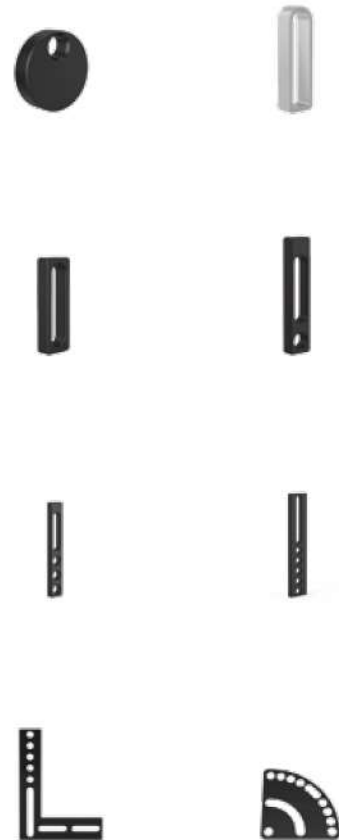




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Eccentric Stop



280401



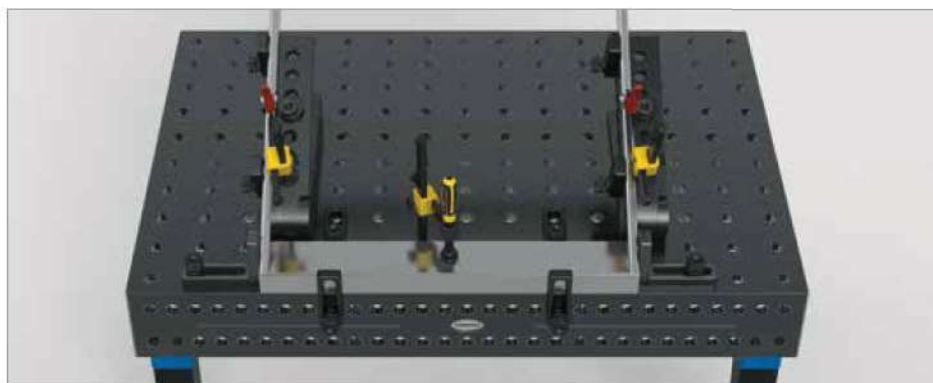
280402



280403

Description:

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





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

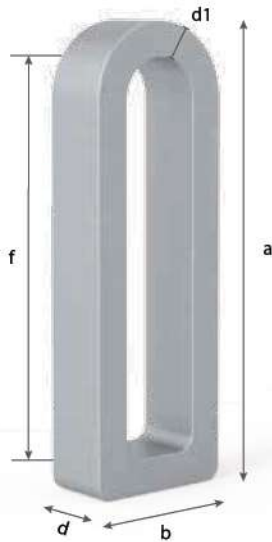
MS=Material thickness;

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

Flex Stop 156 Aluminum

Description:

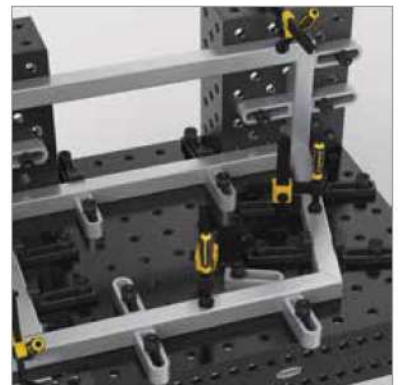
Flex Stop Aluminum, individually adjustable through the oblong slot. Due to its radiused clamping sides, it can be versatilely used in corners as well as freeform stop surfaces. The Flex Stop is favoured when working with stainless steel and in confined spaces.



280412



280414



	Length: (a)	Width: (b)	M5: (d)	W5: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 25x156 - Aluminum	156 mm	52 mm	25 mm	12 mm	100 mm	0,30 kg	2-280412 ●
Flex Stop 50x156 - Clamping Bolt long required - Aluminum	156 mm	52 mm	50 mm	12 mm	100 mm	0,60 kg	2-280414 ●

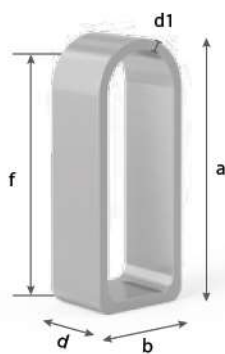
M5=Material thickness; W5=Wall thickness; VB=Adjusting range;

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

Flex Stop 90 Steel

Description:

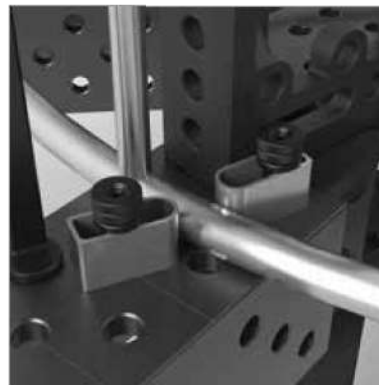
Flex-Stop Steel, individually adjustable through the oblong hole. It can be versatilely used, both on corners as well as on free shaped stop surfaces, due to its rounded clamping surfaces. The Flex Stop is favored in confined spaces.



280411



280413

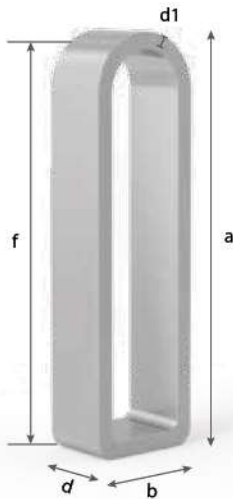


	Length: (a)	Width: (b)	MS: (d)	WS: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 25x90 - galvanized	90 mm	36 mm	25 mm	4 mm	50 mm	0,18 kg	2-280411 ●
Flex Stop 50x90 - Clamping Bolt long required - galvanized	90 mm	36 mm	50 mm	4 mm	50 mm	0,36 kg	2-280413 ●

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

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

Flex Stop 140 Steel



280416



280418



Description:

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

Flex Stop 25x140 - galvanized

	Length: (a)	Width: (b)	M5: (d)	W5: (d1)	VB: (f)	Weight:	Item No.
Flex Stop 25x140 - galvanized	140 mm	40 mm	25 mm	6 mm	100 mm	0,37 kg	2-280416 ●
Flex Stop 50x140 - Clamping Bolt long required - galvanized	140 mm	40 mm	50 mm	6 mm	100 mm	0,75 kg	2-280418 ●

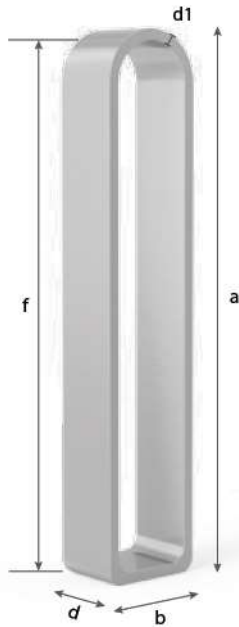
M5=Material thickness; W5=Wall thickness; VB=Adjusting range;

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

Flex Stop 182 Steel

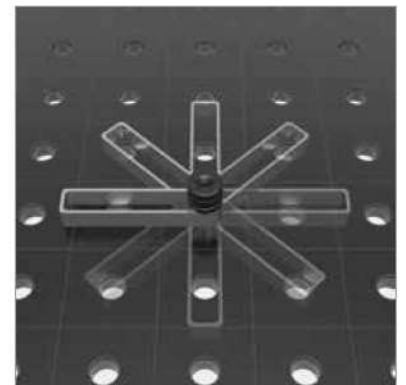
Description:

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 182 spans the hole distance even in diagonal applications.



280419

280417



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

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

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

Universal Stop 150 L



280410.N



280410



280410.A



280410.C

Description:

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

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



	Length: (a)	Width: (b)	M5: (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 ●
Universal Stop 150 L - Burnished	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410 ●
Universal Stop 150 L - Aluminum	150 mm	50 mm	25 mm	100 mm	0,30 kg	2-280410.A ●
Universal Stop 150 L - Chromed	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.C ○

M5=Material thickness; VB=Adjusting range;

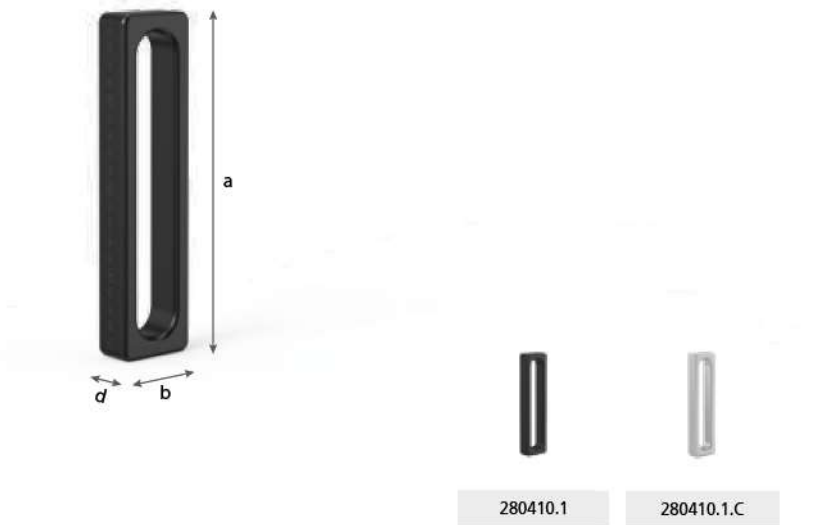
● = Stock item / ○ = Item is made to order

Universal Stop 200 L

Description:

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

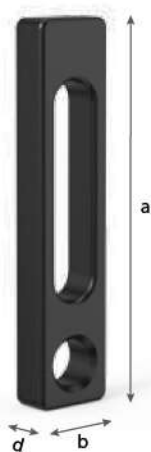
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



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

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

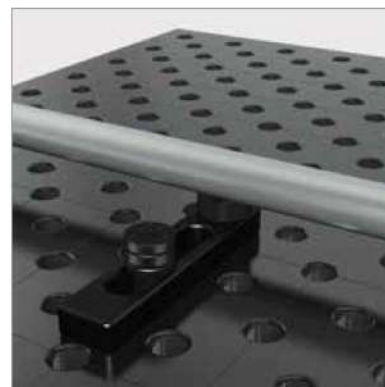
Universal Stop 225 L



Description:

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

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



	Length: (a)	Width: (b)	M5: (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 ●
Universal Stop 225 L - Burnished	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420 ●
Universal Stop 225 L - Aluminum	225 mm	50 mm	25 mm	100 mm	0,55 kg	2-280420.A ●
Universal Stop 225 L - Chromed	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.C ○

M5=Material thickness; VB=Adjusting range;

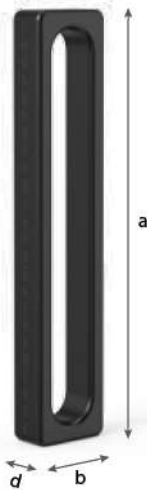
● = Stock item / ○ = Item is made to order

Universal Stop 250 L

Description:

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

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



280410.2



280410.2.C



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

MS=Material thickness; VB=Adjusting range;

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

Universal Stop 225 L FDS



280421



Description:

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

Typical application: Serial production

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

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

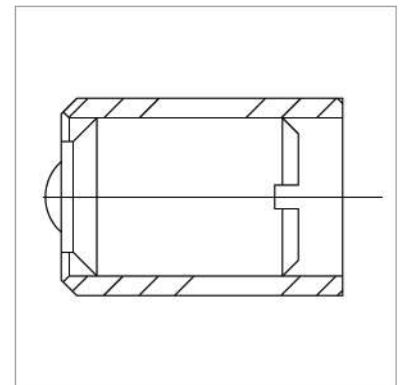
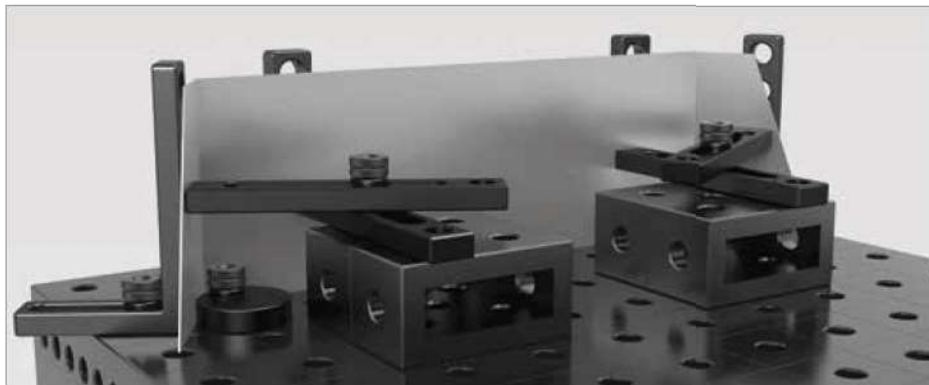
MS=Material thickness; VB=Adjusting range;

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

Universal Stop 325 L FDS



280421.1



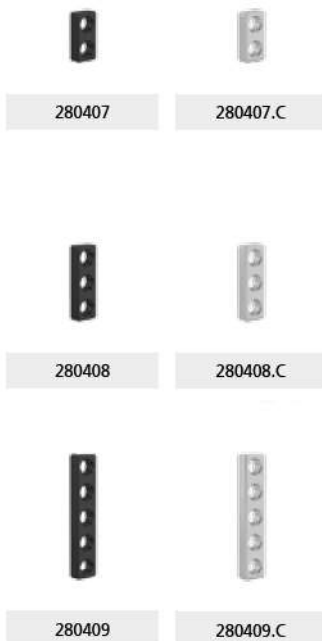
Description:

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

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

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

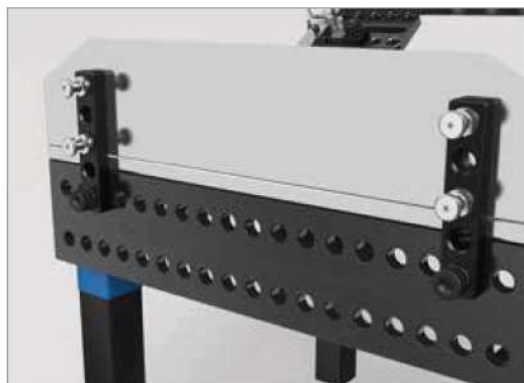
Universal Stop 100 / 150 / 250

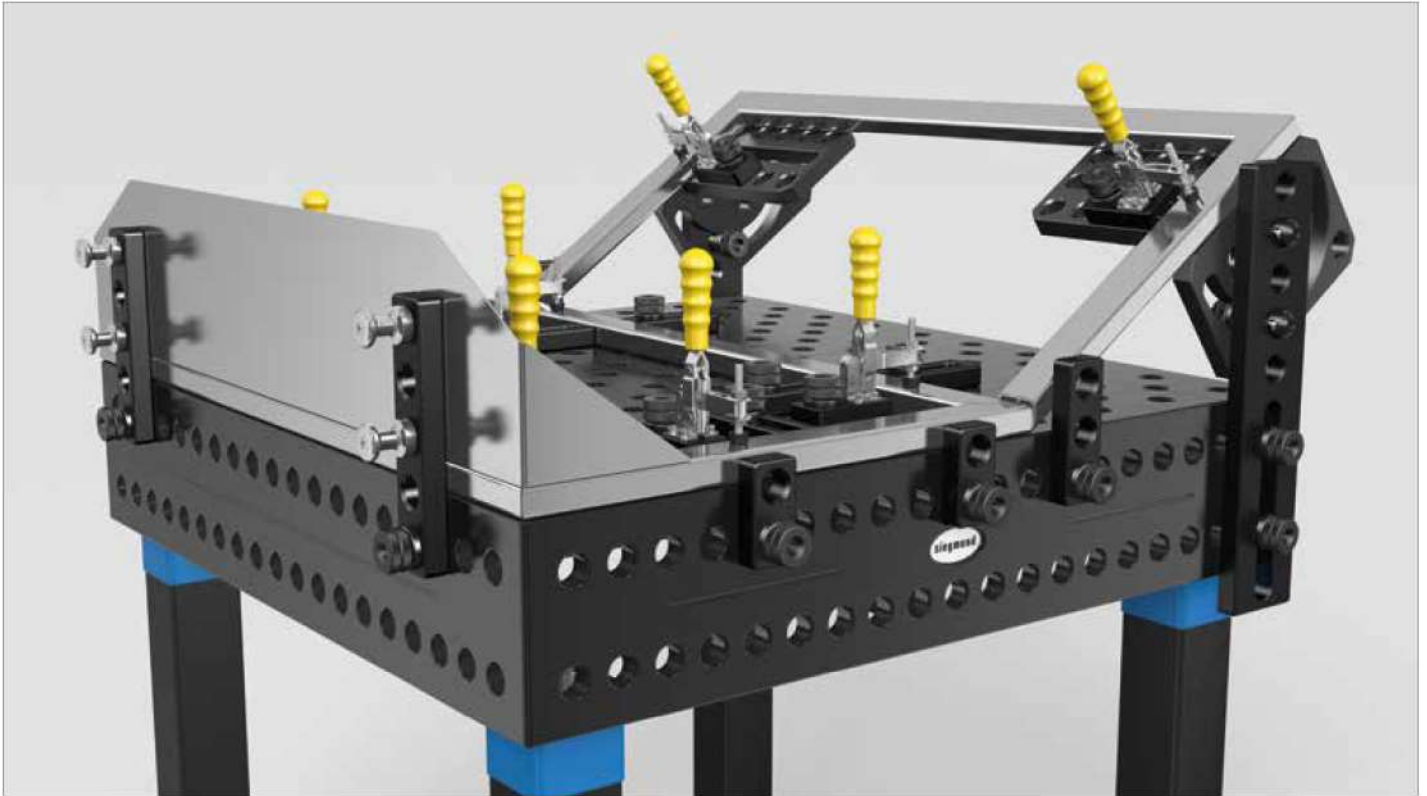


Description:

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.



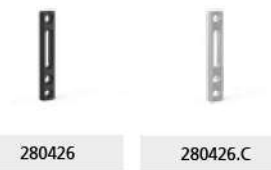


	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
Universal Stop 100 - 2 system bore holes - Burnished	100 mm	50 mm	25 mm	0,75 kg	2-280407 ●
Universal Stop 100 - 2 system bore holes - Chromed	100 mm	50 mm	25 mm	0,75 kg	2-280407.C ○
Universal Stop 150 - 3 system bore holes - Burnished	150 mm	50 mm	25 mm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

MS=Material thickness;

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

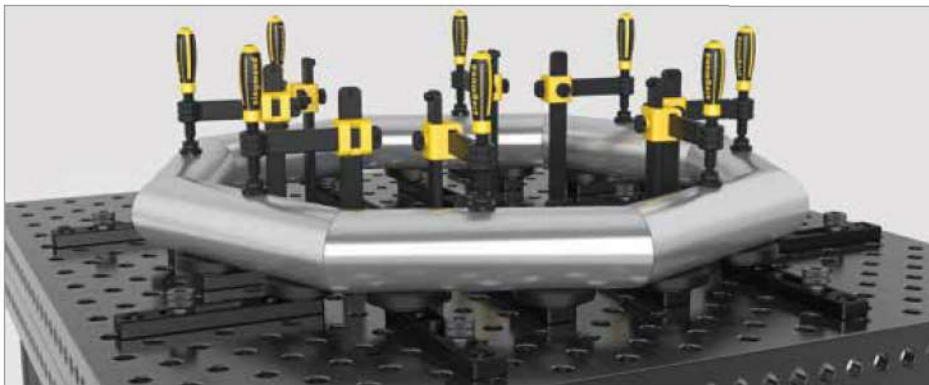
Universal Stop 300



Description:

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

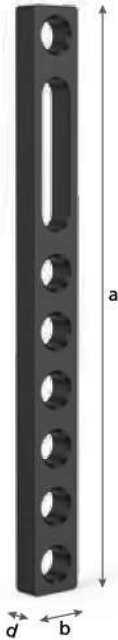
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



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

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

Universal Stop 500



280427



280427.C

Description:

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

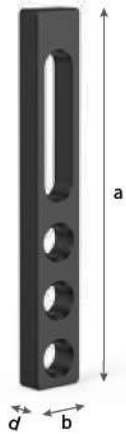
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



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

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

Universal Stop 325 L



280422



280422.C

Description:

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

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



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

MS=Material thickness; VB=Adjusting range;

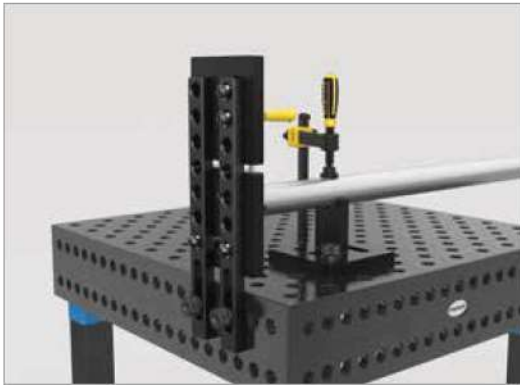
● = Stock item / ○ = Item is made to order

Universal Stop 525 L



280424

280424.C



Description:

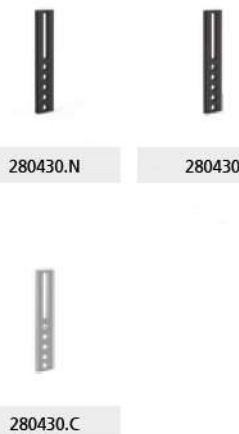
Universal Stop 525 L with system bore holes and oblong slot (0-100 mm range), provides fixed and versatile adjustment, for a multitude of clamping options.

