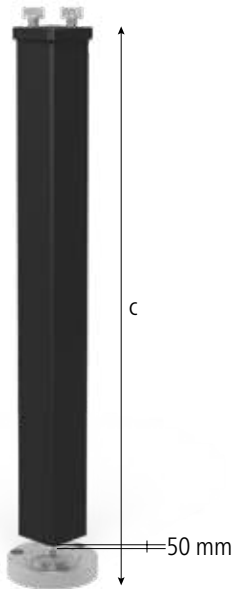
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg height-adjustable 550-950 - 40 mm vernier adjustment - Table height 650-1050 mm adjustable	70 mm	70 mm	550-950 mm	7,00 kg	2-160877.X 184.00 USD ●
Additional sizes upon request					○
Sleeve for Table Leg - for Leg height-adjustable	65 mm	65 mm	100 mm	0,28 kg	2-160859.1 22.00 USD ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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).



160875.X



160868



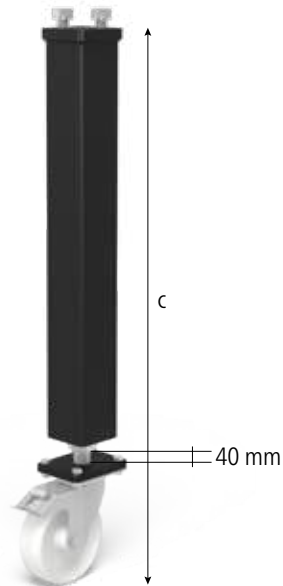
	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Leg with Floor Anchoring 750 - 50 mm vernier adjustment - Additional sizes upon request	70 mm	70 mm	750 mm		8,30 kg	2-160875.X 196.00 USD ●
Leg with Floor Anchoring 850 - 50 mm vernier adjustment - Additional sizes upon request	70 mm	70 mm	850 mm		9,30 kg	2-160873.X 196.00 USD ○
Leg with Floor Anchoring 815 - 50 mm vernier adjustment - Standard - leg height for Basic Table - Additional sizes upon request	70 mm	70 mm	815 mm		9,10 kg	2-160874.X 196.00 USD ○
Plate for Floor Anchoring - Interchangeable with base plate for leg standard equipment and leg height adjustable.			130 mm	120 mm	2,50 kg	2-160868 ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Leg with Caster and Locking Brake

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



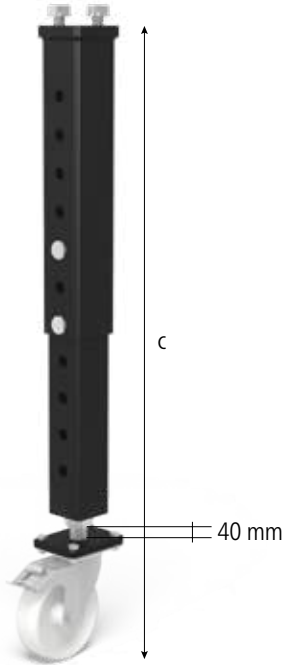
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Leg with Caster and Locking Brake 750 - 40 mm vernier adjustment	70 mm	70 mm	750 mm	7,00 kg	2-160876.X 194.00 USD ●
Leg with Caster and Locking Brake 815 - 50 mm vernier adjustment - Standard - leg height for Basic Table	70 mm	70 mm	815 mm	7,50 kg	2-161855 194.00 USD ●
Additional sizes upon request					○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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



Leg height-adjustable with Caster and locking Brake 600-900
 - 40 mm vernier adjustment
 - Table height 700-1000 mm adjustable

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
70 mm	70 mm	600-900 mm	8,00 kg	2-160879.X 242.00 USD ●

Additional sizes upon request

○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Hydraulic Lift for System 16

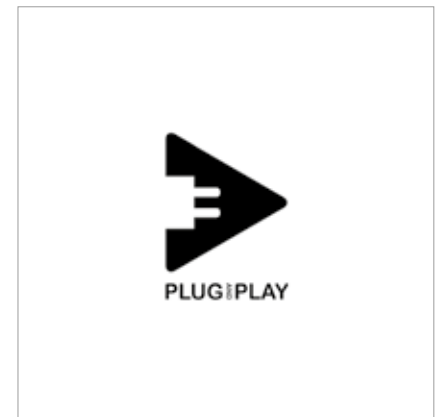


Description:

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.

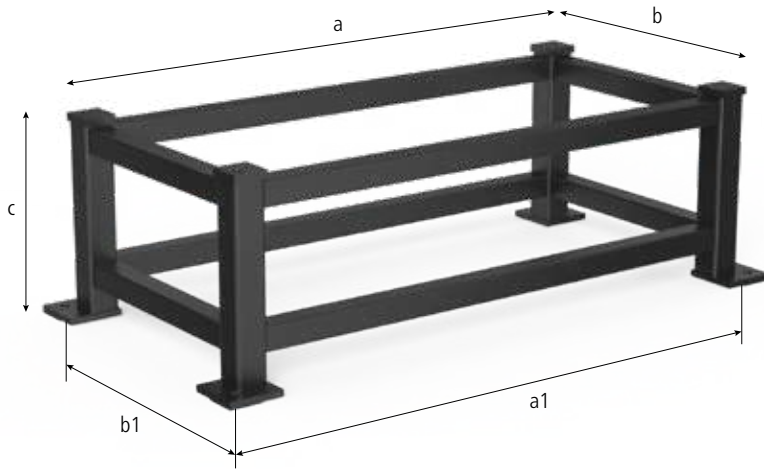
○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.



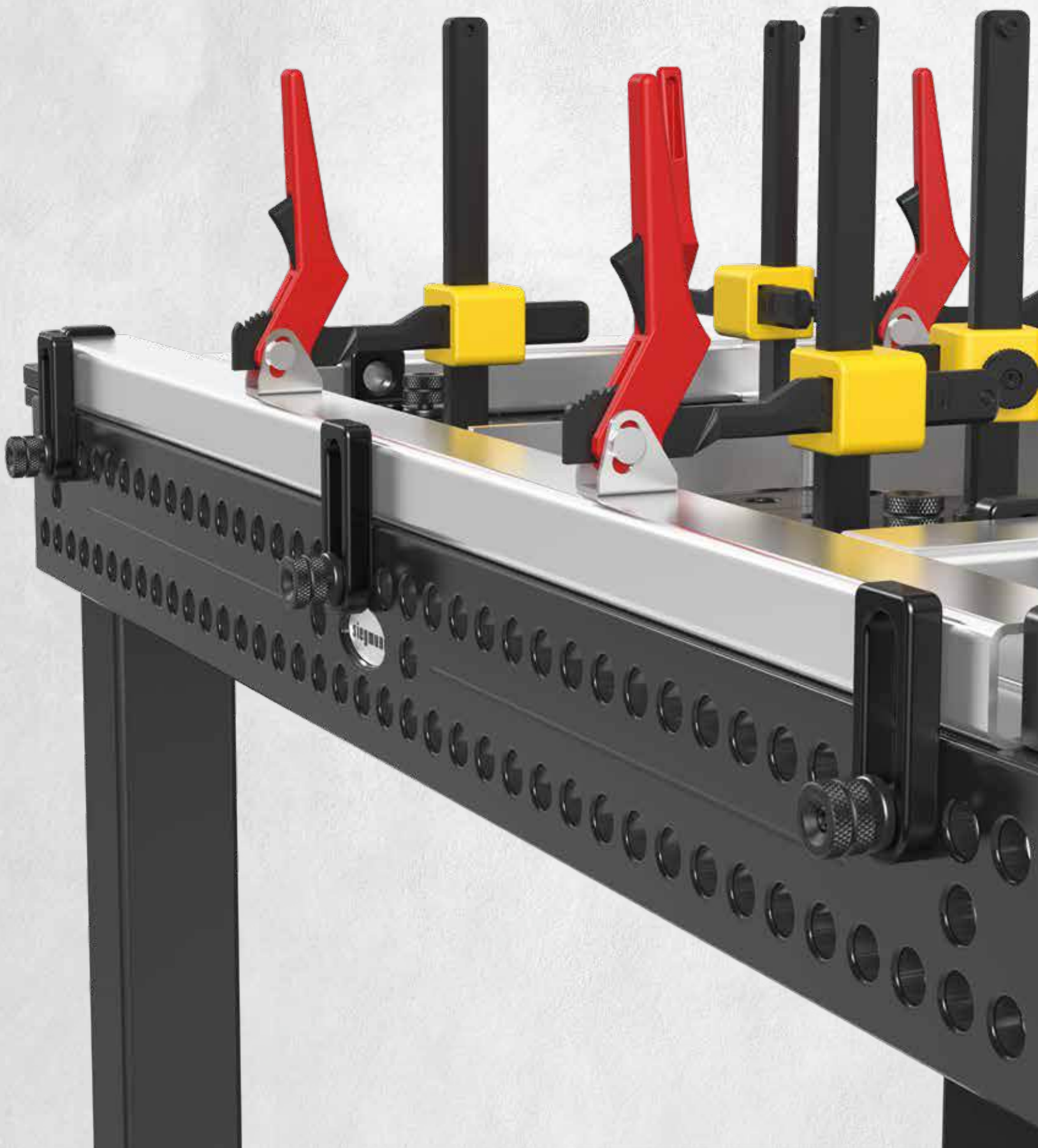
Item No.

Connecting Frame for System 16

- Prices and sizes correspond with System 28. They are adapted to System 16, accordingly.

○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





Page 632
Eccentric Stop Ø 45



Page 632
**Eccentric Stop Ø 75
with M10 thread**



Page 632
Eccentric Stop Ø 75



Page 633
Flex Stop 12x83 Aluminum



Page 634
Flex Stop 12x78 Steel



Page 634
Flex Stop 24x78 Steel



Page 635
Flex Stop 12x97 Steel



Page 635
Flex Stop 24x97 Steel



Page 636
Universal Stop 50 L



Page 637
Universal Stop 80 L



Page 638
Universal Stop 80 L



Page 639
Universal Stop 115 L



Page 639
Universal Stop 115 L



Page 639
Universal Stop 115 L Aluminum



Page 640
Universal Stop 150 L



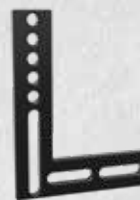
Page 641
Universal Stop / Clamping Bridge



Page 642
Universal Stop 300 M



Page 642
Universal Stop 500 M



Page 644
Flat Square 250



Page 645
Angle Alignment Template



Eccentric Stop

Description:

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



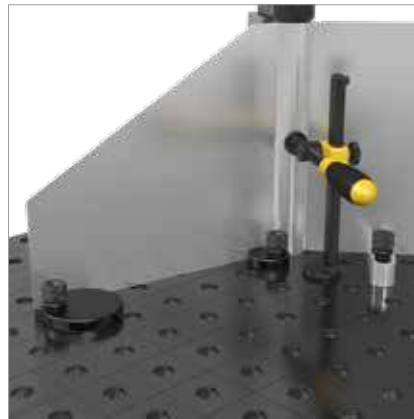
160401.N



160402.N



160403.N



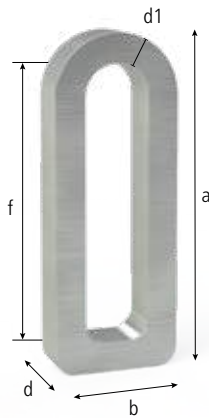
		Ø: (o)	MS: (d)	Weight:	Item No.
Eccentric Stop Ø 45 - nitrided - in situations with limited space		45 mm	12 mm	0,13 kg	2-160401.N 26.00 USD ●
Eccentric Stop Ø 75 with M10 thread - nitrided - for ground connection		75 mm	12 mm	0,38 kg	2-160402.N 34.00 USD ●
Eccentric Stop Ø 75 - nitrided - also serves as support surface		75 mm	12 mm	0,39 kg	2-160403.N 32.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

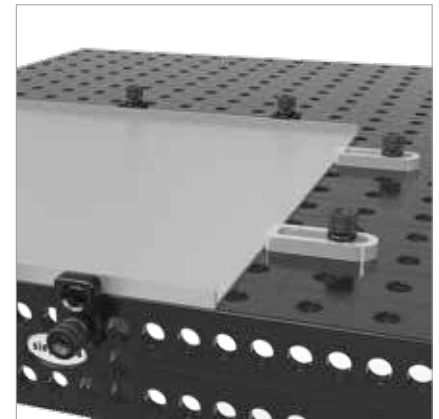
Flex Stop 83 Aluminum

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



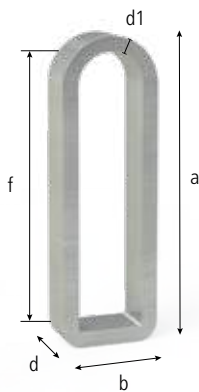
	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 12x83 - Aluminum	ALU 83 mm	31 mm	12 mm	8 mm	50 mm	0,05 kg	2-160412 28.00 USD

MS=Material thickness; WS=Wall thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Flex Stop 78 Steel

Description:

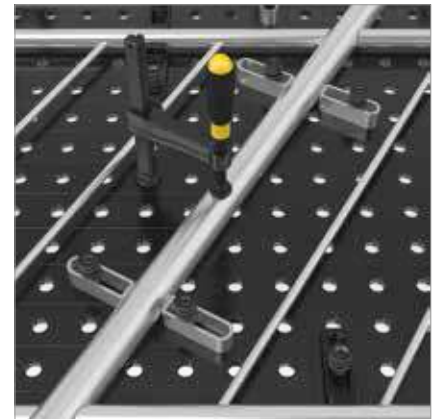
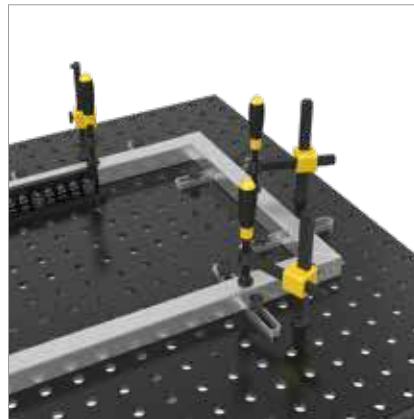
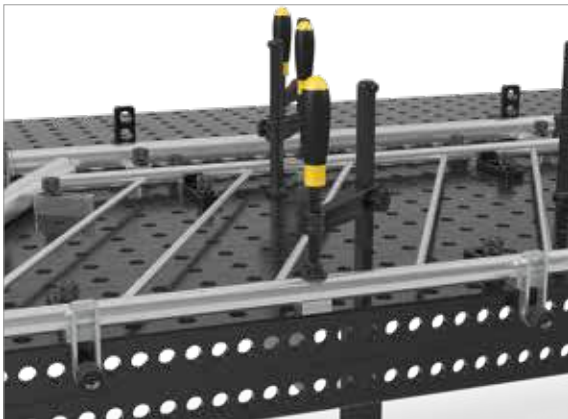
Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.



160415



160416



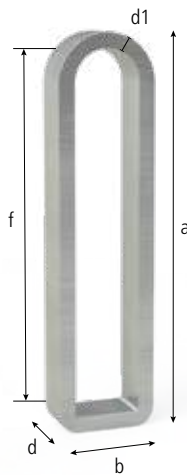
	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 12x78 - Galvanized	78 mm	28 mm	12 mm	6 mm	50 mm	0,07 kg	2-160415 ● 26.00 USD
Flex Stop 24x78 - Clamping Bolt long required - Galvanized	78 mm	28 mm	24 mm	6 mm	50 mm	0,13 kg	2-160416 ● 36.00 USD

MS=Material thickness; WS=Wall thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Flex Stop 97 Steel

Description:

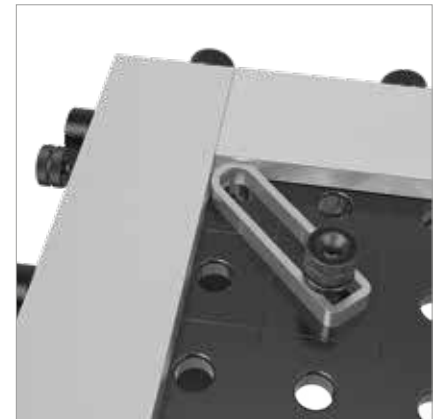
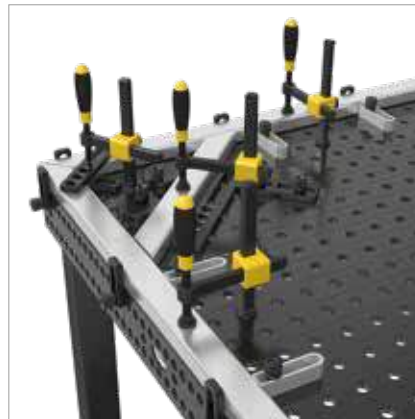
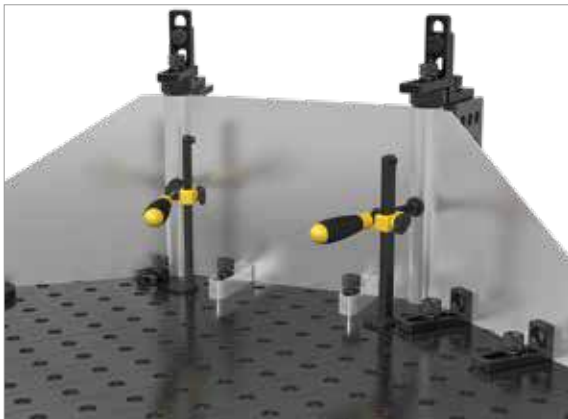
Flex Stop Steel, individually adjustable through the oblong slot, provides a multitude of options. Due to its rounded clamping sides it can be used in corners, as well as free formed clamping surfaces. The Flex Stop 97 spans the hole distance even in diagonal applications.



160417



160418



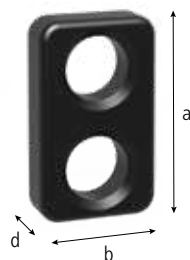
	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 12x97 - Galvanized	97 mm	24 mm	12 mm	4 mm	71 mm	0,08 kg	2-160417 46.00 USD ●
Flex Stop 24x97 - Clamping Bolt long required - Galvanized	97 mm	24 mm	24 mm	4 mm	71 mm	0,16 kg	2-160418 58.00 USD ●

MS=Material thickness; WS=Wall thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

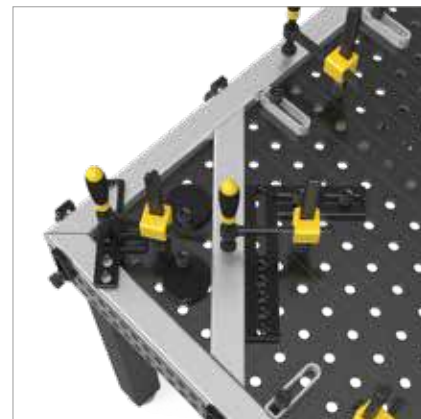
Universal Stop 50 L

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



	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
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Universal Stop 50 L
 - 2 system bore holes
 - nitrided



50 mm	30 mm	12 mm	0,08 kg	2-160407.N
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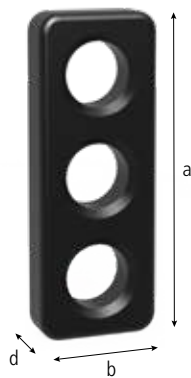
34.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 80 L

Description:

Universal Stop 80 L, can be firmly fixed in place through the three system bore holes.



160408.N



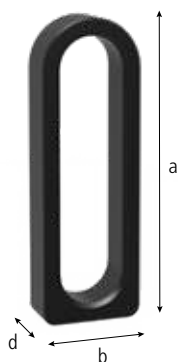
	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
Universal Stop 80 L - 3 system bore holes - nitrided	80 mm	30 mm	12 mm	0,16 kg	2-160408.N 38.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 80 L

Description:

Universal Stop 80 L, individually adjustable through the oblong hole within a range of 0-50 mm.



160410.N



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 80 L - nitrided	80 mm	30 mm	12 mm	50 mm	0,07 kg	2-160410.N 52.00 USD ●

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 115 L

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.



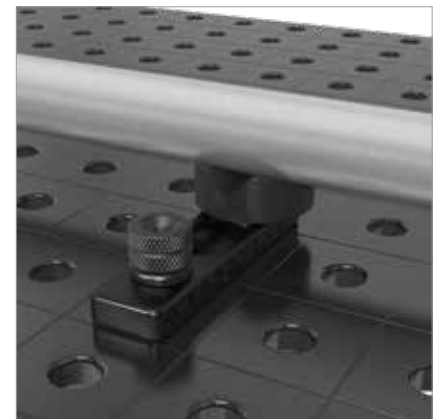
160420.N



160420



160420.A



		Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 115 L - nitrided - Standard with fine scaling on both sides		115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420.N 62.00 USD ●
Universal Stop 115 L - burnished		115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420 48.00 USD ●
Universal Stop 115 L - Aluminum		115 mm	30 mm	12 mm	50 mm	0,05 kg	2-160420.A 54.00 USD ●

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 150 L

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.



160422.N



	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 150 L - 3 system bore holes - nitrided - Standard with fine scaling on both sides	150 mm	35 mm	12 mm	50 mm	0,33 kg	2-160422.N 68.00 USD

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

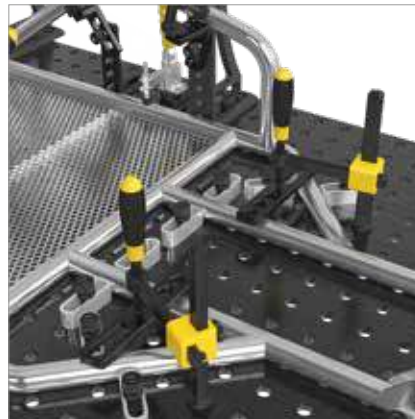
Universal Stop / Clamping Bridge

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.N



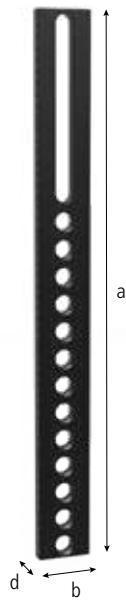
		Length: (a)	Width: (b)	Ø: (o)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop / Clamping Bridge	◆ N BAR	175 mm	35 mm	16 mm	12 mm	50 mm	0,40 kg	2-160450.N
- 3 system bore holes								74.00 USD
- nitrided								

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Stop 300 M / 500 M

Description:

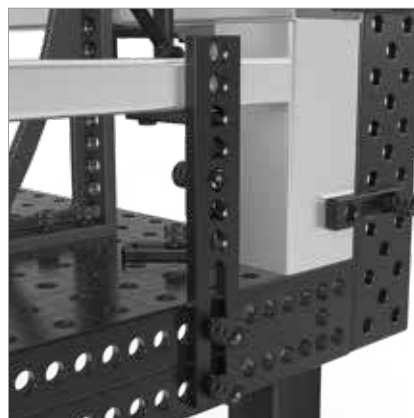
Universal Stop 300 M / 500 M, can be firmly or variably fixed due to the combination of system bore holes and the oblong slot (adjustment range 0-150 mm), therefore offering a multitude of clamping options.






160425.N



160432.N





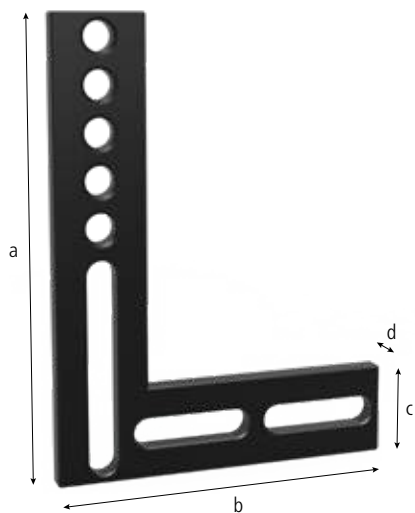
	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 300 M - 7 system bore holes - nitrided - standard with fine scale	    300 mm	50 mm	12 mm	100 mm	1,08 kg	2-160425.N 78.00 USD ●
Universal Stop 500 M - 13 system bore holes - nitrided - Standard with fine scaling on both sides	    500 mm	50 mm	12 mm	150 mm	1,85 kg	2-160432.N 118.00 USD ●

MS=Material thickness; VB=Adjusting range; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

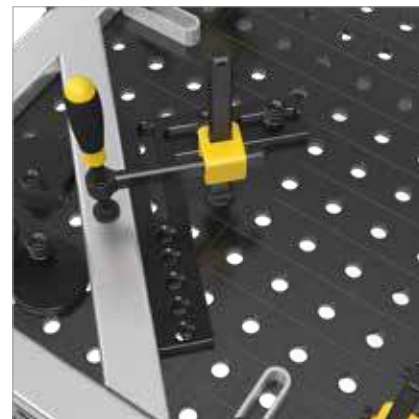
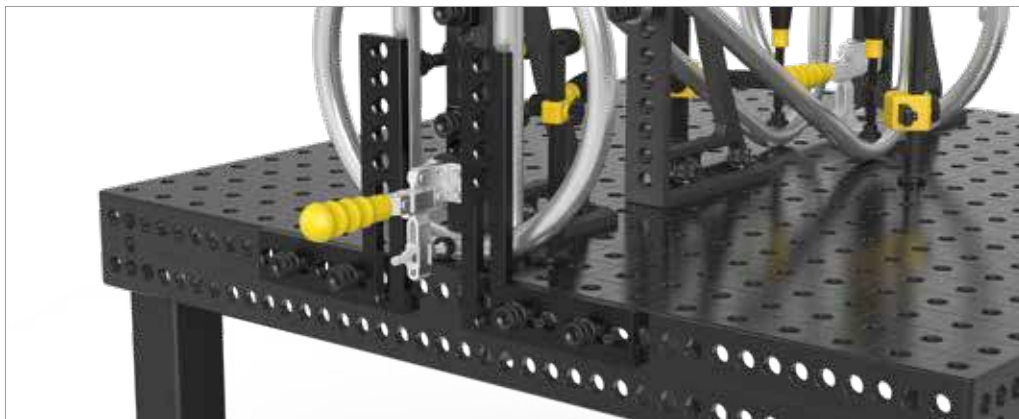
Flat Square 250

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.



160444



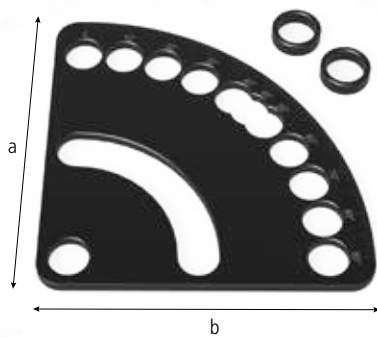
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Flat Square - 5 system drill holes - burnished	250 mm	188 mm	50 mm	12 mm	1,35 kg	2-160444 154.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

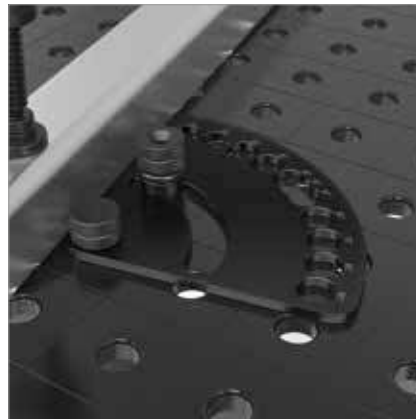
Angle Alignment Template

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.N



		Length: (a)	Width: (b)	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Angle Alignment Template		130 mm	130 mm	7 mm	22 mm	5 mm	0,40 kg	2-160455.N
- nitrided - incl. 2x Spacer Sleeve								66.00 USD
Spacer Sleeve							0,01 kg	2-160538
- burnished								4.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Page 648
Stop and Clamping Square 50 L



Page 649
Stop and Clamping Square 90 X



Page 649
Stop and Clamping Square 90 SL



Page 650
Stop and Clamping Square 90 L



Page 650
Stop and Clamping Square 90 L



Page 652
Stop and Clamping Square 90 WL



Page 652
Stop and Clamping Square 90 VL



Page 653
Stop and Clamping Square 140 L



Page 654
Stop and Clamping Square 150 L



Page 655
Rotation Angle 150



Page 656
Stop and Clamping Square 300 G



Page 657
Stop and Clamping Square 500 G



Page 658
Stop and Clamping Square 250 GK left



Page 658
Stop and Clamping Square 250 GK right



Page 659
Stop and Clamping Square 500 GK left



Page 659
Stop and Clamping Square 500 GK right



Page 660
Stop and Clamping Square 250 G with rotation angle left



Page 660
Stop and Clamping Square 250 G with rotation angle right



Page 662
Stop and Clamping Square 750 GK left



Page 662
Stop and Clamping Square 750 GK right



Page 664
Stop and Clamping Square 250 GK
Aluminum-Titanium left



Page 664
Stop and Clamping Square 250 GK
Aluminum-Titanium right



Page 664
Stop and Clamping Square 500 GK
Aluminum-Titanium left



Page 664
Stop and Clamping Square 500 GK
Aluminum-Titanium right



Page 666
Stop and Clamping Square 250 D



Page 666
Stop and Clamping Square 500 D



Page 666
Stop and Clamping Square 750 D



Page 668
Universal Angle
Mechanical Clamping



Page 669
Universal Angle
Hydromechanical Clamping



Page 670
Corner Connection, Cast Iron



Page 671
Support and Clamping Frame, small
150x100x50



Page 671
Support and Clamping Frame, large
300x200x50



Page 672
Clamping Block 300x300x100
Plasma nitrided



Page 672
Clamping Block 400x200x200
Plasma nitrided



Page 672
Clamping Block 500x500x100
Plasma nitrided



Page 674
Square U-Shape 100/100
Plasma nitrided



Page 676
Square U-Shape 200/100
Plasma nitrided

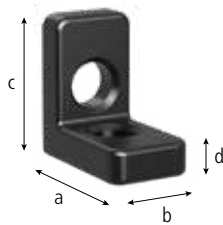


Page 678
Square U-Shape 100/100
Aluminum-Titanium

Stop and Clamping Square 50 L

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.N).