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

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

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

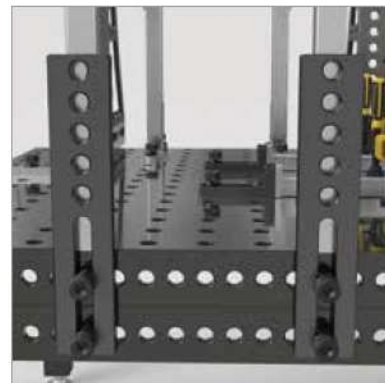
Universal Stop 500 S



Description:

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

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

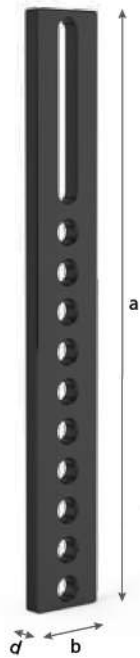


	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 500 S - 5 system drill holes - Nitrided	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.N ○
Universal Stop 500 S - 5 system drill holes - Burnished	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430 ●
Universal Stop 500 S - 5 system drill holes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

MS=Material thickness; VB=Adjusting range;

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

Universal Stop 750 S



280432

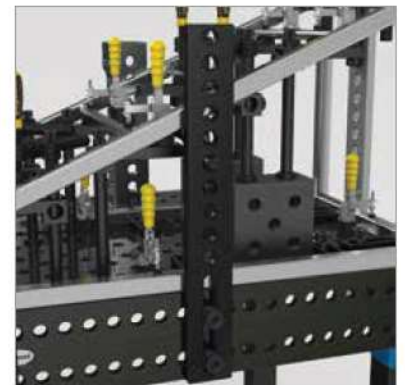
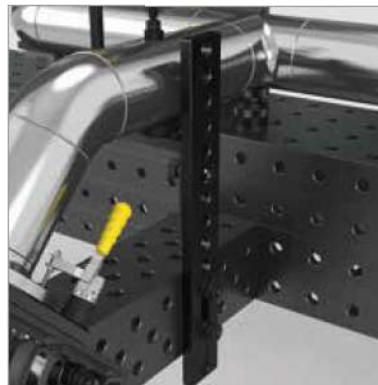


280432.C

Description:

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

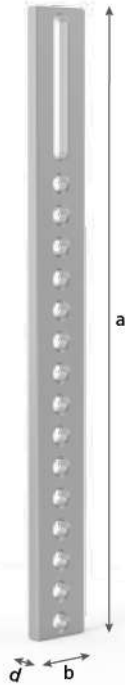
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



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

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

Universal Stop 1000 S



280434

280434.C



Description:

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

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

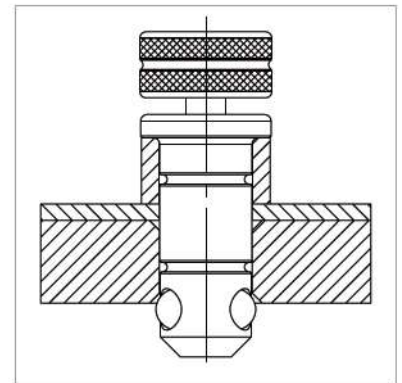
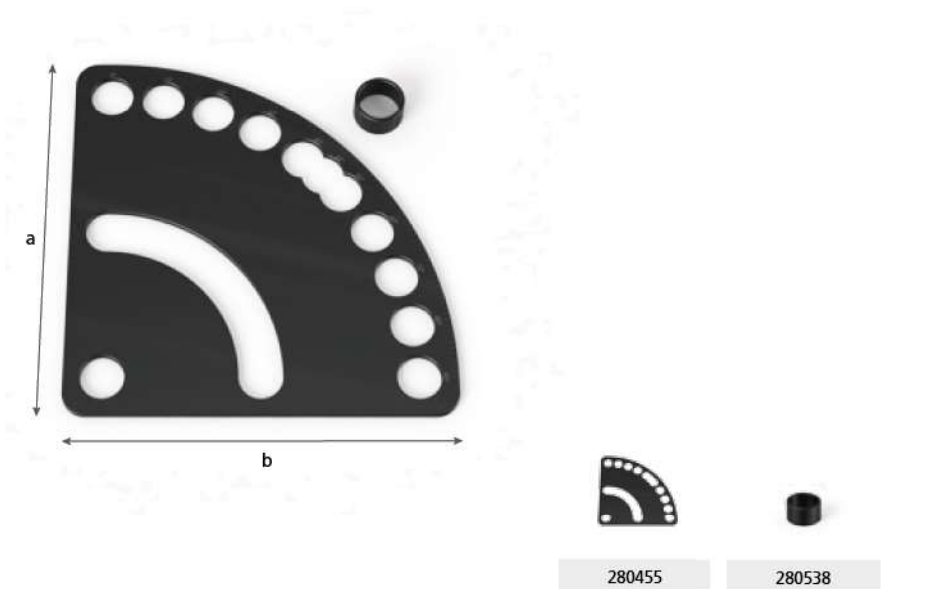
	Length: (a)	Width: (b)	MS: (d)	VB: (f)	Weight:	Item No.
Universal Stop 1000 S - 15 system bore holes - Polished	1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434 ●
Universal Stop 1000 S - 15 system bore holes - Chromed	1000 mm	100 mm	25 mm	200 mm	16,30 kg	2-280434.C ○

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

Angle Alignment Template

Description:

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



	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	M5: (d)	Weight:	Item No.
Angle Alignment Template - Burnished	250 mm	250 mm			5 mm	1,50 kg	2-280455 ●
Spacer Sleeve - Burnished			20 mm	35 mm		0,05 kg	2-280538 ●

M5=Material thickness;

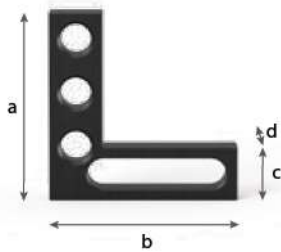
● = Stock item / ○ = Item is made to order

Flat Square 175

Description:

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

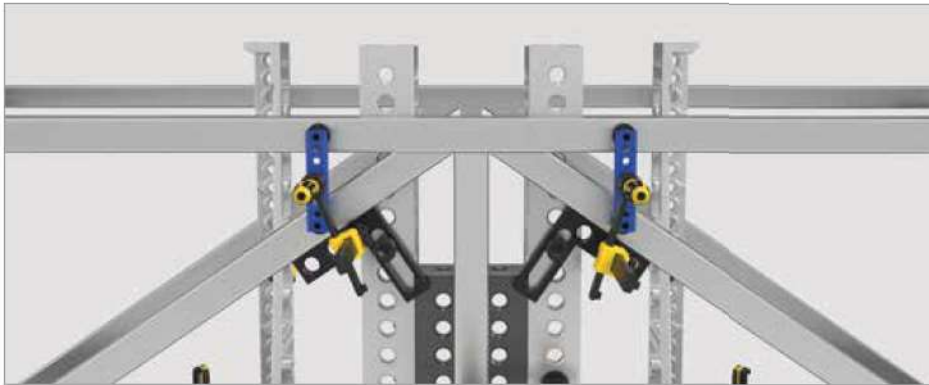
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280445



280445.C



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
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Flat Square 175 small

- 3 system bore holes
- Burnished

175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445 ●
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Flat Square 175 small

- 3 system bore holes
- Chromed

175 mm	175 mm	50 mm	25 mm	1,85 kg	2-280445.C ○
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MS=Material thickness;

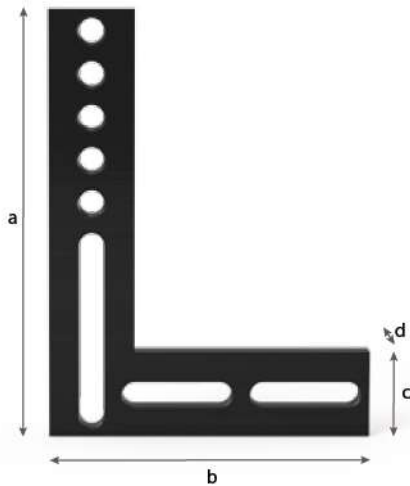
● = Stock item / ○ = Item is made to order

Flat Square 500

Description:

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

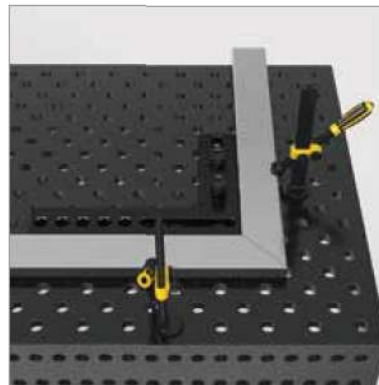
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.



280444



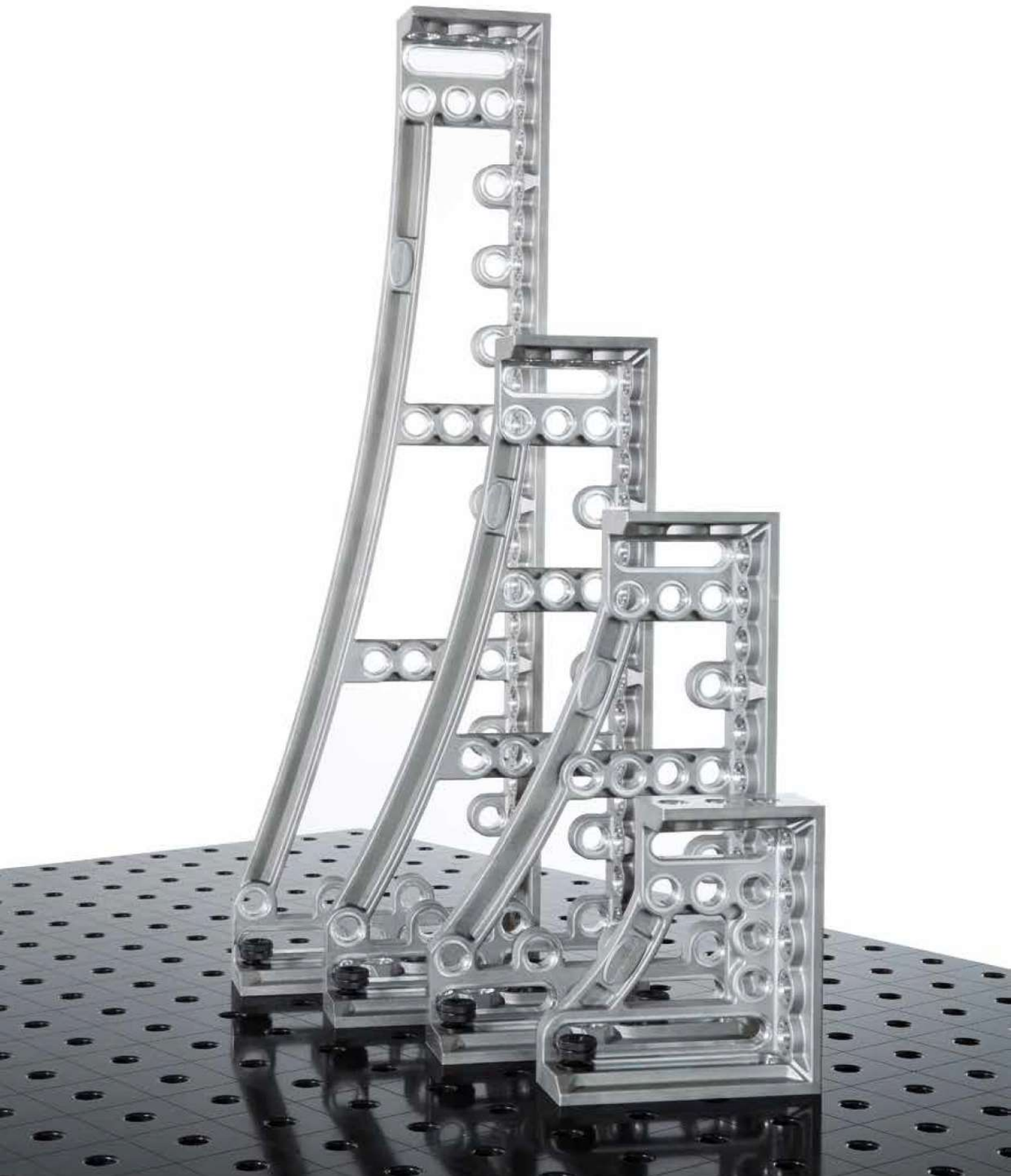
280444.C



	Length: (a)	Width: (b)	Height: (c)	M5: (d)	Weight:	Item No.
Flat Square 500 large - 5 system drill holes - Burnished	500 mm	375 mm	100 mm	25 mm	12,00 kg	2-280444 ●
Flat Square 500 large - 5 system drill holes - Chromed	500 mm	375 mm	100 mm	25 mm	12,00 kg	2-280444.C ○

M5=Material thickness;

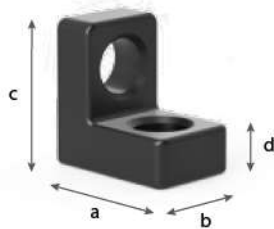
● = Stock item / ○ = Item is made to order



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Stop and Clamping Square 75 L



280105



280105.C



Description:

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

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

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

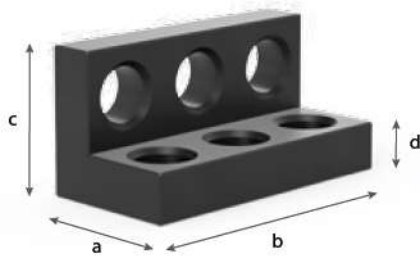
MS=Material thickness;

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

Mounting Square

Description:

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



280107



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

MS=Material thickness;

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

Stop and Clamping Square 175 SL



Description:

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

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



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

MS=Material thickness;

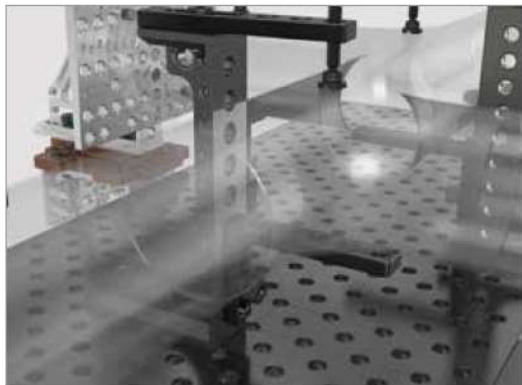
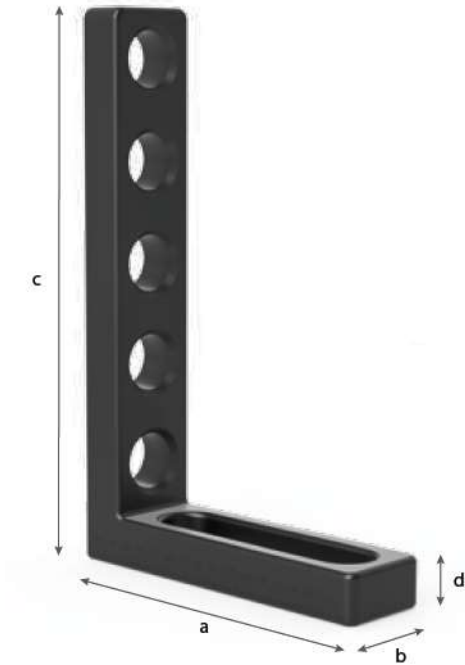
● = Stock item / ○ = Item is made to order

Stop and Clamping Square 275 L

Description:

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

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

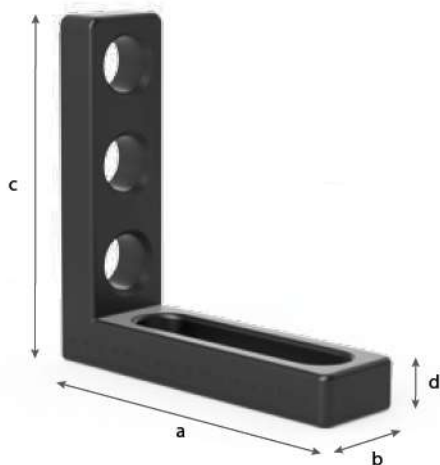


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 275 L - Burnished - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm	2,80 kg	2-280112 ●
Stop and Clamping Square 275 L - Chromed - Standard with fine scaling on both sides	175 mm	50 mm	275 mm	25 mm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

MS=Material thickness;

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

Stop and Clamping Square 175 L



Description:

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

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



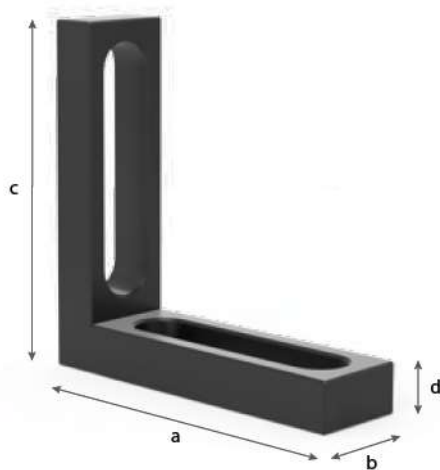


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L - drill hole / oblong slot - Cast iron / Nitrided - Standard with fine scaling on both sides	175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N ●
Stop and Clamping Square 175 L - drill hole / oblong slot - Cast iron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

MS=Material thickness;

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

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

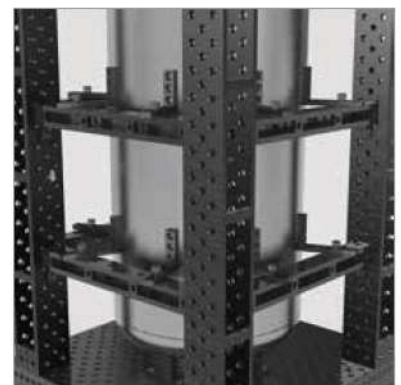
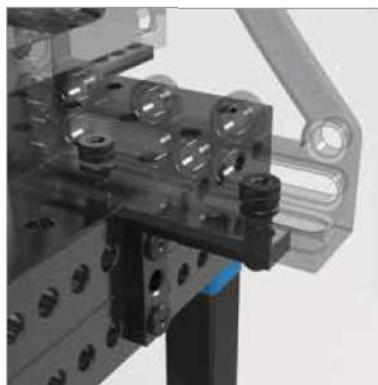


Description:

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

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

Stop- and Clamping Square 275 WL (Item No. 280115), can be utilized as a multifunctional adjustable angle, by combining system boreholes and oblong slot. It can also be used as a stop, particularly for large parts.



	Length: (a)	Width: (b)	Height: (c)	M5: (d)	Weight:	Item No.
Stop and Clamping Square 175 WL - slot / slot 100 - Burnished - Standard with fine scaling on both sides - flexible in any direction	175 mm	50 mm	175 mm	25 mm	1,80 kg	2-280111 ●
Stop and Clamping Square 175 VL - drill hole / drill hole - Burnished	175 mm	50 mm	175 mm	25 mm	2,40 kg	2-280113 ●
Stop and Clamping Square 275 WL - hole / slot 200 - Burnished	275 mm	50 mm	175 mm	25 mm	2,50 kg	2-280115 ●
Chrome-Plated Version upon Request						○

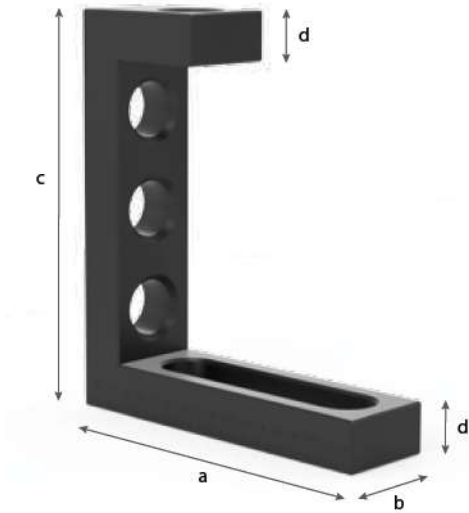
M5=Material thickness;

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

Stop and Clamping Square 200 L

Description:

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



280114



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

Length: (a)	Width: (b)	Height: (c)	M5: (d)	Weight:	Item No.
175 mm	50 mm	200 mm	25 mm	2,71 kg	2-280114 ●

M5=Material thickness;

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

Stop and Clamping Square 300 G / 500 G



280152



280162

Description:

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





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

MS=Material thickness;

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

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

Stop and Clamping Square 500 G with rotation angle

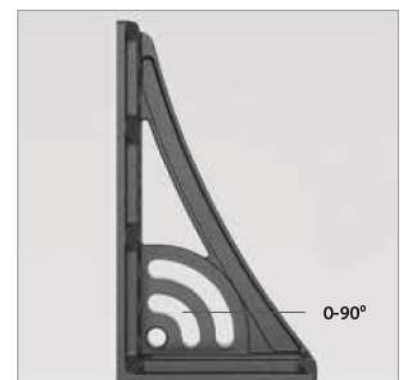
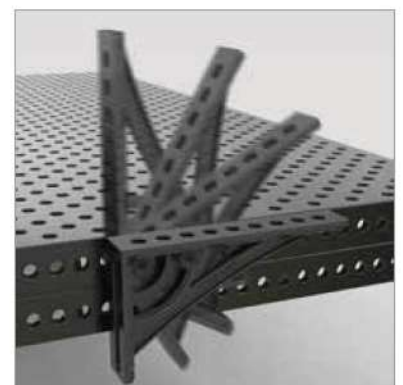
Description:

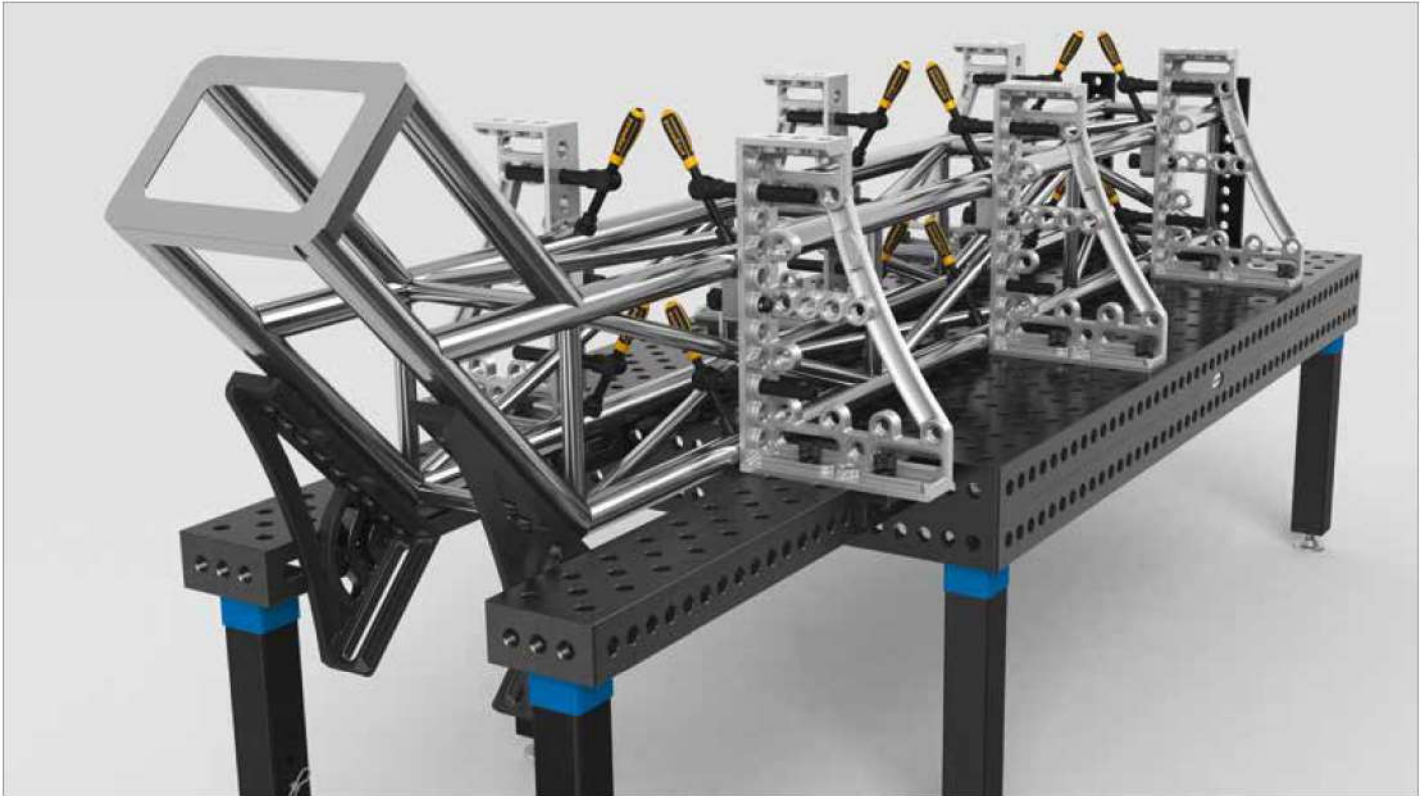
Stop and Clamping Square 500 G, can be fixed and variably adjusted due to the combination of system bore holes and the oblong slot. The versatile Square can also be used as table extension. This component is manufactured of high quality GGG40 ductile cast iron.