160105.N



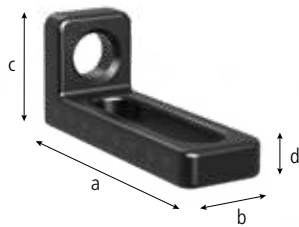
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 50 L - nitrided	50 mm	30 mm	50 mm	12 mm	0,20 kg	2-160105.N 54.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 90 X / 90 SL

Description:

Stop and Clamping Square 90 X / 90 SL, 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.



160108.N

160109.N



		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 90 X - nitrided - Standard with fine scaling on both sides		90 mm	30 mm	25 mm	12 mm	0,19 kg	2-160108.N 62.00 USD ●
Stop and Clamping Square 90 SL - nitrided - Standard with fine scaling on both sides		90 mm	30 mm	40 mm	12 mm	0,21 kg	2-160109.N 66.00 USD ●

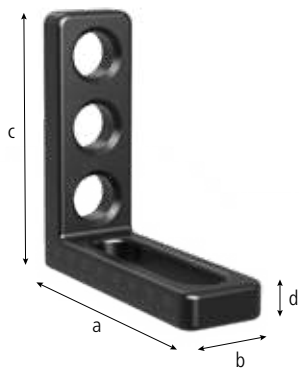
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 90 L

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.N) and the Stop and Clamping Square 90 SL (Item No. 160109.N). 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.



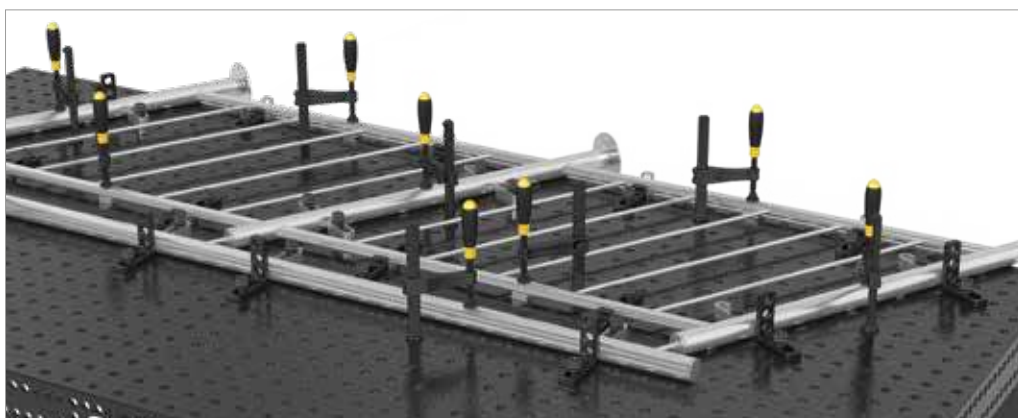
160110.N

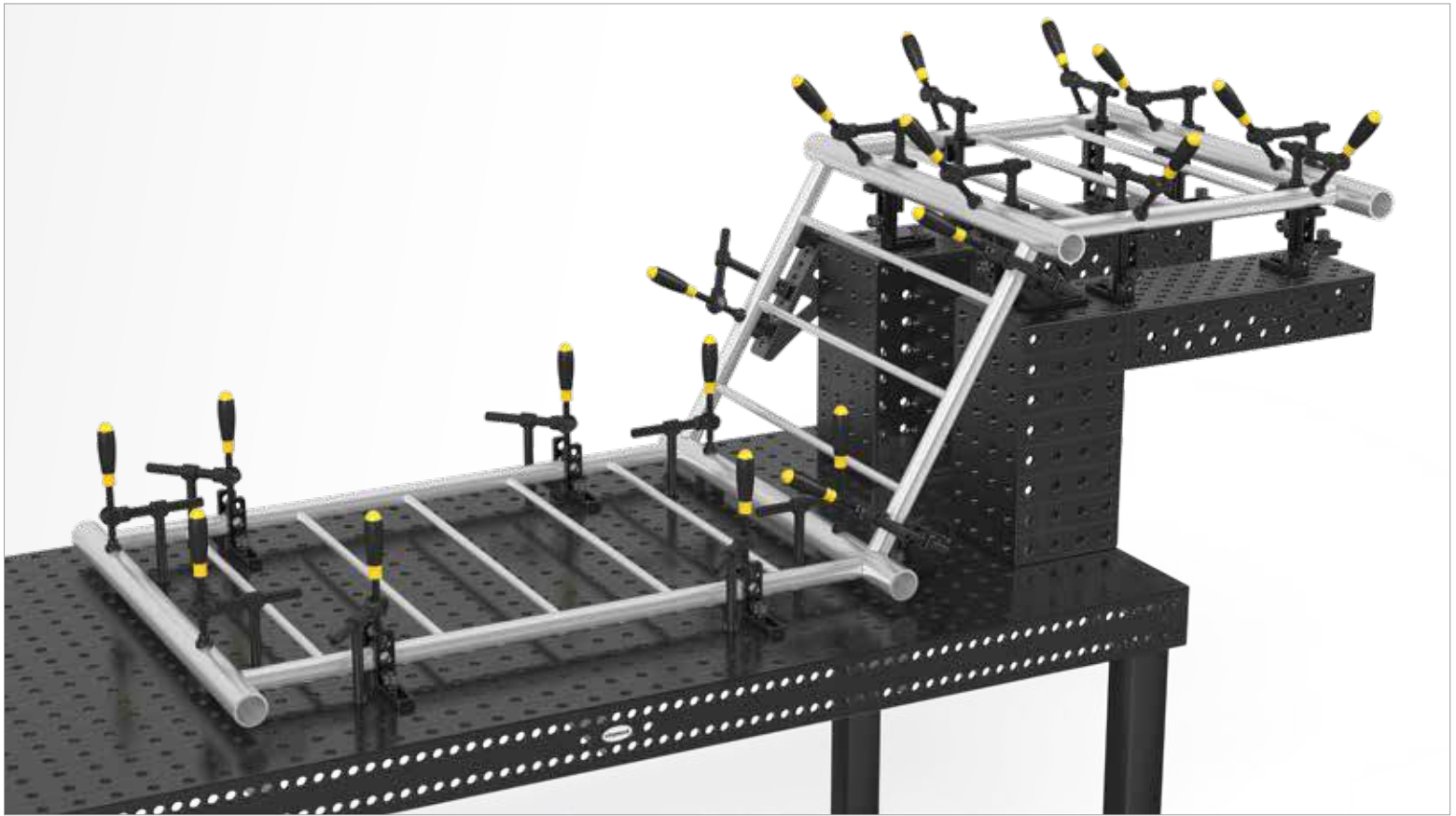


160110.A



160110.C





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 90 L - 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 86.00 USD ●
Stop and Clamping Square 90 L - drill hole / oblong slot - Aluminum	 90 mm	30 mm	90 mm	12 mm	0,11 kg	2-160110.A 98.00 USD ●
Stop and Clamping Square 90 L - drill hole / oblong slot - Chromed, Delivery time approx. 10 weeks	90 mm	30 mm	90 mm	12 mm	0,31 kg	2-160110.C ○

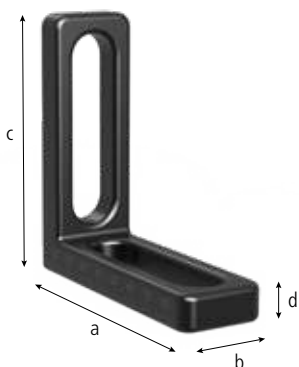
MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 90 WL / 90 VL

Description:

Stop and Clamping Square 90 WL, adjustable due to the oblong slots, is a versatile and infinitely variable tool.

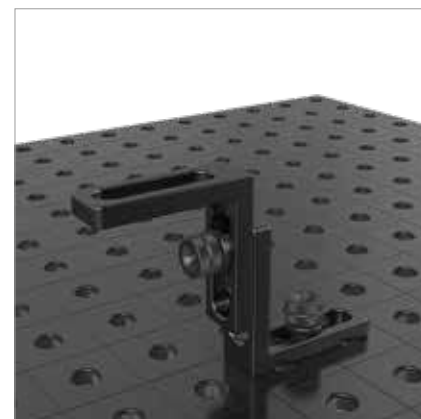
Stop and Clamping Square 90 VL (Item No. 160113.N), with both-sided bore holes can be used as a fix support bracket. By connecting it with the Stop and Clamping Square 50 L (Item No. 160105.N) and the Stop and Clamping Square 90 SL (Item No. 160109.N), it can be utilized as a height-adjustable support.



160111



160113.N



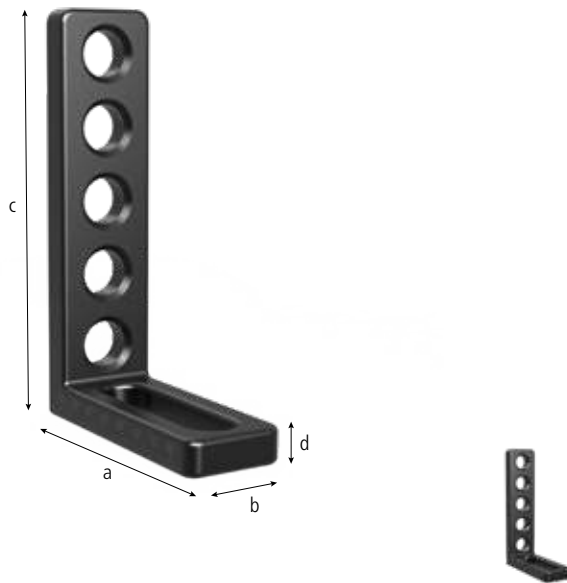
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 90 WL - slot / slot - nitrided - Standard with fine scaling on both sides		90 mm	30 mm	90 mm	12 mm	0,27 kg	2-160111.N 90.00 USD
Stop and Clamping Square 90 VL - drill hole / drill hole - nitrided		90 mm	30 mm	90 mm	12 mm	0,34 kg	2-160113.N 86.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

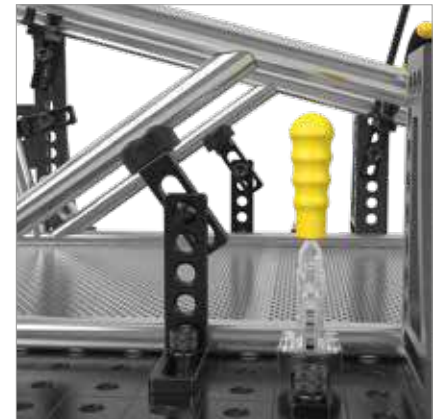
Stop and Clamping Square 140 L

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.N



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 140 L - 5 system bore holes / oblong slot - nitrided - Standard with fine scaling on both sides	90 mm	35 mm	140 mm	12 mm	0,51 kg	2-160112.N 102.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

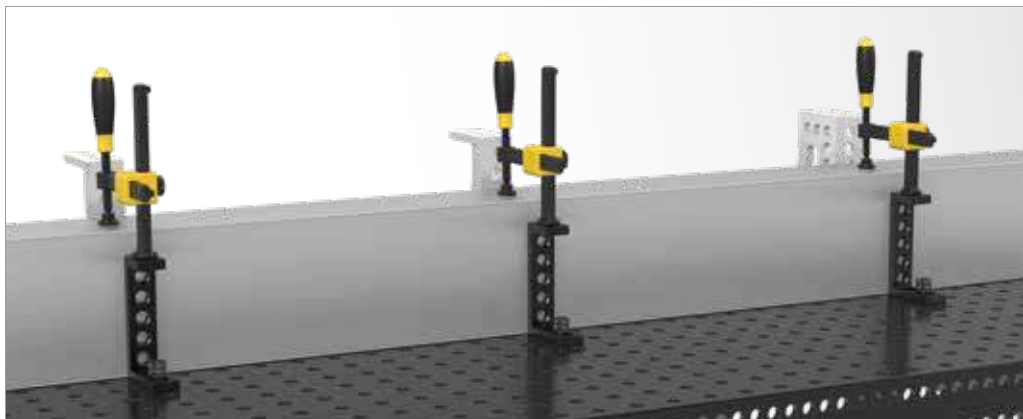
Stop and Clamping Square 150 L

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.



160114.N



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 150 L - 6 system drill holes / oblong slot - nitrided	90 mm	35 mm	150 mm	12 mm	0,65 kg	2-160114.N 106.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

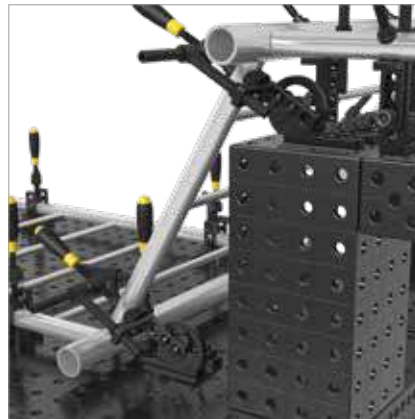
Rotation Angle 150

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.



160101.N



	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Rotation Angle 150 - nitrided	150 mm	150 mm	12 mm	1,80 kg	2-160101.N 142.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 G - stop on left - nitrided	150 mm	49 mm	300 mm	12 mm	2,51 kg	2-160162.N 138.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

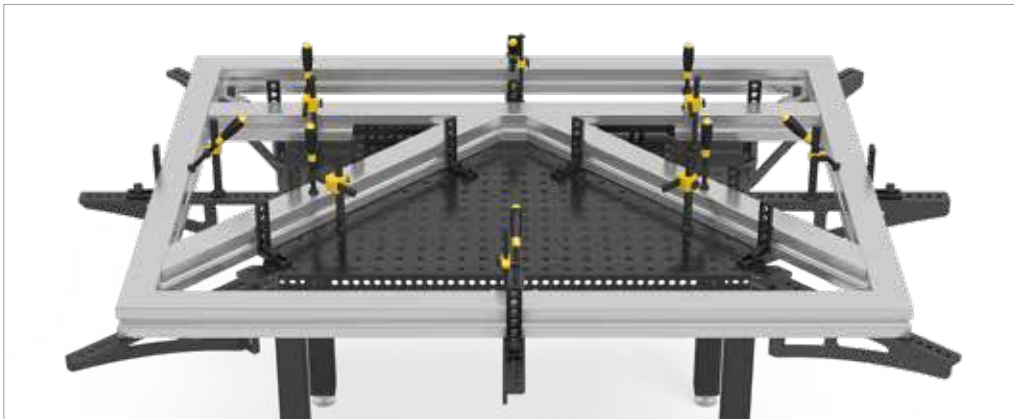
Stop and Clamping Square 500 G

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.N



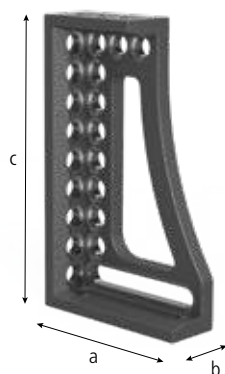
	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 500 G - stop on left - nitrided	195 mm	49 mm	500 mm	12 mm	4,56 kg	2-160164.N 190.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 250 GK

Description:

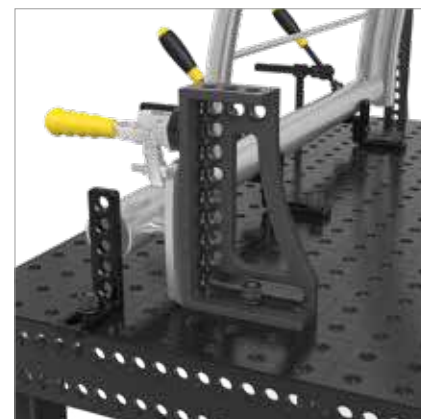
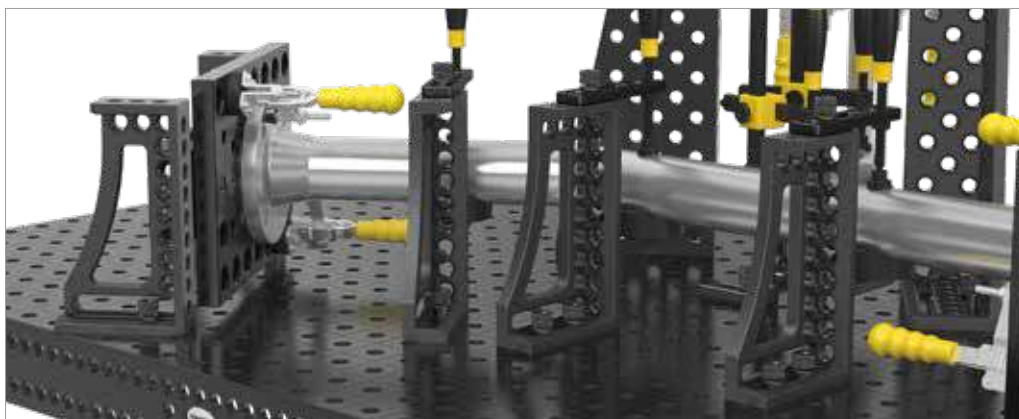
Stop and Clamping Square 250 GK, opens up a multitude of clamping options, due to its three-dimensionality. It was specifically designed for heavy parts. It serves both as a stop as well as a table extension. In order to achieve maximum stability, the Stop and Clamping Square is manufactured of GGG40 ductile cast iron. Ordering in pairs is recommended.



160124.N



160126.N



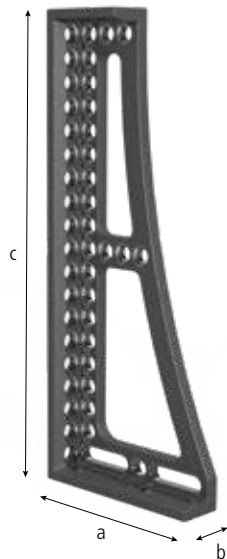
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 250 GK - stop on left - nitrided - standard with fine scale		145 mm	49 mm	250 mm	approx. 14 mm	2,10 kg	2-160124.N 188.00 USD
Stop and Clamping Square 250 GK - stop on right - nitrided - standard with fine scale		145 mm	49 mm	250 mm	approx. 14 mm	2,10 kg	2-160126.N 188.00 USD

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N



160136.N



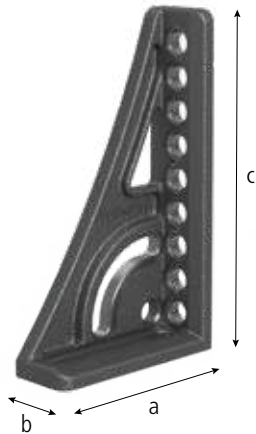
		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 500 GK							
- stop on left	◆ 100 N BAR	195 mm	49 mm	500 mm	approx. 14 mm	5,30 kg	2-160134.N ●
- nitrided							286.00 USD
- standard with fine scale							
Stop and Clamping Square 500 GK							
- stop on right	◆ 100 N BAR	195 mm	49 mm	500 mm	approx. 14 mm	5,30 kg	2-160136.N ●
- nitrided							286.00 USD
- standard with fine scale							

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 250 G with rotation angle

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.

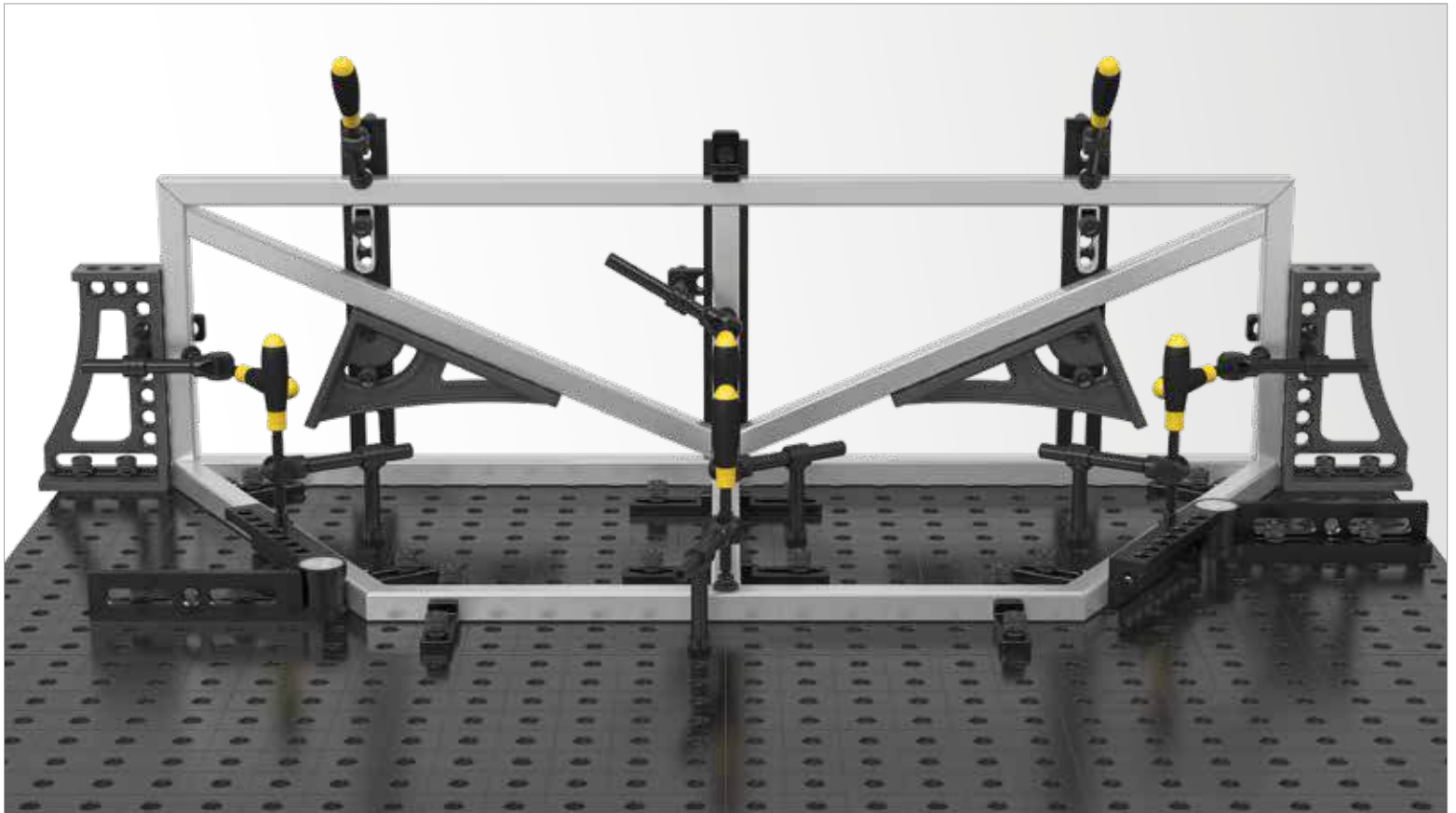










160161.N



160163.N

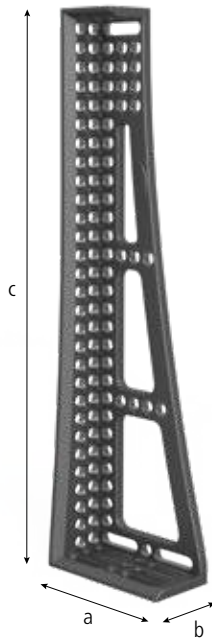




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 250 G with rotation angle - stop on left - Cast iron / nitrided - standard with fine scale	    145 mm	49 mm	250 mm	approx. 14 mm	2,16 kg	2-160161.N 192.00 USD ●
Stop and Clamping Square 250 G with rotation angle - stop on right - Cast iron / nitrided - standard with fine scale	    145 mm	49 mm	250 mm	approx. 14 mm	2,16 kg	2-160163.N 192.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 750 GK



160146.N



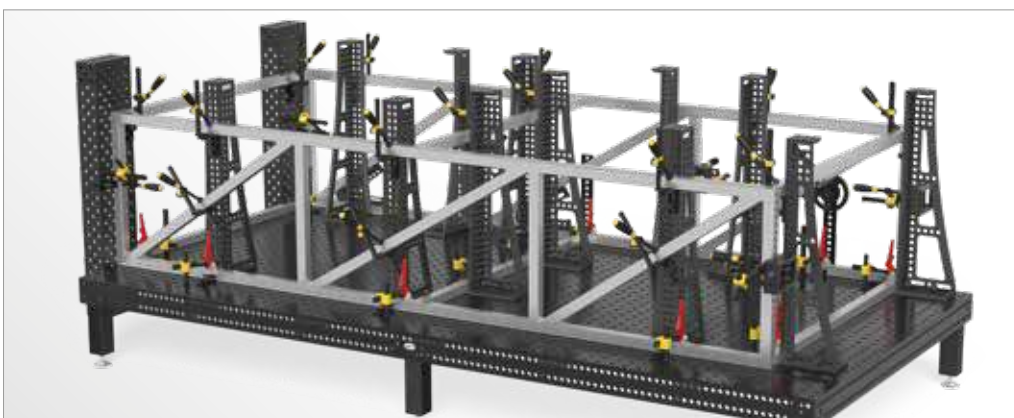
160148.N

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.

Due to the dual bore holes the square can be positioned in a 25 mm grid. Therefore the clamping options are doubled.

The threefold, expanded oblong slot increases the stability and precision of clamping.

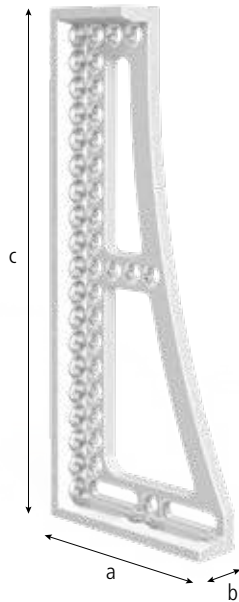




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 750 GK - stop on left - nitrided - standard with fine scale	    200 mm	100 mm	750 mm	approx. 14 mm	8,30 kg	2-160146.N 490.00 USD ●
Stop and Clamping Square 750 GK - stop on right - nitrided - standard with fine scale	    200 mm	100 mm	750 mm	approx. 14 mm	8,30 kg	2-160148.N 490.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square Aluminum-Titanium



160120



160121



160138

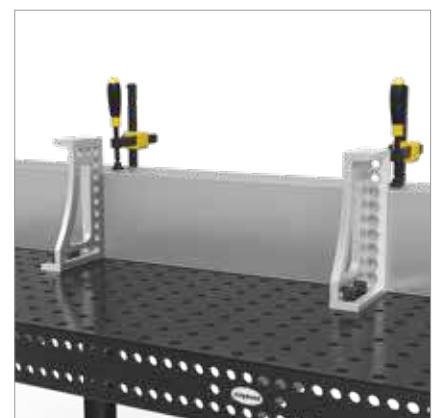


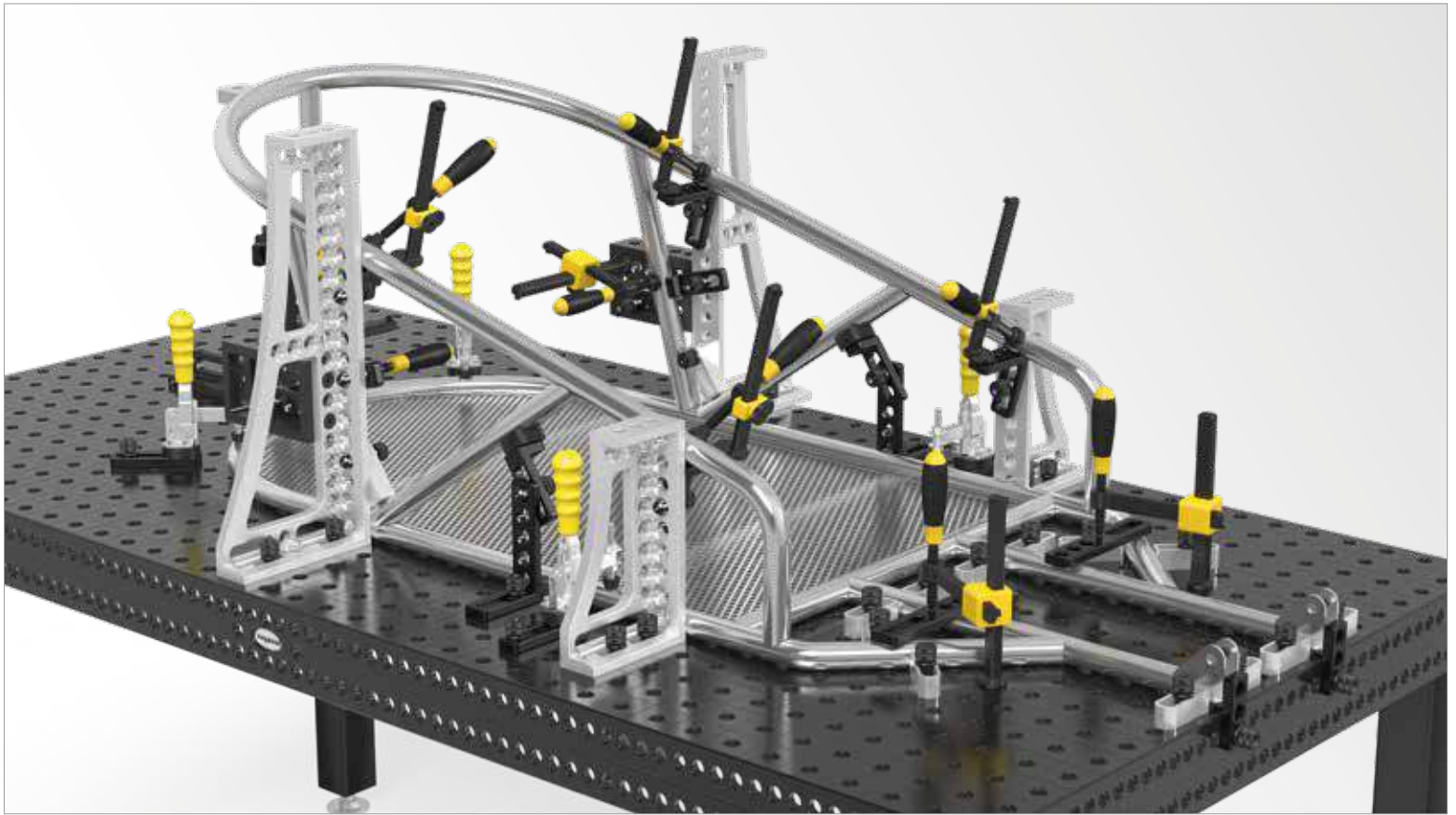
160139

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.

Aluminum-Titanium: We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.

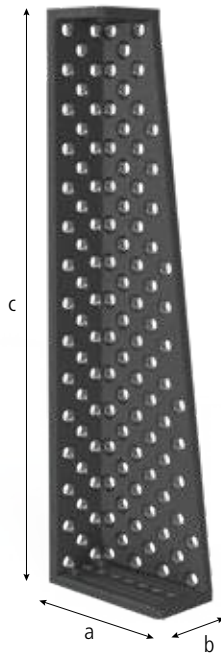




		Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 250 GK Aluminum-Titanium - stop on left - standard with fine scale		145 mm	49 mm	250 mm	approx. 14 mm	1,20 kg	2-160120 286.00 USD ●
Stop and Clamping Square 250 GK Aluminum-Titanium - stop on right - standard with fine scale		145 mm	49 mm	250 mm	approx. 14 mm	1,20 kg	2-160121 286.00 USD ●
Stop and Clamping Square 500 GK Aluminum-Titanium - stop on left - standard with fine scale		195 mm	49 mm	500 mm	approx. 14 mm	5,30 kg	2-160138 378.00 USD ●
Stop and Clamping Square 500 GK Aluminum-Titanium - stop on right - standard with fine scale		195 mm	49 mm	500 mm	approx. 14 mm	5,30 kg	2-160139 378.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Stop and Clamping Square 250 D / 500 D / 750 D



160140.N



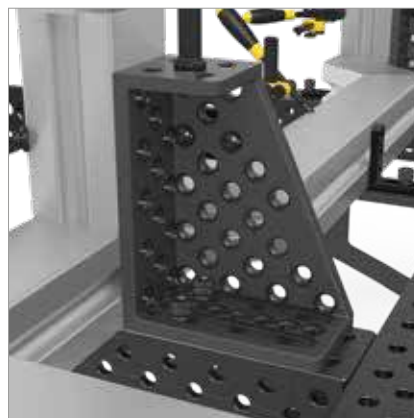
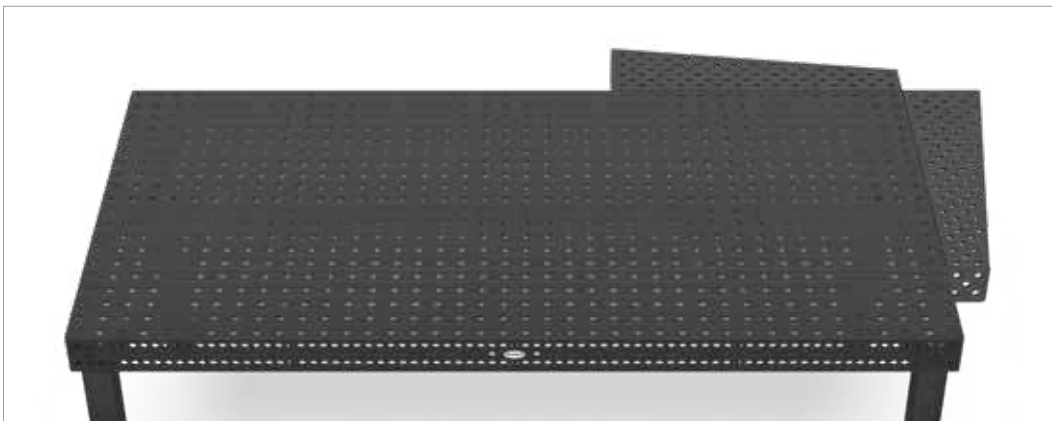
160142.N



160144.N

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)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 250 D - stop on right - nitrided		200 mm	100 mm	250 mm	approx. 14 mm	6,60 kg	2-160140.N 386.00 USD ●
Stop and Clamping Square 500 D - stop on right - nitrided		200 mm	100 mm	500 mm	approx. 14 mm	11,50 kg	2-160142.N 498.00 USD ●
Stop and Clamping Square 750 D - stop on right - nitrided		200 mm	100 mm	750 mm	approx. 14 mm	16,40 kg	2-160144.N 644.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Angle Mechanical Clamping

Description:

Universal Angle Mechanical Clamping, 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 a hex wrench. The Setup template is included with delivery.



160170.N



SL: (e) Weight: Item No.

Universal Angle Mechanical Clamping

- nitrided
- incl setting template



260 mm

3,40 kg

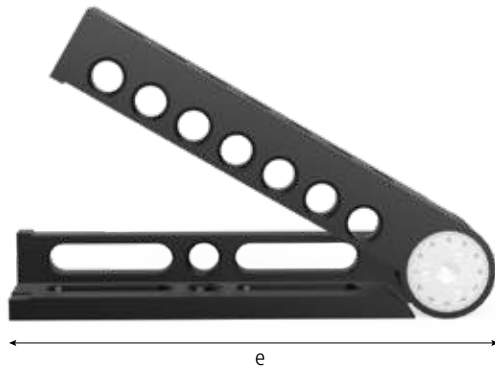
2-160170.N
498.00 USD

SL=Side length; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Angle Hydromechanical Clamping

Description:

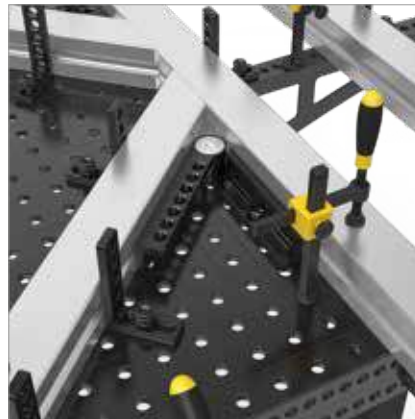
Universal Angle Hydromechanical Clamping, facilitates an angular structure with high retention force based on hydromechanical clamping. This square is infinitely variable ranging from 0° to 225°. A Digital Angle Gauge ensures precise setting (not included in delivery). The matching 6 mm hex wrench is available as Item No. 280852.1.



160171



280852.1



Universal Angle Hydromechanical Clamping
- burnished

Hex wrench 6
- yellow

SL: (e)	Weight:	Item No.
250 mm	2,80 kg	2-160171 758.00 USD ●
	0,09 kg	2-280852.1 24.00 USD ●

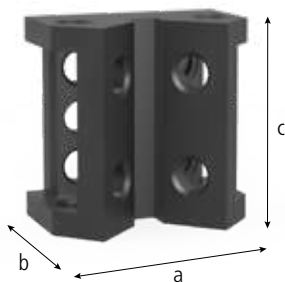
SL=Side length; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Corner Connection, Cast Iron

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.



160190.N



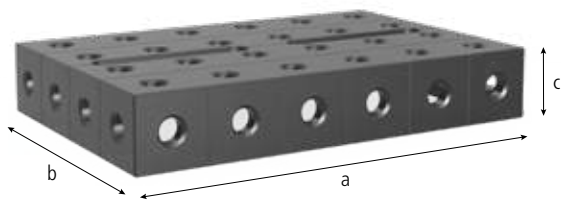
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Corner Connection, Cast Iron - nitrided	100 mm	65 mm	100 mm	1,70 kg	2-160190.N 256.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Support and Clamping Frame

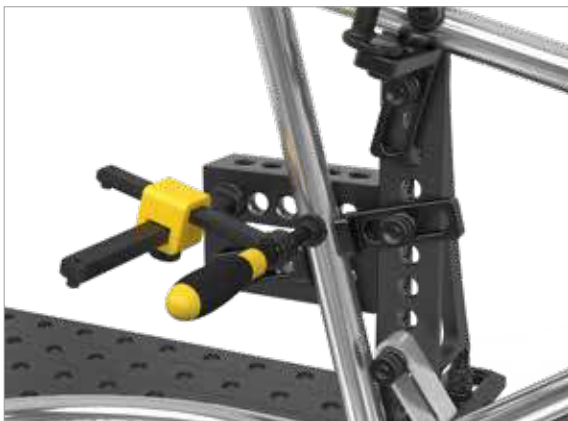
Description:

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.



160300.N

160302.N



		Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Support and Clamping Frame, small - stop on right - nitrided		150 mm	100 mm	50 mm	2,10 kg	2-160300.N 256.00 USD
Support and Clamping Frame, small - stop on left - nitrided		150 mm	100 mm	50 mm	2,10 kg	2-160301.N 256.00 USD
Support and Clamping Frame, large - nitrided		300 mm	200 mm	50 mm	7,40 kg	2-160302.N 392.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

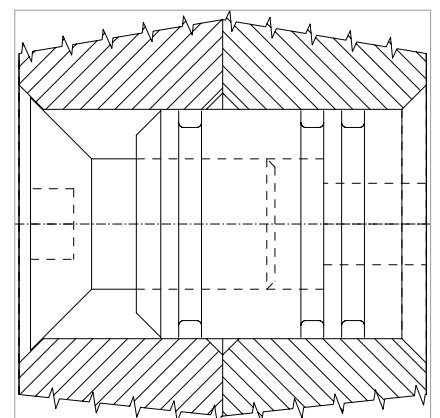
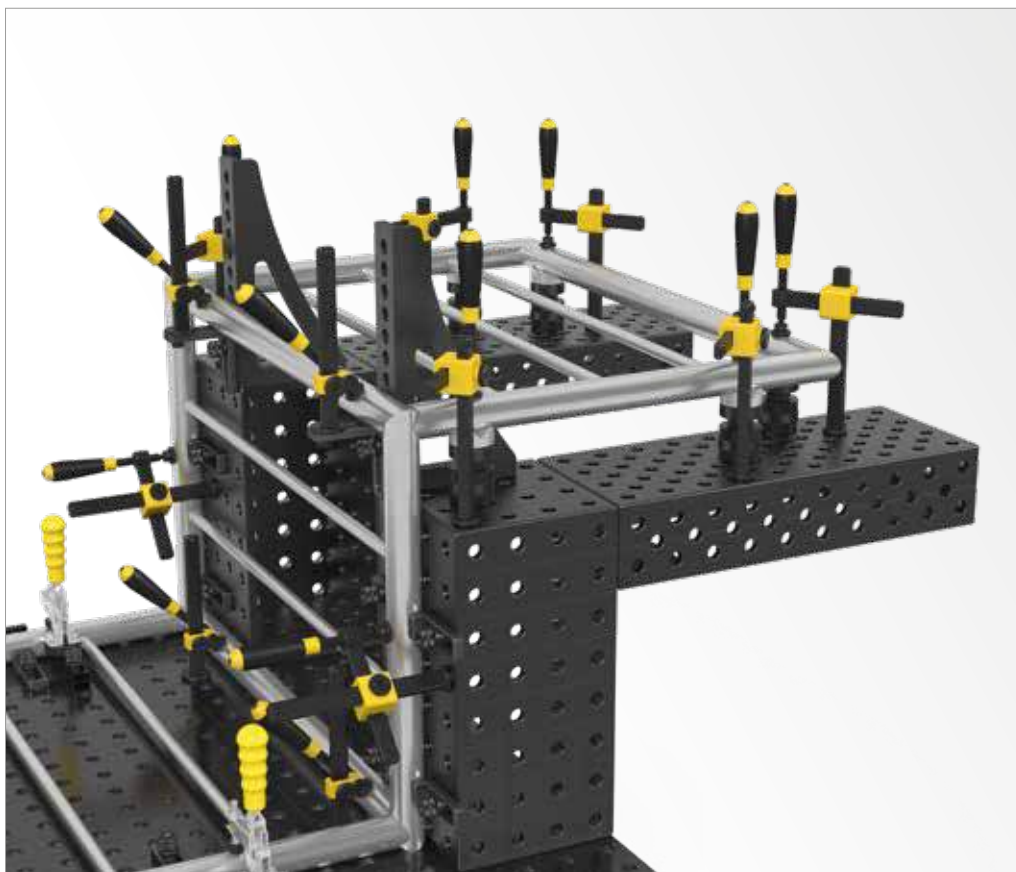
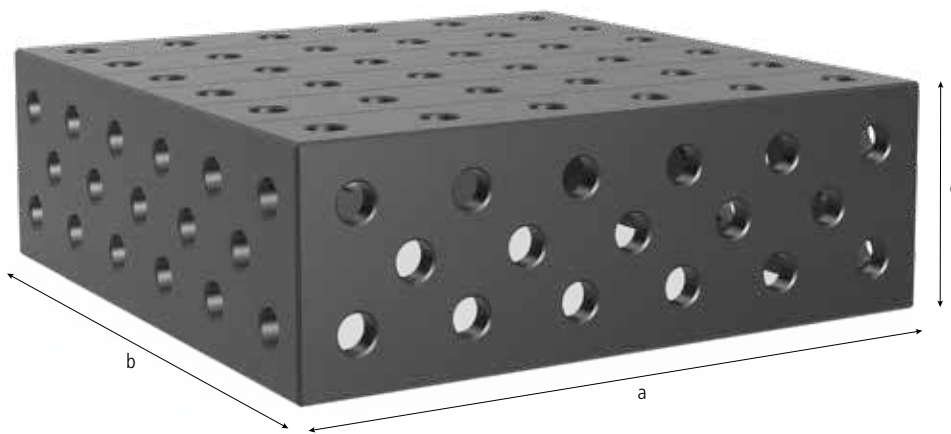
Clamping Block

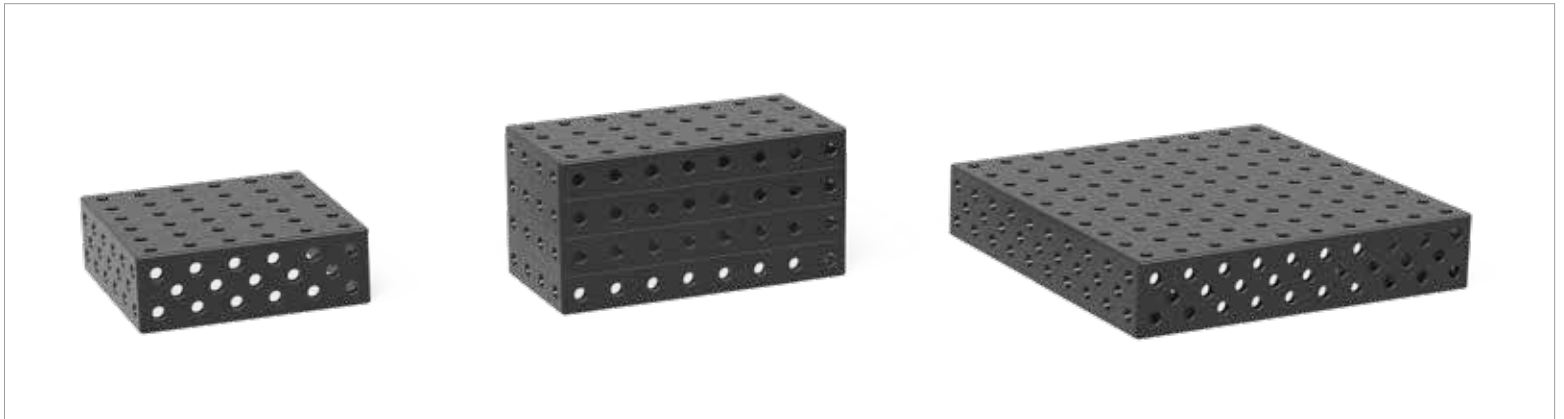
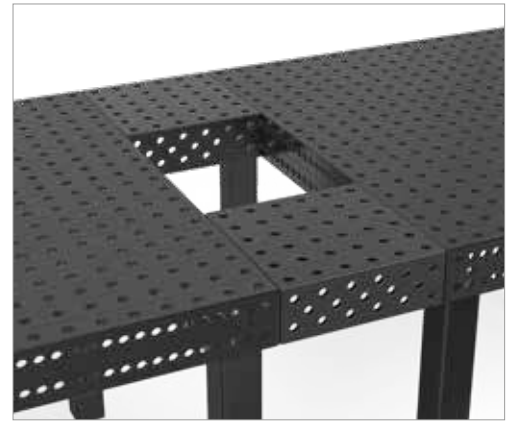


Description:

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.N).

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.

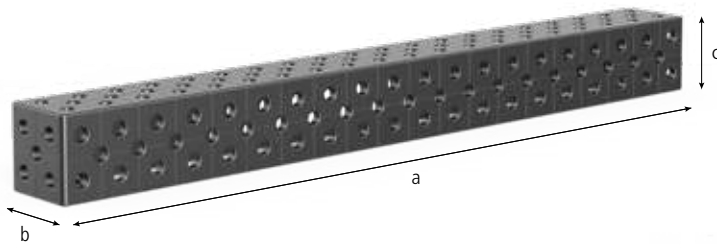




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Clamping Block 300x300x100 - five-sided - Plasma nitrided	300 mm	300 mm	100 mm	12 mm	approx. 16 kg	2-160280.P 634.00 USD ●
Clamping Block 400x200x200 - five-sided - Plasma nitrided	400 mm	200 mm	200 mm	12 mm	approx. 25 kg	2-160272.P 966.00 USD ●
Clamping Block 500x500x100 - five-sided - Plasma nitrided	500 mm	500 mm	100 mm	12 mm	approx. 40 kg	2-160290.P 1,344.00 USD ●
Additional sizes upon request						○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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.N).

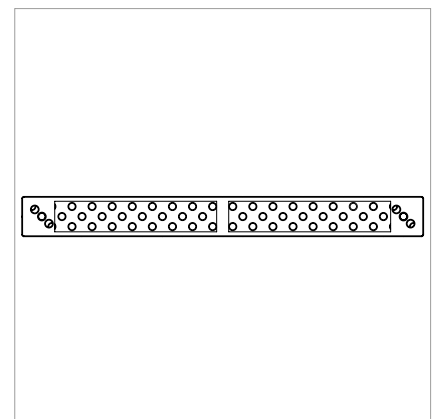
From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs.

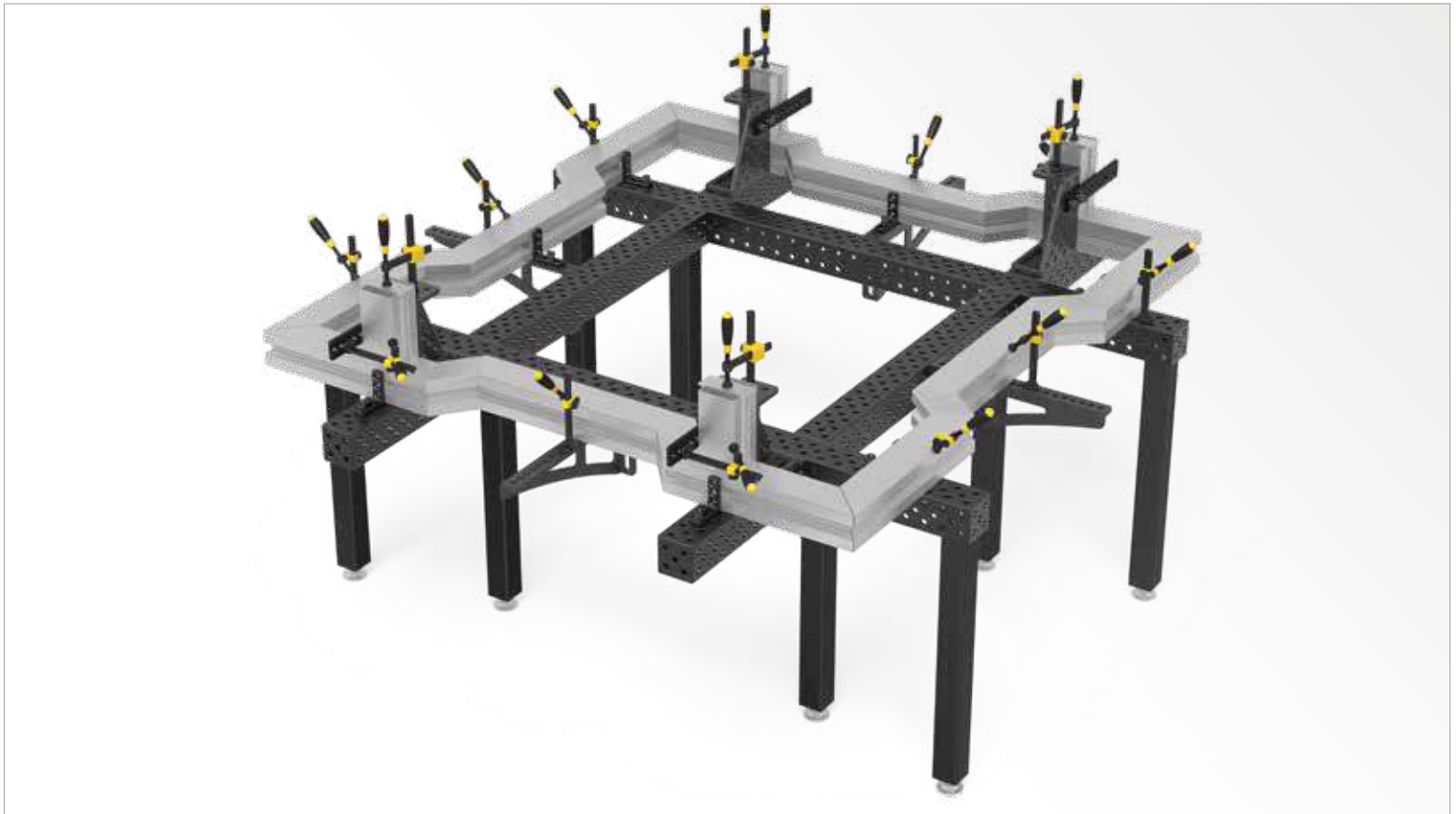
If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

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.

Please find pictures for every product size at www.siegmund.com.



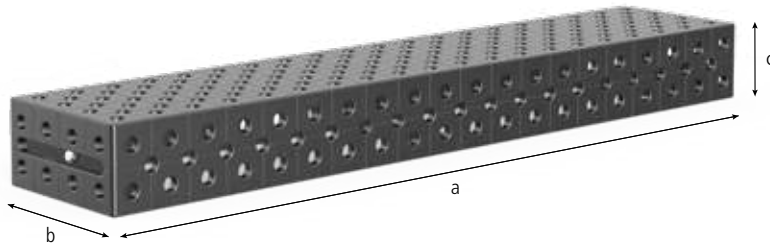


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 100x100x100 Plasma nitrided	100 mm	100 mm	100 mm	12 mm	approx. 4 kg	2-160396.P 470.00 USD ●
Square U-Shape 500x100x100 Plasma nitrided	500 mm	100 mm	100 mm	12 mm	approx. 15 kg	2-160360.P 660.00 USD ●
Square U-Shape 1000x100x100 Plasma nitrided	1000 mm	100 mm	100 mm	12 mm	approx. 27 kg	2-160370.P 1,056.00 USD ●
Square U-Shape 1500x100x100 Plasma nitrided	1500 mm	100 mm	100 mm	12 mm	approx. 39 kg	2-160380.P 1,284.00 USD ●
Square U-Shape 2000x100x100 Plasma nitrided	2000 mm	100 mm	100 mm	12 mm	approx. 51 kg	2-160390.P 1,902.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on 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.N).

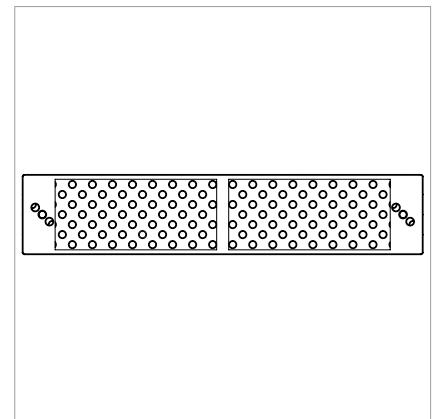
From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs.

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.

Please find pictures for every product size at www.siegmund.com.



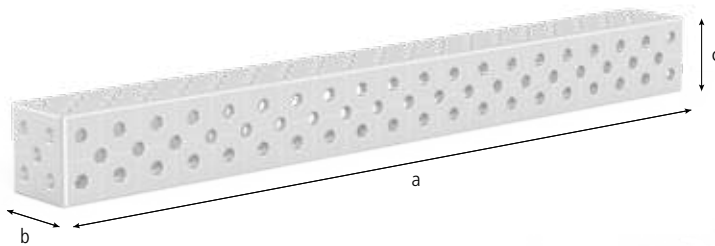


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Plasma nitrided
Square U-Shape 200x100x100 Plasma nitrided	200 mm	100 mm	100 mm	12 mm	approx. 6 kg	2-160396.1.P 504.00 USD ●
Square U-Shape 500x200x100 Plasma nitrided	500 mm	200 mm	100 mm	12 mm	approx. 22 kg	2-160360.1.P 836.00 USD ●
Square U-Shape 1000x200x100 Plasma nitrided	1000 mm	200 mm	100 mm	12 mm	approx. 38 kg	2-160370.1.P 1,442.00 USD ●
Square U-Shape 1500x200x100 Plasma nitrided	1500 mm	200 mm	100 mm	12 mm	approx. 55 kg	2-160380.1.P 1,904.00 USD ●
Square U-Shape 2000x200x100 Plasma nitrided	2000 mm	200 mm	100 mm	12 mm	approx. 72 kg	2-160390.1.P 2,552.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

From a purchase of 5 pieces also available without nitration. Item produced on order.

Square U-Shape 100/100 Aluminum-Titanium



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.N).

From a length of 500 mm all U-shaped squares have mounting holes on the back to attach table legs.

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.

Aluminum-Titanium: We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.

Please find pictures for every product size at www.siegmund.com.





	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Aluminum
Square U-Shape 500x100x100 Aluminum-Titanium	500 mm	100 mm	100 mm	12 mm	approx. 5 kg	3-160360.AT . ○
Square U-Shape 1000x100x100 Aluminum-Titanium	1000 mm	100 mm	100 mm	12 mm	approx. 9 kg	3-160370.AT . ○
Square U-Shape 1500x100x100 Aluminum-Titanium	1500 mm	100 mm	100 mm	12 mm	approx. 13 kg	3-160380.AT . ○
Square U-Shape 2000x100x100 Aluminum-Titanium	2000 mm	100 mm	100 mm	12 mm	approx. 18 kg	3-160390.AT . ○
Additional sizes upon request						. ○

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

16 BOLTS





Page 684
Fast Clamping Bolt short



Page 684
Fast Clamping Bolt long



Page 685
Universal Bolt short



Page 685
Universal Bolt long



Page 686
Fast Clamping Bolt, flat short



Page 686
Fast Clamping Bolt, flat long



Page 687
Flush Mount Bolt short



Page 687
Flush Mount Bolt long



Page 688
Positioning Bolt



Page 689
Connecting Bolt short



Page 689
Connecting Bolt long



Page 692
Spacer Ring for Magnetic Bolt



Page 692
Magnetic Clamping Bolt 34



Page 692
Magnetic Clamping Bolt 46

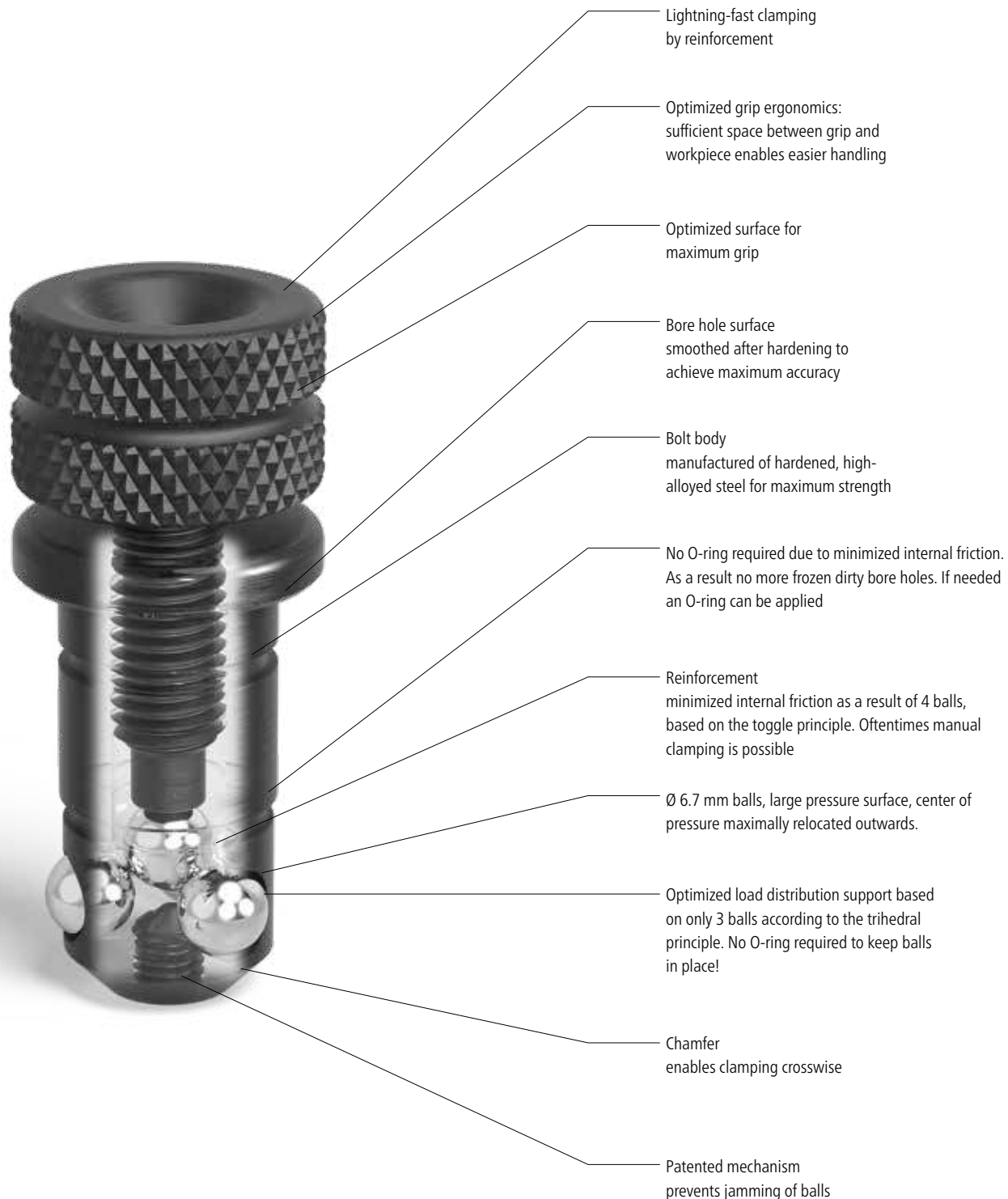


Page 692
Magnetic Clamping Bolt 58

Bolts

Lightning-fast and optimized

Due to its well-engineered mechanism it can be fixed and released by hand within seconds.