280164

280165





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

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

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

Stop and Clamping Square 750 G Plasma nitrided



280166.P

280167.P

Description:

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



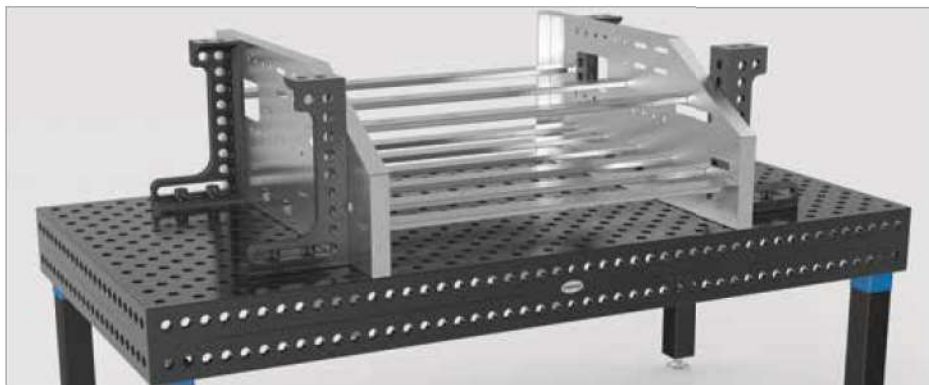
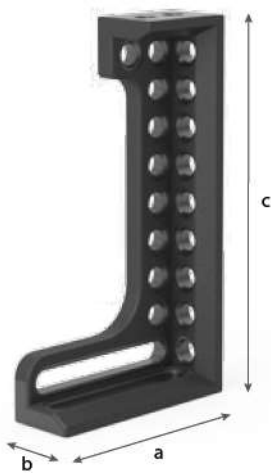
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Stop and Clamping Square 750 G Plasma nitrided - stop on left	276 mm	85 mm	750 mm	13,60 kg	2-280166.P ●
Stop and Clamping Square 750 G Plasma nitrided - stop on right	276 mm	85 mm	750 mm	13,60 kg	2-280167.P ●

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

Stop and Clamping Square 300 GK / 500 GK Plasma nitrided

Description:

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



	Length: (a)	Width: (b)	Height: (c)	M5: (d)	Weight:	Item No.
Stop and Clamping Square 300 GK Plasma nitrided - stop on left - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280124.P ●
Stop and Clamping Square 300 GK Plasma nitrided - stop on right - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	12,90 kg	2-280126.P ●
Stop and Clamping Square 500 GK Plasma nitrided - stop on left - fine scaling upon request	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280130.P ●
Stop and Clamping Square 500 GK Plasma nitrided - stop on right - fine scaling upon request	280 mm	95 mm	500 mm	approx. 27 mm	17,50 kg	2-280132.P ●

M5=Material thickness;

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

Stop and Clamping Square 600 GK / 800 GK Plasma nitrided



280134.P



280136.P



280144.P

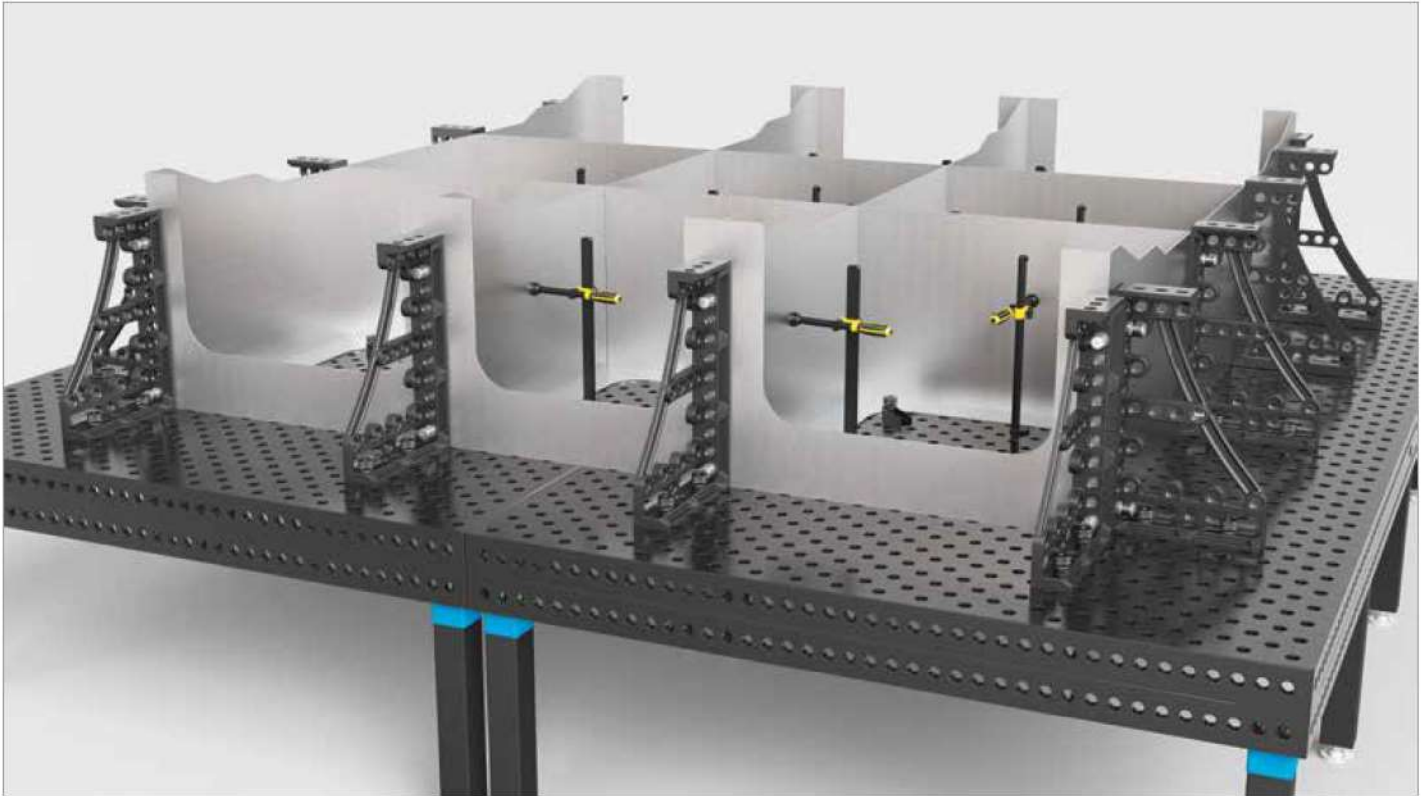


280146.P

Description:

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



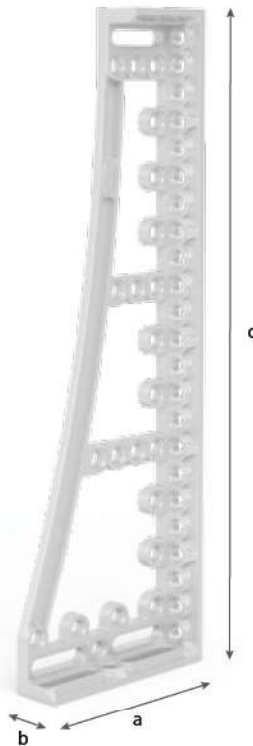


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 600 GK Plasma nitrided - stop on left - Standard with fine scaling on both sides	376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280134.P ●
Stop and Clamping Square 600 GK Plasma nitrided - stop on right - Standard with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

MS=Material thickness;

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

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



280120



280121



280138



280139



280140



280141



280148



280149



Description:

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

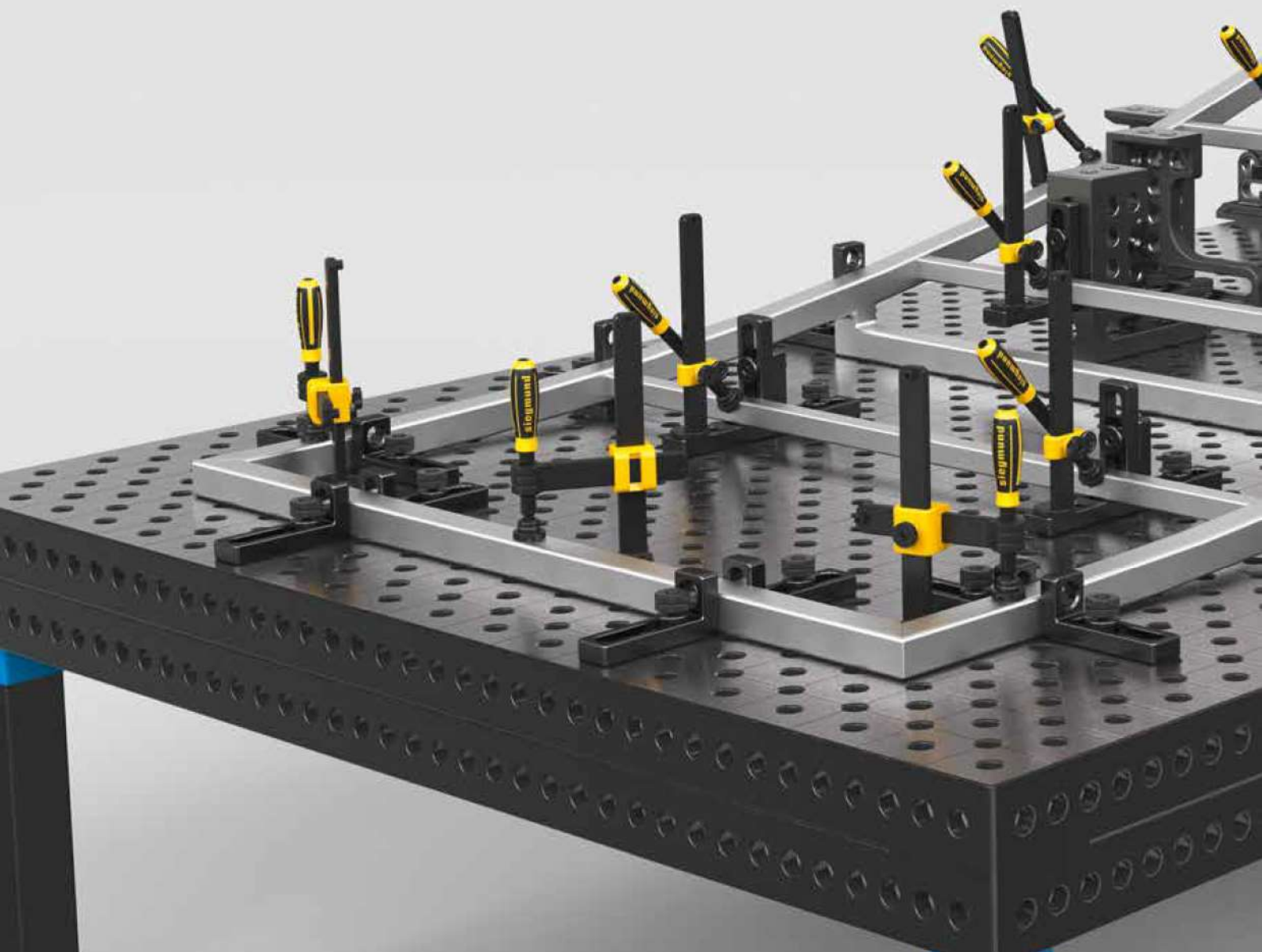


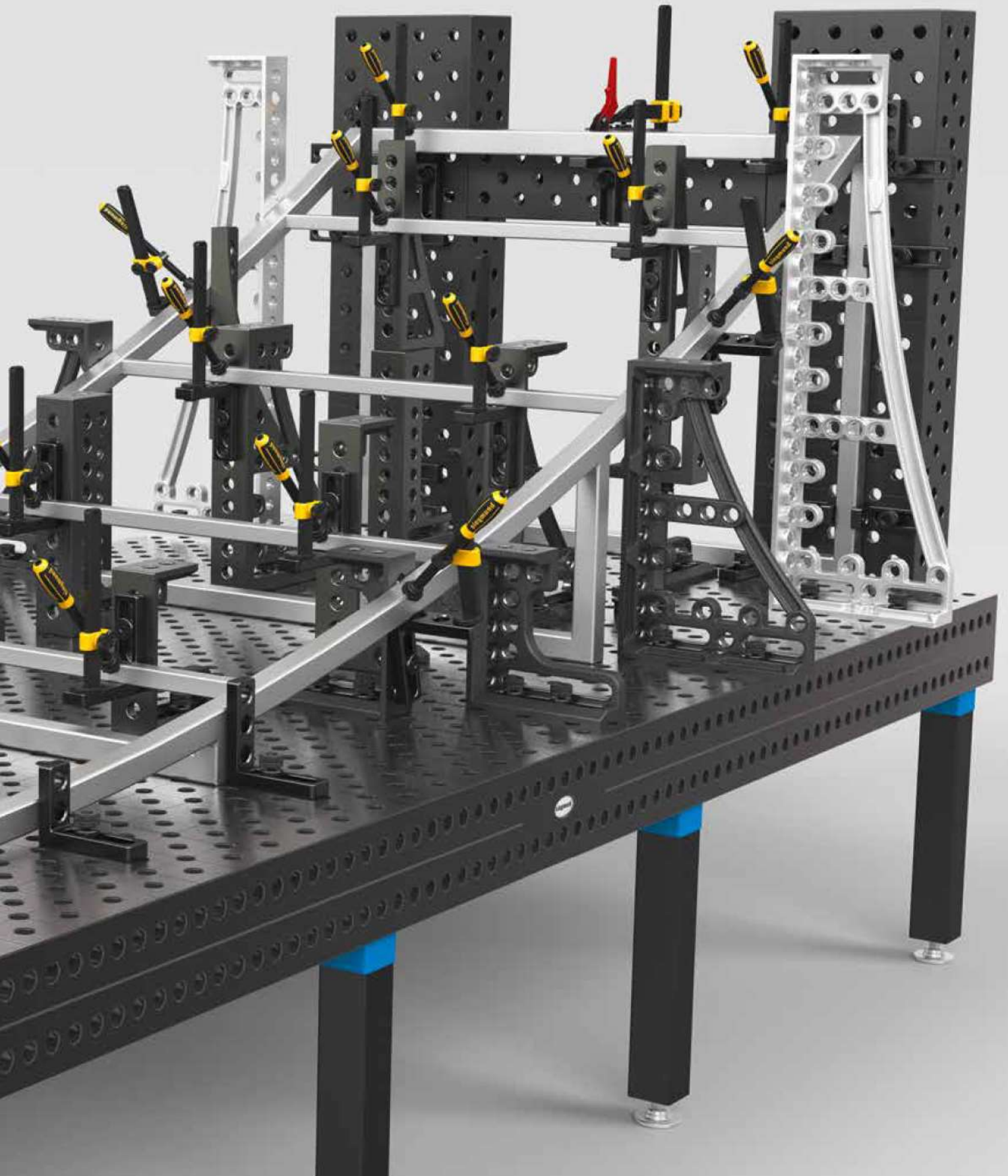


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 300 GK Aluminum-Titanium - stop on left - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280120 ●
Stop and Clamping Square 300 GK Aluminum-Titanium - stop on right - standard with fine scale	280 mm	95 mm	300 mm	approx. 27 mm	5,00 kg	2-280121 ●
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 ●
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 ●
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 ●
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 ●
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 ●
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 ●

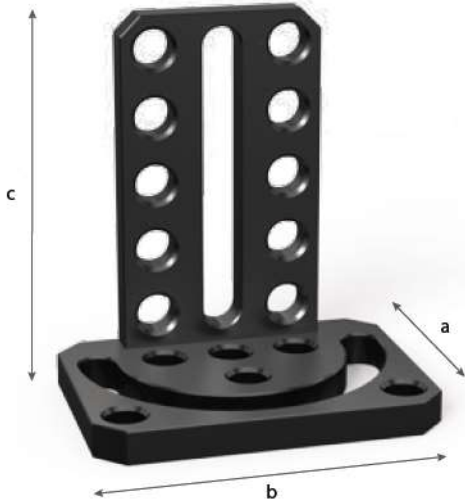
MS=Material thickness;

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

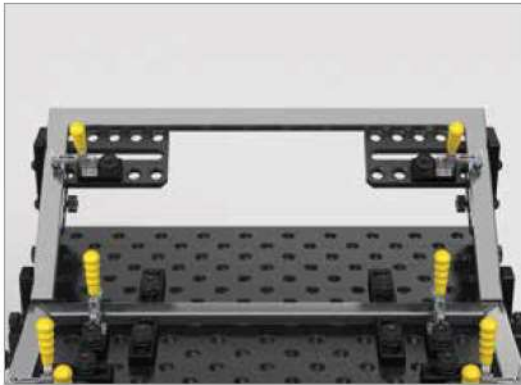




Rotation Angle 275



280101



Description:

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

Optimal fixation is achieved by using 2 clamping bolts simultaneously.

Rotation Angle 275 - Burnished

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

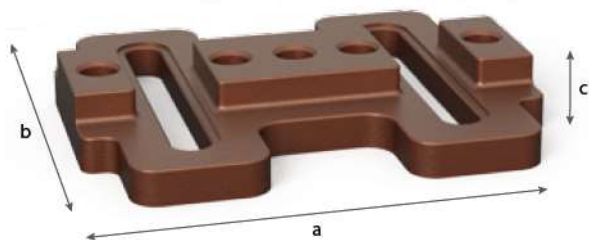
● = Stock item / ○ = Item is made to order

Sliding Base

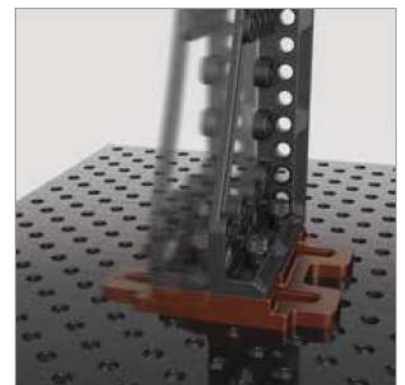
Description:

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

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



280195



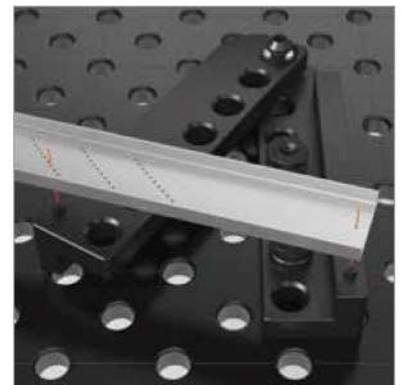
Sliding Base - Burnished	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
	350 mm	300 mm	50 mm	16,00 kg	2-280195 ●

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

Adjustable Angle Protractor



280170



Description:

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

Adjustable Angle Protractor

- Burnished
- incl setting template

SL=Side length;

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

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

Universal Angle Hydromechanical Clamping

Description:

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



280171

280854

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

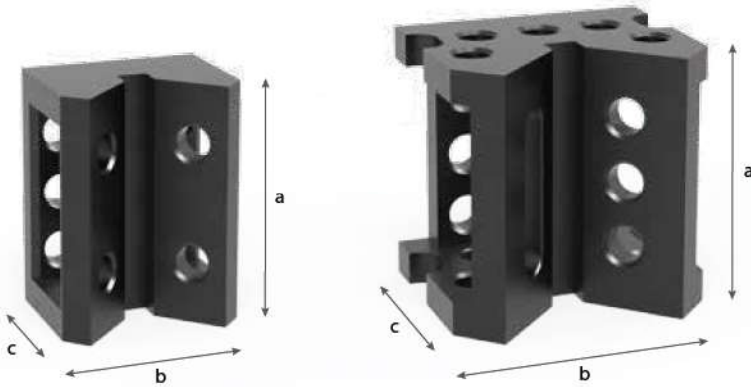
Universal Angle Hydromechanical Clamping
- Burnished

Allen Wrench 14

SL=Side length;

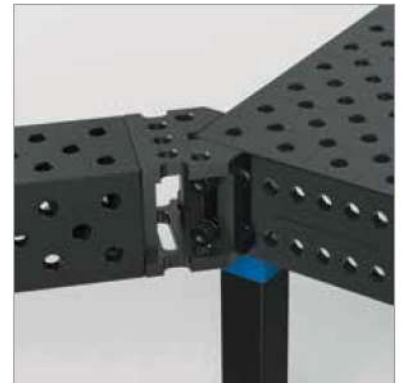
● = Stock item / ○ = Item is made to order

Corner Connection, Cast Iron



280190.G

280191.G



Description:

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

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

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

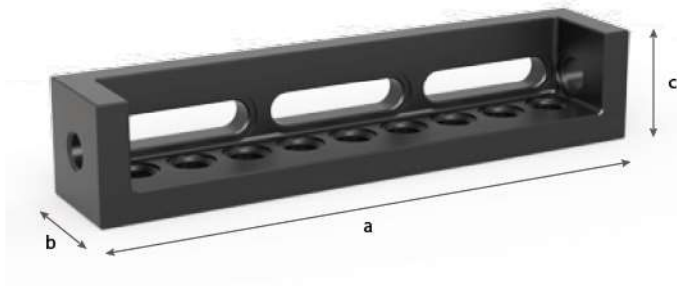
● = Stock item / ○ = Item is made to order

Moveable Square Cast Iron

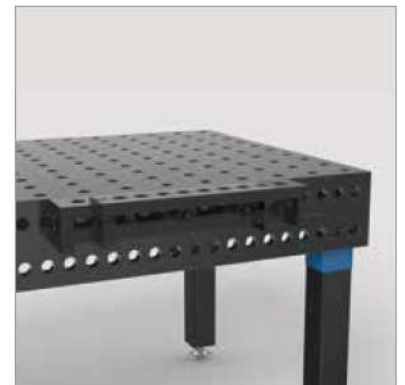
Description:

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

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



280302

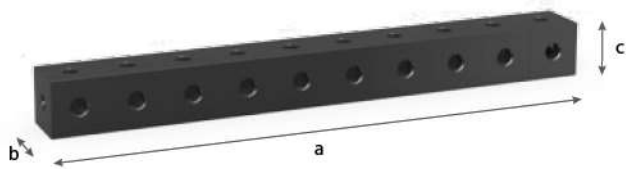


Moveable Square Cast Iron
- Burnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
500 mm	100 mm	100 mm	15,80 kg	2-280302 ●

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

Clamping Rail



Description:

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





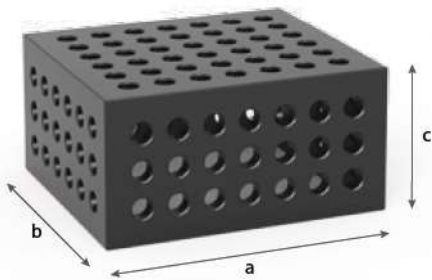
	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Clamping Rail 1000 - Nitrided	1000 mm	100 mm	100 mm	approx. 48 kg	2-280303.P ○
Clamping Rail 2000 - Nitrided	2000 mm	100 mm	100 mm	approx. 95 kg	2-280303.1.P ○
Clamping Rail 3000 - Nitrided	3000 mm	100 mm	100 mm	approx. 141 kg	2-280303.2.P ○

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

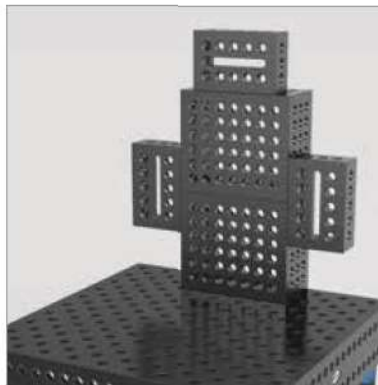
Clamping Block

Description:

In addition to the large variety of U- and L-Squares we developed the clamping cube. With its 50 mm borehole grid, it facilitates maximum flexibility.