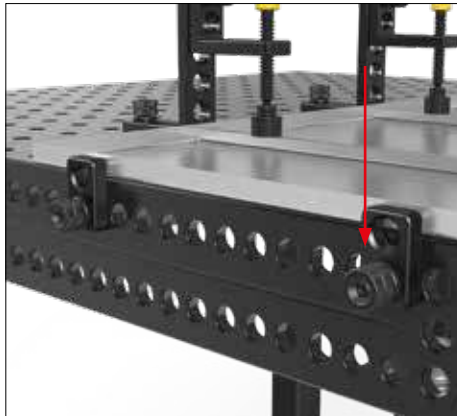


TIGHTENING TORQUE (AM)

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.

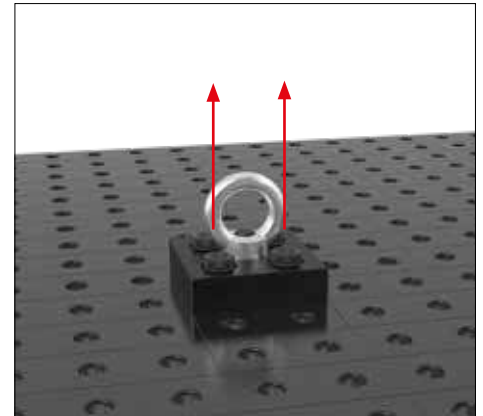
Max. AM of 160510: ≤ 10 Nm



SHEARING FORCE (SK)

The shearing force is the force which reacts laterally to the cross-sectional area of the bolt.

Max. SK of 160510: ≤ 55 kN



TENSILE FORCE (ZK)

The tensile force is the force created when pulling on fixed bolts.

Max. ZK of 160510 ≤ 10 kN

You can also find the product video on:

www.siegmund.com/V160510



Fast Clamping Bolt



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.

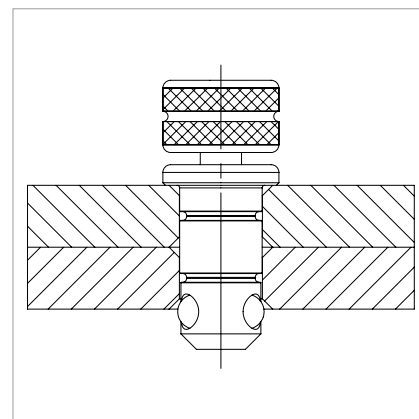
This Bolt is NOT approved for combining tables and U-shaped squares!



160510



160512



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt short - for clamping 2 components - burnished - with screw top	53 mm	16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160510 58.00 USD ●
Fast Clamping Bolt long - for clamping 3 components - burnished - with screw top	65 mm	16 mm	0,10 kg	55,00 kN	10,00 Nm	10,00 kN	2-160512 70.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Universal Bolt

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 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.

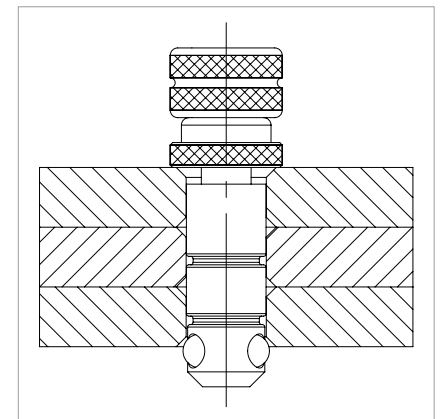
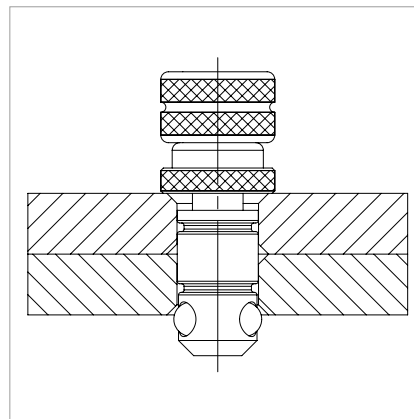
The Universal Bolt is clamped with the integrated handwheel or with a hex wrench 6 (Item No. 280852.1).

This Bolt is NOT approved for combining tables and U-shaped squares!



160532

160533



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Universal Bolt short - for clamping 2 components - burnished	59 mm	16 mm	0,11 kg	50,00 kN	10,00 Nm	10,00 kN	2-160532 60.00 USD ●
Universal Bolt long - for clamping 3 components - burnished	71 mm	16 mm	0,12 kg	50,00 kN	10,00 Nm	10,00 kN	2-160533 74.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Fast Clamping Bolt, flat

Description:

Flat Burnished Clamping Bolt, mainly used for clamping of oblong holes. Like the countersunk bolt, it reduces protrusion.

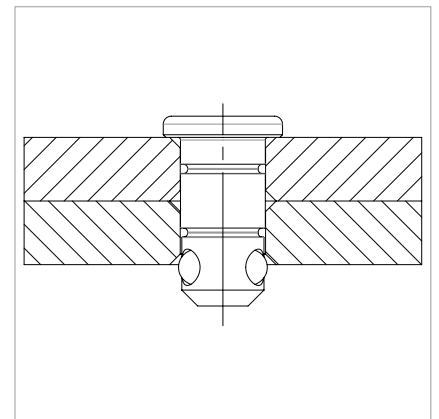
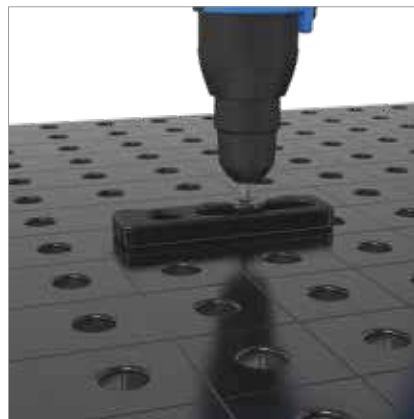
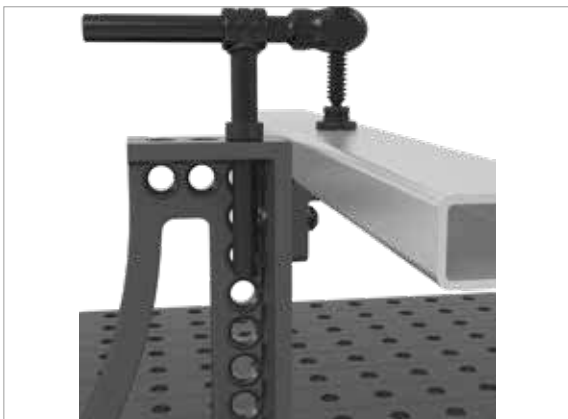
Ideal for cordless screwdriver with up to 10 Nm turning moment.

This Bolt is NOT approved for combining tables and U-shaped squares!



160522

160523



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt, flat short - for clamping 2 components - burnished	36 mm	16 mm	0,05 kg	55,00 kN	10,00 Nm	10,00 kN	2-160522 50.00 USD ●
Fast Clamping Bolt, flat long - for clamping 3 components - burnished	48 mm	16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160523 62.00 USD ●
Setscrew for 160522 - pack of 10							2-169085 22.00 USD ●
Setscrew for 160523 - pack of 10							2-169075 22.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Flush Mount Bolt

Description:

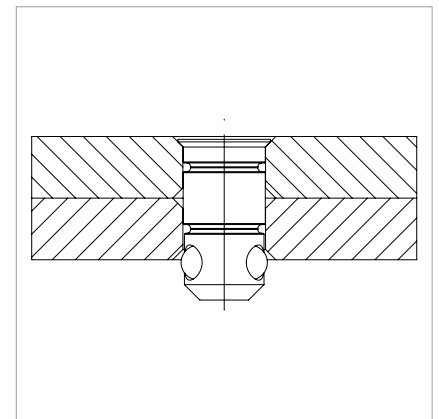
Flush Mount Bolt, used as a hidden connection between Siegmund elements. Its design corresponds with other connecting bolts with four balls. Its head disappears into the bore hole, to make it flush with the clamped component. The Flush Mount Bolt is not suitable for use in oblong slots.

This Bolt is NOT approved for combining tables and U-shaped squares!



160528

160529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Flush Mount Bolt short - for clamping 2 components - burnished	31 mm	16 mm	0,04 kg	55,00 kN	10,00 Nm	3,00 kN	2-160528 48.00 USD ●
Flush Mount Bolt long - for clamping 3 components - burnished	43 mm	16 mm	0,05 kg	55,00 kN	10,00 Nm	3,00 kN	2-160529 58.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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!



160540



	Length: (a)	Ø: (o)	Weight:	Item No.
Positioning Bolt - burnished	38 mm	16 mm	0,07 kg	2-160540 18.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Connecting Bolt

Description:

Connecting Bolt, especially designed as a fixed long-term connection of large Siegmund Elements, e.g. tables or U-shaped squares.

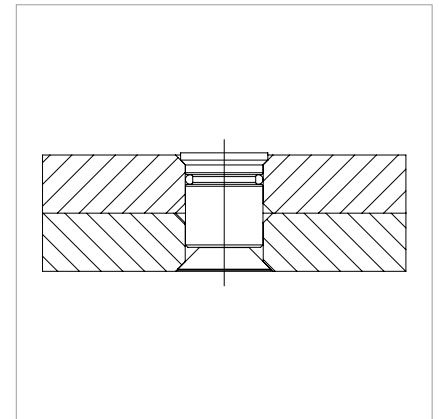
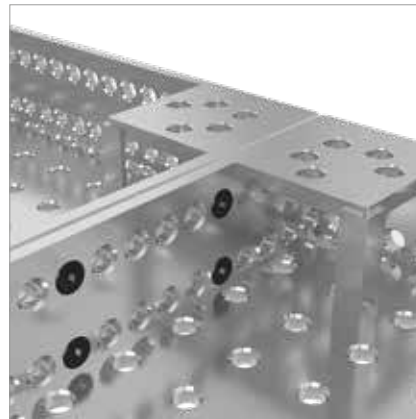
The countersunk hexagon socket and the ability of the clamping bolt to center itself, enable easy assembly. The flat head and the flat bolt contain a hexagon socket for clamping.

The connecting bolt provides a sturdy screw Connection. The Connecting Bolt should not be used in oblong slots.



160560.N

160561



		Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt short								
- for connecting 2 components	◆ N BAR	25 mm	16 mm	0,03 kg	50,00 kN	15,00 Nm	4,00 kN	2-160560.N ●
- nitrided								30.00 USD
- with hexagon socket								
Connecting Bolt long								
- for connecting 3 components		37 mm	16 mm	0,05 kg	50,00 kN	15,00 Nm	4,00 kN	2-160561 ●
- burnished								36.00 USD
- with hexagon socket								

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Spare Parts for Bolts

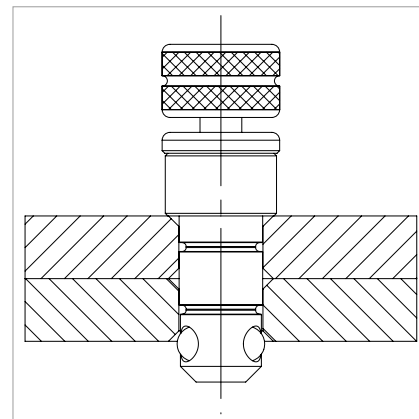
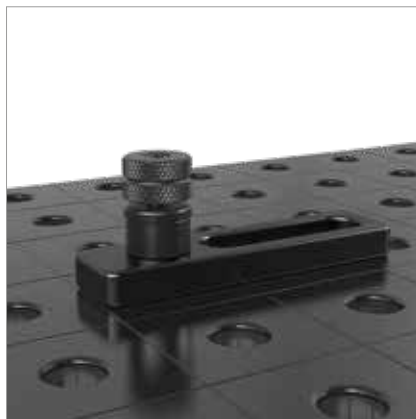
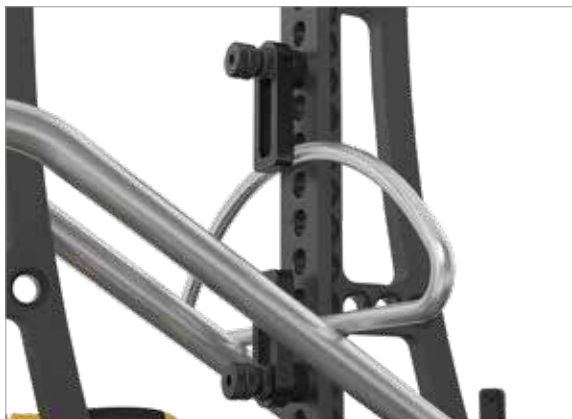
Description:

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.



160539

169103



	Height: (c)	Ø: (o)	Weight:	Item No.
Spacer Ring for Magnetic Bolt - burnished	12 mm	21 mm	0,02 kg	2-160539 ● 4.00 USD
Spare Parts for Bolts - 10x 169008, 10x 169009, 5x 169074			0,02 kg	2-169103 ● 4.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Magnetic Clamping Bolt

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.



160740



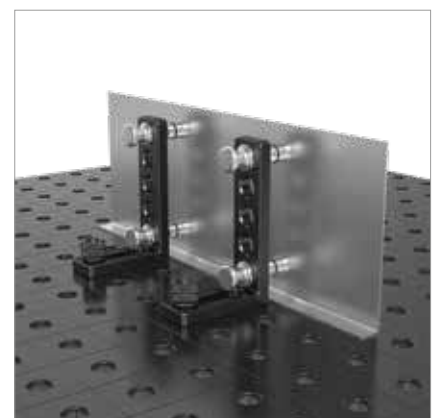
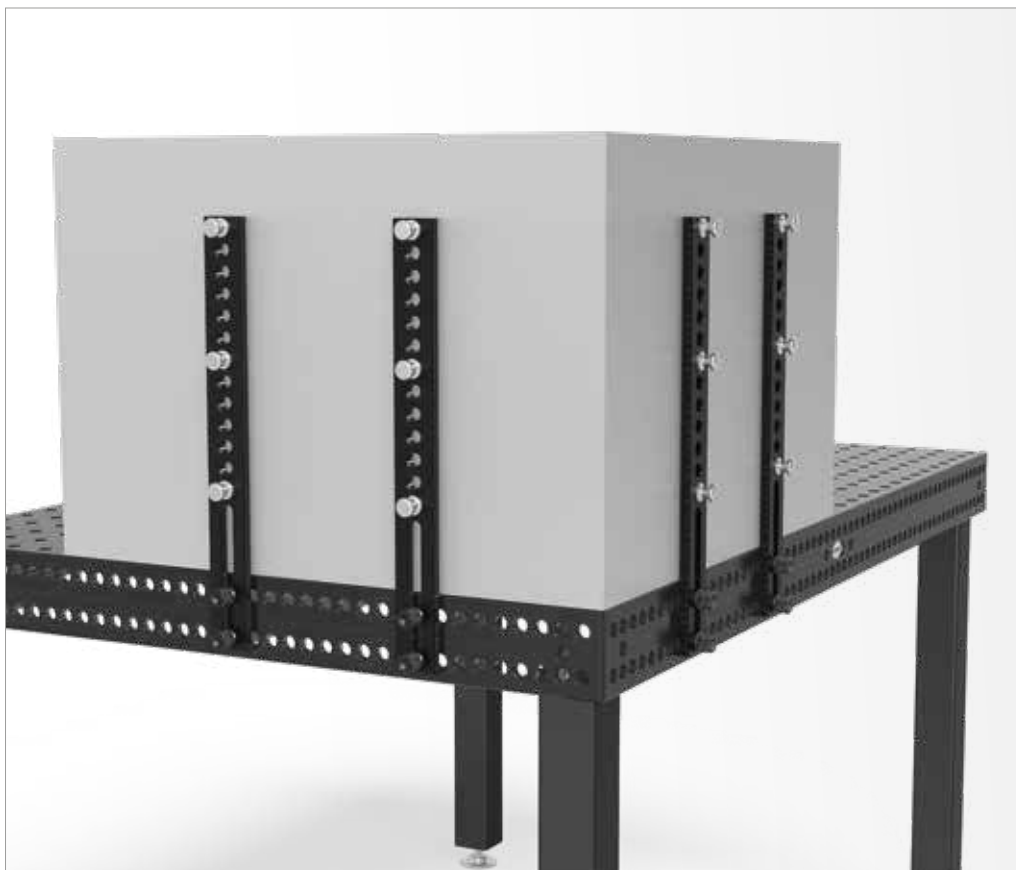
160740.1

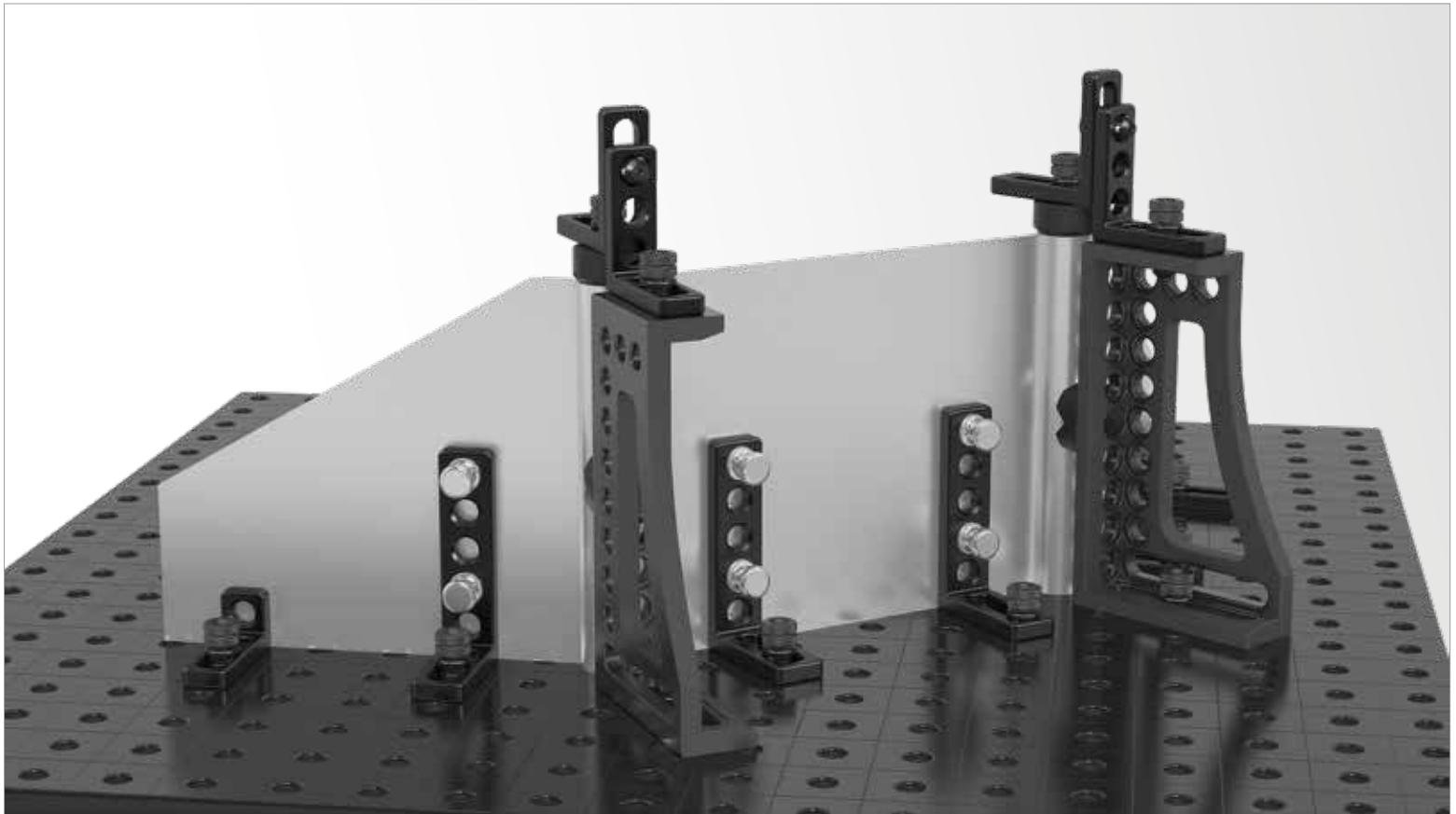


160740.2



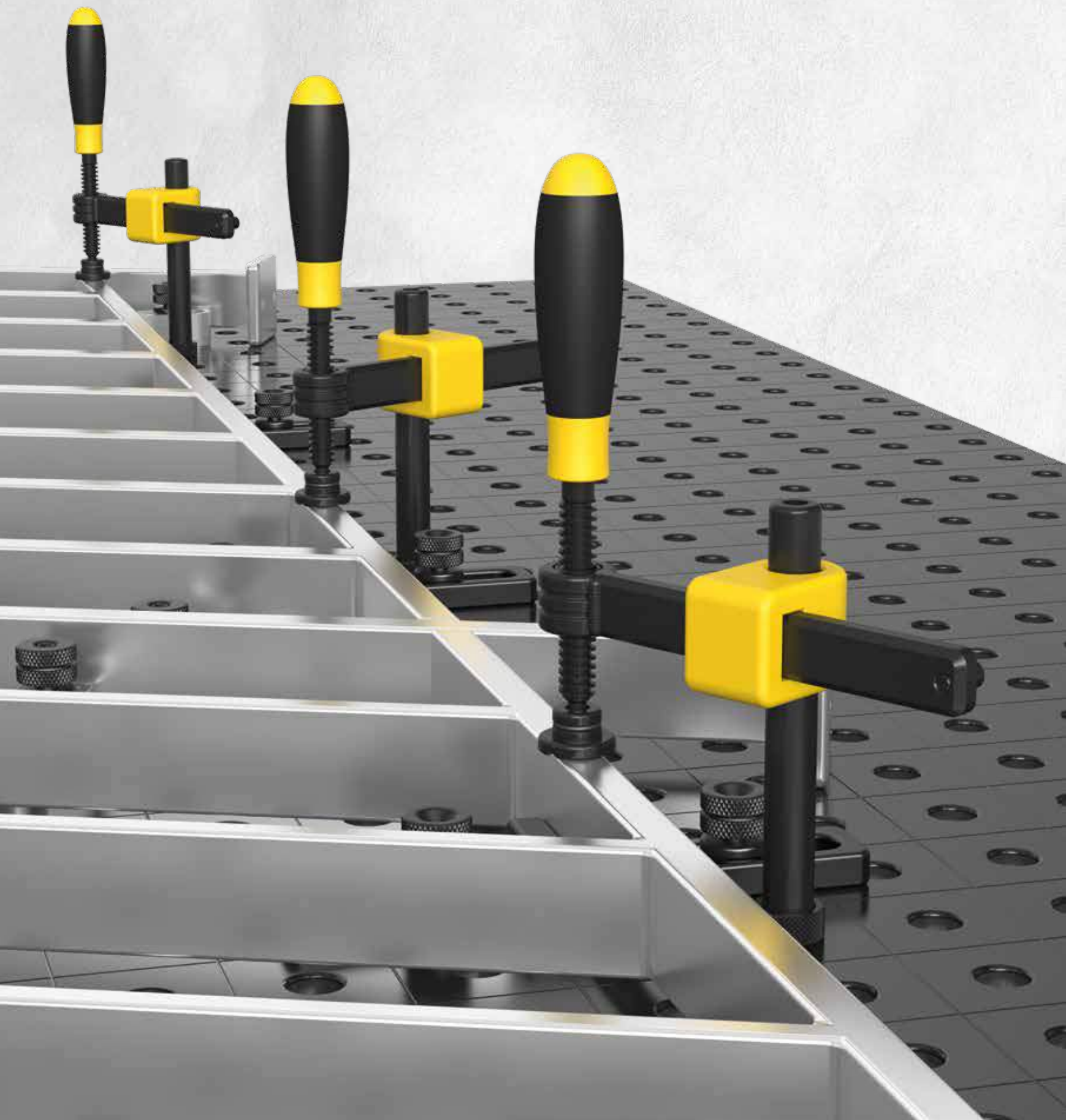
160539





	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Magnetic Clamping Bolt 34 - Length of Shaft 25 mm - Aluminum	● ALU 34 mm		16 mm	0,02 kg	2-160740 24.00 USD ●
Magnetic Clamping Bolt 46 - Length of Shaft 50 mm - Aluminum	● ALU 46 mm		16 mm	0,03 kg	2-160740.1 28.00 USD ●
Magnetic Clamping Bolt 58 - Length of Shaft 75 mm - Aluminum	● ALU 58 mm		16 mm	0,04 kg	2-160740.2 32.00 USD ●
Spacer Ring for Magnetic Bolt - burnished		12 mm	21 mm	0,02 kg	2-160539 4.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84





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Professional Screw Clamp



Page 700
Professional Screw Clamp 45°/90°



Page 702
Professional Fast Tension Clamp



Page 704
Screw Clamp with Round Pipe



Page 706
Pipe Clamp Universal



Page 708
Basic Screw Clamp



Page 709
Short Arbor with Bushing and Prism



Page 710
Prism for Screw Clamps



Page 710
Prism for Screw Clamps



Page 710
Prism for Screw Clamps



Page 711
Duo Prism Ø 25



Page 711
Duo Prism Ø 25



Page 711
Duo Prism Ø 25



Page 712
Pressure Ball for Screw Clamps



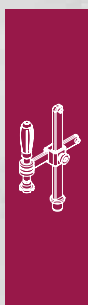
Page 712
Pressure Ball for Screw Clamps



Page 712
Pressure Ball for Screw Clamps



Page 712
Pressure Ball Blank for Screw Clamps



Clamps & Accessories

You can also find the product video on:

www.siegmund.com/V160610



160617



160662



160643
150 mm



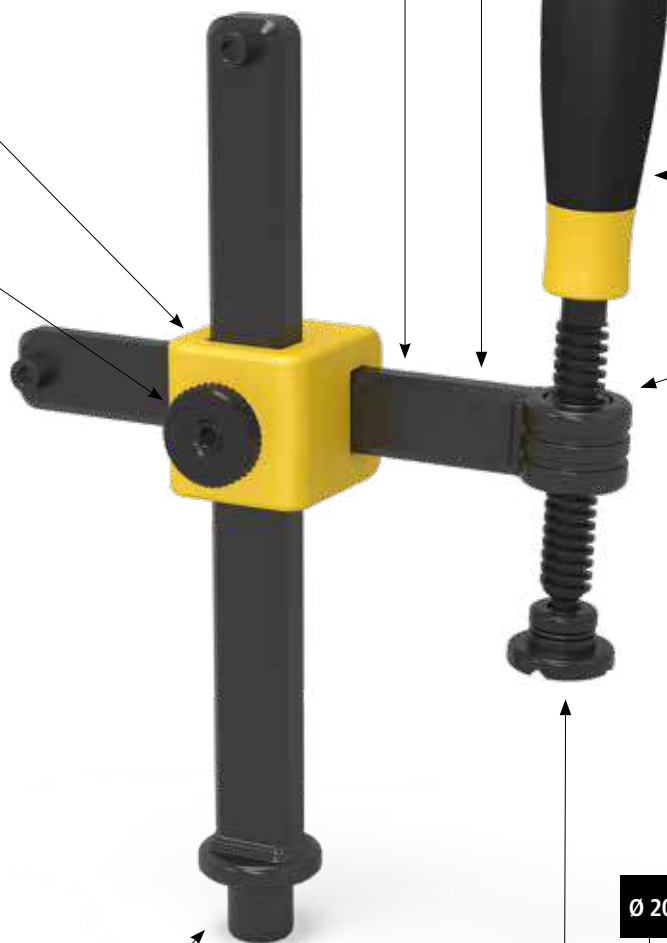
160637
100 mm



160634.1
90 mm



160634.3
75 mm



160618.1



160632
200 mm



Ø 20

160660
Burnished / nitrided

160660.E
Stainless Steel

160660.PA
Polyamide



Ø 25

160650
Burnished / nitrided

160650.A
Aluminum

160650.PA
Polyamide



Ø 25

160656
Burnished / nitrided

160656.E
Stainless Steel

160656.PA
Polyamide

160643
150 mm

160617.4

160634.1
90 mm

160634.3
75 mm

160618.1

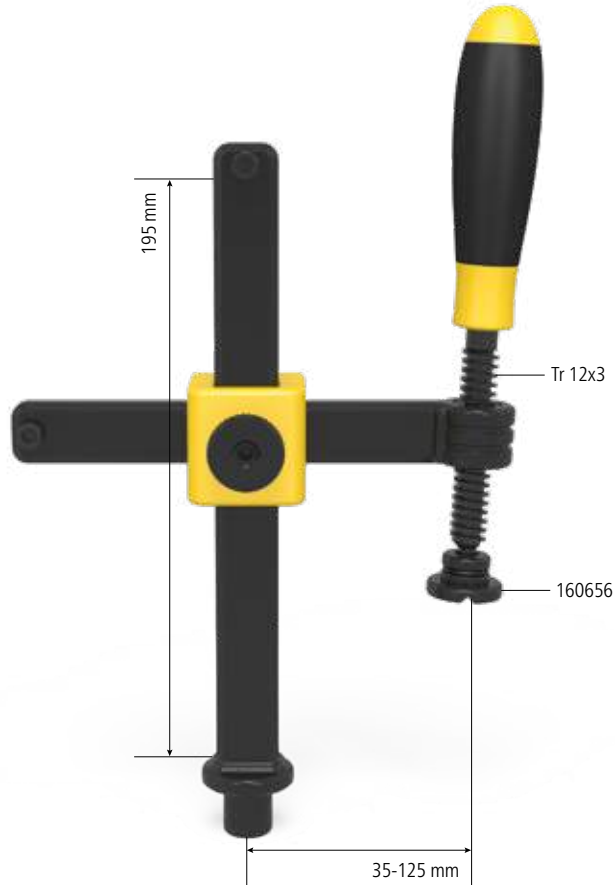
160653

160642
200 mm

Ø 20	160660 Burnished / nitrided	160660.E Stainless Steel	160660.PA Polyamide
	160650 Burnished / nitrided	160650.A Aluminum	160650.PA Polyamide
	160656 Burnished / nitrided	160656.E Stainless Steel	160656.PA 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 710.