280285.P



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

Clamping Block 400x350x200

- five-sided
- Plasma nitrided

400 mm	350 mm	200 mm	25 mm	60,00 kg	2-280285.P ●
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Additional sizes upon request

○

MS=Material thickness;

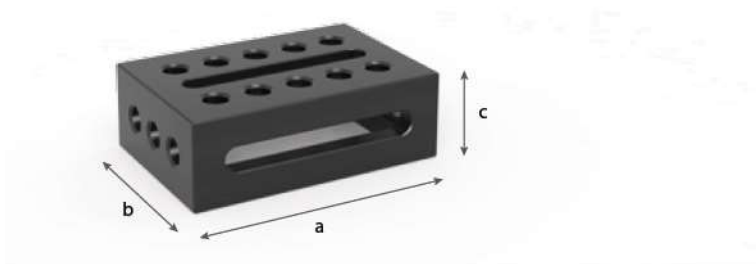
● = Stock item / ○ = Item is made to order

Support and Clamping Frame

Description:

Support and Clamping Frame, serves as a connection for different elements. It can be used as a table extension or console as well. The system bore holes with a 50 mm grid on five sides provide a wide range of combination options. Both fixed and variable stops are possible, as a result of the bore holes and the oblong slots.

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



280300



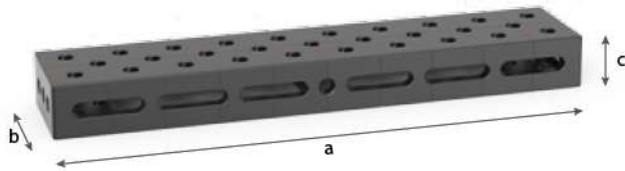
280301



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

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

Square U-Shape 200/100 oblong slot



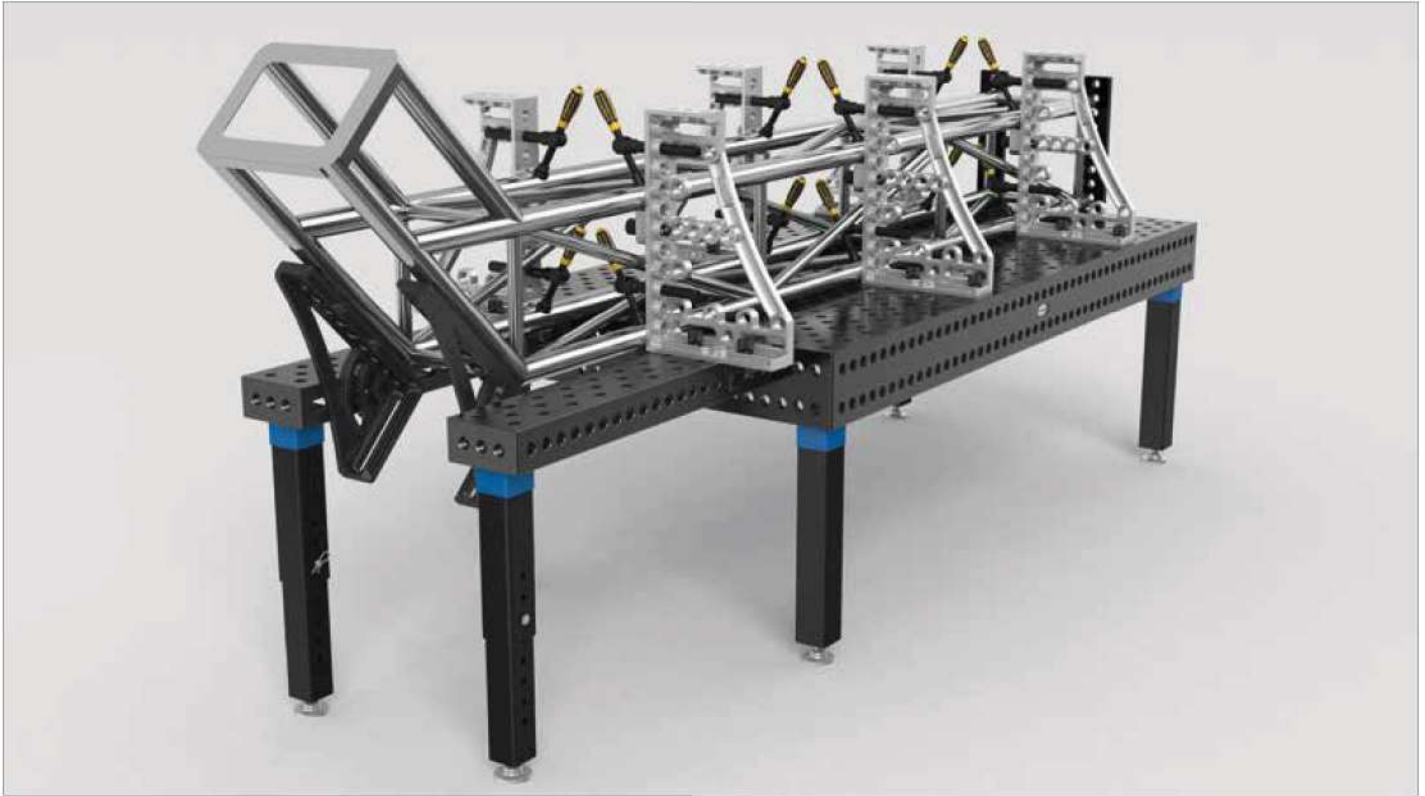
Description:

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

We reserve the right to modify the chamfer design to the new chamfer design.

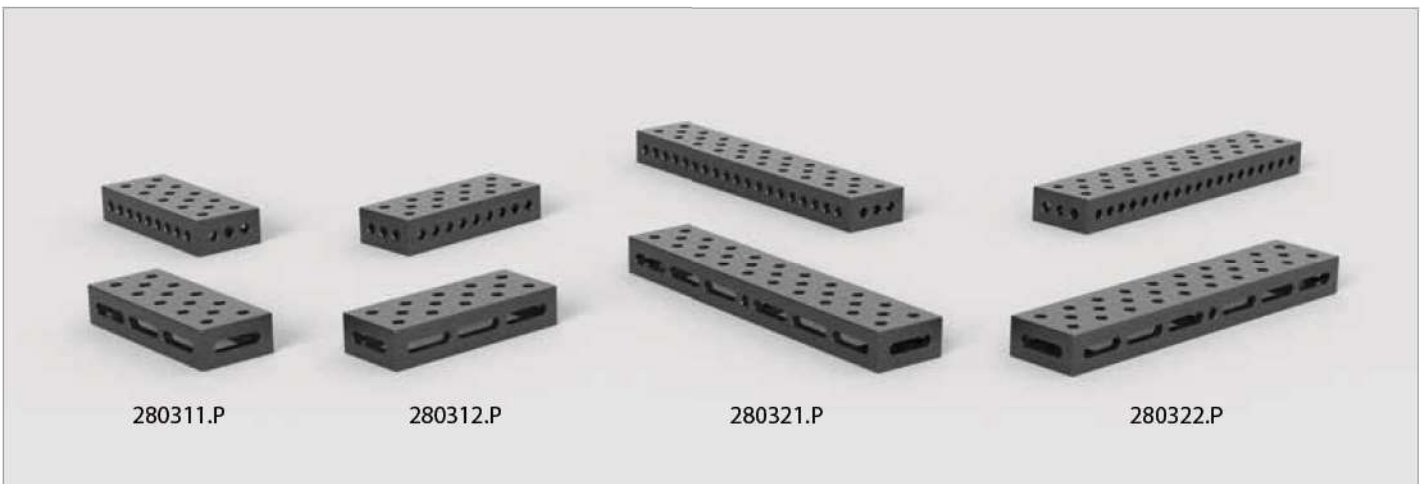
Please find pictures for every product size at www.siegmund.com.



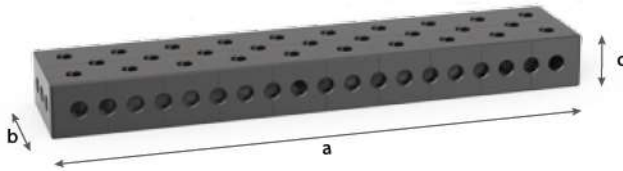


	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 500x200x100 Plasma nitrided oblong slot	500 mm	200 mm	100 mm	approx. 36 kg	2-280311.P ●
Square U-Shape 500x200x100 Plasma nitrided oblong slot	500 mm	200 mm	100 mm	approx. 36 kg	2-280312.P ●
Square U-Shape 1000x200x100 Plasma nitrided oblong slot	1000 mm	200 mm	100 mm	approx. 78 kg	2-280321.P ●
Square U-Shape 1000x200x100 Plasma nitrided oblong slot	1000 mm	200 mm	100 mm	approx. 78 kg	2-280322.P ●

● = Stock item / ○ = Item is made to 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).

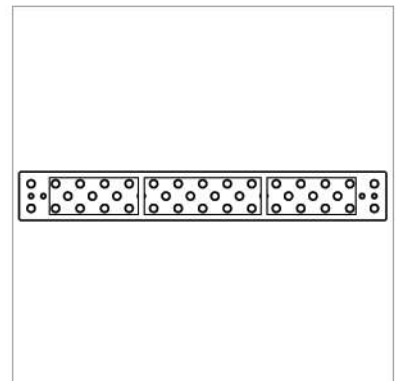
If the Square is used as a table extension exceeding 1,000 mm, it has to be supported by a table leg.

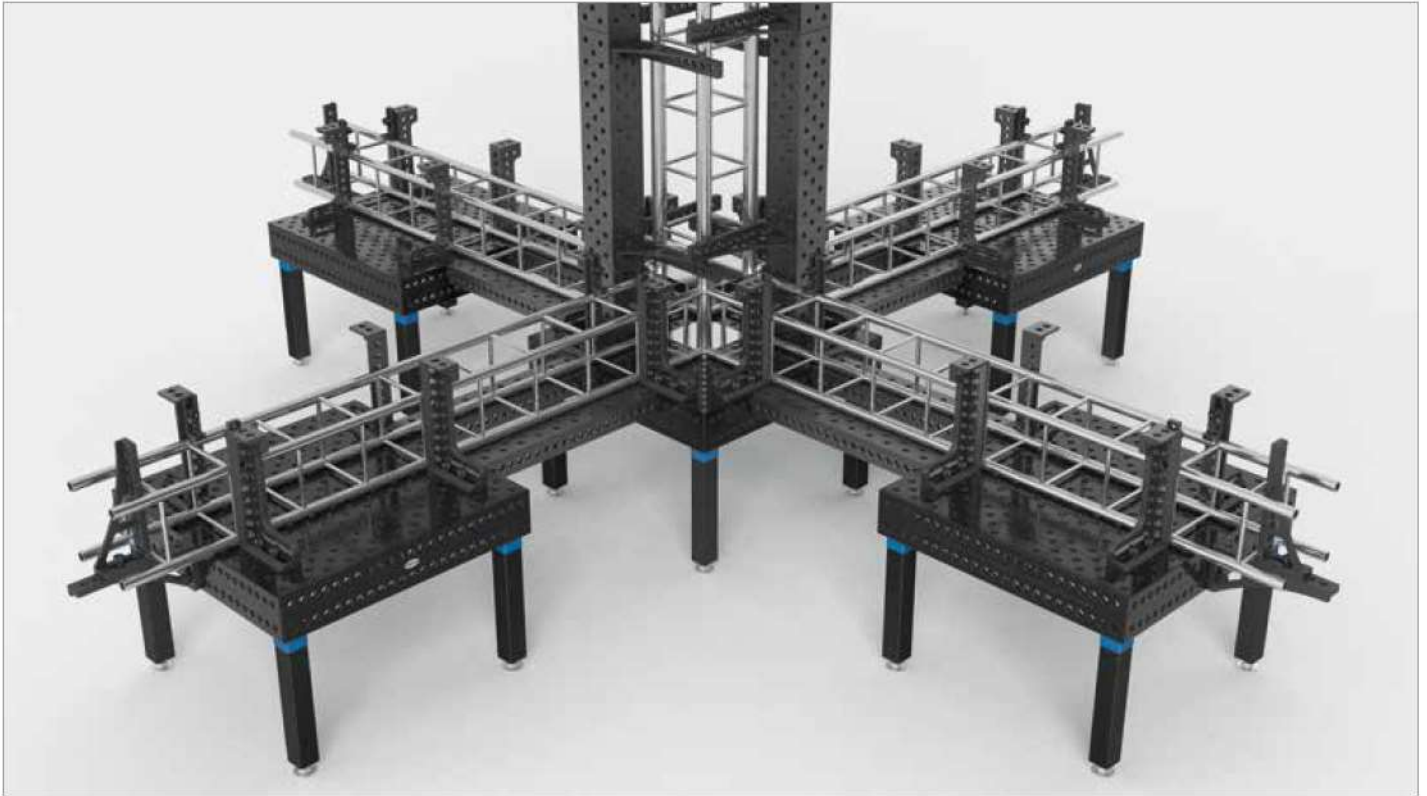
The diagonal hole arrangement enables many clamping- and combination options in connection with other squares and stops.

The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

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

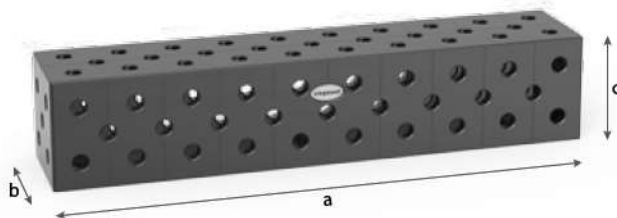




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 500x200x100 Plasma nitrided	500 mm	200 mm	100 mm	approx. 38 kg	2-280310.P ●
Square U-Shape 1000x200x100 Plasma nitrided	1000 mm	200 mm	100 mm	approx. 80 kg	2-280320.P ●
Square U-Shape 1500x200x100 Plasma nitrided	1500 mm	200 mm	100 mm	approx. 115 kg	2-280330.P ●
Square U-Shape 2000x200x100 Plasma nitrided	2000 mm	200 mm	100 mm	approx. 150 kg	2-280340.P ●

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

Square U-Shape 200/200



Description:

Square U-Shape 200/200 (sides 200 mm), ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks are mounted to the table using connector bolts (Item No. 280560).

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

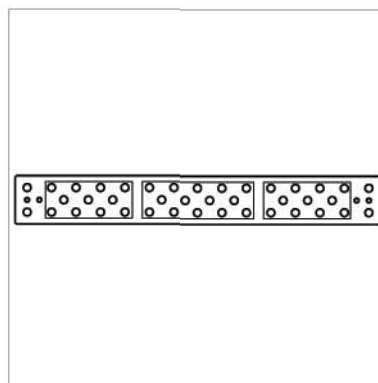
Combined with the legs (Item No. 280376), Riser Blocks can be flexibly used on the foundation rails.

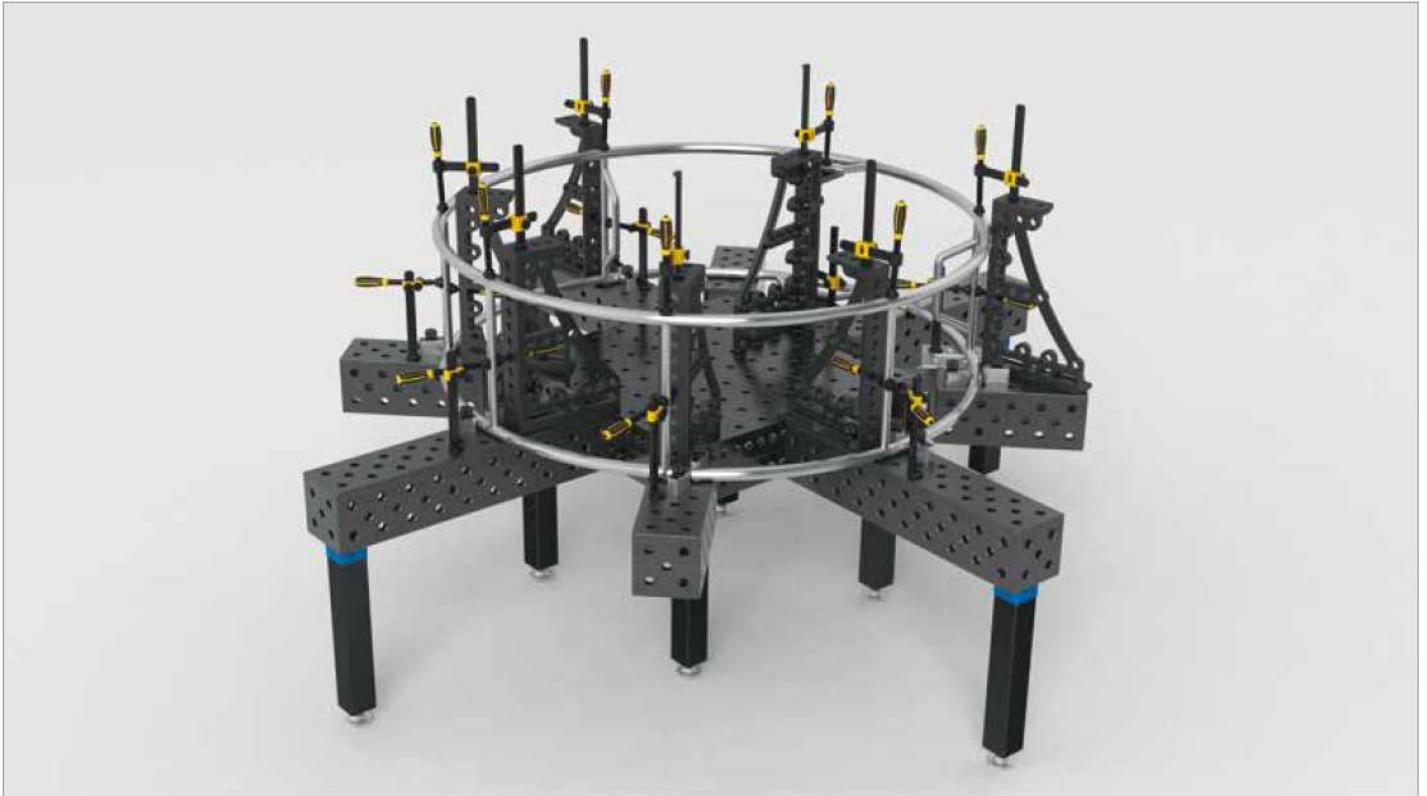
A multitude of clamping- and combination options with other squares and stops are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

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

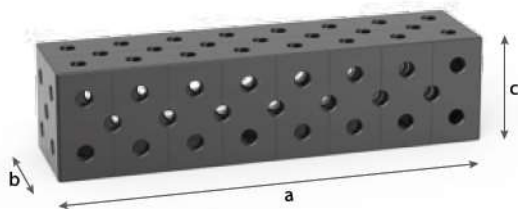




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 200x200x100 Plasma nitrided	100 mm	200 mm	200 mm	approx. 21 kg	2-280396.P ●
Square U-Shape 200x200x200 Plasma nitrided	200 mm	200 mm	200 mm	approx. 32 kg	2-280396.1.P ●
Square U-Shape 500x200x200 Plasma nitrided	500 mm	200 mm	200 mm	approx. 68 kg	2-280360.P ●
Square U-Shape 1000x200x200 Plasma nitrided	1000 mm	200 mm	200 mm	approx. 130 kg	2-280370.P ●
Square U-Shape 1500x200x200 Plasma nitrided	1500 mm	200 mm	200 mm	approx. 190 kg	2-280380.P ●
Square U-Shape 2000x200x200 Plasma nitrided	2000 mm	200 mm	200 mm	approx. 245 kg	2-280390.P ●
Square U-Shape 2400x200x200 Plasma nitrided	2400 mm	200 mm	200 mm	approx. 290 kg	2-280391.P ●
Square U-Shape 3000x200x200 Plasma nitrided	3000 mm	200 mm	200 mm	approx. 365 kg	2-280392.P ●
Square U-Shape 4000x200x200 Plasma nitrided	4000 mm	200 mm	200 mm	approx. 480 kg	2-280394.P ●

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

Square U-Shape 200/200 special size



Description:

Square U-Shape 200/200 (sides 200 mm), ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks are mounted to the table using connector bolts (Item No. 280560).

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

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

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

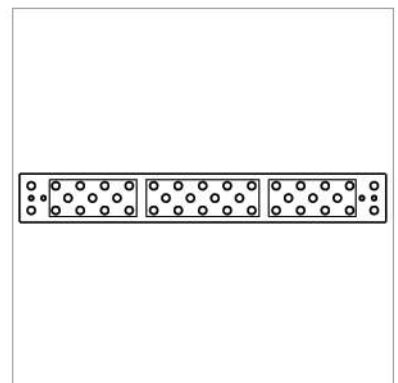
The 100x100 mm grid simplifies orientation.

Discount:

- starting at 5 pieces: 5 %
- starting at 10 pieces: 10 %
- starting at 20 pieces: 15 %

We reserve the right to modify the chamfer design to the new chamfer design.

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

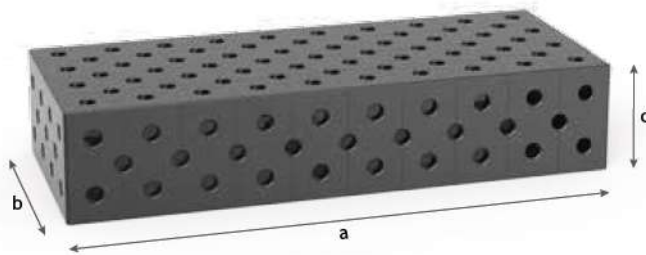




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 600x200x200 Plasma nitrided	600 mm	200 mm	200 mm	approx. 80 kg	2-280362.P ○
Square U-Shape 800x200x200 Plasma nitrided	800 mm	200 mm	200 mm	approx. 110 kg	2-280366.P ○
Square U-Shape 1200x200x200 Plasma nitrided	1200 mm	200 mm	200 mm	approx. 145 kg	2-280374.P ○
Square U-Shape 1400x200x200 Plasma nitrided	1400 mm	200 mm	200 mm	approx. 180 kg	2-280378.P ○
Square U-Shape 1600x200x200 Plasma nitrided	1600 mm	200 mm	200 mm	approx. 200 kg	2-280382.P ○
Square U-Shape 1800x200x200 Plasma nitrided	1800 mm	200 mm	200 mm	approx. 225 kg	2-280386.P ○
Additional sizes upon request					○

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

Square U-Shape 400/200



Description:

Square U-Shape 400/200 (sides 200 mm), is ideally suited as a table extension, for vertical setups, as well as a sturdy connection between two welding tables. Riser Blocks should only be joined to the table using connector bolts (Item No. 280560).