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



160610.S

Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	2,5 kN	1,20 kg	2-160610 ● 104.00 USD
Professional Screw Clamp special size			2-160610.S ○

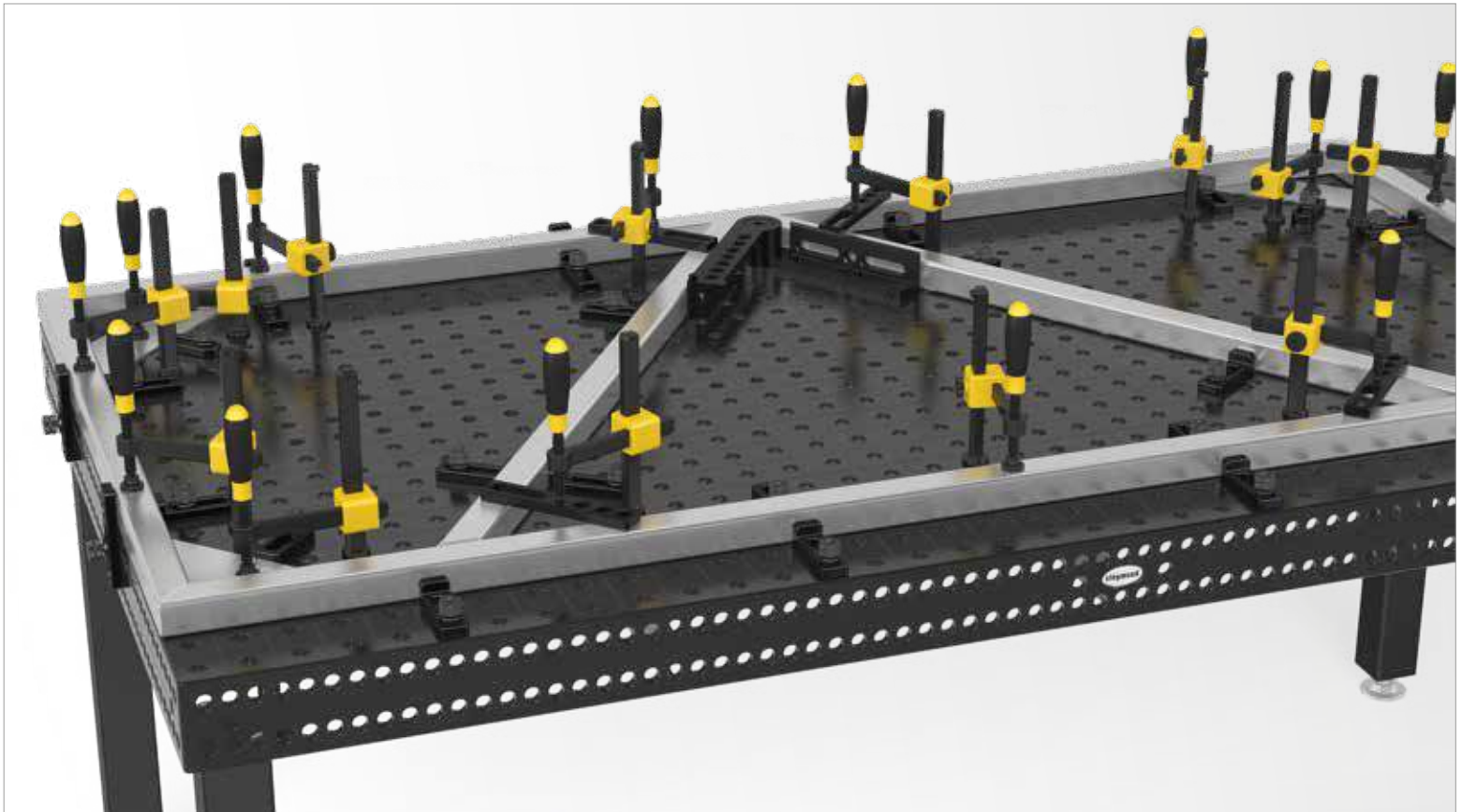
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 160610:
consisting of 1x 160634.3, 1x 160643, 1x 160632, 1x 160618.1, 1x 160617, 1x 160662, 1x 160656

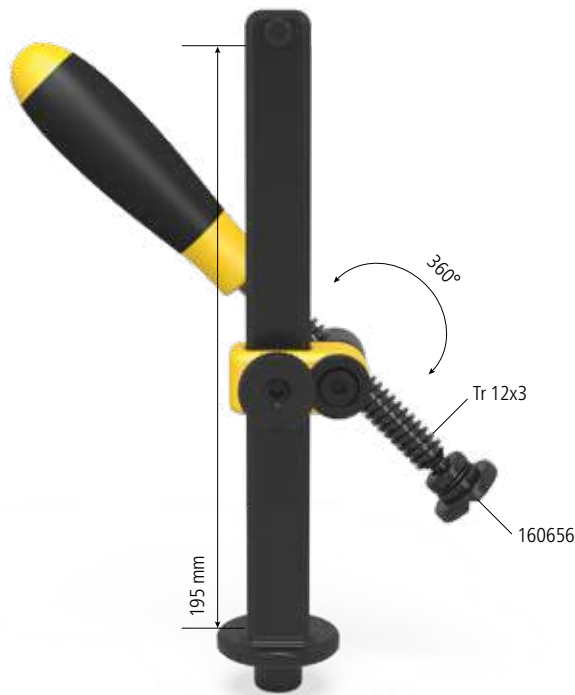


Spare parts, special sizes and parts for a individual configuration		
Threaded Arbor - for 160610, 160630, 160620, 160601, 160604 - trapezoid thread 12 x 3 mm	75 mm 2-160634.3 ● 18,00 USD	90 mm 2-160634.1 ● 22,00 USD
Horizontal Bar - for 160610, 160601 - without Bushing 160618.1, please order separately		150 mm 2-160643 ● 18,00 USD
Vertical Bar - for 160610, 160620		200 mm 2-160632 ● 26,00 USD
Thread Bushing - for 160610, 160601 - Acme trapezoidal thread 12 x 3 mm for system 16 screw clamp arbor - burnished		15 mm 2-160618.1 ● 10,00 USD
Cast Iron Cross - for 160606, 160610 - without handwheel		42 mm 2-160617 ● 34,00 USD
Handwheel for Cast Iron Cross - for 160606, 160610, 160630		17 mm 2-160662 ● 12,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 710.

The dimensions of the appropriate flat bar are 20x13 mm.

The new handwheel on the cast iron cross enables height adjustment within seconds.



160630



160630.S

Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	2,5 kN	0,75 kg	2-160630 ● 98.00 USD
Professional Screw Clamp special size			2-160630.S ○

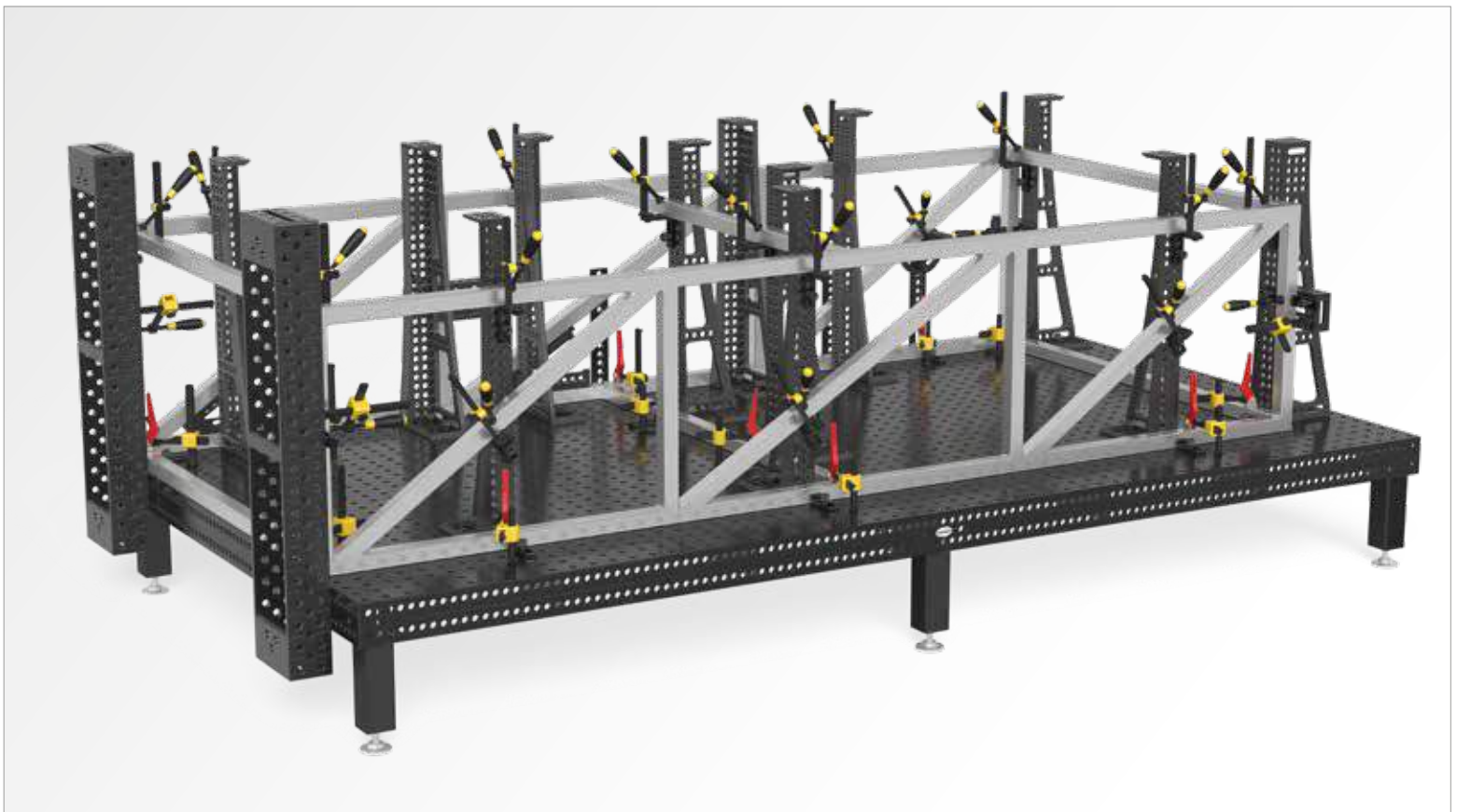
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 160630:
consisting of 1x 160634.1, 1x 160633, 1x 169108, 1x 160617.2, 1x 160662, 1x 169109, 1x 160656

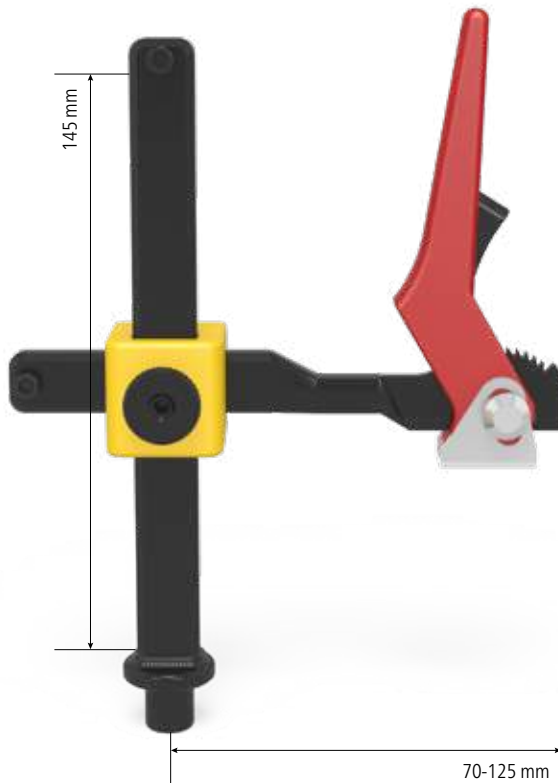


Spare parts, special sizes and parts for a individual configuration		
Threaded Arbor - for 160610, 160630, 160620, 160601, 160604 - trapezoid thread 12 x 3 mm	75 mm 2-160634.3 18,00 USD	90 mm 2-160634.1 22,00 USD
Vertical Bar - for 160630		200 mm 2-160633 28,00 USD
Bushing for Threaded Arbor - for 160630		36 mm 2-169108 4,00 USD
Cast Iron Cross - for 160630 - without handwheel		44 mm 2-160617.2 34,00 USD
Handwheel for Cast Iron Cross - for 160606, 160610, 160630		17 mm 2-160662 12,00 USD
Disc for Cast Iron Cross - for 160630 - with countersunk screw M6x20		10 mm 2-169109 6,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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



160606.S

Standard model	maximum load:	Weight:	Item No.
Professional Fast Tension Clamp	2,5 kN	0,90 kg	2-160606 ● 134.00 USD
Professional Fast Tension Clamp special size			2-160606.S ○

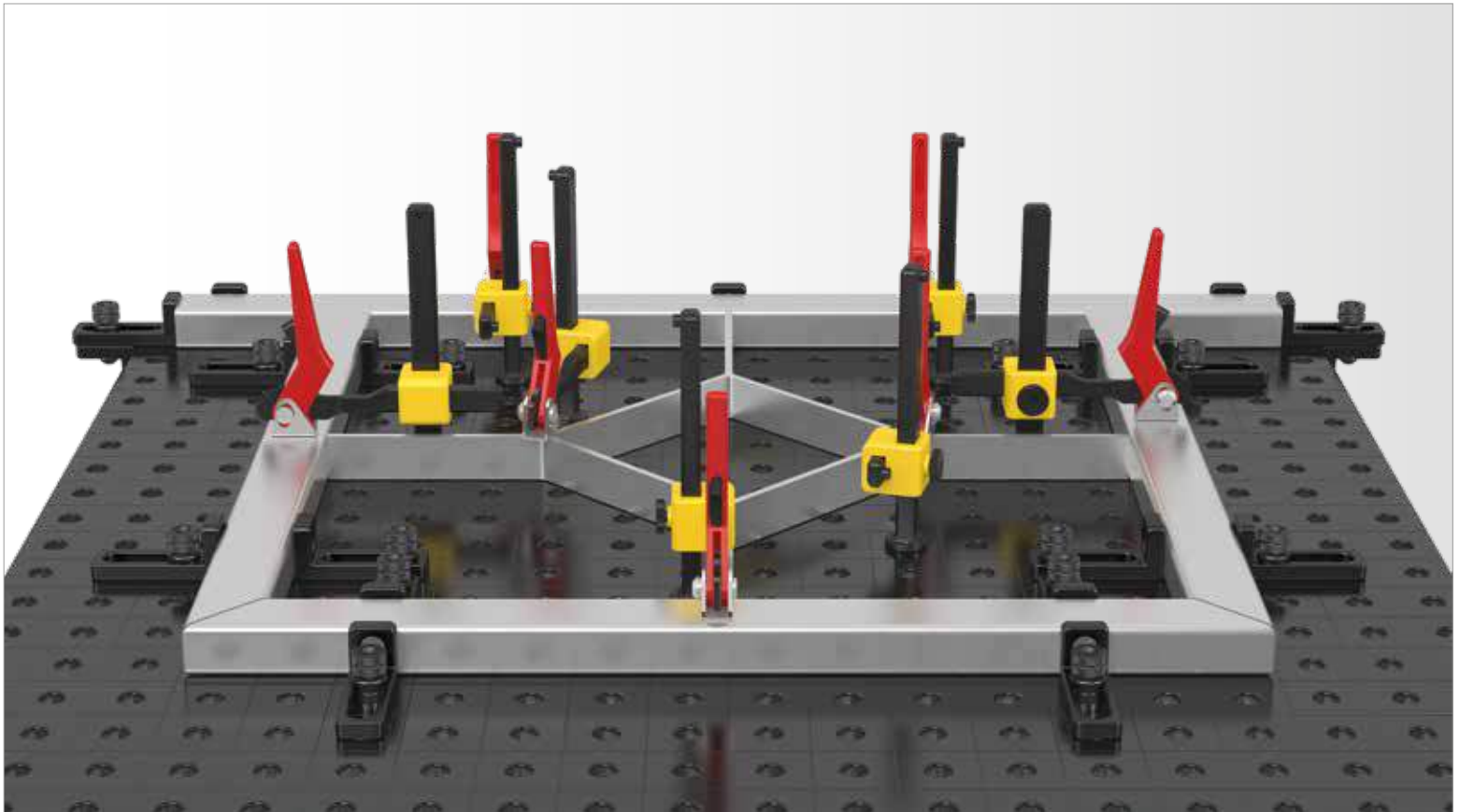
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 160606:
consisting of 1x 160637, 1x 160632.1, 1x 160617, 1x 160662

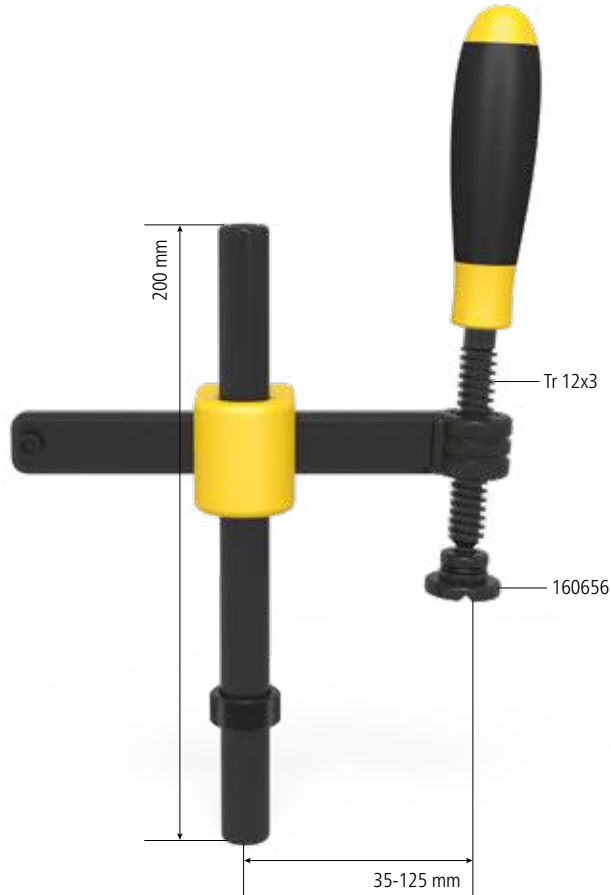


Spare parts, special sizes and parts for a individual configuration	
Horizontal Bar with Fast Clamping Function - for 160606	100 mm 2-160637 ● 88,00 USD
Vertical Bar - for 160606	150 mm 2-160632.1 ● 24,00 USD
Cast Iron Cross - for 160606, 160610 - without handwheel	42 mm 2-160617 ● 34,00 USD
Handwheel for Cast Iron Cross - for 160606, 160610, 160630	17 mm 2-160662 ● 12,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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 710.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually.

Suitable for simple clamping applications (see max. load).



160601



160601.S

Standard model	maximum load:	Weight:	Item No.
Screw Clamp with Round Pipe	1,5 kN	1,00 kg	2-160601 ● 98.00 USD
Screw Clamp with Round Pipe special size			2-160601.S ○

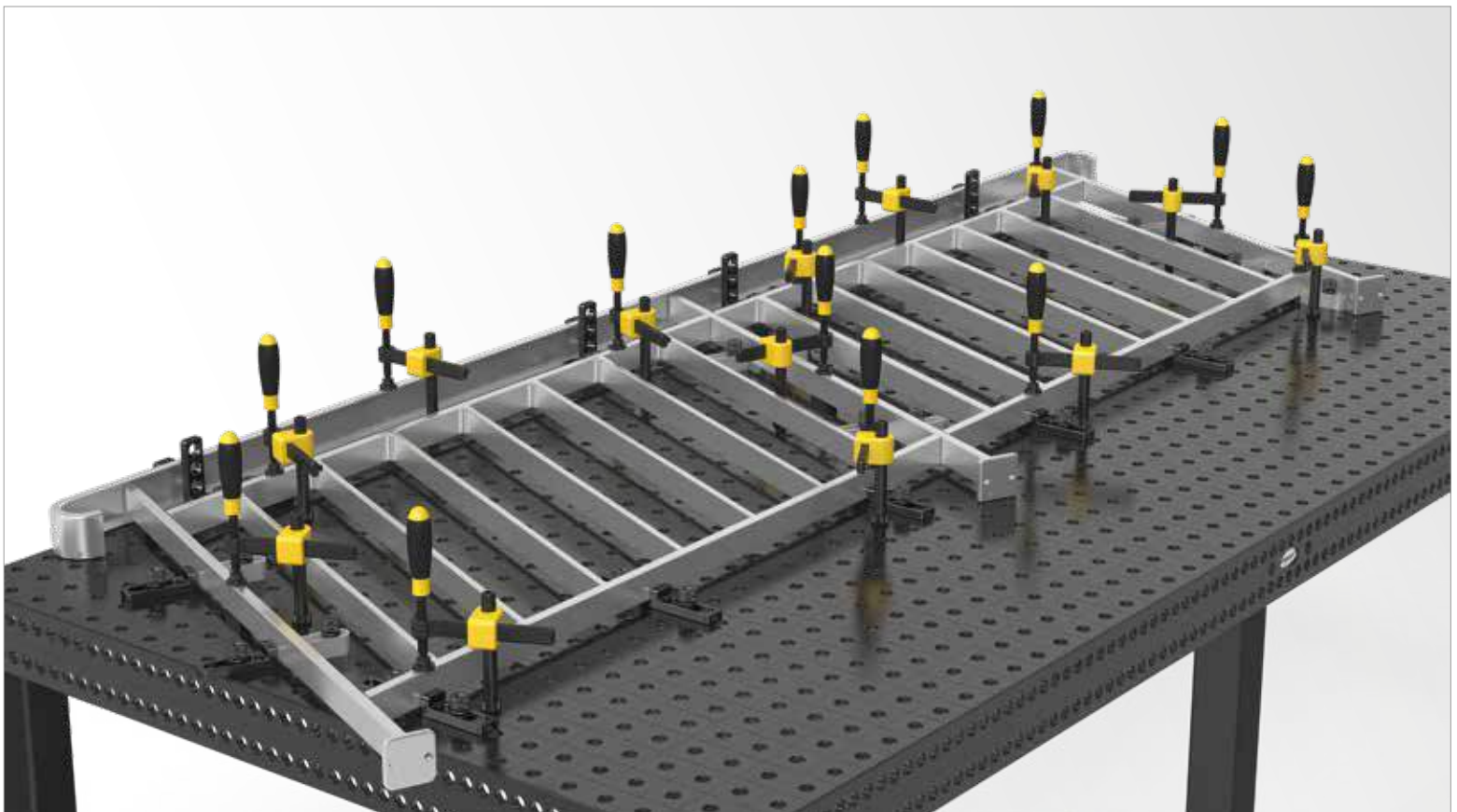
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 160601:
consisting of 1x 160634.3, 1x 160643, 1x 160642, 1x 160618.1, 1x 160617.4, 1x 160653, 1x 160656

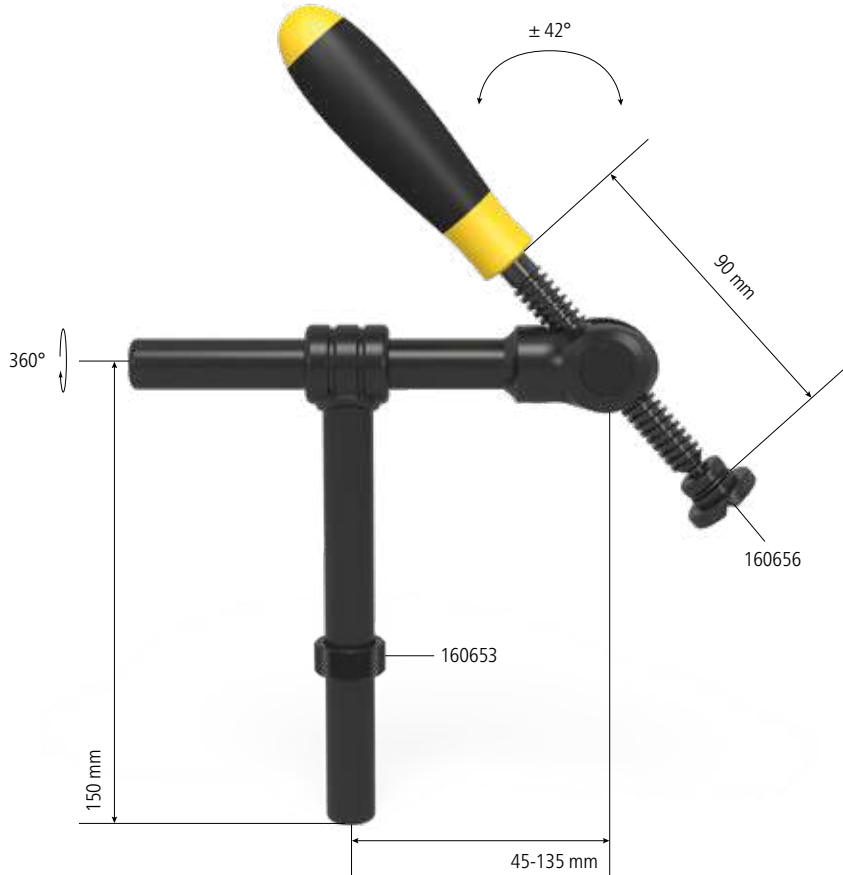


Spare parts, special sizes and parts for a individual configuration		
Threaded Arbor - for 160610, 160630, 160620, 160601, 160604 - trapezoid thread 12 x 3 mm	75 mm 2-160634.3 18,00 USD	90 mm 2-160634.1 22,00 USD
Horizontal Bar - for 160610, 160601 - without Bushing 160618.1, please order separately		150 mm 2-160643 18,00 USD
Vertical Round Pipe - for 160601		200 mm 2-160642 10,00 USD
Thread Bushing - for 160610, 160601 - Acme trapezoidal thread 12 x 3 mm for system 16 screw clamp arbor - burnished		15 mm 2-160618.1 10,00 USD
Cast Iron Cross - for 160601 - without handwheel		50 mm 2-160617.4 34,00 USD
Adjusting Ring - for 160601, 160604		2-160653 6,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Basic Pipe Clamp Universal



Description:

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 710. 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	maximum load:	Weight:	Item No.
Pipe Clamp Universal	0,6 kN	0,80 kg	2-160604 ● 104.00 USD
Pipe Clamp Universal special size			2-160604.S ○

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Standard model 160604:
consisting of 1x 160634.1, 1x 160678, 1x 160677, 1x 160679, 1x 160653, 1x 160656



160634.1



160678



160677



160679

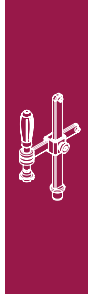
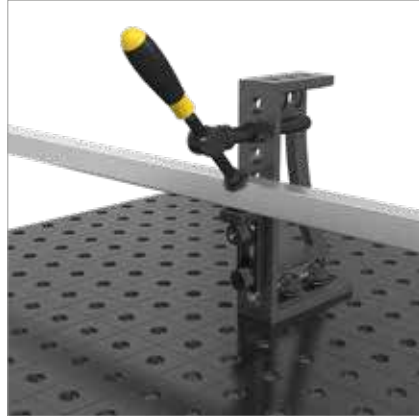
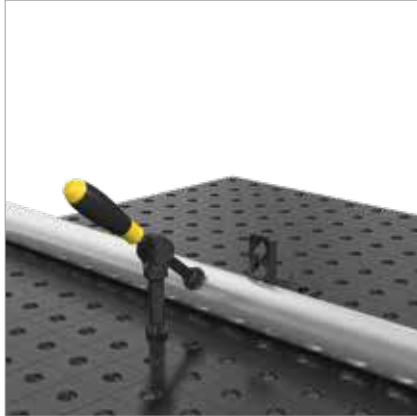
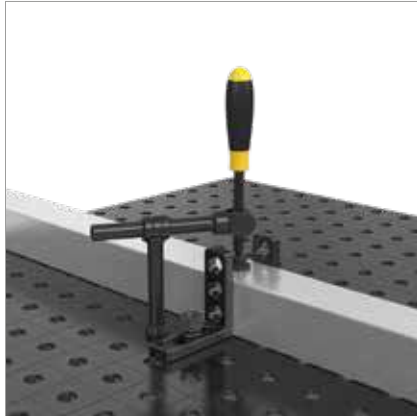


160653

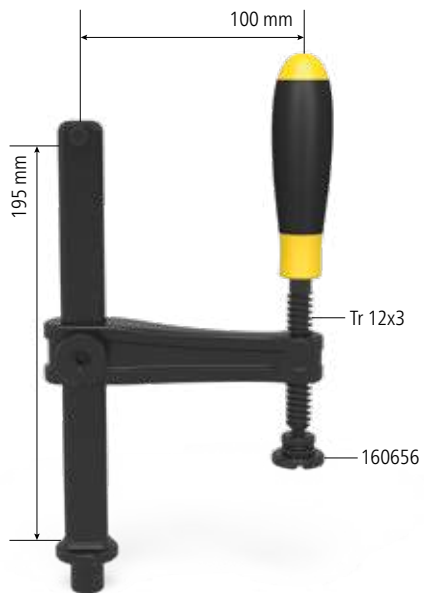
Spare parts, special sizes and parts for a individual configuration

Threaded Arbor - for 160610, 160630, 160620, 160601, 160604 - trapezoid thread 12 x 3 mm	75 mm	90 mm
	2-160634.3 ●	2-160634.1 ●
	18,00 USD	22,00 USD
Horizontal Round Pipe - for 160604	150 mm	special size
	2-160678 ●	2-160678.S ○
	38,00 USD	.
Vertical Round Pipe - for 160604 - can also be used as a horizontal brace.	150 mm	special size
	2-160677 ●	2-160677.S ○
	26,00 USD	.
Arbor Thread - for 160604		28 mm
		2-160679 ●
		10,00 USD
Adjusting Ring - for 160601, 160604		2-160653 ●
		6,00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



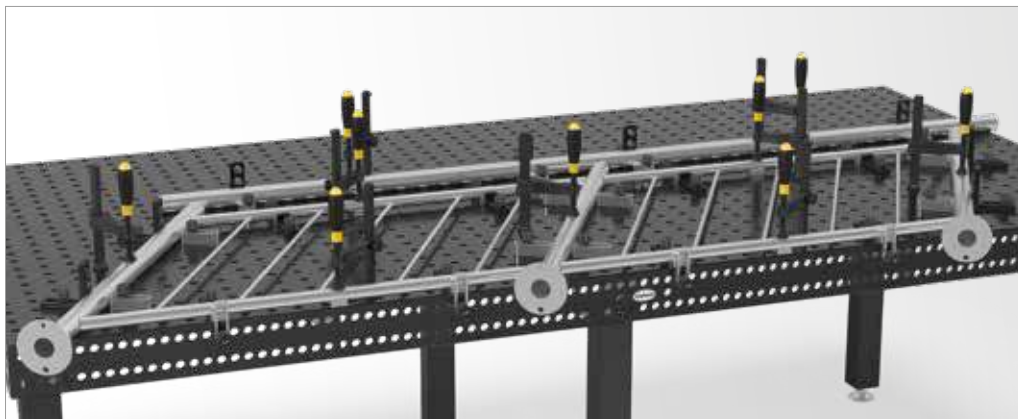
Basic Screw Clamp



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 710.