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

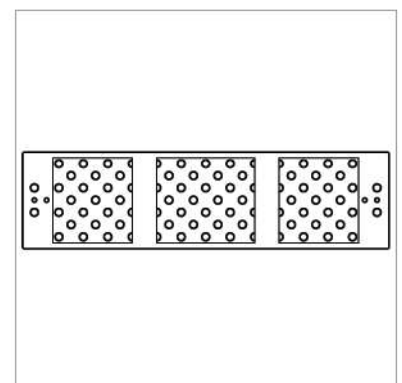
Combined with the legs (Item No. 280371), Riser Blocks can be flexibly used on the foundation rails.

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

The 100x100 mm grid simplifies orientation.

We reserve the right to modify the chamfer design to the new chamfer design.

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

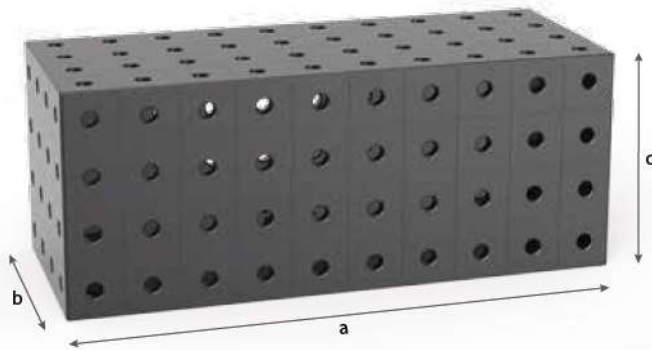




	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 500x400x200 Plasma nitrided	500 mm	400 mm	200 mm	approx. 105 kg	2-280360.2.P ●
Square U-Shape 1000x400x200 Plasma nitrided	1000 mm	400 mm	200 mm	approx. 200 kg	2-280370.2.P ●
Square U-Shape 1200x400x200 Plasma nitrided	1200 mm	400 mm	200 mm	approx. 230 kg	2-280374.2.P ○
Square U-Shape 1500x400x200 Plasma nitrided	1500 mm	400 mm	200 mm	approx. 285 kg	2-280380.2.P ●
Square U-Shape 2000x400x200 Plasma nitrided	2000 mm	400 mm	200 mm	approx. 370 kg	2-280390.2.P ●
Square U-Shape 2400x400x200 Plasma nitrided	2400 mm	400 mm	200 mm	approx. 430 kg	2-280391.2.P ○
Square U-Shape 3000x400x200 Plasma nitrided	3000 mm	400 mm	200 mm	approx. 535 kg	2-280392.2.P ●
Square U-Shape 4000x400x200 Plasma nitrided	4000 mm	400 mm	200 mm	approx. 700 kg	2-280394.2.P ○

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

Square U-Shape 400/400



Description:

Square U-Shape 400/400 (sides 400 mm), for working with superstructures and heavy work pieces. Riser Blocks are firmly screwed by using connector bolts (Item No. 280560).

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

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

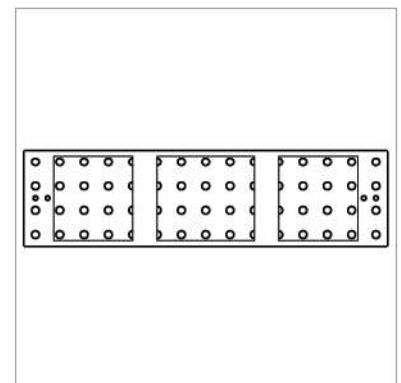
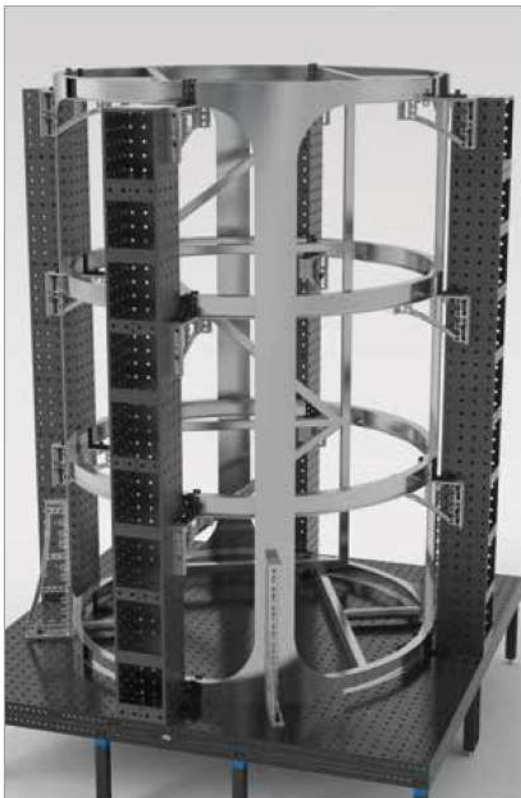
A multitude of clamping- and connection options, using different Riser Blocks and Stops, are facilitated by the five-sided bore holes and the optional diagonal hole arrangement.

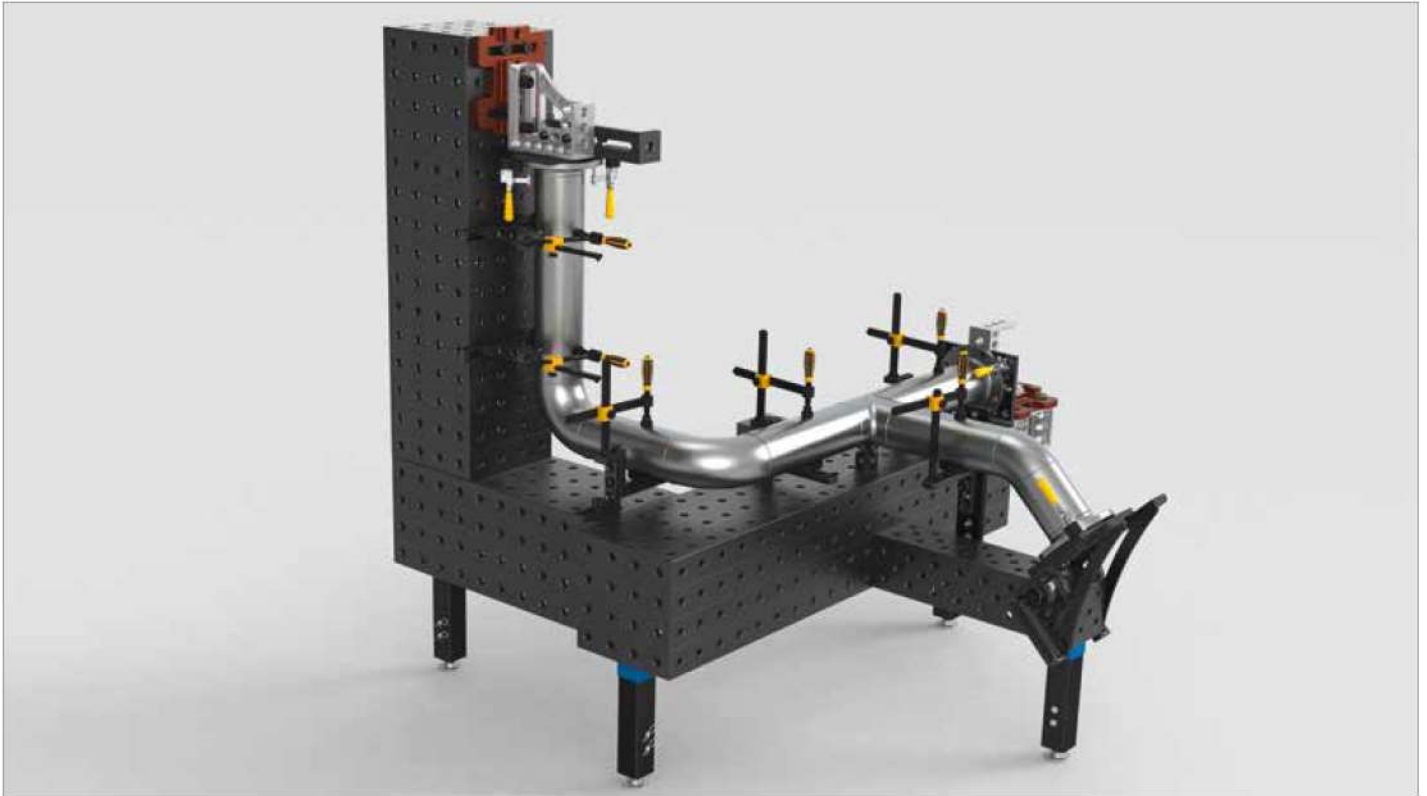
The 100x100 mm grid simplifies orientation.

Diagonal grid upon request.

We reserve the right to modify the chamfer design to the new chamfer design.

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



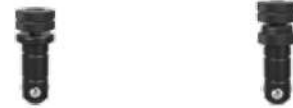


	Length: (a)	Width: (b)	Height: (c)	Weight:	Plasma nitrided
Square U-Shape 500x400x400 Plasma nitrided	500 mm	400 mm	400 mm	approx. 180 kg	2-280360.3.P ○
Square U-Shape 1000x400x400 Plasma nitrided	1000 mm	400 mm	400 mm	approx. 325 kg	2-280370.3.P ●
Square U-Shape 1200x400x400 Plasma nitrided	1200 mm	400 mm	400 mm	approx. 375 kg	2-280374.3.P ○
Square U-Shape 1500x400x400 Plasma nitrided	1500 mm	400 mm	400 mm	approx. 455 kg	2-280380.3.P ○
Square U-Shape 2000x400x400 Plasma nitrided	2000 mm	400 mm	400 mm	approx. 585 kg	2-280390.3.P ●
Square U-Shape 2400x400x400 Plasma nitrided	2400 mm	400 mm	400 mm	approx. 685 kg	2-280391.3.P ○
Square U-Shape 3000x400x400 Plasma nitrided	3000 mm	400 mm	400 mm	approx. 585 kg	2-280392.3.P ●
Square U-Shape 4000x400x400 Plasma nitrided	4000 mm	400 mm	400 mm	approx. 1100 kg	2-280394.3.P ●

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

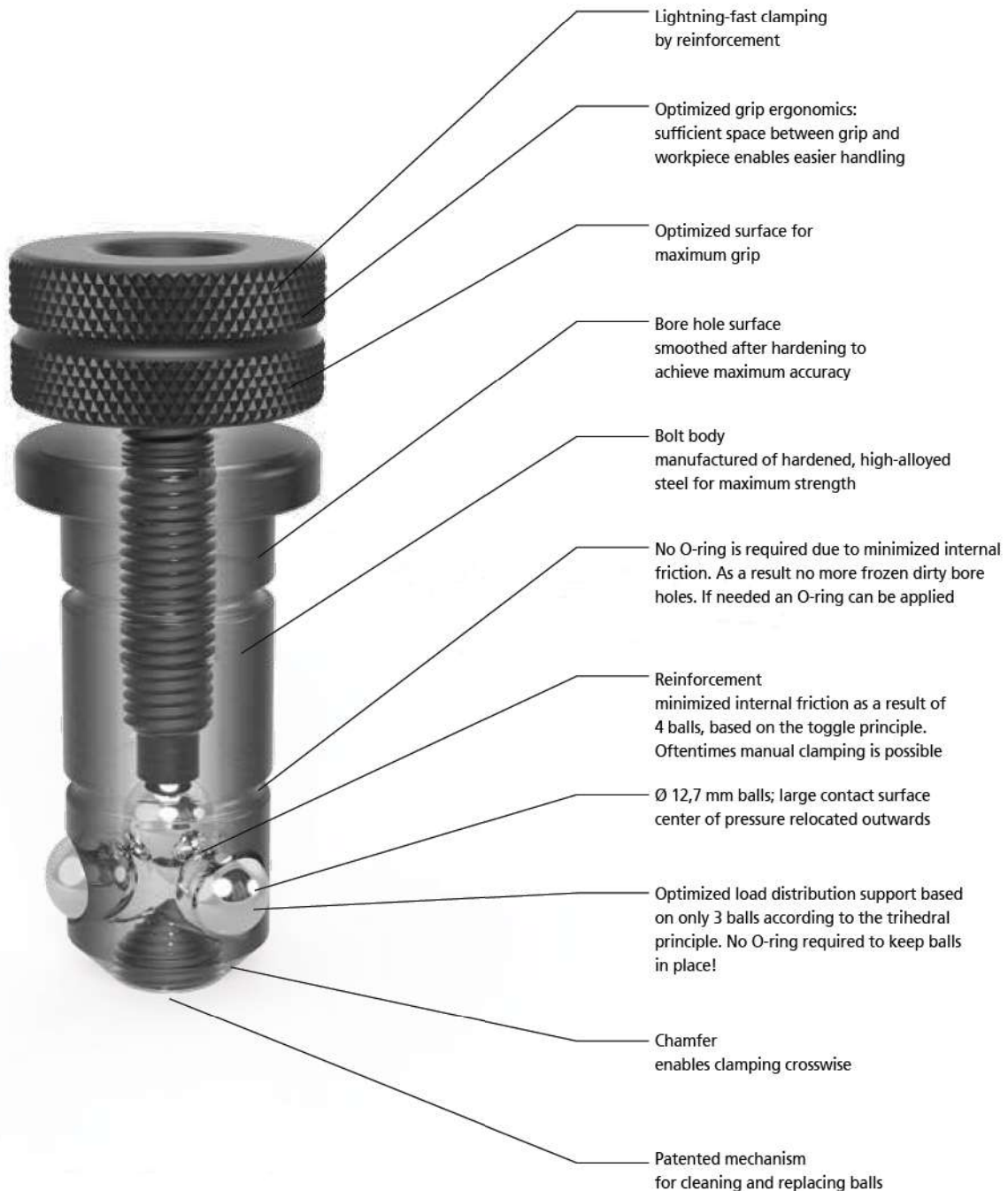


	Page
Bolts	298
Fast Clamping Bolt / Universal Bolt Comfort	300
Universal Bolt Basic / Positioning Bolt	302
Fast Clamping Bolt, flat / Flush Mount Bolt	304
Connecting Bolt / Connecting Bolt, hexagonal	306
Spare parts Bolt	308
Magnetic Clamping Bolt	310



Lightning-fast and optimized

DUE TO ITS WELL-ENGINEERED MECHANISM IT CAN BE FIXED AND RELEASED BY HAND WITHIN SECONDS.

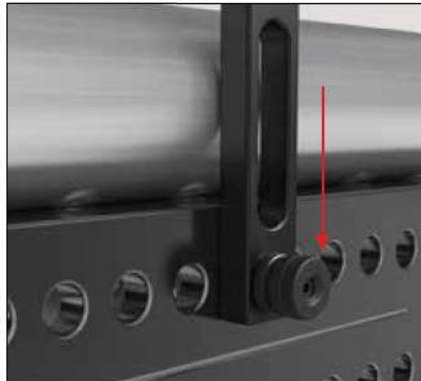




TIGHTENING TORQUE (AM)

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.

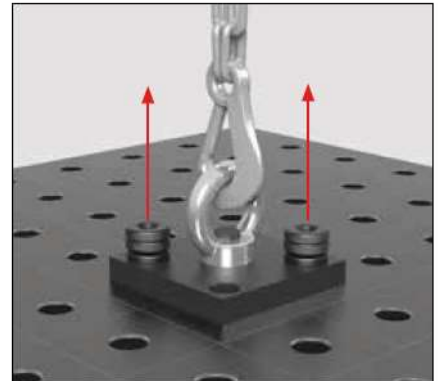
Max. AM of 280510: ≤ 25 Nm



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



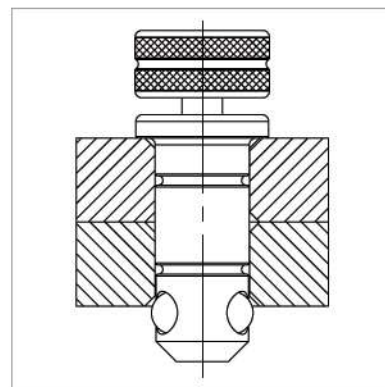
280510

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	95 mm	28 mm	0,54 kg	220,00 kN	25,00 Nm	25,00 kN	2-280510 ●
Fast Clamping Bolt long - for clamping 3 components - Burnished	120 mm	28 mm	0,65 kg	220,00 kN	25,00 Nm	25,00 kN	2-280512 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

Universal Bolt, Comfort



Description:

Burnished Universal Bolt (locking bolt), perfect connection element for Siegmund elements. It is used when elements of different material thickness are being interconnected. The clamping range of the short Universal Bolt is 45 to 53 mm. The long Universal Bolt has a clamping range of 70 to 78 mm. The large balls shift the center of pressure towards the outside, and prevent a displacement of the material due to low surface pressure, when there are high clamping forces in the direction of the bore hole.

The Universal Bolt is clamped with the integrated handwheel or with a Allen Key 14 (Item No. 280854).

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



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
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 ●
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 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

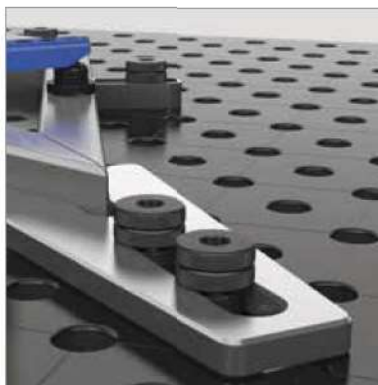
● = Stock item / ○ = Item is made to order

Universal Bolt Basic



280536

280537



Description:

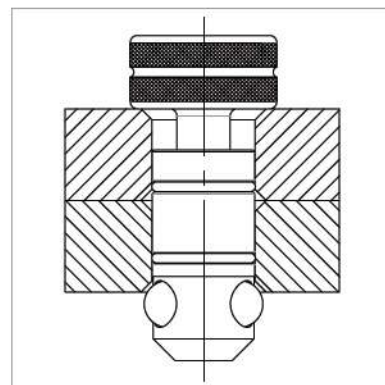
Burnished Universal Bolt Basic, perfect connection element for Siegmund elements. It is used when elements of different material thickness are being interconnected. The clamping range of the Universal Bolt Basic is 42 to 57 mm.

The Universal Bolt Long has a clamping range of 67 to 82 mm. The Universal Bolt Comfort is self centered inside the drillholes by the O-ring. The large balls shift the center of pressure towards the outside, and prevent a displacement of the material due to low surface pressure, when there are high clamping forces in the direction of the bore hole.

The Universal Bolt Comfort is clamped with the integrated handwheel or with an Allen Key 14 (Item No. 280854).

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

The borehole should be cleaned with the brush before using this simple, inexpensive bolt.



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
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 ●
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 ○

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

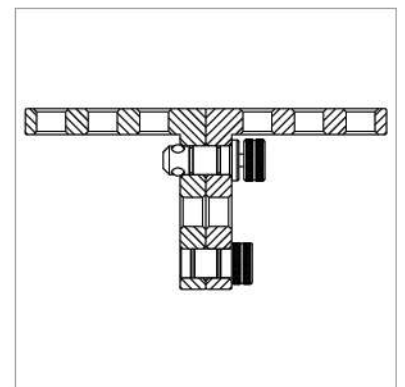
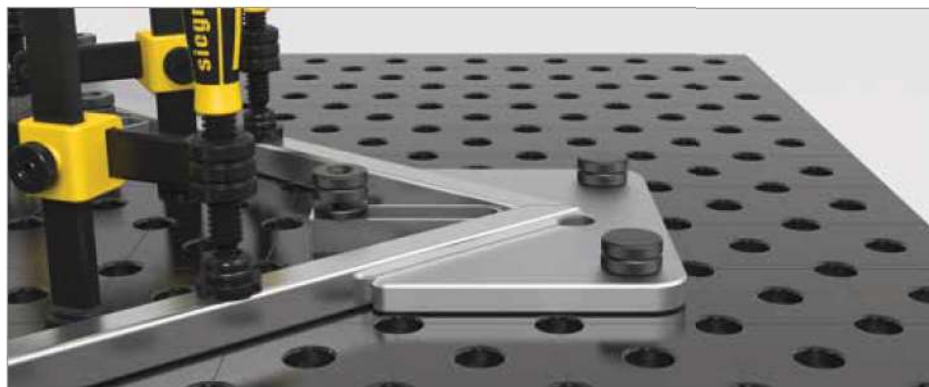
Positioning Bolt

Description:

Positioning Bolt, serves as an adjustment tool for squares that only require a clamping bolt for fastening, in order to cost-effectively substitute for a second clamping bolt. In addition, various squares can be formed by spading, e.g. 90° or 45°.

This picture shows an application example of a customer generated template.

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



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

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

Fast Clamping Bolt, flat



280522

280523

Description:

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

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



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
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 ●
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 ●
Setscrew for 280522 - pack of 10							2-289020 ●
Setscrew for 280523 - pack of 10							2-289013 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

Flush Mount Bolt

Description:

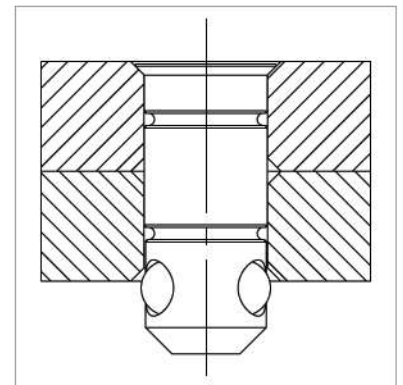
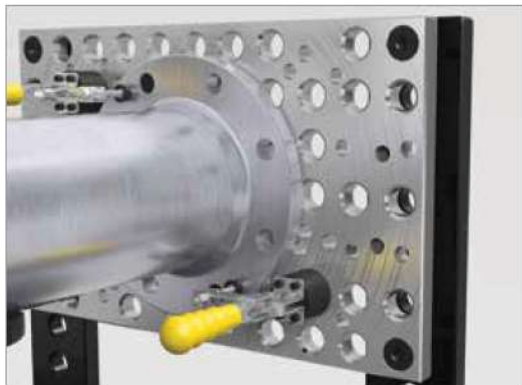
Flush Mount Bolt, used as a hidden connection between Siegmund elements. Its design corresponds with other connecting bolts with four balls. Its head disappears into the bore hole, to make it flush with the clamped component. The Flush Mount Bolt is not suitable for use in oblong slots.

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



280528

280529



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
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 ●
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 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

Connecting Bolt



280560



280561



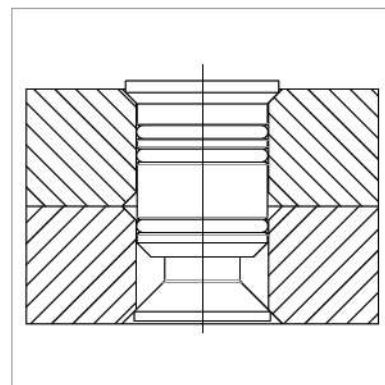
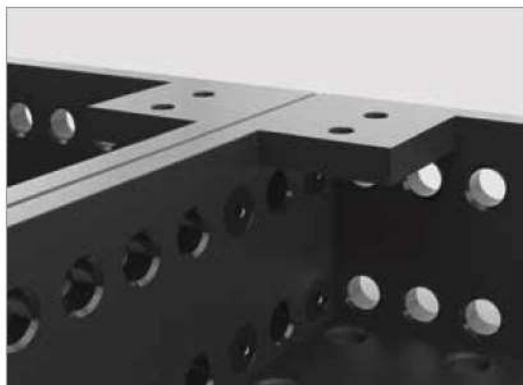
280562

Description:

Burnished Flushmount Connecting Bolt, especially designed to serve as a fixed long-term connection between large Siegmund components, e.g. tables or U-shaped squares.

The flush mount Allen Key, and the ability of the clamping bolt to center itself, facilitate simple assembly. The countersunk head and the countersunk-head screw are equipped with a 10 hexagonal bit for clamping.

The Connecting Bolt enables sturdy bolting without obstructing, therefore it is perfect for concealed uses. The Connecting Bolt is not suitable for the use in oblong slots.



	Length: (a)	Ø: (o)	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt short - for connecting 2 components - Burnished	50 mm	28 mm	0,12 kg	200,00 kN	25,00 Nm	10,00 kN	2-280560 ●
Connecting Bolt long - for connecting 3 components - Burnished	75 mm	28 mm	0,20 kg	200,00 kN	25,00 Nm	10,00 kN	2-280561 ●
Connecting Bolt long - for connecting 4 components - Burnished	100 mm	28 mm	0,34 kg	200,00 kN	25,00 Nm	10,00 kN	2-280562 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

Connecting Bolt, hexagonal

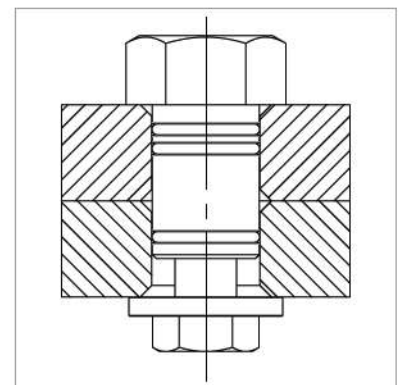
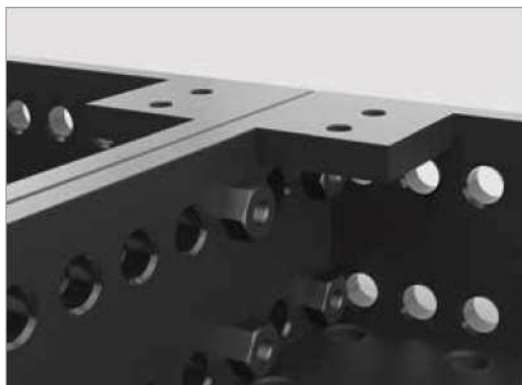
Description:

Burnished Connecting Bolt Hexagonal, especially designed as a fixed long term connection for system bore holes. The self-centering clamping bolt simplifies assembly.

The Connecting Bolt is clamped with an Allen Key 36 and 24.



280550.1



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

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;

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

Spare Parts for Bolts



280510.1



280512.1



280501



280653



289007.10



289009.10



289010.10



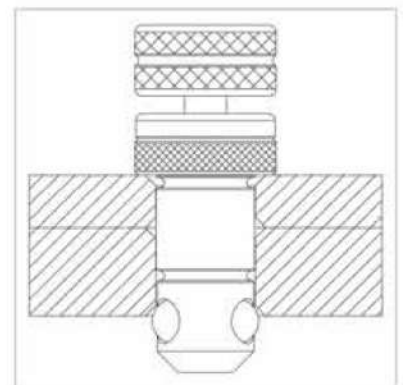
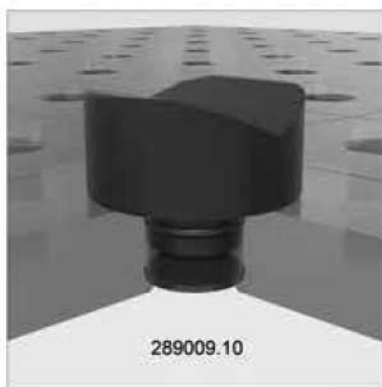
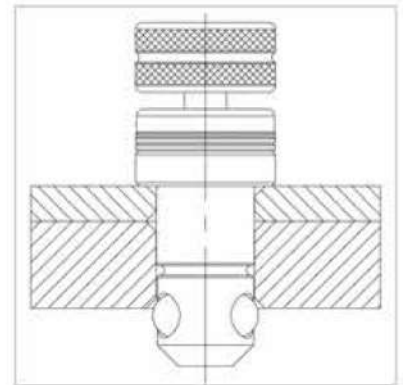
289016.10



289102

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Threaded Handwheel with Internal Allen Wrench short - Spare part for Fast Clamp Bolt 280510	70 mm		40 mm	0,23 kg	2-280510.1 ●
Threaded Handwheel with Internal Allen Wrench long - Spare part for Fast Clamp Bolt 280512	95 mm		40 mm	0,30 kg	2-280512.1 ●
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 ●
Adjusting Ring		10 mm	28 mm	0,05 kg	2-280653 ●
Balls - for system 28 clamping bolts - pack of 10					2-289007.10 ●
O-Ring, inside diameter 22 mm - for system 28 clamping bolts, prisms and positioning bolts - pack of 10					2-289009.10 ●
O-Ring, inside diameter 24 mm - for all system 28 clamping bolts - pack of 10					2-289010.10 ●
O-Ring, inside diameter 31 mm - for system 28 universal bolts comfort - pack of 10					2-289016.10 ●
Spare Parts for Bolts, old Version with O-rings + Balls - 10x 289009, 10x 289007, 10x 289010					2-289102 ●

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



Magnetic Clamping Bolt



280740



280740.1



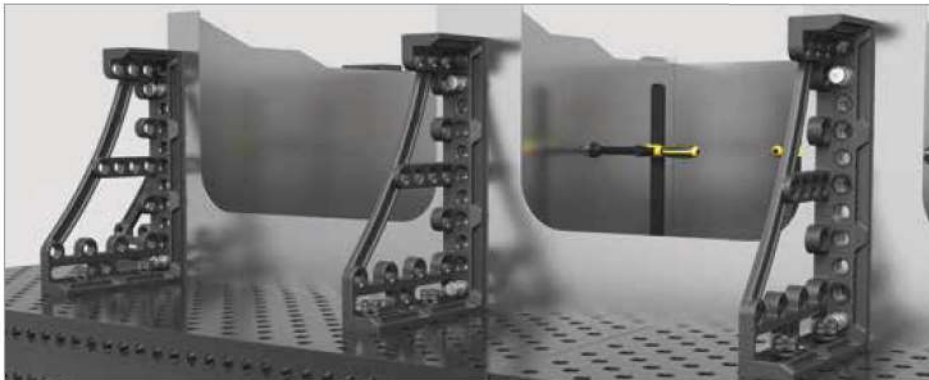
280740.2

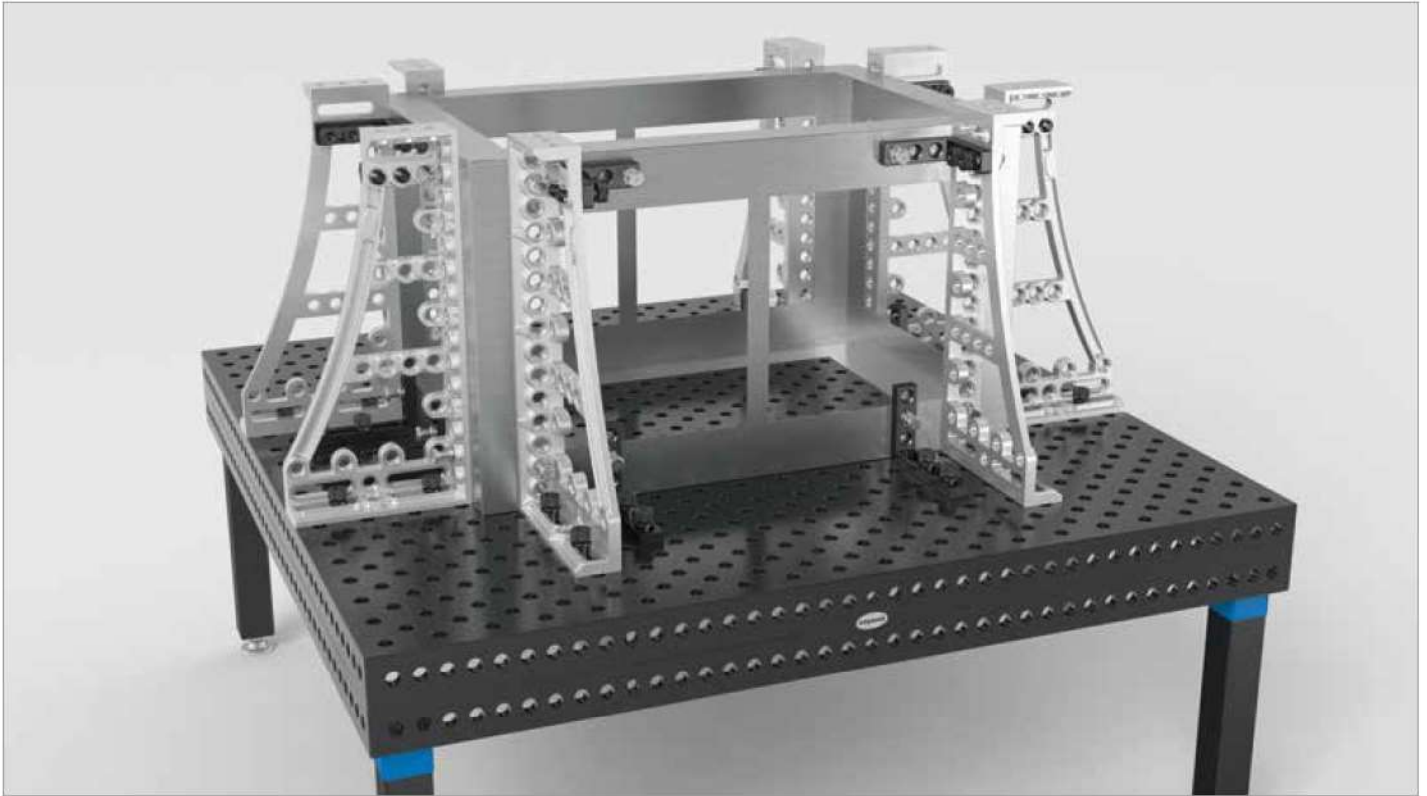


280741

Description:

Magnetical Clamping Bolt, enables fast clamping without bolting or the use of tools. It is preferable for pressure-sensitive parts like thin sheet metal, as well as elements that cannot be resisted, e.g. enclosed sheet metal housing.





	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Magnetic Clamping Bolt 68 - Length of Shaft 25 mm - Aluminum	68 mm		34 mm	0,09 kg	2-280740 ●
Magnetic Clamping Bolt 93 - Length of Shaft 50 mm - Aluminum	93 mm		34 mm	0,13 kg	2-280740.1 ●
Magnetic Clamping Bolt 118 - Length of Shaft 75 mm - Aluminum	118 mm		34 mm	0,16 kg	2-280740.2 ●
Spacer Ring for magnetic bolt		25 mm	40 mm	0,12 kg	2-280741 ●

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



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Clamps & Accessories

You can also find the product video on:

www.siegmund.com/V280610



280618

280679

280644
200 mm

280678
200 mm

280653

280677.3
800 mm

280677.2
500 mm

280677.1
300 mm

280677
250 mm

280634.2
170 mm

280634.1
135 mm

280634
100 mm

280636.2
170 mm

280636.1
135 mm

280636
100 mm

280635.2
170 mm

280635.1
135 mm

280635
83 mm

Ø 35	280660 Burnished	280660.E Stainless Steel	280660.P Polyamide
	280650 Burnished	280650.A Aluminum	280650.P Polyamide
	280657.1 Burnished	280658 Stainless Steel	280659 Polyamide

Ø 40

Ø 40

All items pertaining to 280604 can be found on pages 329. Prisms for Screw Clamps on pages 338; 340; 341.

Professional Screw Clamp



Description:

Professional Screw Clamp, enables fast, powerful and exact clamping with a variety of welding elements. Achieve maximum efficiency through time-saving, quick adjustments and effortless disassembly. For individual modification, we offer special lengths of horizontal and vertical bars. The dimensions of the horizontal bar are 30x10 mm. The dimensions of the vertical bar are 30x14 mm. Additionally, the vertical bar is reinforced.

To safely fasten every kind of welding element, the prisms are interchangeable. For suitable prisms, see page 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted within seconds. Due to the hexagonal Allen insert, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque-limiting wrench.



280610



280610.5

Standard model

Professional Screw Clamp

maximum load:

5 kN

Weight:

2,70 kg

Item No.

2-280610 ●

Professional Screw Clamp special size

2-280610.5 ○

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



280634

280635

280636

280631

280632

280618

280617

280662

Spare parts, special sizes and parts for a individual configuration

Threaded Arbor 100 for 280610, 280612, 280630 - standard = 100	100 mm 2-280634 ●	135 mm 2-280634.1 ●	170 mm 2-280634.2 ●	special size 2-280634.5 ○
Threaded Arbor with hexagon - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635 ●	135 mm 2-280635.1 ●	170 mm 2-280635.2 ●	special size 2-280635.5 ○
Threaded Arbor 100 with toggle - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636 ●	135 mm 2-280636.1 ●	170 mm 2-280636.2 ●	special size 2-280636.5 ○
Horizontal Bar for 280610 - standard = 200 - without Bushing 280618, please order separately	200 mm 2-280631 ●	350 mm 2-280631.1 ●	500 mm 2-280631.2 ●	special size 2-280631.5 ○
Vertical Bar for 280610, 280615 - standard = 310 - Vertical Bar reinforced	310 mm 2-280632 ●	500 mm 2-280632.1 ●	800 mm 2-280632.2 ●	special size 2-280632.5 ○
Thread Bushing Tr 20x4 - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished				2-280618 ●
Cast Iron Cross for 280610, 280611, 280615 - without handwheel				45 mm 2-280617 ●
Handwheel for Screw Clamp - for 280610, 280612, 280630, 280750				25 mm 2-280662 ●

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



Professional Screw Clamp XL



Description:

The Professional Screw Clamp XL was especially designed for tasks that require special effort.

In order to safely fasten all kinds of welding elements with the screw clamp, the prism is interchangeable. For suitable prisms see page 338.

The horizontal and vertical bar is available in various lengths. The dimensions of the flat bar in use are 35x14 mm.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly. Due to the countersunk hexagonal Allen Wrench, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque wrench.



280612



280612.5

Standard model

Professional Screw Clamp XL

maximum load:

7 kN

Weight:

3,40 kg

Item No.

2-280612 ●

Professional Screw Clamp XL special size

2-280612.5 ○

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



280634



280635



280636



280638



280639



280618



280617.1



280662

Spare parts, special sizes and parts for a individual configuration**Threaded Arbor 100 for 280610, 280612, 280630**
- standard = 100

100 mm	135 mm	170 mm	special size
2-280634 ●	2-280634.1 ●	2-280634.2 ●	2-280634.5 ○

Threaded Arbor with hexagon
- standard = 83
- Trapezoid Thread 20 x 4 mm

83 mm	135 mm	170 mm	special size
2-280635 ●	2-280635.1 ●	2-280635.2 ●	2-280635.5 ○

Threaded Arbor 100 with toggle
- standard = 100
- Trapezoid Thread 20 x 4 mm

100 mm	135 mm	170 mm	special size
2-280636 ●	2-280636.1 ●	2-280636.2 ●	2-280636.5 ○

Horizontal Bar 200 for 280612- standard = 200
- without Bushing 280618, please order separately

200 mm	350 mm	500 mm	special size
2-280638 ●	2-280638.1 ●	2-280638.2 ●	2-280638.5 ○

Vertical Bar 310 for 280612- standard = 310
- Vertical Bar reinforced

310 mm	500 mm	800 mm	special size
2-280639 ●	2-280639.1 ●	2-280639.2 ●	2-280639.5 ○

Thread Bushing Tr 20x4- Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor
- Burnished

2-280618 ●

Cast Iron Cross for 280612

- without handwheel

52 mm ●
2-280617.1 ●**Handwheel for Screw Clamp**

- for 280610, 280612, 280630, 280750

25 mm ●
2-280662 ●

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



Professional Screw Clamp 45°/90°



Description:

The Professional Screw Clamp 45°/90° replaces conventional 45° or 90° screw clamps. This Screw Clamp sets new standards because of its infinitely variable rotatability from 0°-360°.

To fasten every kind of welding part with the clamps, the prisms are interchangeable.

For suitable prisms see page 338.

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

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly.

Through the countersunk hexagonal Allen Wrench, located at the top of the handle, the force of the clamp can be adjusted precisely by a torque wrench. Additionally, the vertical bar is reinforced.



280630



280630.S

Standard model

Professional Screw Clamp 45°/90°

maximum load:

5 kN

Weight:

2,30 kg

Item No.

2-280630 ●

Professional Screw Clamp 45°/90° special size

2-280630.S ○

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



280634.2 280635.2 280636.2 280633 289108 280617.2 280662 289109

Spare parts, special sizes and parts for a individual configuration

Threaded Arbor for 280610, 280612, 280630 - standard = 170	100 mm 2-280634	135 mm 2-280634.1	170 mm 2-280634.2	special size 2-280634.5
Threaded Arbor with hexagon - standard = 83 - Trapezoid Thread 20 x 4 mm	83 mm 2-280635	135 mm 2-280635.1	170 mm 2-280635.2	special size 2-280635.5
Threaded Arbor 100 with toggle - standard = 100 - Trapezoid Thread 20 x 4 mm	100 mm 2-280636	135 mm 2-280636.1	170 mm 2-280636.2	special size 2-280636.5
Vertical Bar 310 for 280630 - standard = 310 - Vertical Bar reinforced	310 mm 2-280633	500 mm 2-280633.1	800 mm 2-280633.2	special size 2-280633.5
Bushing for Threaded Arbor - spare part for 280630				42 mm 2-289108
Cast Iron Cross for 280630 - without handwheel				70 mm 2-280617.2
Handwheel for Screw Clamp - for 280610, 280612, 280630, 280750				25 mm 2-280662
Disc - spare part for 280630 - with countersunk bolt M10x25				10 mm 2-289109

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



Professional Fast Tension Clamp



Description:

The Professional Fast Tension Ratchet Clamp is used to clamp welding parts quickly and powerfully. The force can be set individually with the grating.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the possibility to order spare parts individually.

With the new handwheel on the cast iron cross, the height can be adjusted quickly.



280615



280615.S

Standard model

Professional Fast Tension Clamp

maximum load:

5 kN

Weight:

2,00 kg

Item No.

2-280615 ●

Professional Fast Tension Clamp special size

2-280615.S ○

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



Spare parts, special sizes and parts for a individual configuration				
Horizontal Bar with Fast Clamping Function 200 for 280615 - standard = 200	200 mm	350 mm	500 mm	special size
	2-280637 ●	2-280637.1 ●	2-280637.2 ●	2-280637.5 ○
Vertical Bar for 280610, 280615 - standard = 310 - Vertical Bar reinforced	310 mm	500 mm	800 mm	special size
	2-280632 ●	2-280632.1 ●	2-280632.2 ●	2-280632.5 ○
Cast Iron Cross for 280610, 280611, 280615 - without handwheel			45 mm	●
			2-280617	
Handwheel for Screw Clamp - for 280610, 280612, 280630, 280750			25 mm	●
			2-280662	

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



Vertical Round Pipe + Cast Iron Cross



280617.4



280617.6



280642



280653

Vertical Pipe 310
- standard = 300

300 mm ●
2-280642

500 mm ●
2-280642.1

800 mm ●
2-280642.2

special size ○
2-280642.5

Adjusting Ring

2-280653 ●

Cast Iron Cross
- without handwheel

67 mm ●
2-280617.4

Cast Iron Cross for 280631, 280642
- without handwheel

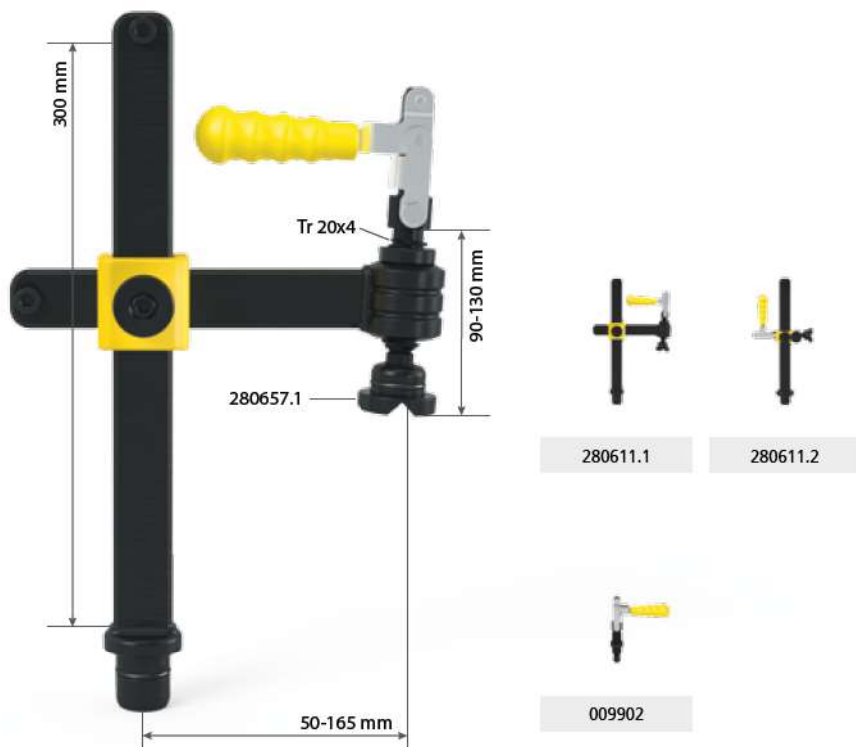
69 mm ●
2-280617.6

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

APPLICATION EXAMPLE UPON REQUEST



Professional Screw Clamp with vertical action toggle



Description:

The Professional Screw Clamp with vertical clamp ensures quick and effortless clamping. Maximum clamping stability is achieved as a result of vertical clamping from above. The special feature of this screw clamp is the stronger clamping stroke in comparison to conventional fast tension clamps.

With the new handwheel on the cast iron cross, the height can be adjusted quickly.

Vertical bar is hardened.

To fasten every kind of welding part, the prisms are interchangeable. For suitable prisms, see page 338.



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

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

Fast Tension Clamp, Standard

Description:

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

The Clamp is available in various sizes.



280616



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

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

Basic Pipe Clamp Universal

Description:

Basic Pipe Clamp Universal, with swiveling Arbor enables flexible clamping at a ± 42 degree angle. This Pipe Clamp combines the advantages of conventional 45° or 90° clamps. It can be used at an angle as well as straight, resulting in additional clamping options and a more variable clamping range.

The horizontal round tube with a length of 200 mm is fully adjustable and creates, combined with the swiveling arbor, a variable clamping range. The length of the vertical pipe is 250 mm. To safely fasten different welding parts, the prisms are interchangeable.

For compatible prisms, see page 338. A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually.

To integrate the vertical pipe into the system bore holes, an adjusting ring is used (Item No. 280653). As a standard feature, the Round Pipe Clamp Universal is equipped with a 135 mm threaded arbor.



280604



280604.5

Standard model

Basic Pipe Clamp Universal

maximum load:

3 kN

Weight:

2,30 kg

Item No.