	Width: (b)	Height: (c)	maximum load	Weight:	Item No.
Basic Screw Clamp - burnished	128 mm	200 mm	2,5 kN	0,95 kg	2-160620 82.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Short Arbor

Description:

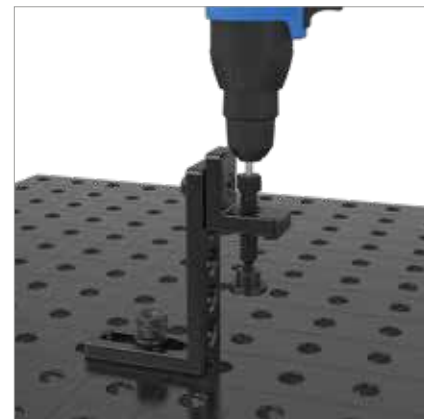
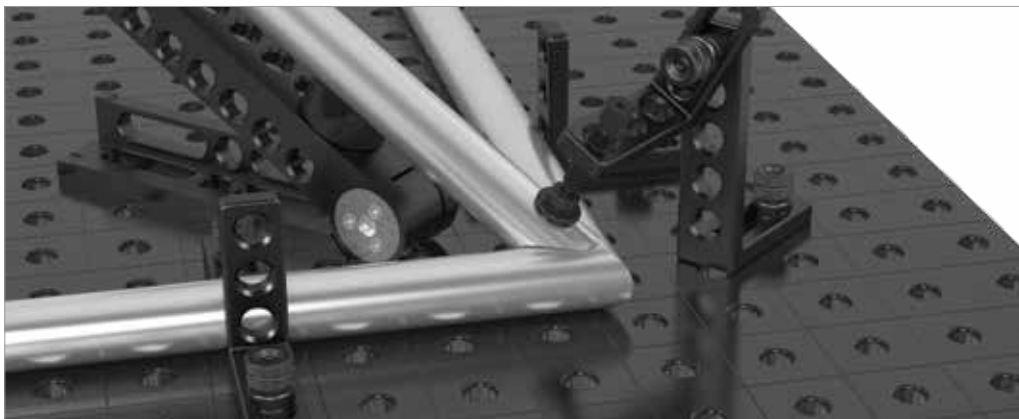
Short Arbor with Bushing and Prism, perfect for clamping workpieces, using squares or other Siegmund components. The Short Arbor was designed to enable fastening a workpiece through a 16 mm bore hole. The Short Arbor can be adjusted with an open-end wrench or a hex wrench.



160666



160618



	Height: (c)	Ø: (o)	Weight:	Item No.
Short Arbor with Bushing and Prism - burnished - trapezoid thread 12 x 3 mm	75 mm		0,10 kg	2-160666 40.00 USD ●
Thread Bushing - burnished - trapezoid thread 12 x 3 mm	10 mm	19 mm	0,01 kg	2-160618 20.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Prism for Screw Clamps

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).



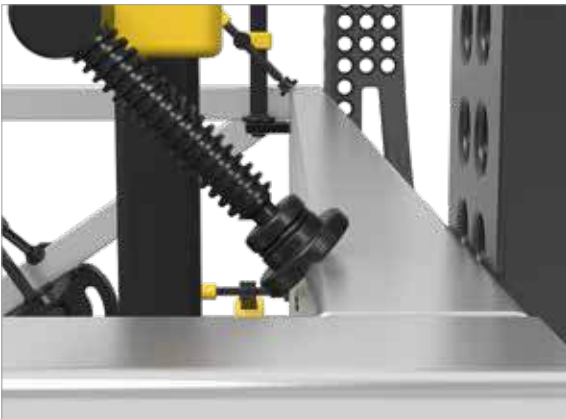
160656



160656.E



160656.PA



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism for Screw Clamps - burnished / nitrided - for Arbor with Trapezoid thread 12 x 3 mm	14 mm	25 mm	0,02 kg	2-160656 14.00 USD ●
Prism for Screw Clamps - Stainless Steel - for Arbor with Trapezoid thread 12 x 3 mm	14 mm	25 mm	0,02 kg	2-160656.E 20.00 USD ●
Prism for Screw Clamps - Polyamide - for Arbor with Trapezoid thread 12 x 3 mm	PA 14 mm	25 mm	0,01 kg	2-160656.PA 14.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 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.

The prism polyamide is only suitable for use as a prism for screw clamps.



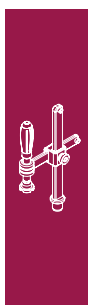
160650



160650.PA



160650.A



	Height: (c)	Ø: (o)	Weight:	Item No.
Duo Prism Ø 25 - burnished / nitrided - for Arbor with Trapezoid thread 12 x 3 mm - without O-Ring	19 mm	25 mm	0,04 kg	2-160650 • 20.00 USD
Duo Prism Ø 25 - Polyamide - for Arbor with Trapezoid thread 12 x 3 mm - without O-Ring	PA 19 mm	25 mm	0,01 kg	2-160650.PA • 20.00 USD
Duo Prism Ø 25 - Aluminum - for Arbor with Trapezoid thread 12 x 3 mm - without O-Ring	ALU 19 mm	25 mm	0,01 kg	2-160650.A • 24.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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).



160660



160660.E



160660.PA



160661





	Height: (c)	Ø: (o)	Weight:	Item No.
Pressure Ball for Screw Clamps - burnished - for Arbor with Trapezoid thread 12 x 3 mm	13 mm	20 mm	0,02 kg	2-160660 14.00 USD ●
Pressure Ball for Screw Clamps - Stainless Steel - for Arbor with Trapezoid thread 12 x 3 mm	13 mm	20 mm	0,02 kg	2-160660.E 20.00 USD ●
Pressure Ball for Screw Clamps - Polyamide - for Arbor with Trapezoid thread 12 x 3 mm	PA 13 mm	20 mm	0,01 kg	2-160660.PA 16.00 USD ●
Pressure Ball Blank for Screw Clamps - burnished - trapezoid thread 12 x 3 mm - according to customer specifications	25 mm	25 mm	0,07 kg	2-160661 24.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







Page 718
**Vario Prism Ø 50 90°/120°
 with screwed-in collar**



Page 718
**Vario Prism Ø 50 90°/120°
 with screwed-in collar**



Page 718
**Vario Prism Ø 50 90°/120°
 with screwed-in collar**



Page 719
**Prism Ø 80 120°
 with screwed-in collar**



Page 719
**Prism Ø 80 120°
 with screwed-in collar**



Page 719
**Prism Ø 80 120°
 with screwed-in collar**



Page 720
Prism Extension 50



Page 720
Prism Extension 100



Page 720
Prism Collar Screw



Page 720
Special screw



Page 721
Screw Support Ø 50



Page 722
Set of Supports 7 pieces



Page 723
Clamping Cone



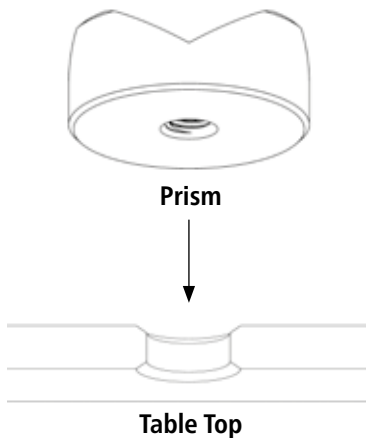
Page 724
Support height adjustable with scale



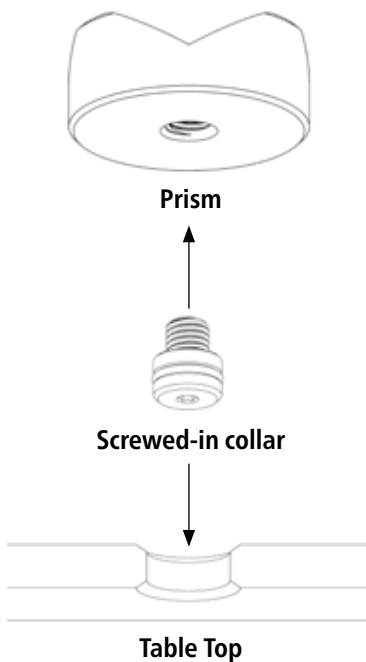
Prisms & Supports

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 special screw.



OR ALTERNATIVELY:



VARIO PRISM Ø 50 90° / 120°

Page 718

STYLES

Burnished
Aluminum
Polyamide

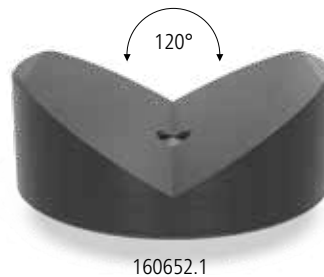


PRISM Ø 80 120°

Page 719

STYLES

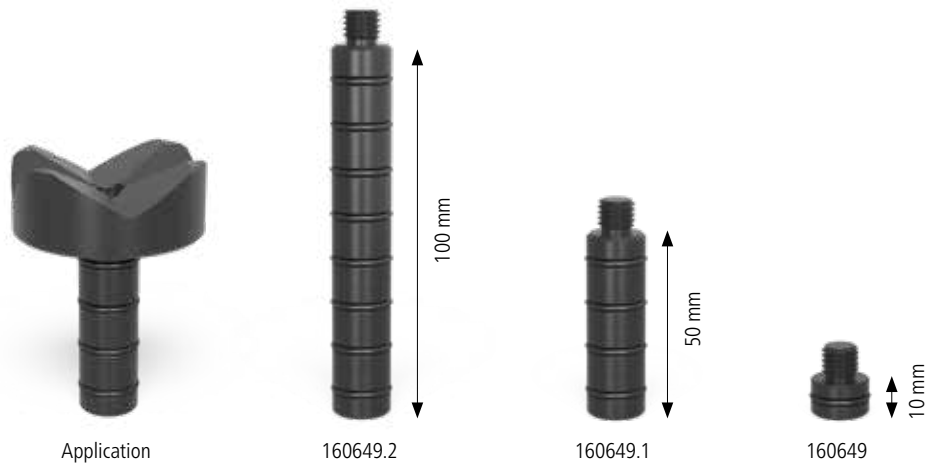
Burnished / nitrided
Aluminum
Polyamide



PRISM EXTENSION

Page 720

It can be quickly and securely screwed into all Prisms.





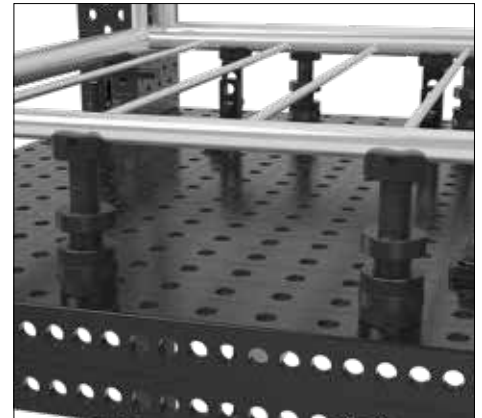
WITH COLLAR IN BORE HOLE

Prism with collar is applicable for all System 16 boreholes, and provides 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.



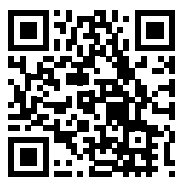
WITH PRISM EXTENSION

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.com/
V160645](http://www.siegmund.com/V160645)



Vario Prism Ø 50 90°/120° with screwed-in collar



160645.1



160645.1.A



160645.1.PA



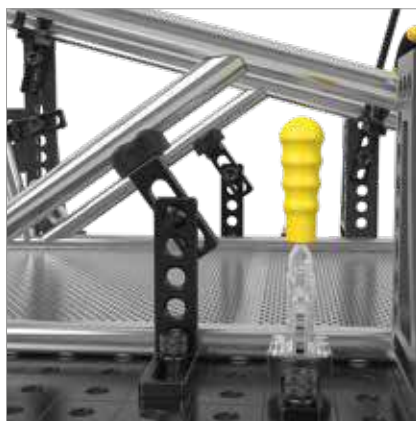
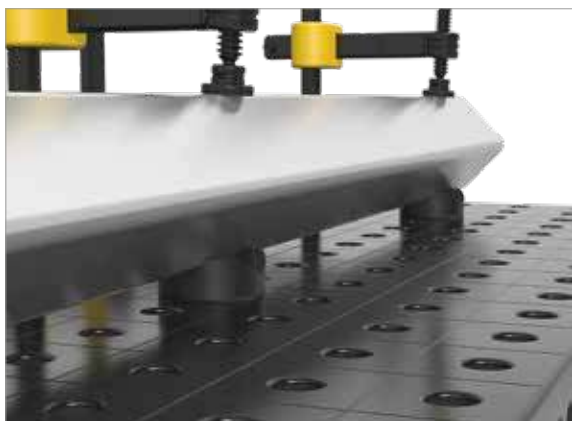
160641

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.
Vario Prism Ø 50 90°/120° with screwed-in collar - burnished - M10 thread for example prism extensions Item No. 160649	20 mm	50 mm	0,21 kg	2-160645.1 62.00 USD
Vario Prism Ø 50 90°/120° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 160649	ALU 20 mm	50 mm	0,07 kg	2-160645.1.A 84.00 USD
Vario Prism Ø 50 90°/120° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 160649	PA 20 mm	50 mm	0,03 kg	2-160645.1.PA 80.00 USD
Vario Prism Ø 50 90°/120° without collar - burnished - Prism can be fastened with bolts	35 mm	50 mm	0,39 kg	2-160641 64.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

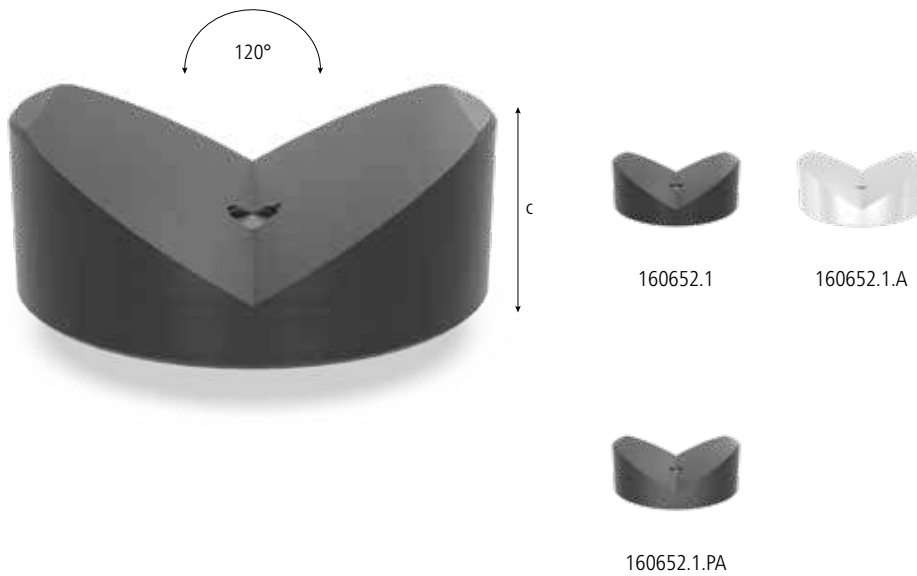
Prism Ø 80 120° with screwed-in collar

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.
Prism Ø 80 120° with screwed-in collar - burnished / nitrided - M10 thread for example prism extensions Item No. 160649	30 mm	80 mm	0,77 kg	2-160652.1 68.00 USD ●
Prism Ø 80 120° with screwed-in collar - Aluminum - M10 thread for example prism extensions Item No. 160649	ALU 30 mm	80 mm	0,77 kg	2-160652.1.A 104.00 USD ●
Prism Ø 80 120° with screwed-in collar - Polyamide - M10 thread for example prism extensions Item No. 160649	PA 30 mm	80 mm	0,77 kg	2-160652.1.PA 104.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Prism Extension



160649.1

160649.2



160649



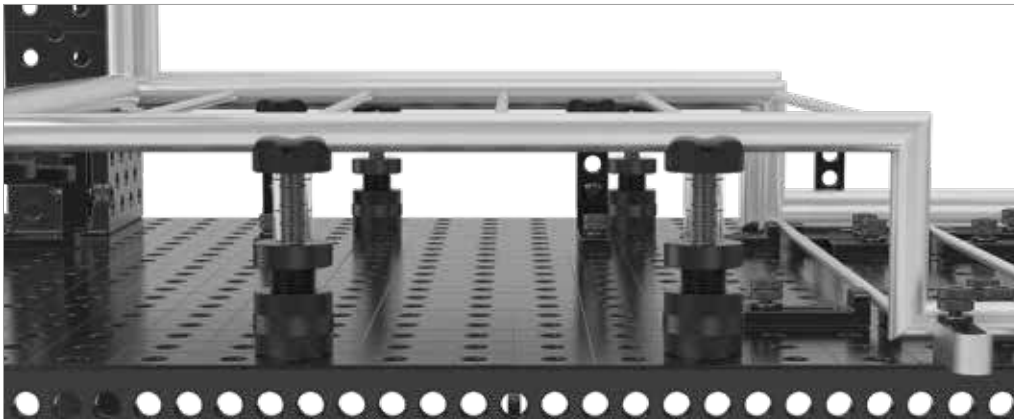
160649.0

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. 160821).

With the screw support (Item No. 160822) an infinitely variable positioning is possible.

Due to the thread, the Prism Extension can be bolted to other extensions or attached to a custom construction.



	Length: (a)	Ø: (o)	Weight:	Item No.
Prism Extension 50 - burnished	50 mm	16 mm	0,08 kg	2-160649.1 ● 30.00 USD
Prism Extension 100 - burnished	100 mm	16 mm	0,15 kg	2-160649.2 ● 38.00 USD
Prism Collar Screw - burnished	10 mm	16 mm	0,02 kg	2-160649 ● 12.00 USD
Special screw - for prisms system 16	10 mm	16 mm	0,02 kg	2-160649.0 ● 12.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Upon request, all parts are available in aluminum or polyamide version.

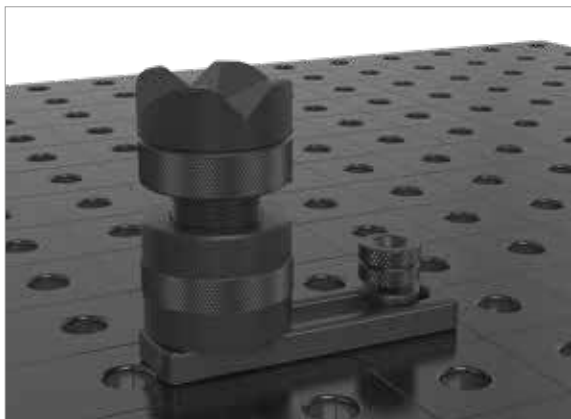
Screw Support

Description:

Screw Support, especially intended for vernier adjustments ranging from 55-75 mm. Height compensation can be substantially increased by using prism extensions and the set of supports.



160822



Screw Support Ø 50
- burnished

Height: (c)	Ø: (o)	Weight:	Item No.
55-75 mm	50 mm	0,71 kg	2-160822 ● 56.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Set of Supports 7 pieces

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.



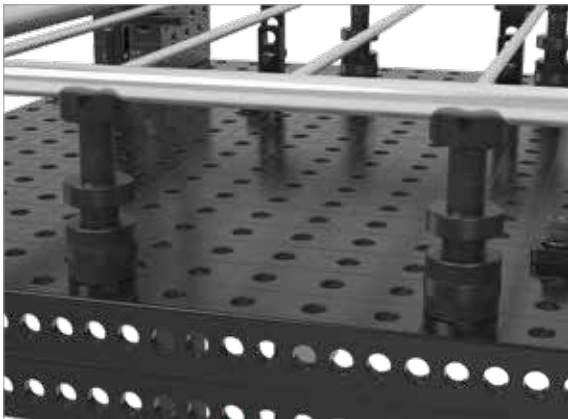
160821



160821.1



160821.2



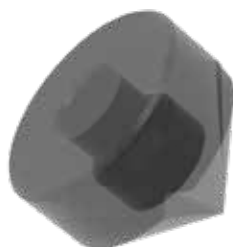
	Height: (c)	Ø: (o)	Weight:	Item No.
Set of Supports 7 pieces - burnished	65 mm	25 mm	0,17 kg	2-160821 64.00 USD ●
Tower for Supports - burnished	65 mm	25 mm	0,09 kg	2-160821.1 32.00 USD ●
Washer Set - gradation of discs: 1 / 2 / 3 / 5 mm 10 / 20 mm		25 mm	0,08 kg	2-160821.2 32.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

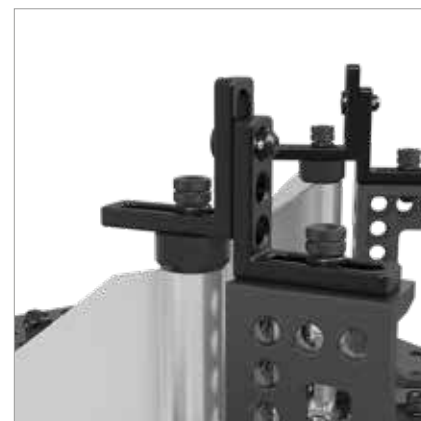
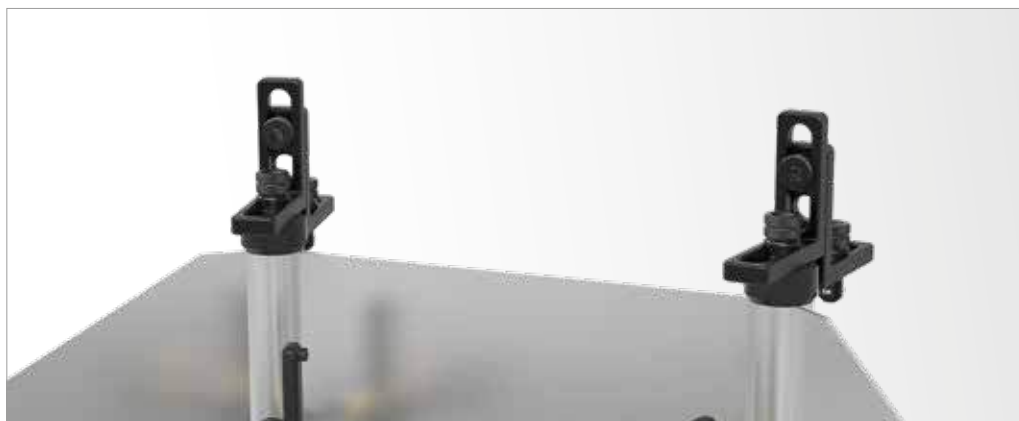
Clamping Cone

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.



160670



Clamping Cone - burnished / nitrided	Height: (c)	Ø: (o)	Weight:	Item No.
	40 mm	45 mm	0,26 kg	2-160670 26.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Upon request, all parts are available in aluminum or polyamide version.

Support height adjustable with scale

Description:

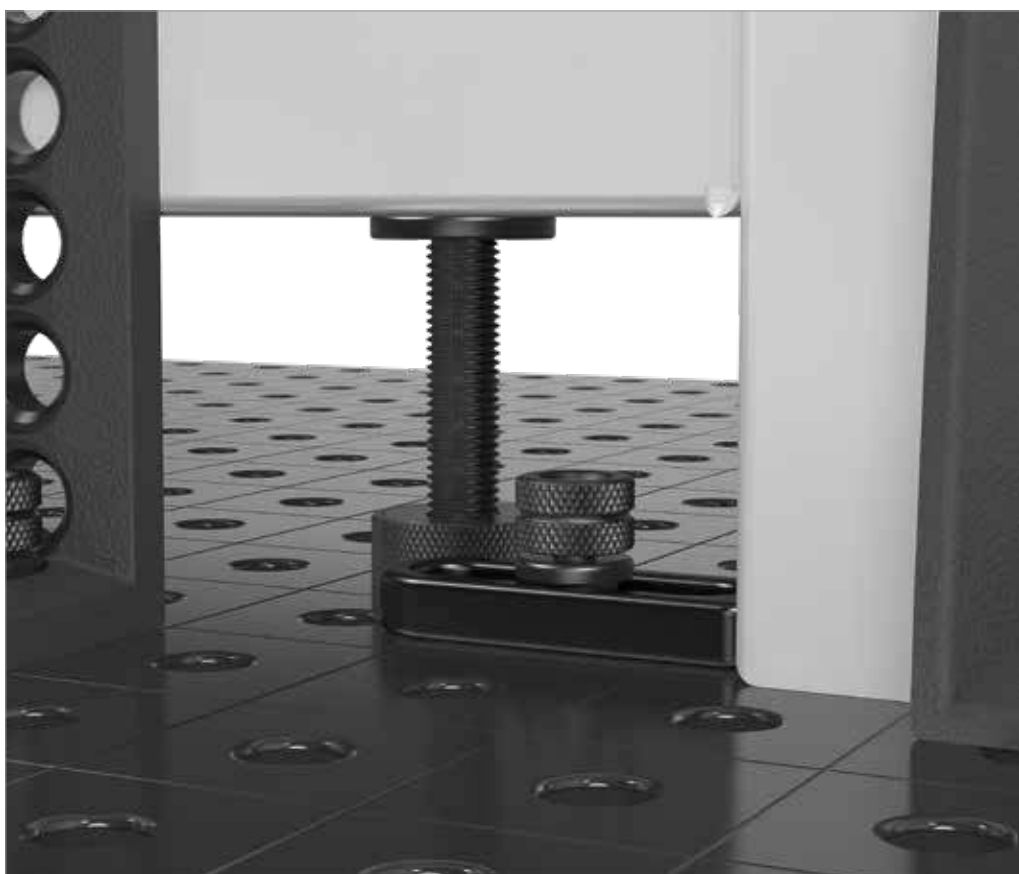
The height adjustable Support with scale offers a solid support surface and can be used in all system bore holes.

The height can be adjusted steplessly in the range of 20 – 105 mm by regulating the adjusting ring and the locknut. Due to the fine scaling, the height can be adjusted accurate to the millimetre.

Available from 01.04.2019.