2-280604 ●

Basic Pipe Clamp Universal special size

2-280604.5 ○

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



280634.1



280635



280636



280678



280677



280679



280653

Spare parts, special sizes and parts for a individual configuration

Threaded Arbor 100 for 280610, 280612, 280630
- standard = 135

100 mm	135 mm	170 mm	special size
2-280634	2-280634.1	2-280634.2	2-280634.5

Threaded Arbor with hexagon
- standard = 83
- Trapezoid Thread 20 x 4 mm

83 mm	135 mm	170 mm	special size
2-280635	2-280635.1	2-280635.2	2-280635.5

Threaded Arbor 100 with toggle
- standard = 100
- Trapezoid Thread 20 x 4 mm

100 mm	135 mm	170 mm	special size
2-280636	2-280636.1	2-280636.2	2-280636.5

Horizontal Round Pipe 200 for 280604
- standard = 200

200 mm	special size
2-280678	2-280678.5

Vertical Round Pipe 250 for 280604, 280625
- standard = 250
- 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	2-280677.5

Arbor Thread
- spare part for 280604

42 mm
2-280679

Adjusting Ring

2-280653

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



Basic Pipe Clamp 90°



Description:

Round Tube Clamp 90°, enables precise and powerful clamping of components at a 90 degree angle relative to the system bore holes. The clamp can be smoothly rotated by 360°, therefore allowing free positioning.

To safely fasten different welding elements, the prisms are interchangeable. For compatible prisms see 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts separately.

To integrate the vertical pipe into the system bore holes, an adjusting ring is used (Item No. 280653).



280608



280608.S

Standard model

Basic Pipe Clamp 90°

maximum load:

Weight:

Item No.

3 kN

1,40 kg

2-280608 ●

Basic Pipe Clamp 90° special size

1,40 kg

2-280608.S ○

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



280634



280635



280636



280676



280653

Spare parts, special sizes and parts for a individual configuration
Threaded Arbor 100 for 280610, 280612, 280630

- standard = 100

100 mm

2-280634 ●

135 mm

2-280634.1 ●

170 mm

2-280634.2 ●

special size

2-280634.5 ○

Threaded Arbor with hexagon

- standard = 83

- Trapezoid Thread 20 x 4 mm

83 mm

2-280635 ●

135 mm

2-280635.1 ●

170 mm

2-280635.2 ●

special size

2-280635.5 ○

Threaded Arbor 100 with toggle

- standard = 100

- Trapezoid Thread 20 x 4 mm

100 mm

2-280636 ●

135 mm

2-280636.1 ●

170 mm

2-280636.2 ●

special size

2-280636.5 ○

Vertical Round Pipe 200 for 280608

- standard = 200

200 mm

2-280676 ●

300 mm

2-280676.1 ●

500 mm

2-280676.2 ●

800 mm

2-280676.3 ●

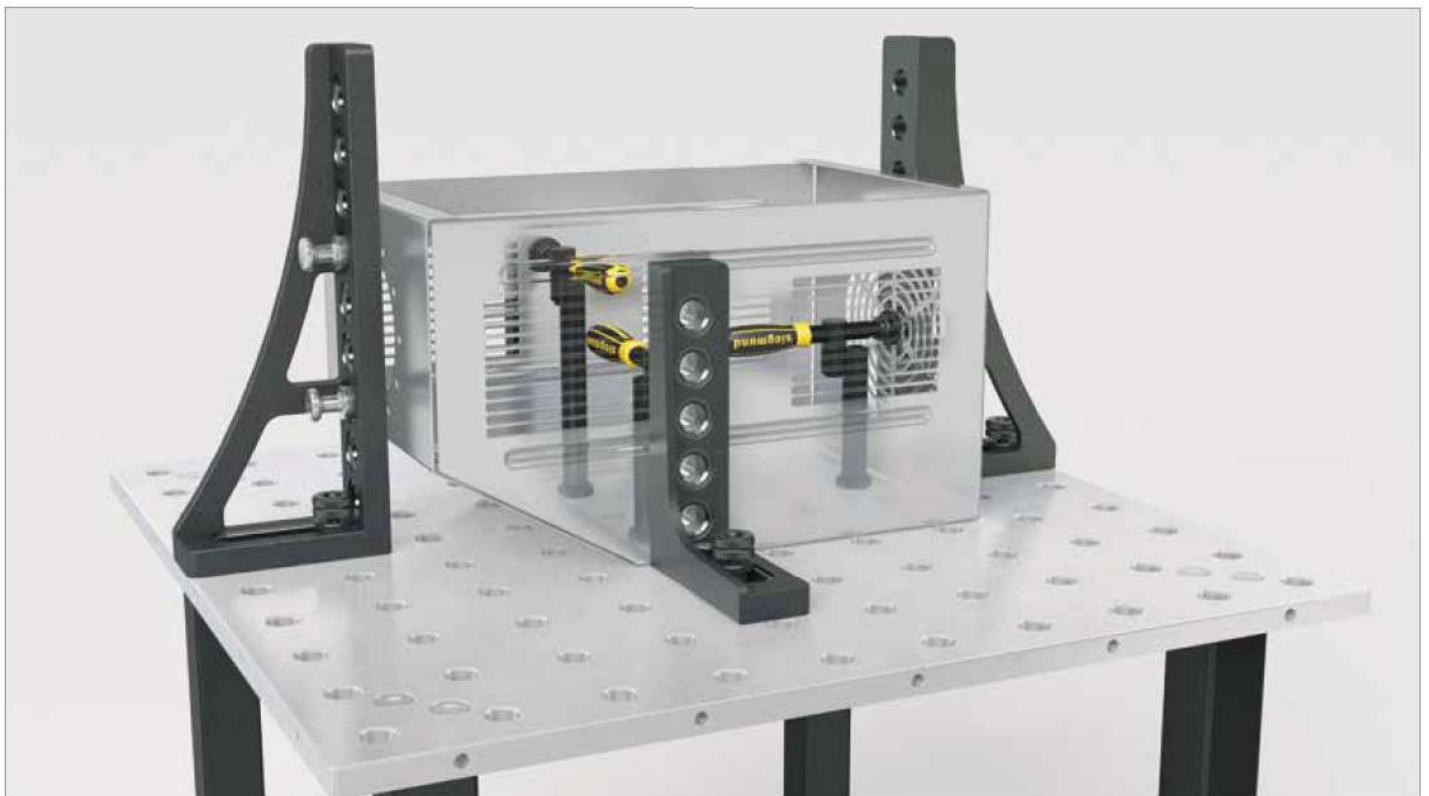
special size

2-280676.5 ○

Adjusting Ring

2-280653 ●

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



Basic Pipe Clamp 180°



Description:

Basic Pipe Clamp 180°, enables precise and powerful clamping of components at a 180° angle relative to the system bore holes. Due to the round pipe the clamp can be easily and quickly adjusted horizontally, within a range of 45-180 mm. The length of the vertical pipe is 250 mm.

To safely fasten different welding elements, the prisms are interchangeable. For compatible prisms see page 338.

A long lifetime and efficiency is guaranteed by the burnished material, as well as the option to order replacement parts individually. To secure the vertical pipe in the system bore holes, an Adjusting Ring (Item No. 280653) is used.

The length of the spindle is 100 mm.



280625



280625.S

Standard model

Basic Pipe Clamp 180°

maximum load:

3 kN

Weight:

2,30 kg

Item No.

2-280625 ●

Basic Pipe Clamp 180° special size

2-280625.S ○

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



280634

280635

280636

280644

280677

280653

280618

Spare parts, special sizes and parts for a individual configuration

Threaded Arbor 100 for 280610, 280612, 280630
- standard = 100

100 mm	135 mm	170 mm	special size
2-280634	2-280634.1	2-280634.2	2-280634.5

Threaded Arbor with hexagon
- standard = 83
- Trapezoid Thread 20 x 4 mm

83 mm	135 mm	170 mm	special size
2-280635	2-280635.1	2-280635.2	2-280635.5

Threaded Arbor 100 with toggle
- standard = 100
- Trapezoid Thread 20 x 4 mm

100 mm	135 mm	170 mm	special size
2-280636	2-280636.1	2-280636.2	2-280636.5

Horizontal Round Pipe 200 for 280625
- standard = 200

200 mm	special size
2-280644	2-280644.5

Vertical Round Pipe 250 for 280604, 280625
- standard = 250
- 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	2-280677.5

Thread Bushing Tr 20x4
- Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor
- Burnished

2-280618

Adjusting Ring

2-280653

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



Adapter 45°



280663



280663.1



Description:

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

Adapter 45°

- for screw clamp 280610
- Burnished

Length: (a)

Width: (b)

Height: (c)

Weight:

Item No.

75 mm

30 mm

55 mm

0,18 kg

2-280663 ●

Adapter 45°

- for screw clamp XL 280612
- Burnished

75 mm

30 mm

60 mm

0,18 kg

2-280663.1 ●

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

Thread Bushing

Description:

The burnished Threaded Bushing was especially designed for working in restricted spaces. The threaded bushing is the compatible counterpart which incorporates screw clamp arbors from the 16 mm system (Tr 12x3) or the 28 mm system (Tr 20x4). A combination of threaded bushing, screw clamp arbor and heavy squares, is ideal to perform complicated horizontal clamping tasks.



280618

280619



Height: (c) Ø: (o) Weight: Item No.

<p>Thread Bushing Tr 20x4 - Acme trapezoidal thread 20 x 4 mm for system 28 screw clamp arbor - Burnished</p>	23 mm	28 mm	0,05 kg	2-280618 ●
<p>Thread Bushing Tr 12x3 - Acme trapezoidal thread 12 x 3 mm for system 16 screw clamp arbor - Burnished</p>	23 mm	28 mm	0,07 kg	2-280619 ●

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

Angle Bushing



280770



280771



Description:

Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

Axial distance 40 mm.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Angle Bushing 45° - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280770 ●
Angle Bushing 90° - for clamping pipe 280750, 280642	80 mm	40 mm	40 mm	0,32 kg	2-280771 ●

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

Angle Socket



Description:

Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

Axial distance 40 mm.



280772



280773



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

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

Prism for Screw Clamps



280657.1



280658



280659



280661

Description:

Prism for Screw Clamps, suitable for clamping of round and square pipes. Due to its location at the ball head of the threaded arbor, the prism is movable and can therefore be fixed precisely on the workpiece. It is replaced by simply taking it off the ball head.

The Prism is available in various material finishes.

The Polyamid Prism is used for scratch-prone surfaces.

The Stainless Steel Prism is used for scratch-resistant precious metals (rust prevention).





	Height: (c)	Ø: (o)	Weight:	Item No.
Prism for Screw Clamps - Burnished	24 mm	40 mm	0,09 kg	2-280657.1 ●
Prism for Screw Clamps - Stainless Steel	25 mm	40 mm	0,10 kg	2-280658 ●
Prism for Screw Clamps - Polyamide	25 mm	40 mm	0,01 kg	2-280659 ●
Pressure Ball Blank for Screw Clamps - Polished - Trapezoid Thread 20 x 4 mm - according to customer specifications	30 mm	40 mm	0,19 kg	2-280661 ●

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

Duo Prism Ø 40 for Screw Clamps



280650



280650.A



280650.P

Description:

Duo Prism, compatible with all bore holes and screw clamps of System 28, due to its dual function. The O-ring provides perfect fixing and fitting accuracy. The 120° square creates a stable support surface for all round pipes. The leveled corners of the prism enable working with flat welding parts.

The Polyamid Prism is used for scratch-prone surfaces.



	Height: (c)	Ø: (o)	Weight:	Item No.
Duo Prism Ø 40 - Burnished	35 mm	40 mm	0,15 kg	2-280650 ●
Duo Prism Ø 40 - Aluminum	35 mm	40 mm	0,05 kg	2-280650.A ●
Duo Prism Ø 40 - Polyamide	30 mm	40 mm	0,02 kg	2-280650.P ●

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

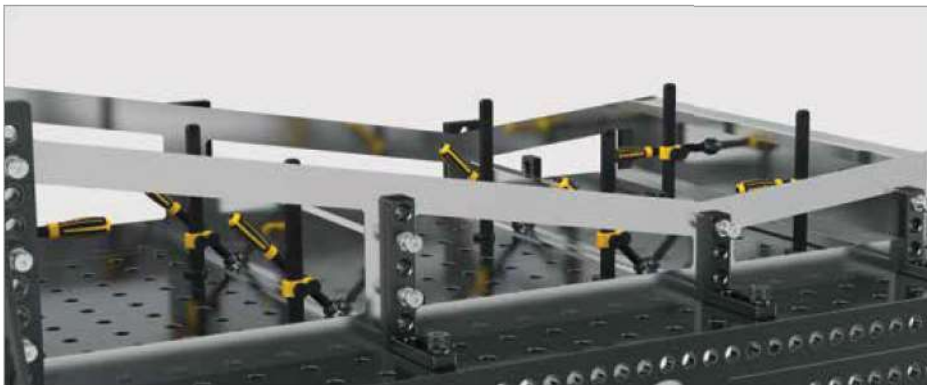
Pressure Ball for Screw Clamps

Description:

Pressure Ball for screw clamps, especially designed for clamping in corners or grooves. Due to its location at the ball head of the threaded arbor, the prism is movable, and can therefore be precisely mounted to the work piece.

It can be replaced by simply removing it from the ball head.

The Pressure Ball is available in various materials. The polyamide Pressure Ball is used for scratch-prone surfaces. The stainless steel Pressure Ball is used for scratch-resistant metals (rust prevention).



	Height: (c)	Ø: (o)	Weight:	Item No.
Pressure Ball for Screw Clamps - Burnished - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,07 kg	2-280660 ●
Pressure Ball for Screw Clamps - Stainless Steel - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,07 kg	2-280660.E ●
Pressure Ball for Screw Clamps - Polyamide - Trapezoid Thread 20 x 4 mm	18 mm	35 mm	0,01 kg	2-280660.P ●

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

Clamping Bridge 2P

Description:

The Clamping Bridge 2P is perfect to work in positions which are difficult to access or to clamp various components simultaneously. Clamping on uneven surfaces is also possible with pendulum compensation. High functionality is guaranteed with quick shifting of the spherical pin. A clamping bridge, two ball pins and two prisms are included in the delivery.

In order to safely attach any kind of welding elements with the Clamping Bridge 2P, the prism is interchangeable. Suitable prisms see page 338.



280210

280212



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

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

Clamping Bridge 3P



280211

280212

**Description:**

The Clamping Bridge 3P is perfect to work in positions which are difficult to access, or to clamp various components simultaneously. Clamping on uneven surfaces is also possible with pendulum compensation. The uniqueness of the Clamping Bridge 3P is a result of the three-dimensionality, which makes clamping in three dimensions possible. High functionality is guaranteed with quick shifting of the spherical pin. A clamping bridge, three ball pins and three prisms are included with delivery.

In order to safely attach any kind of welding elements with the Clamping Bridge 3P, the prism is interchangeable. Compatible prisms see page 338.

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

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



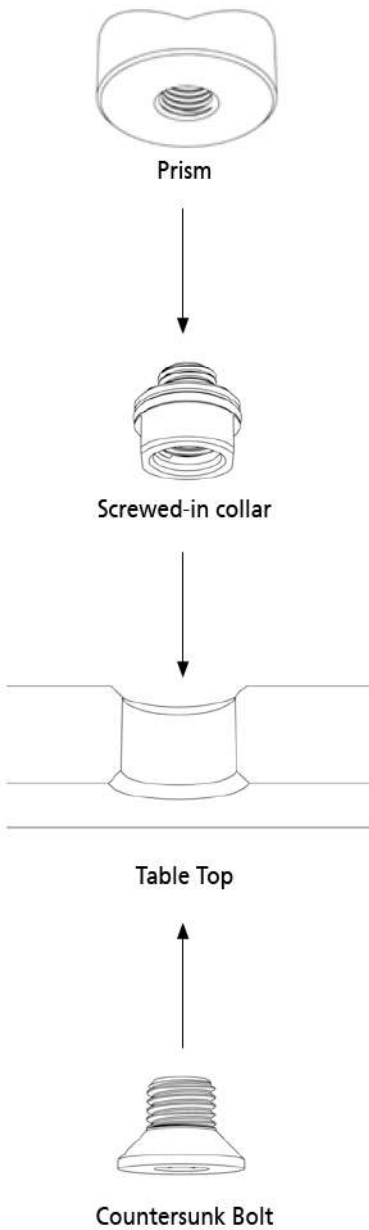
	Page
Prisms	346
Prism Ø 50 / Vario Prism Ø 50	348
Prism Ø 60 / Prism Ø 80	350
Prism Ø 120 / Clamping Cone	352
Prism Extension	354



Prisms

All System 28 Prisms are equipped with a removable screwed-in collar.

Included in delivery of each Prism is a screwed-in collar and a countersunk bolt.



PRISM Ø 50 135°

Page 348

STYLES

Burnished
Aluminum
Polyamide



VARIO PRISM Ø 50 90° / 120°

Page 349

STYLES

Burnished
Aluminum
Polyamide



PRISM Ø 60 135°

Page 350

STYLES

Burnished
Aluminum
Polyamide



PRISM Ø 80 90°

Page 351

STYLES

Burnished
Aluminum
Polyamide



PRISM Ø 120 157°

Page 352

STYLES

Burnished
Aluminum
Polyamide



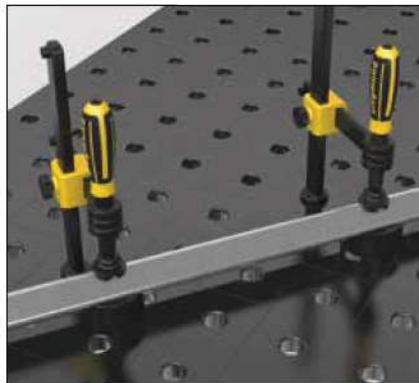
You can also find the product video on:

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

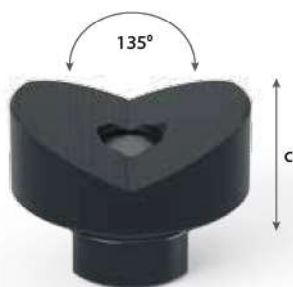


280649.1



280649

Prism Ø 50 135° with screwed-in collar



280648.1



280648.1.A



280648.1.P



Description:

Prism Ø 50 135° provides a stable support surface for pipes with a diameter up to 80 mm.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.

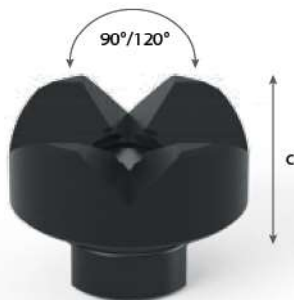


	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 50 135° with screwed-in collar - Burnished - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,20 kg	2-280648.1 ●
Prism Ø 50 135° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,07 kg	2-280648.1.A ●
Prism Ø 50 135° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	20 mm	50 mm	0,03 kg	2-280648.1.P ●

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

Steel Collar - upon request also available in aluminum or polyamide.

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



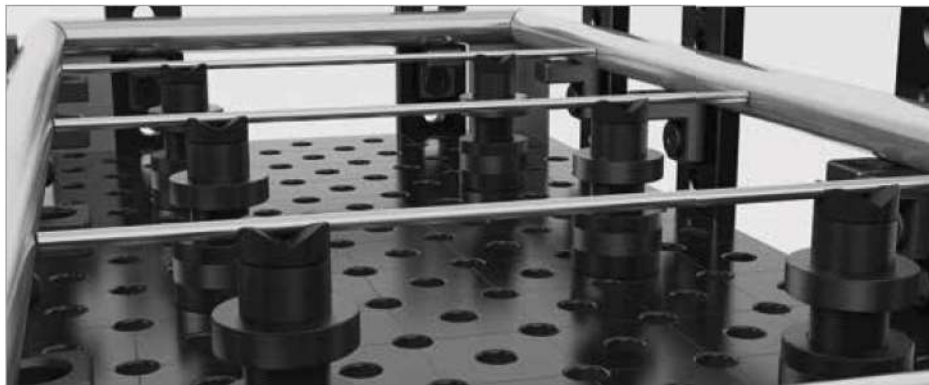
280645.1



280645.1.A



280645.1.P



Description:

Vario Prism, suitable for both rounded and 45° twisted square pipes with a diameter of up to 50 mm.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.

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

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

Steel Collar - upon request also available in aluminum or polyamide.

Prism Ø 60 135° with screwed-in collar



280651.1



280651.1.A



280651.1.P

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 ●
Prism Ø 60 135° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,18 kg	2-280651.1.A ●
Prism Ø 60 135° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	30 mm	60 mm	0,08 kg	2-280651.1.P ●

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

Steel Collar - upon request also available in aluminum or polyamide.

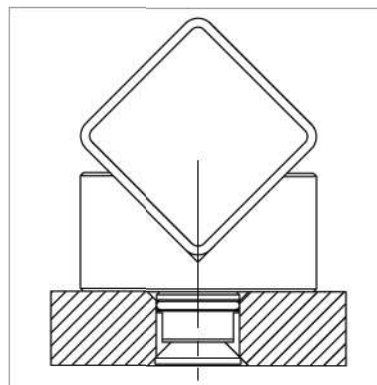
Prism Ø 80 90° with screwed-in collar

Description:

Prism Ø 80 90°, creates a solid support surface for pipes with diameters up to 100 mm, as well as for all rectangular pipes.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.

Polyamid Prisms are used for scratch-prone surfaces.



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 80 90° with screwed-in collar - Burnished - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	1,01 kg	2-280647.1 ●
Prism Ø 80 90° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	0,55 kg	2-280647.1.A ●
Prism Ø 80 90° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	40 mm	80 mm	0,19 kg	2-280647.1.P ●

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

Steel Collar - upon request also available in aluminum or polyamide.

Prism Ø 120 157° with screwed-in collar



Description:

Prism Ø 120 with 157° angle, designed for large pipes with a diameter of up to 400 mm. Above all, it creates a solid support surface for round pipes.

The prism with screwed-in collar can be fastened in the bore holes and securely fixed using the M16 countersunk screw (Item No. 009410). For free positioning of the prism independent of the hole grid you can easily unscrew the collar from the prism. If necessary, the working height of the prism can be varied by a prism extension.



	Height: (c)	Ø: (o)	Weight:	Item No.
Prism Ø 120 157° with screwed-in collar - Burnished - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	1,70 kg	2-280652.1 ●
Prism Ø 120 157° with screwed-in collar - Aluminum - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	0,70 kg	2-280652.1.A ●
Prism Ø 120 157° with screwed-in collar - Polyamide - M16 thread for example prism extensions Item No. 280649	30 mm	120 mm	0,30 kg	2-280652.1.P ●

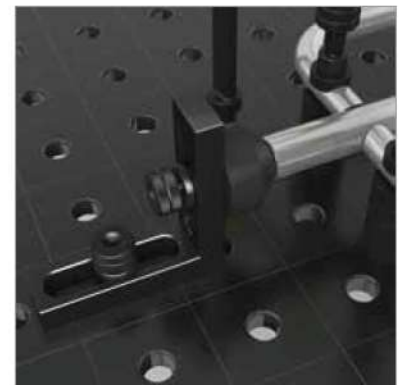
● = Stock item / ○ = Item is made to order

Steel Collar - upon request also available in aluminum or polyamide.

Clamping Cone



280670



Description:

Clamping Cone, enables clamping of round and square pipes with a diameter of up to < 80 mm, by simply positioning them. The Clamping Cone is fastened with bolts.