160824



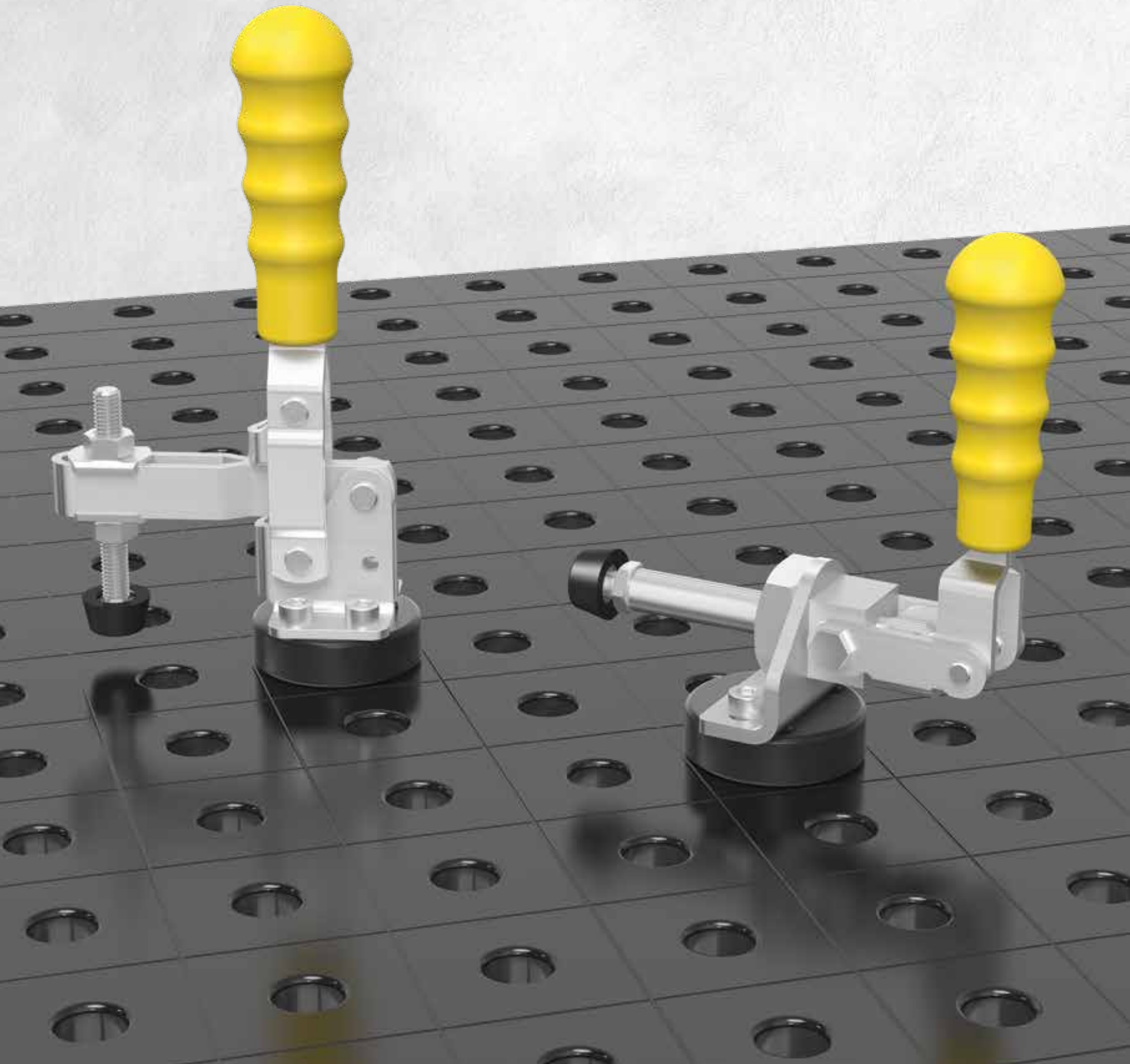


Support height adjustable with scale
- incl. Setscrew

Length: (a)	Ø: (o)	Weight:	Item No.
125 mm	40 mm	0,33 kg	2-160824 • 70.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84







Page 728
**Vertical Toggle Clamp
with Adapter**



Page 729
**Horizontal Toggle Clamp
with Adapter**



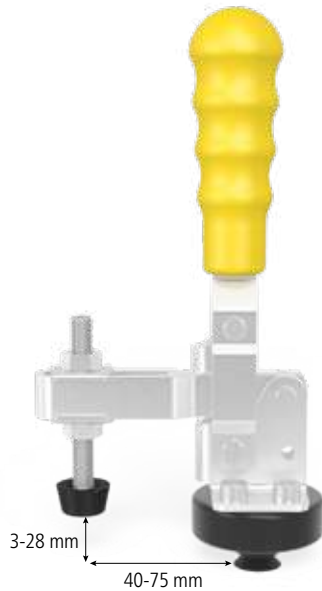
Page 730
**Adapter with Hole Pattern
Ø 48 / 15 for Toggle Clamp**



Page 730
**Adapter Blank without Hole Pattern
Ø 48 / 15 for Toggle Clamp**

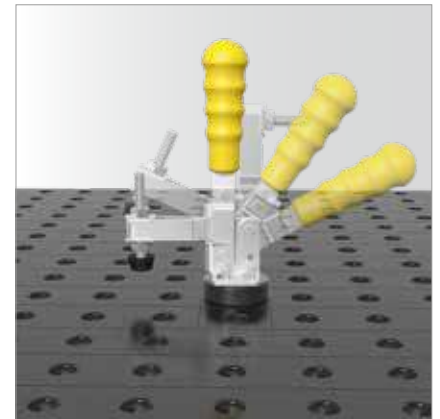
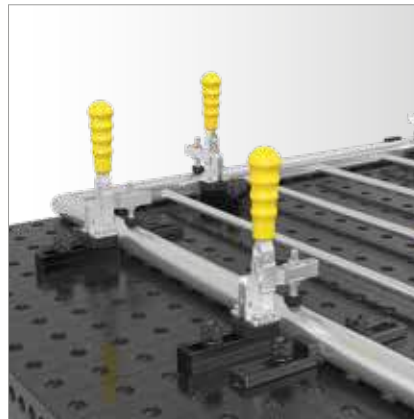


Vertical Toggle Clamp with Adapter



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.N).

The Adapter is replaceable. Further sizes see page 730.

Further Quick-Change Clamps can be found on the Internet at www.siegmund.com

Vertical Toggle Clamp with Adapter
- Adapter 160715

Vertical Toggle Clamp

Weight:	Item No.
0,95 kg	2-160705 ●
	68.00 USD
0,39 kg	2-009082 ●
	44.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

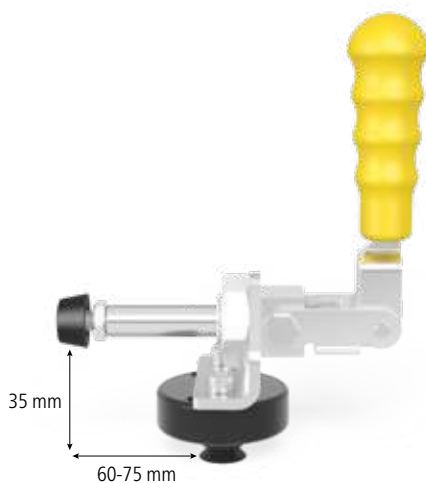
Horizontal Toggle Clamp with Adapter

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.N).

The Adapter is replaceable. Further sizes see page 730.

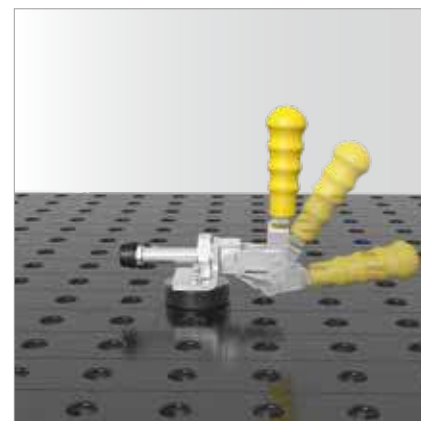
Further Quick-Change Clamps can be found on the Internet at www.siegmund.com



160710



009083



Horizontal Toggle Clamp with Adapter
- Adapter 160715

Weight: **Item No.**

0,91 kg **2-160710** ●
74.00 USD

Horizontal Toggle Clamp

0,40 kg **2-009083** ●
50.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Adapter with Hole Pattern / Adapter Blank without Hole Pattern

Description:

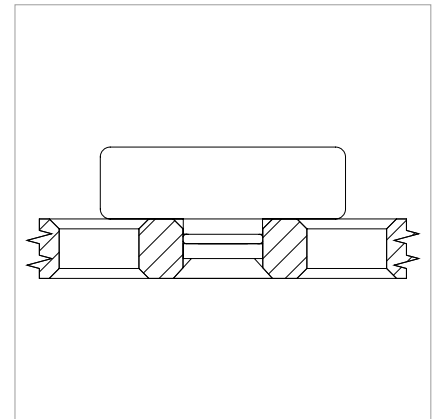
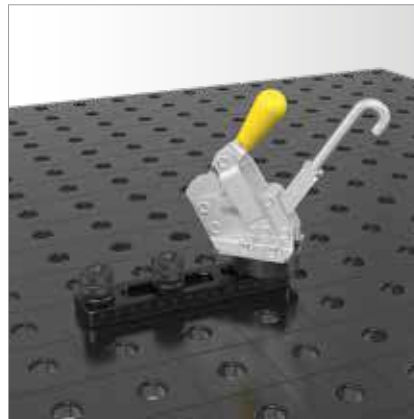
Adapter with Hole Pattern, universally usable in all 16 mm bore holes. With the integrated O-ring maximum fitting accuracy is achieved.



160715



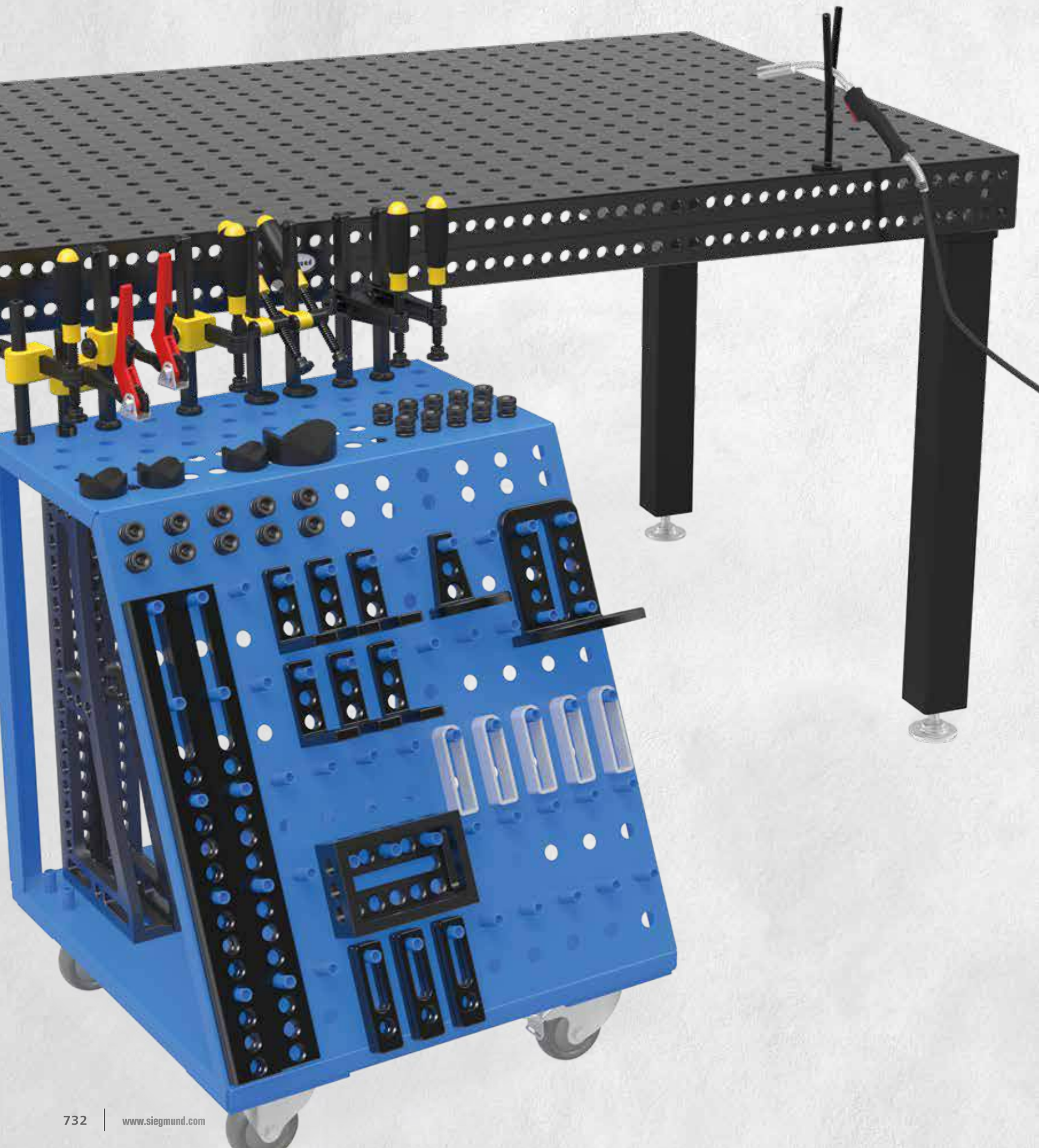
160720



	Height: (c)	Ø: (o)	MS: (d)	Weight:	Item No.
Adapter with Hole Pattern Ø 48 / 15 - for Toggle Clamp - burnished	22 mm	48 mm	15 mm	0,20 kg	2-160715 24.00 USD ●
Adapter Blank without Hole Pattern Ø 48 / 15 - for Toggle Clamp - burnished	22 mm	48 mm	15 mm	0,25 kg	2-160720 24.00 USD ●

MS=Material thickness; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



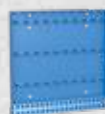




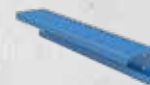
Page 734
Sub Table Box for System 16



Page 736
Tool Cart



Page 737
Toolwall



Page 738
Module for Tool Wall with Sleeves



Page 739
Protective Welding Wall



Page 740
Brush Ø 17 with protecting cover



Page 741
Burner Holder



Page 742
Hex wrench 4



Page 743
Ground Connection Comfort



Page 744
Standard bench vice 100 for System 16



Page 744
Premium bench vice 100 for System 16 / 22 / 28



Page 744
Standard bench vice 125 for System 16 / 22 / 28



Page 744
Premium bench vice 125 for System 16 / 22 / 28



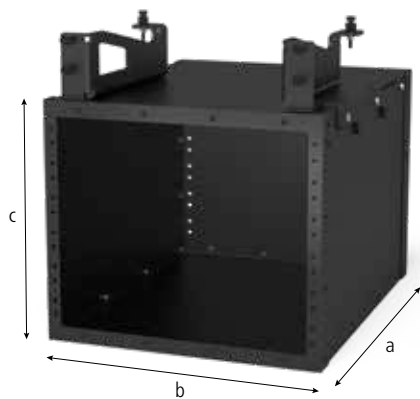
Page 746
Shipping Bracket with Fastening Plate 700 kg load-bearing capacity



Page 746
Shipping Bracket nitrided



Sub Table Box



160900



161900



004200



004205



004210



004215

Description:

Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

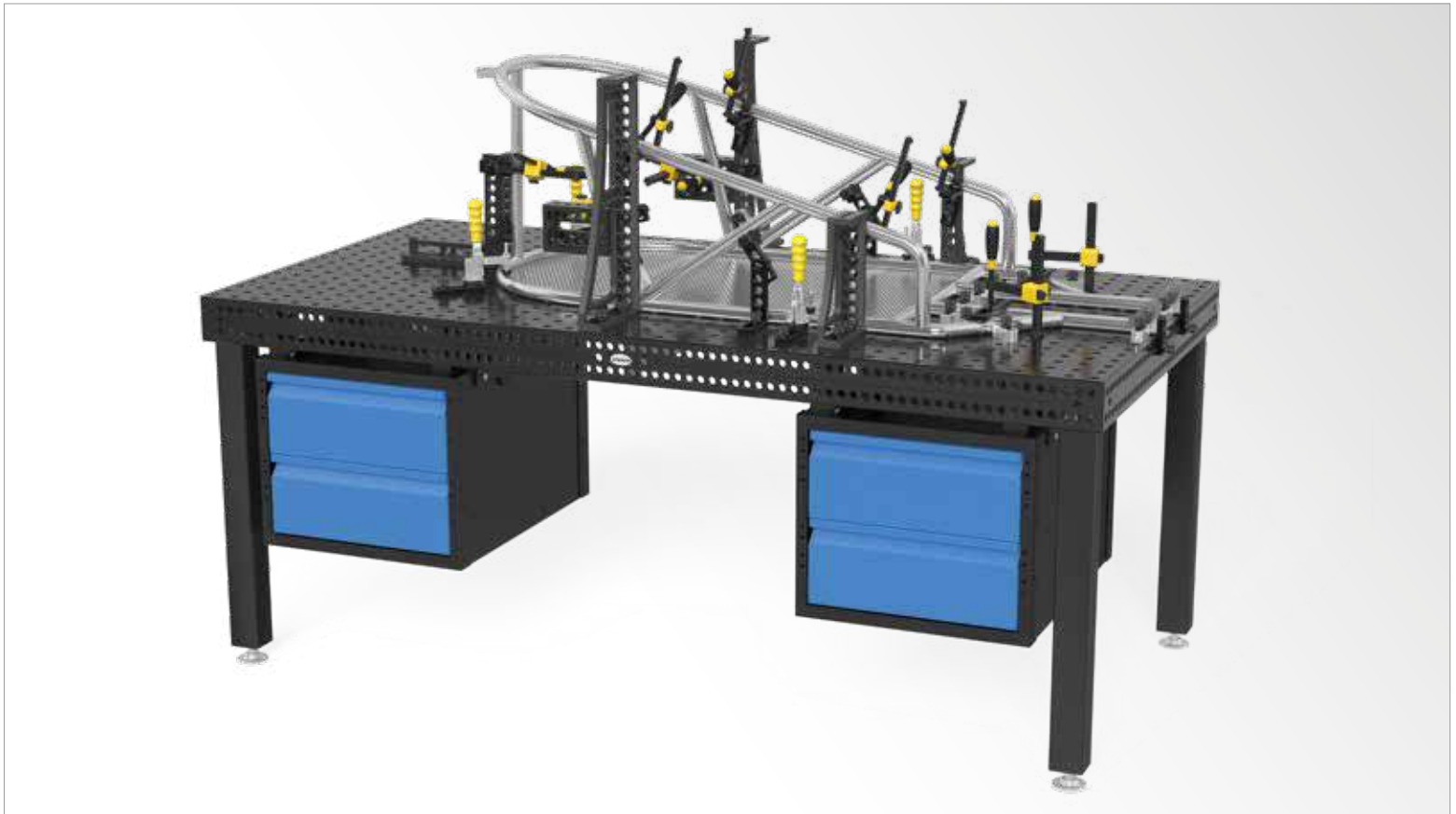
The ST Box has a total maximum load capacity of approx. 100 kg. Each drawer carries a maximum load of approx. 50 kg.

The totally enclosed design protects the drawer contents from dirt and weld spatters.

Regardless of table size and ribbing, the ST Box can be attached to every Siegmund welding table.

Self assembly instructions are provided and you can easily attach the assembled ST Box to your welding table.





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Sub Table Box for System 16 - varnished	630 mm	510 mm	420 mm	34,76 kg	2-160900 534.00 USD ●
Sub Table Box for System 16 Basic - varnished	630 mm	510 mm	420 mm	34,53 kg	2-161900 534.00 USD ●
Drawer 60 mm	590 mm	400 mm	60 mm	7,10 kg	2-004200 216.00 USD ●
Drawer 120 mm	590 mm	400 mm	120 mm	8,70 kg	2-004205 248.00 USD ●
Drawer 180 mm	590 mm	400 mm	180 mm	9,10 kg	2-004210 266.00 USD ●
Drawer 240 mm	590 mm	400 mm	240 mm	9,50 kg	2-004215 284.00 USD ●

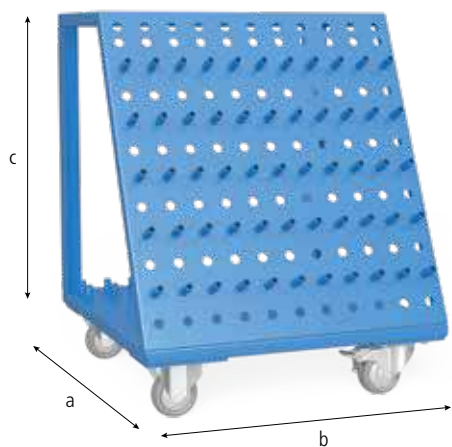
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



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.



160910



Tool Cart
 - varnished
 - Max. total weight 240 kg

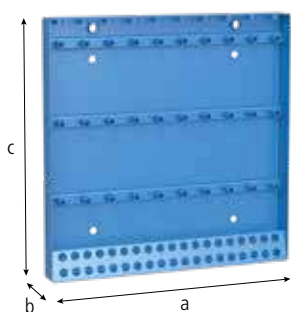
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
555 mm	560 mm	680 mm	30,00 kg	2-160910 918.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Toolwall

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 376.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



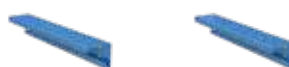
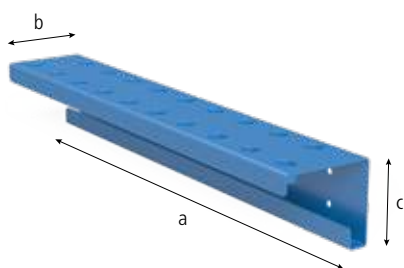
Modular Tool Panel

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.

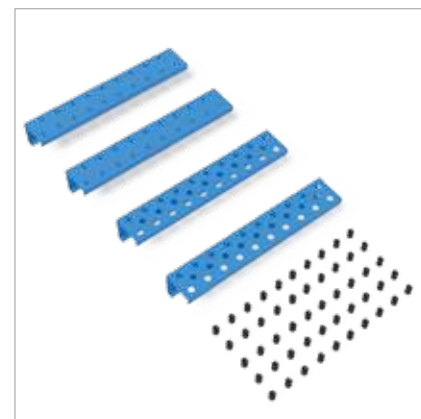
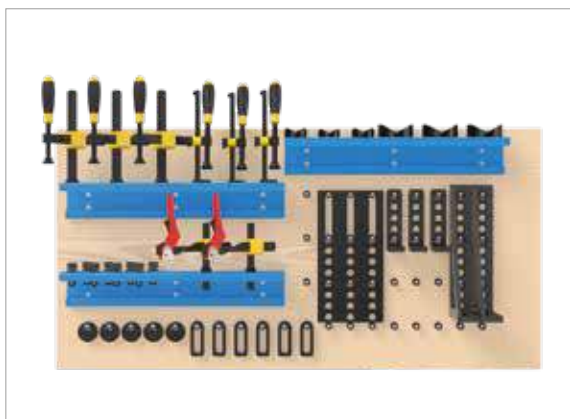


160930

160931



160936



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Module for Tool Wall with Sleeves - varnished	500 mm	80 mm	90 mm	16 mm	1,90 kg	2-160930 110.00 USD ●
Module for Tool Wall without Sleeves - varnished	500 mm	80 mm	90 mm	16 mm	1,60 kg	2-160931 78.00 USD ●
Pin for Toolwall - burnished - pack of 10	22 mm			16 mm	0,01 kg	2-160936.10 22.00 USD ●
Set Module for Tool Wall - consisting of 2x 160930, 2x 160931, 5x 160936.10						2-160930.Set 398.00 USD ●

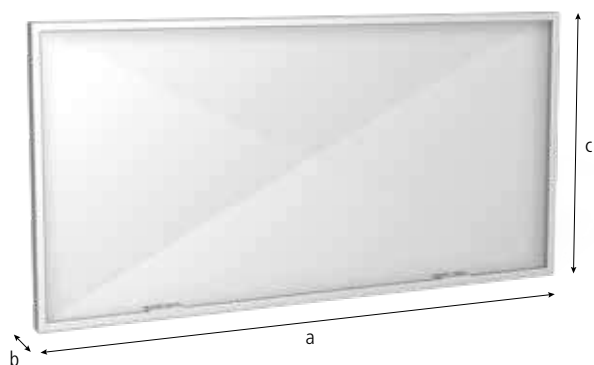
● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

Protective Welding Wall

Description:

Protective Welding Wall, enables dividing the table into two workspaces. Position and size of workspaces are determined by individual requirements.

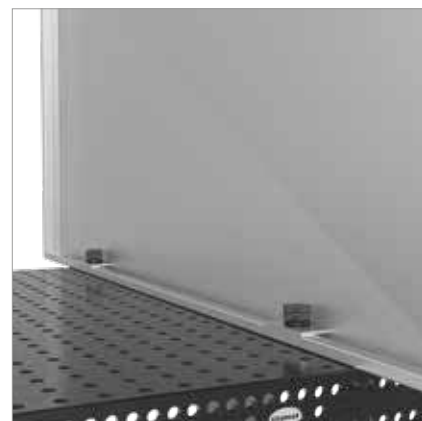
The Protective Wall protects workspaces that are located next to each other from welding spatters. The Protective Wall is made of zinc coated sheet and is attached with two bolts. (The Protective Welding Wall is not scratch-proof due to production-related reasons).



280980



000520



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Protective Welding Wall - Custom color varnish available against surcharge	1600 mm	50 mm	800 mm		23,00 kg				2-280980 288.00 USD ●
Combination Fast Clamping Bolt short 28 -> 16 - burnished	75 mm			40 mm	0,32 kg	55,00 kN	10,00 Nm	10,00 kN	2-000520 84.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Brush

Description:

Brush with a diameter of 17 mm, especially developed for removing grime in 16 mm bore holes effortlessly.



160820

160820.10



	Ø: (o)	Weight:	Item No.
Brush Ø 17 with protecting cover - with protecting cover	17 mm	0,05 kg	2-160820 ● 26.00 USD
Brush Ø 17 for drill bit / 10 piece pack	17 mm	0,05 kg	2-160820.10 ● 96.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 • 36.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Hex wrench

Description:

Hex wrench 4, the practical tool to tighten bolts quickly and safely.
The hex wrench 4 is perfect for clamping of clamping bolts and screw clamps.



160852



Hex wrench 4
- yellow

Weight:

0,06 kg

Item No.

2-160852
18.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

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 mm².



000810



Ground Connection Comfort

Weight:	Item No.
0,66 kg	2-000810 ●
	74.00 USD

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Bench vice

Description:

The basic equipment of each workshop is a reliable bench vice. Our Siegmund bench vice offers improved productivity.

To attach the bench vice to the table, fast clamping bolts and if necessary, reduction bushings are required.



164301



004300



004303



004302





	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Standard bench vice 100 for System 16 - with 16 mm bore holes - Span width 120 mm			5,00 kg				2-164301 202.00 USD ●
Premium bench vice 100 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 83 mm			14,00 kg				2-004300 264.00 USD ●
Standard bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			14,00 kg				2-004303 320.00 USD ●
Premium bench vice 125 for System 16 / 22 / 28 - with 28 mm bore holes - Span width 150 mm			19,40 kg				2-004302 414.00 USD ●
Fast Clamping Bolt short - for clamping 2 components - burnished - with screw top	53 mm	16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160510 58.00 USD ●
Reduction Bushing 28 -> 16 - burnished	29 mm	36 mm	0,07 kg				2-000546 22.00 USD ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force; ● = Item produced for stock; ○ = Item produced on order; Explanations see page 84



Shipping Bracket

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.

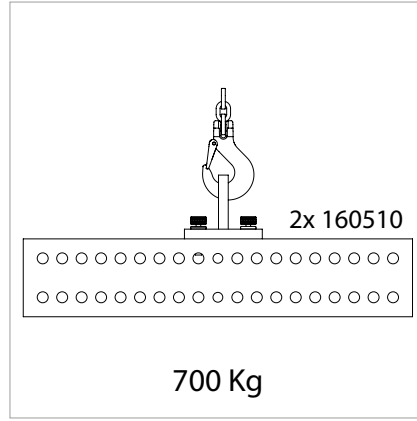
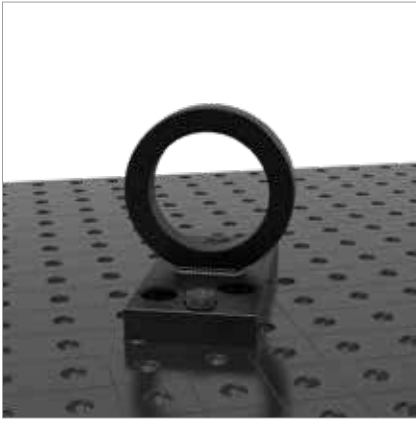
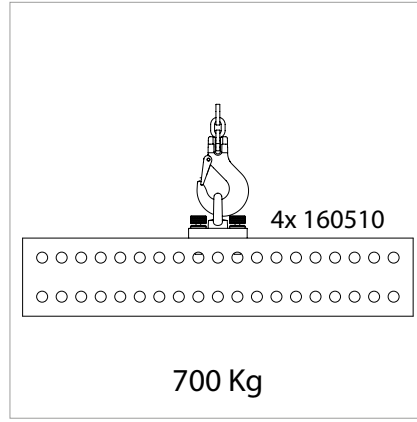
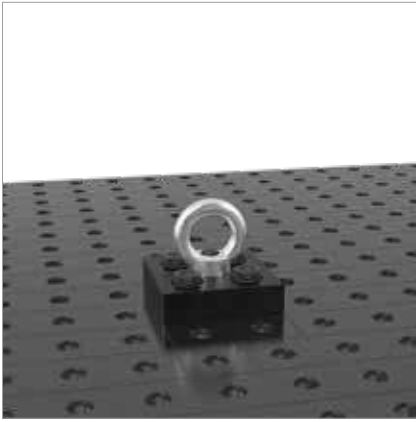
Please consider following safety instructions:
Ring nuts should be completely bolted.
Ring nuts should bear flat and completely on support surface. Length of mating thread has to be sufficient.
Lateral pull should be avoided.






160830

000835.N





	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Shipping Bracket with Fastening Plate - 700 kg load-bearing capacity (with 4x 160510)	100 mm	100 mm	25 mm	1,70 kg	2-160830 96.00 USD ●
Shipping Bracket nitrided - 2500 kg load-bearing capacity (with 2x 280510) - 1000 kg load-bearing capacity (with 2x 002822) - 700 kg load-bearing capacity (with 2x 160510)	   200 mm	100 mm	165 mm	4,50 kg	2-000835.N 158.00 USD ●

● = Item produced for stock; ○ = Item produced on order; Explanations see page 84

not allowed for 160055 (4000x2000x100 mm)







Page 752
Roto-Positioner RP 2000

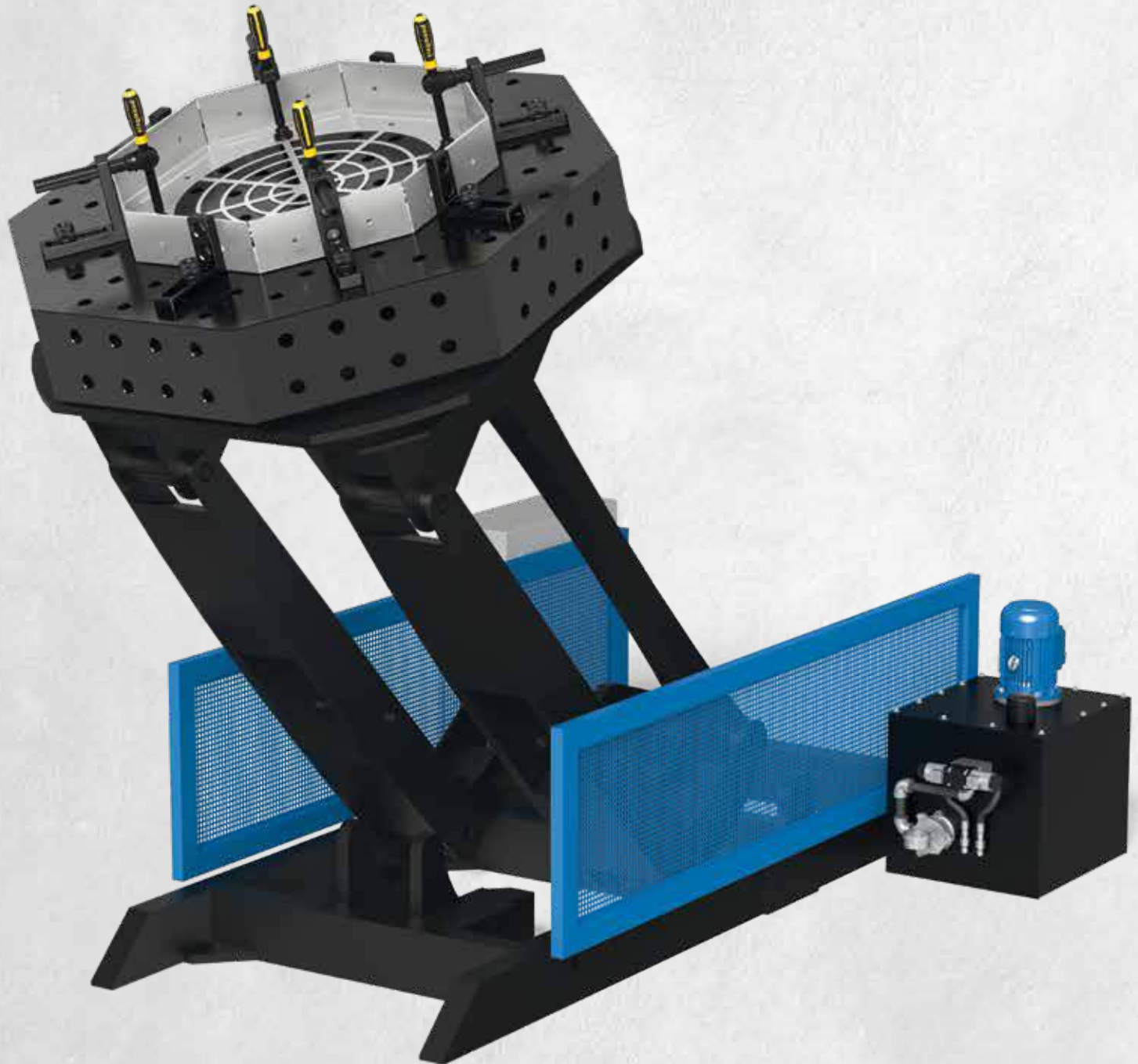


Page 756
Synchrolift SL 4000



Page 760
M-Positioner MP 1500





Siegmund Roto-Positioner



Your advantages

The Siegmund Roto-Positioner is ideal for welding, assembly and maintenance work. Positioning happens via hydraulic rotary and tilt function. In addition the Roto-Positioner is equipped with an infinitely variable height adjustable axis.

Available in three different sizes with load capacities of 1.250 kg, 2.000 kg, 3.000 kg and 4.500 kg. Custom sizes available on request.

After power connecting the device is ready for use immediately.

PRODUCTIVITY

- Rapid alignment of workpieces
- Optimum ergonomic positioning offers maximum productivity
- One set-up for lifting, tilting and rotating
- Reduced down time

ERGONOMICS

- Convenient access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

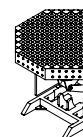
- Improved quality with flexible positioning (flat position)
- Improved quality through maximum access

TECHNICAL CHARACTERISTICS

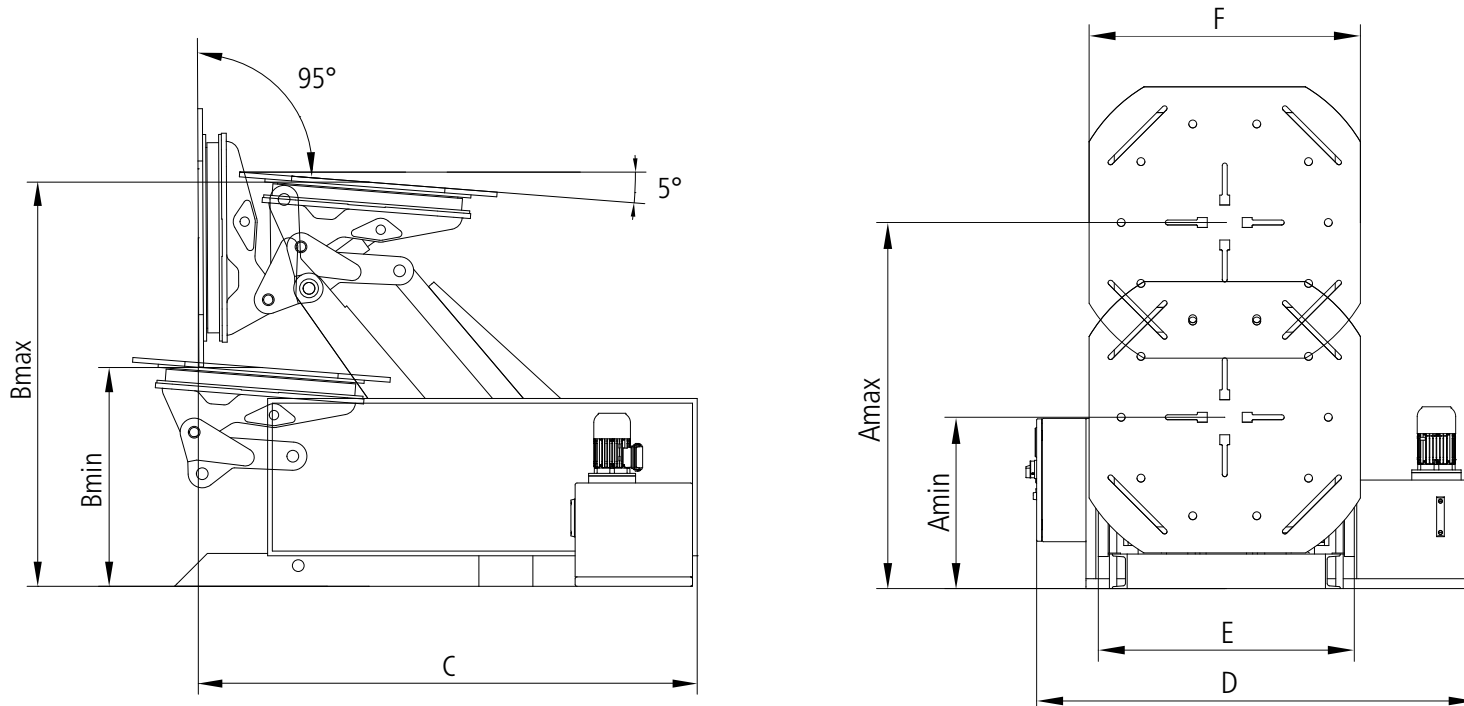
- Incl. manual control (wired), additional controls available for an extra charge
- Hydraulic rotation of the clamping plate
- Tilting range up to 95° (optional up to 140°)
- Hydraulic height adjustment and tilt function

FURTHER DETAILS

- Large working area, low design height
- Optional rotatable ground connection
- Optional rotation of the clamping plate with electric drive (still hydraulic height adjustment and tilt function)



Siegmund Roto-Positioner



Technical details

	RP 1250	RP 2000	RP 3000	RP 4500
Weight Positioner (without table top)	approx. 685 kg	approx. 855 kg	approx. 1.305 kg	approx. 2.600 kg
Max. load-bearing capacity *	1.250 kg	2.000 kg	3.000 kg	4.500 kg
Table revolutions per minute (hydraulic)	2,0	1,7	1,5	-
Table revolutions per minute (electric)	0 - 2	0 - 2	0 - 2	0 - 1,5
Max. turning moment table	490 Nm	1.250 Nm	1.960 Nm	5.300 Nm
Tilt angle	95°	95° (Alternatively 140°)	95° (Alternatively 140°)	95° (Alternatively 140°)
Tilting effect	4.900 Nm	7.850 Nm	11.750 Nm	21.200 Nm
A - Vertical movement range	min. 520 mm, max. 1.120 mm	min. 570 mm, max. 1.300 mm	min. 790 mm, max. 1.620 mm	min. 840 mm, max. 2.085 mm
B - Horizontal movement range	min. 700 mm, max. 1.300 mm	min. 700 mm, max. 1.500 mm	min. 720 mm, max. 1.570 mm	min. 860 mm, max. 2.160 mm
C - Length	1.900 mm	2.000 mm	2.400 mm	3.000 mm
D - Width	1.780 mm	1.800 mm	1.800 mm	2.160 mm
E - Frame width	750 mm	750 mm	930 mm	1.250 mm
F - Clamping plate diameter	Ø 800 mm	Ø 800 mm	1.100 x 1.100 mm	1.500 x 1.500 mm
Item No.	6R120016	6R200016	6R300016	6R450016

* Please note: Maximum load minus weight of table.

FURTHER OPTIONS



Included in the basic price.

MANUAL CONTROL (WIRED)¹

The manual operation can be inserted into the holder and placed in a desired location. For easy handling, the manual control can be removed at any time. The control buttons of the wired hand operation allow you to manually adjust the positions.

Item No. 6R000150



FOOT PEDAL CONTROL¹

The foot pedal control is an alternative to the manual control. The rotation of the clamping plate can be started and stopped with the integrated start and stop function of the foot pedal.

Item No. 6R000250



CONTROL PANEL WITH TEACH FUNCTION

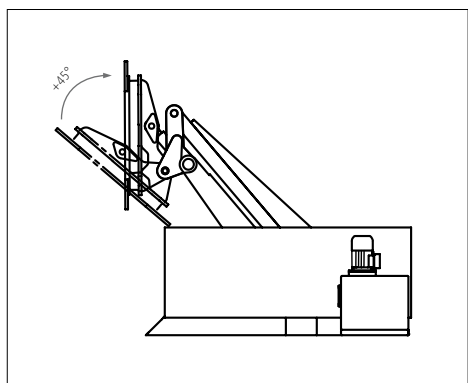
The control panel with teach function enables the automation of your work processes. Positions can be programmed, stored and repeated anytime by pressing a button.

FOR RP 1250, RP 2000, RP 3000

Item No. 6R000550

FOR RP 4500

Item No. 6R000560



OPTIONAL TILT ANGLE 140°

The clamping plate can be tilted on the positioner to 140° by using an additional cylinder.

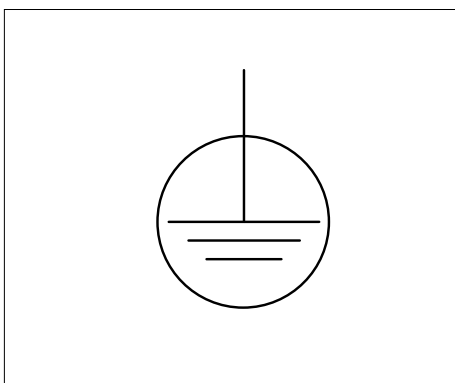
Not available for RP 1250.

FOR RP 2000

Item No. 6R000350

FOR RP 3000

Item No. 6R000360



ROTATABLE GROUND CONNECTION

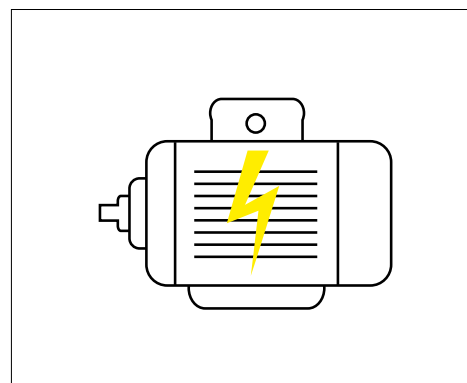
The stable ground connection directly on the machine guarantees an optimal connection to the table plate (especially while the table is rotating). The welding unit is connected to the appliance by a trunnion. Therefore twisted battery ground cables can be prevented.

FOR RP 1250, RP 2000, RP 3000

Item No. 6R000400

FOR RP 4500

Item No. 6R000410



ELECTRIC DRIVE

Using an electric motor the driven rotation can be very accurately controlled and the corresponding speed can be adjusted continuously. Lifting and tilting is still provided by the the hydraulic drive.

FOR RP 1250

Item No. 6R000450

FOR RP 2000

Item No. 6R000460

FOR RP 3000

Item No. 6R000470

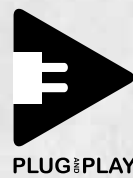
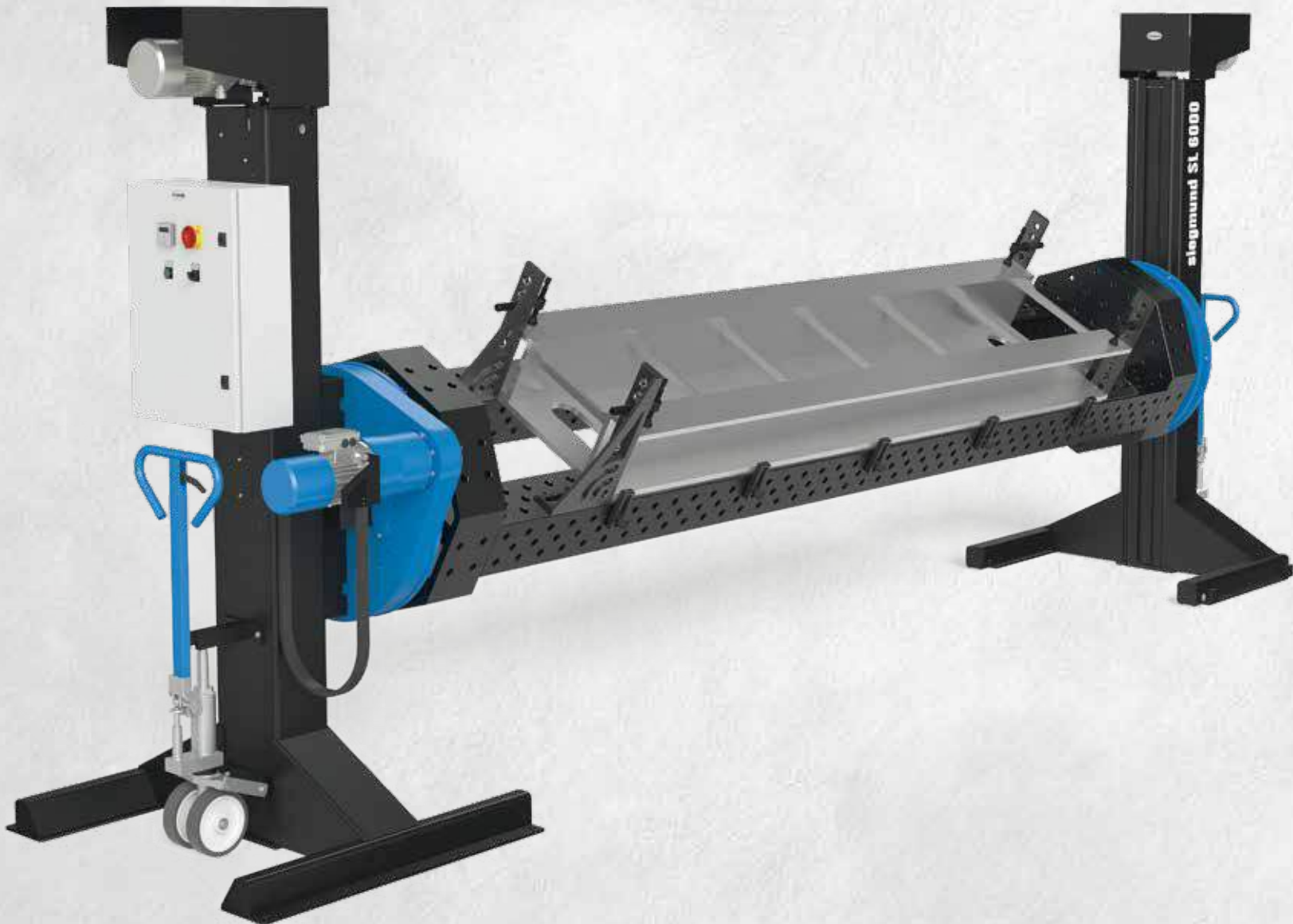
RP 4500

Standard with electric drive.

In general, a later installation of this options is not possible.

¹ A subsequent installation of this additional option is possible at any time.





Siegmund Synchrolift



Your advantages

The Siegmund Synchrolift is an electric Head & Tailstock Positioner and is ideal for welding, assembly and maintenance work. Positioning happens via two electric main axes for lifting and lowering and/or rotating left and right.

Available in three different sizes with load capacities of 2.000 kg, 4.000 kg and 6.000 kg. Custom sizes available on request.

After power connecting the device is ready for use immediately.

PRODUCTIVITY

- Rapid alignment of workpieces
- Optimum ergonomic positioning offers maximum productivity
- One set-up for lifting and rotating
- Reduced down time

ERGONOMICS

- Convenient access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

- Improved quality with flexible positioning (flat position)
- Improved quality through maximum access

TECHNICAL CHARACTERISTICS

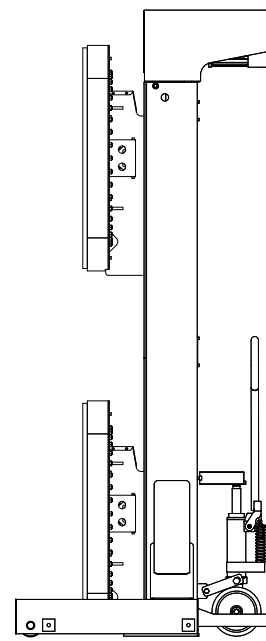
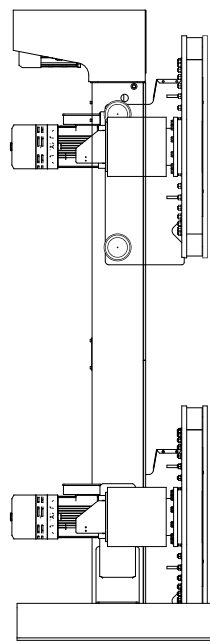
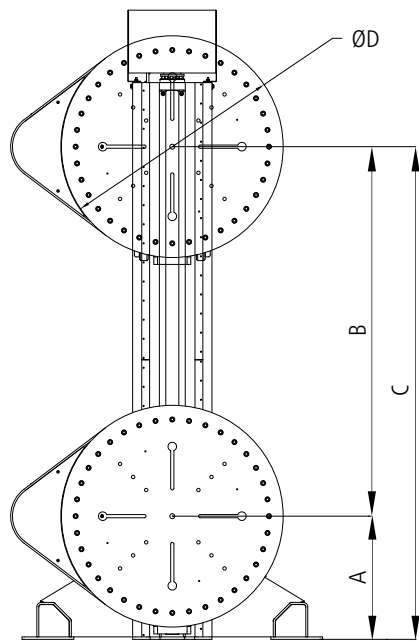
- Incl. manual control (wired), additional controls available for an extra charge
- Display for positioner setting
- Continuously adjustable rotation of the clamping plate
- Pallet lifter for repositioning

FURTHER DETAILS

- High repeat accuracy
- Optional rotatable ground connection



Siegmund Synchrolift



Technical details

	SL 2000	SL 4000	SL 6000
Weight Positioner (without table top)	approx. 1.200 kg	approx. 1.200 kg	approx. 1.200 kg
Max. load-bearing capacity *	2.000 kg	4.000 kg	6.000 kg
Table revolutions per minute (electric)	1	1	0,9
Max. turning moment table	3.000 Nm	3.500 Nm	4.000 Nm
Speed lifting and lowering	56 cm/min	56 cm/min	56 cm/min
Motor power turning	0,75 kW	0,55 kW	0,55 kW
Motor power lifting and lowering	1,85 kW	1,85 kW	1,85 kW
Tower height	2.500 mm	2.500 mm	2.500 mm
A - Min. movement range	350 mm	350 mm	450 mm
B - Total stroke	1.550 mm	1.550 mm	1.500 mm
C - Max. movement range	1.900 mm	1.900 mm	1.950 mm
D - Clamping plate diameter	Ø 600 mm	Ø 600 mm	Ø 800 mm
Item No.	6S200016	6S400016	6S600016

* Please note: Maximum load minus weight of table.

FURTHER OPTIONS



Included in the basic price.

MANUAL CONTROL (WIRED)¹

The manual operation can be inserted into the holder and placed in a desired location. For easy handling, the manual control can be removed at any time. The control buttons of the wired hand operation allow you to manually adjust the positions.

Item No. 6S000150



FOOT PEDAL CONTROL¹

The foot pedal control is an alternative to the manual control. The rotation of the clamping plate can be started and stopped with the integrated start and stop function of the foot pedal.

Item No. 6S000250



CONTROL PANEL WITH TEACH FUNCTION

The control panel with teach function enables the automation of your work processes. Positions can be programmed, stored and repeated anytime by pressing a button.

Item No. 6S000550



FLOOR RAILS

The positioner can be delivered on request with additional floor rails. As a result, the movable towers can be moved exactly parallel to one another.

SINGLE RAIL 3 M

Item No. 6S000600

SINGLE RAIL 6 M

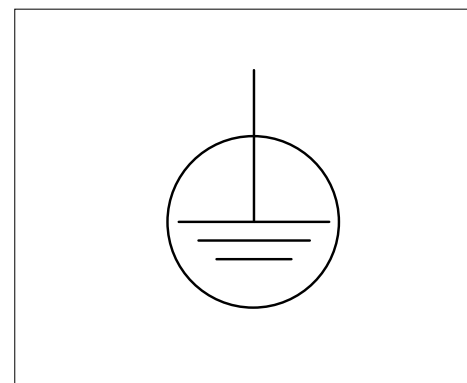
Item No. 6S000610

DOUBLE RAILS 3 M

Item No. 6S000620

DOUBLE RAILS 6 M

Item No. 6S000630



ROTATABLE GROUND CONNECTION

The stable ground connection directly on the machine guarantees an optimal connection to the table plate (especially while the table is rotating). The welding unit is connected to the appliance by a trunnion. Therefore twisted battery ground cables can be prevented.

Item No. 6S000400

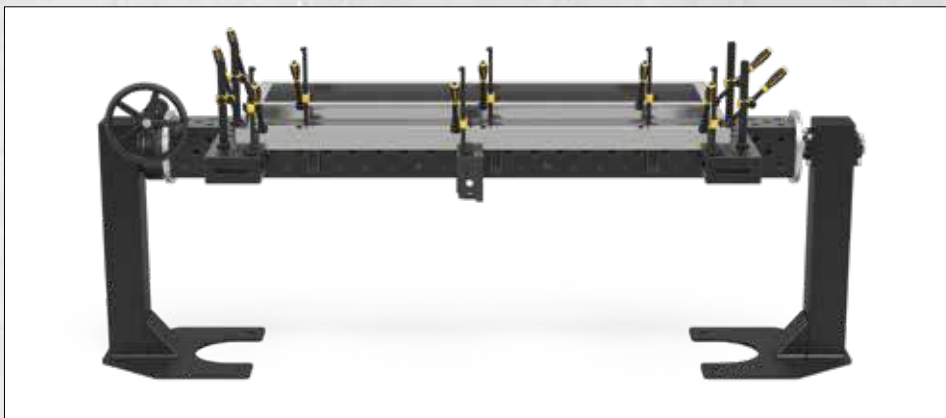
In general, a later installation of this options is not possible.

¹ A subsequent installation of this additional option is possible at any time.





Siegmund M-Positioner



Your advantages

The Siegmund M-Positioner is ideal for welding, assembly and maintenance work. Positioning happens via a manually driven hand wheel.

Available in two different sizes with load capacities of 500 kg and 1.500 kg. Custom sizes available on request.

PRODUCTIVITY

- Rapid alignment of workpieces
- Optimum ergonomic positioning offers maximum productivity
- One set-up for rotating
- Reduced down time

ERGONOMICS

- Convenient access to component delivers best product performance
- Reduced risk of repetitive strain injury

QUALITY

- Improved quality with flexible positioning (flat position)
- Improved quality through maximum access

TECHNICAL CHARACTERISTICS

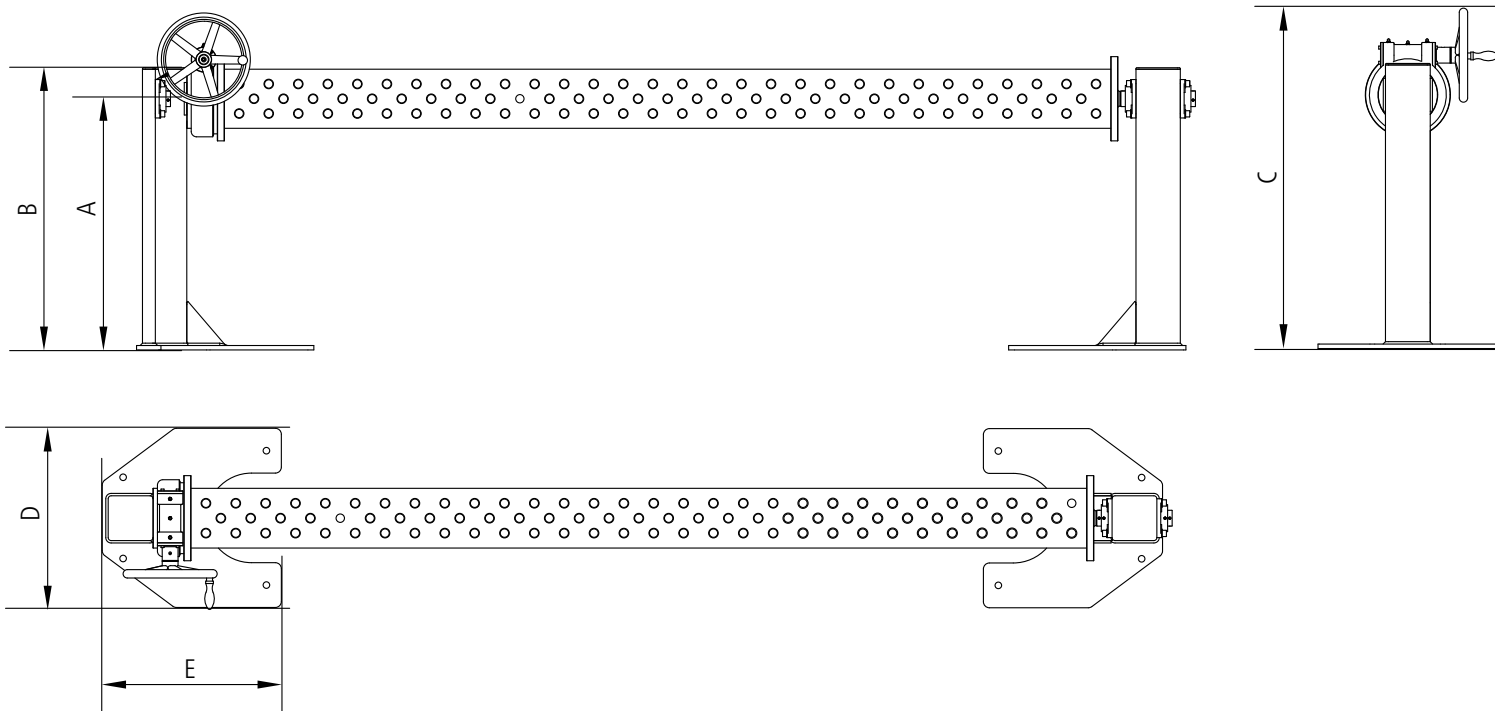
- Force transmission through a bearing with integrated gear
- Drive manually via hand wheel
- Universal flange for clamping of Siegmund U-Squares

FURTHER DETAILS

- Stability provided by large flat foot plate with optional floor anchoring
- Clamping of components on Siegmund U-Squares



Siegmund M-Positioner



Technical details

	MP 500	MP 1500
Weight Positioner	approx. 110 kg	approx. 180 kg
Max. load-bearing capacity *	500 kg	1.500 kg
Turning moment	100 Nm	900 Nm
Control	Hand wheel with handle Ø 200 mm	Hand wheel with handle Ø 315 mm
Drive	manual	manual
Gear ratio	1:73	1:73
Axis of rotation	horizontal	horizontal
Square U-Shape compatibility	System 16	System 28
Max. length Square U-Shape	1.500 mm	3.000 mm
A - Working height	850 mm	850 mm
B - Tower height	955 mm	955 mm
C - Total height	1.083 mm	1.140 mm
D - Base plate width	500 mm	600 mm
E - Base plate length	400 mm	600 mm
Item No.	6M050016	6M150016

* Please note: Maximum load minus weight of U-Square.

Compatible Siegmund accessories for all positioners



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