Clamping Cone
- Burnished

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

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

Prism Extension



280649



280649.1



280649.2



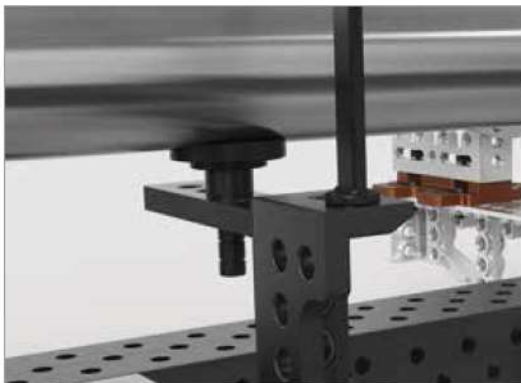
280649.3



280669

Description:

The Prism extension can be quickly and securely screwed in all prisms and enables positioning of the prism at different heights in combination with spacers (Item No. 280821). With the screw support (Item No. 280822) an infinitely variable positioning is possible.





	Length: (a)	Ø: (o)	Weight:	Item No.
Prism Extension 25 - Burnished	25 mm	28 mm	0,11 kg	2-280649 ●
Prism Extension 50 - Burnished	50 mm	28 mm	0,22 kg	2-280649.1 ●
Prism Extension 100 - Burnished	100 mm	28 mm	0,45 kg	2-280649.2 ●
Prism Extension 150 - Burnished	150 mm	28 mm	0,69 kg	2-280649.3 ●
Prism Collar Screw with countersunk bolt - Burnished	27 mm	28 mm	0,07 kg	2-280669 ●
Countersunk Bolt M16 - spare part	20 mm			2-009410 ●

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

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



	Page
Multi Clamp Tower Modular	358
Set of Supports 11-piece set / Screw Support	360
Spacer	362
Clamping Pipe with quick fastener	364



Multi Clamp Tower Modular



280646



280646.5



280646.1



280646.2



280646.3



280646.4



280617.5H

Description:

Multi Clamp Tower, serves as an extension for various components, such as screw clamps, prisms, spacers and similar elements. Bolts are used to quickly fasten Multi Clamp Towers to tables or other components, creating a sturdy support surface. The table top and compatible vertical pipe are bolted together.

To increase sturdiness, the pipe can be welded by the customer.





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Plate, Large - for Multi Clamp Tower modular	150 mm	100 mm	25 mm		2,60 kg	2-280646 ●
Plate, Small - for Multi Clamp Tower modular	120 mm	120 mm	25 mm		2,23 kg	2-280646.5 ●
Vertical Pipe 225 - for Multi Clamp Tower modular			225 mm	57 mm	1,70 kg	2-280646.1 ●
Vertical Pipe 475 - for Multi Clamp Tower modular			475 mm	57 mm	2,94 kg	2-280646.2 ●
Vertical Pipe 725 - for Multi Clamp Tower modular			725 mm	57 mm	4,24 kg	2-280646.3 ●
Vertical Pipe 975 - for Multi Clamp Tower modular			975 mm	57 mm	5,54 kg	2-280646.4 ●
Cast Iron Cross incl. Handwheel - for 280646 Multi Clamp Tower - for 280638 (see page 318)	104 mm	80 mm	56 mm		1,27 kg	2-280617.5H ●

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

Set of Supports 11-piece set



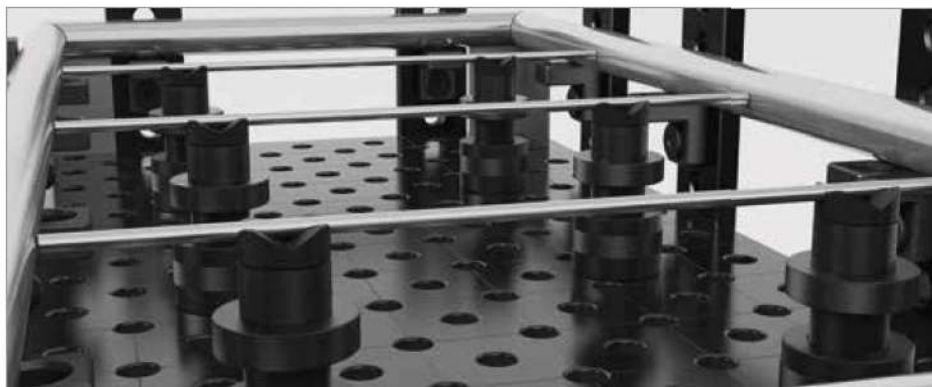
280821



280821.1

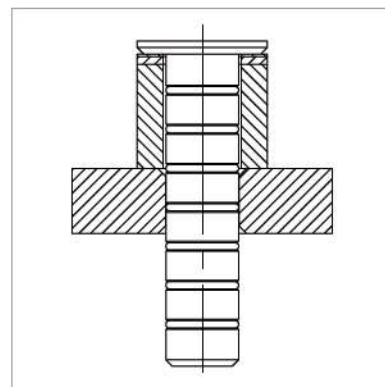


280821.2



Description:

11-piece Set of Supports, offers the option to vary the height of the support surface. The individual supports can be used to compensate for 1-100 mm height differences. The lowest grading of the supports is 1 mm, in order to achieve the intended height precisely. The measurements are specified on the particular discs. Aided by the O-rings, the Supports can be adjusted easily and precisely. The Set of Supports can be universally used in all drill holes of system 28. The M10 thread on the inside of the supports enables fastening of customer-specific components or prisms.



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

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

Screw Support Ø 80

Description:

Screw Support, especially intended for Vernier height adjustments ranging from 75-110 mm. The height compensation can be clearly increased by using prism extensions and the set of Supports.



280822

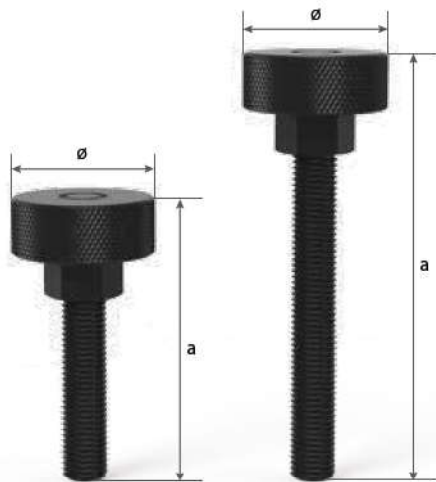


Screw Support Ø 80
- Burnished

Height: (c)	Ø: (o)	Weight:	Item No.
75-110 mm	80 mm	2,30 kg	2-280822 ●

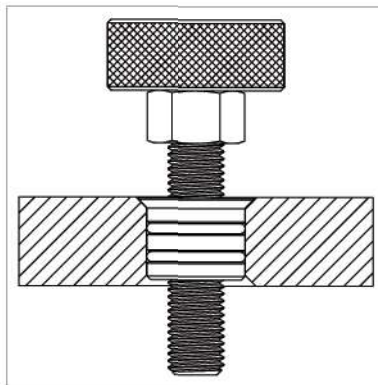
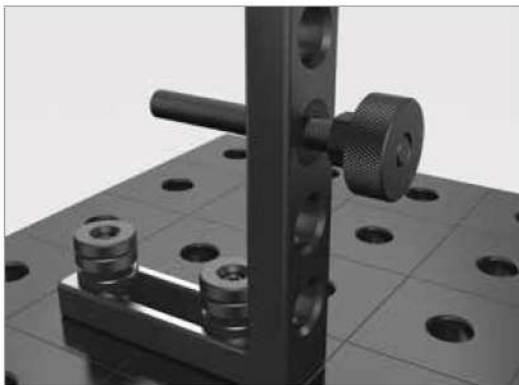
● = Stock item / ○ = Item is made to order

Spacer



Description:

Spacer - universally usable in combination with the threaded bushing for M16 threads (Item No. 280825) and a square or stop. Any distance can be adjusted quickly and precisely by using the simple rotation mechanism. In general, a screw clamp, try square or something similar, serve as a counterpart to the Spacer.





280175.1



280176



280825

	Length: (a)	Height: (c)	Ø: (o)	Weight:	Item No.
Spacer 100	100 mm		50 mm	0,52 kg	2-280175 ●
	100 mm		75 mm	0,92 kg	2-280176 ●
	100 mm		100 mm	1,42 kg	2-280177 ○
Spacer 150	150 mm		50 mm	0,60 kg	2-280175.1 ●
	150 mm		75 mm	1,00 kg	2-280176.1 ●
	150 mm		100 mm	1,50 kg	2-280177.1 ○
Thread Bushing for M16 thread - Burnished		23 mm	32 mm	0,07 kg	2-280825 ●

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

Clamping Pipe with quick fastener



280750



280760



280760.1



280662

Description:

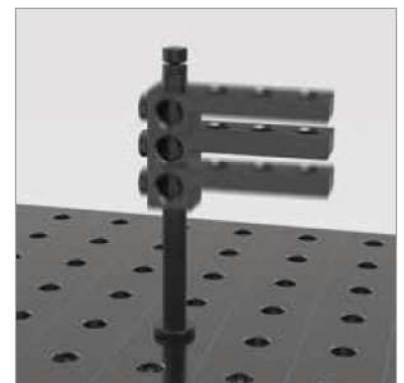
Clamping pipe with integrated fast clamping bolt, allows backlash-free fastening of a system 28 clamping pipe. Screw clamps, quick-release clamps, height and side stops and other components can be mounted on it.

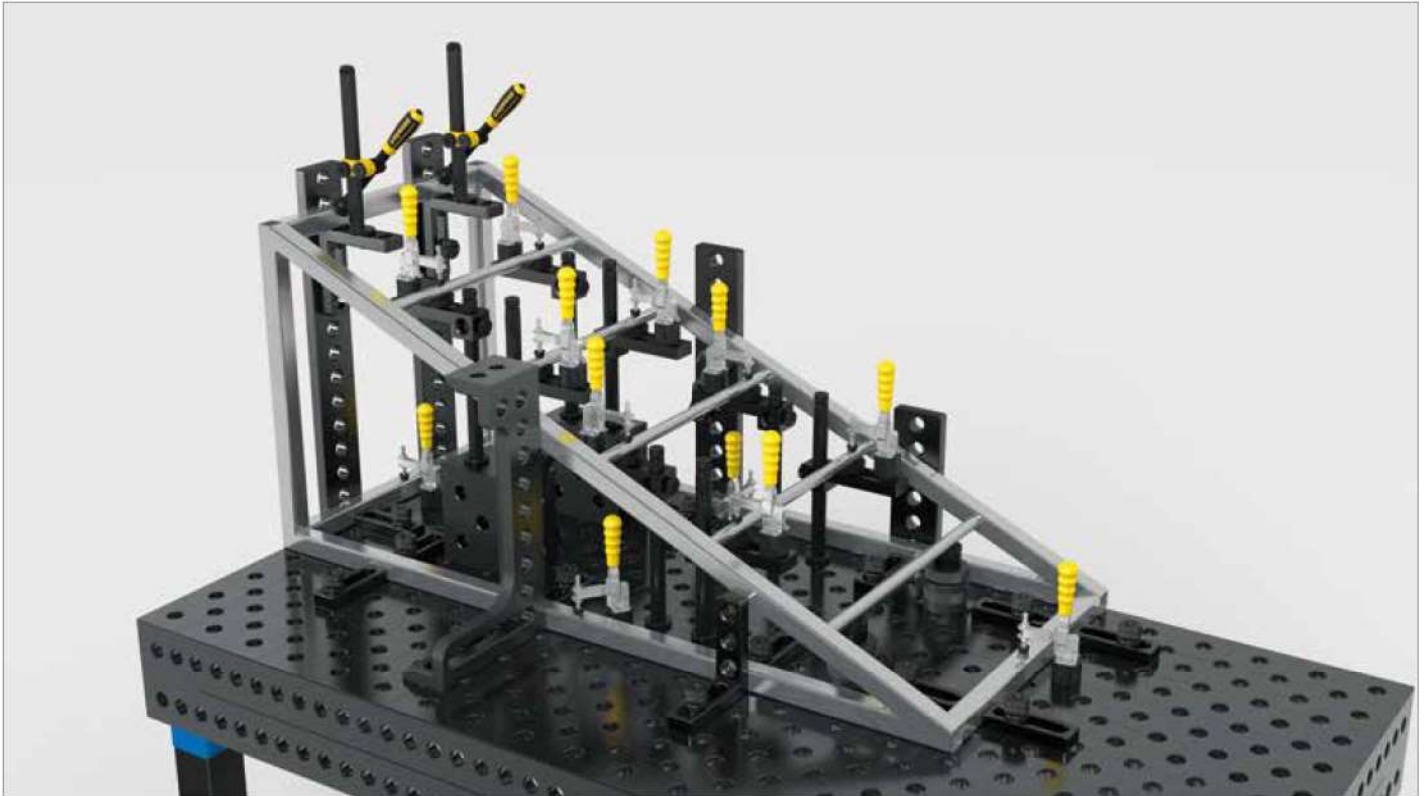
Further application options and components can be found in the internet.

Angle Bushing / -Sleeve, can be flexibly used in conjunction with a Clamping Pipe (Item No. 280750 + 280642).

By using a Threaded Bushing (Item No. 280618), the Angle Bushing / -Sleeve can be used in combination with a threaded arbor.

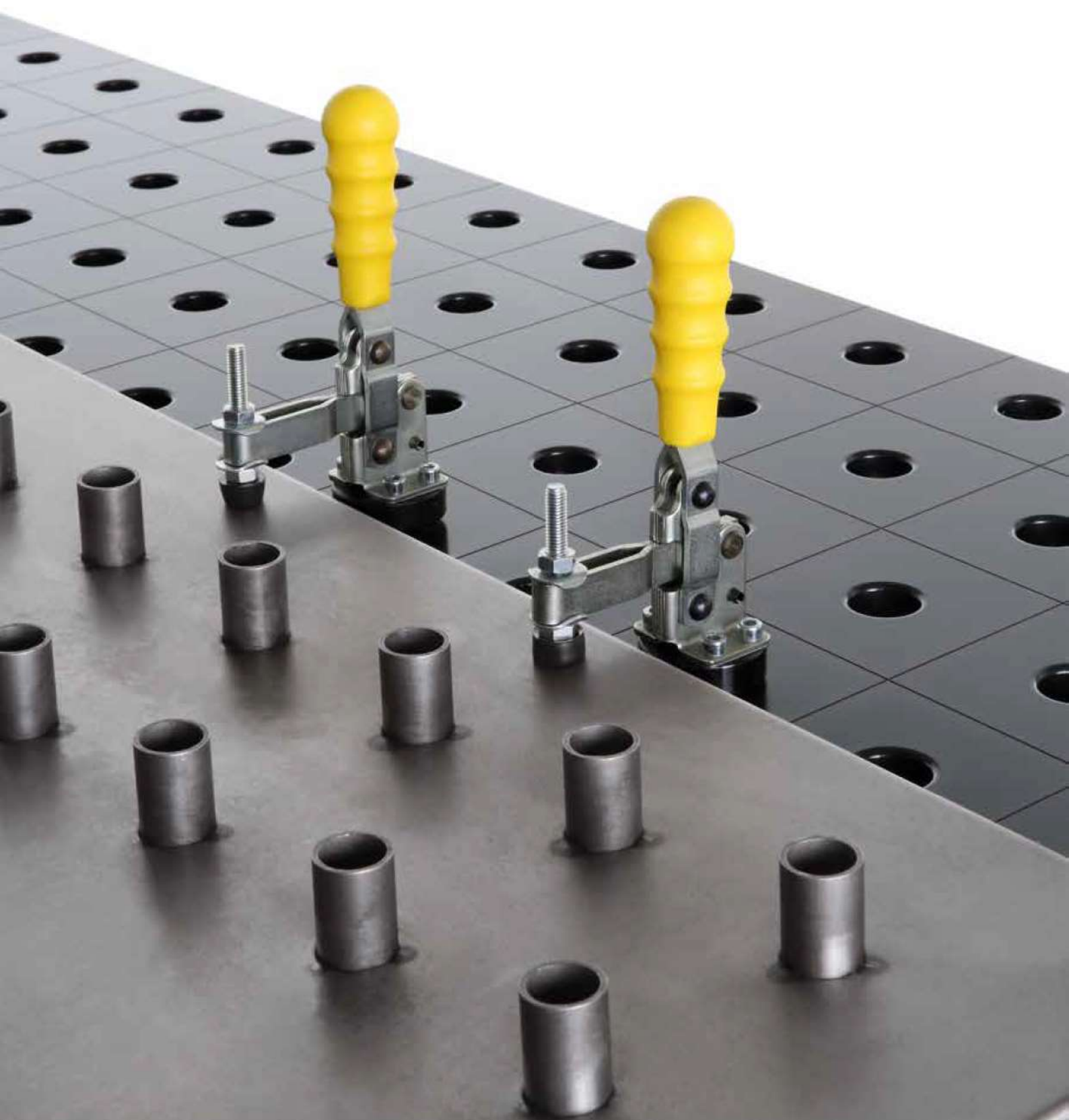
Axial distance 40 mm.





	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Clamping Pipe with quick fastener			380 mm	28 mm	1,80 kg	2-280750 ●
Additional sizes upon request						○
Clamp Stop	200 mm	50 mm	50 mm	28 mm	1,66 kg	2-280760 ●
Clamp Stop - with oblong slot	200 mm	50 mm	50 mm		1,37 kg	2-280760.1 ●
Handwheel for Screw Clamp - for 280610, 280612, 280630, 280750	25 mm			30 mm	0,06 kg	2-280662 ●

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



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Vertical Toggle Clamp with Adapter



280705



009082

Description:

Vertical Toggle Clamp with Adapter, universally usable with 28 mm bore holes. It works most effectively in combination with the Universal Stop (Item No. 280420).

The Adapter is replaceable. Further sizes see page 372.



Vertical Toggle Clamp with Adapter
- Adapter 280715

Weight:

0,73 kg

Item No.

2-280705 ●

Vertical Toggle Clamp

2-009082 ●

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

Horizontal Toggle Clamp with Adapter

Description:

Horizontal Toggle Clamp with Adapter, universally usable with 28 mm bore holes. It achieves maximum efficiency in combination with Universal Stop Item No. 280420.

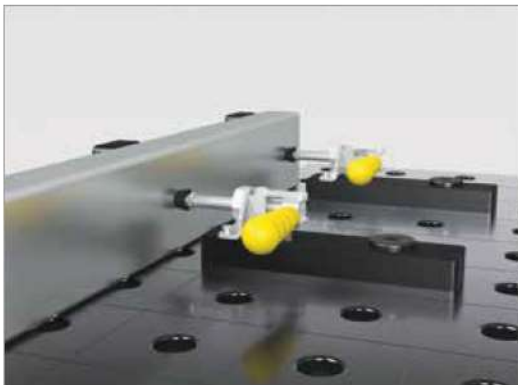
The Adapter is replaceable. Further sizes see page 372.



280710



009083



Horizontal Toggle Clamp with Adapter
- Adapter 280715

Weight:

0,71 kg

Item No.

2-280710 ●

Horizontal Toggle Clamp

2-009083 ●

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

Quick-Change Clamp 100



280706



Description:

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

Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
340 mm	30 mm	150 mm	28 mm	1,20 kg	2-280706 ●

Quick-Change Clamp 100
 - Length clamping arm 100 mm
 - Clamping range 5-75 mm

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

Quick-Change Clamp 160

Description:

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



280707



Quick-Change Clamp 160
 - Length clamping arm 160 mm
 - Clamping range 0-75 mm

Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
360 mm	30 mm	150 mm	28 mm	1,20 kg	2-280707 ●

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

Adapter with Hole Pattern / Adapter Blank without Hole Pattern



280715



280715.1



280715.2



280715.3



280720



280720.1



280720.2



280720.3

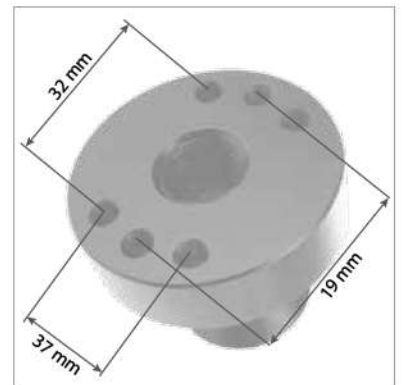


280720.4



Description:

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



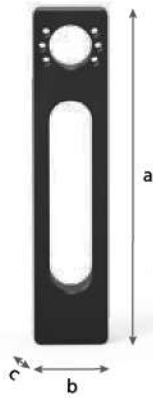


	Height: (c)	Ø: (o)	M5: (d)	Weight:	Item No.
Adapter with Hole Pattern Ø 50 / 15 - Burnished	30 mm	50 mm	15 mm	0,30 kg	2-280715 ●
Adapter with Hole Pattern Ø 50 / 40 - Burnished	55 mm	50 mm	40 mm	0,56 kg	2-280715.1 ●
Adapter with Hole Pattern Ø 50 / 70 - Burnished	85 mm	50 mm	70 mm	1,00 kg	2-280715.2 ●
Adapter with Hole Pattern Ø 50 / 100 - Burnished	115 mm	50 mm	100 mm	1,49 kg	2-280715.3 ●
Adapter Blank without Hole Pattern Ø 50 / 15 - Burnished	30 mm	50 mm	15 mm	0,30 kg	2-280720 ●
Adapter Blank without Hole Pattern Ø 50 / 5 - Burnished	20 mm	50 mm	5 mm	0,11 kg	2-280720.1 ●
Adapter Blank without Hole Pattern Ø 50 / 40 - Burnished	55 mm	50 mm	40 mm	0,62 kg	2-280720.2 ●
Adapter Blank without Hole Pattern Ø 50 / 70 - Burnished	85 mm	50 mm	70 mm	1,07 kg	2-280720.3 ●
Adapter Blank without Hole Pattern Ø 50 / 100 - Burnished	115 mm	50 mm	100 mm	1,50 kg	2-280720.4 ●

M5=Material thickness;

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

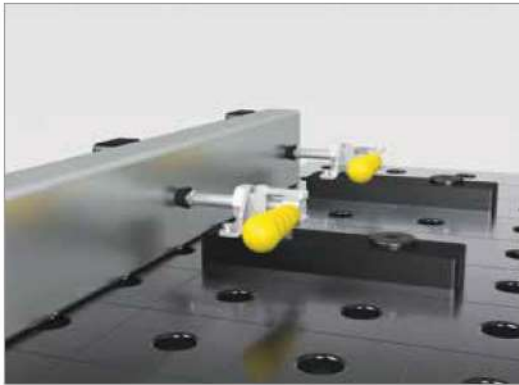
Combi Adapter 225 / 100



280730



280730.1



Description:

Combi-Adapter 225 and 100, specifically designed to serve as an intake for Siegmund quick release clamps. Mounting the quick-change clamps directly onto the Combi-Adapter is especially beneficial for work with low welding components. In addition, the Combi-Adapter can be used as a conventional universal stop.

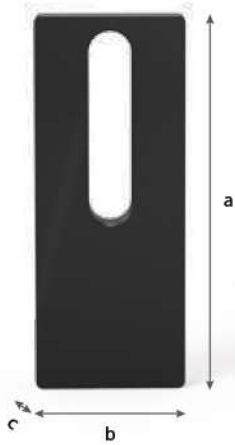
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Combi Adapter 225 - Burnished	225 mm	50 mm	25 mm	1,35 kg	2-280730 ●
Combi Adapter 100 - Burnished	100 mm	50 mm	25 mm	0,80 kg	2-280730.1 ●

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

Adapter Plate 250 / 350

Description:

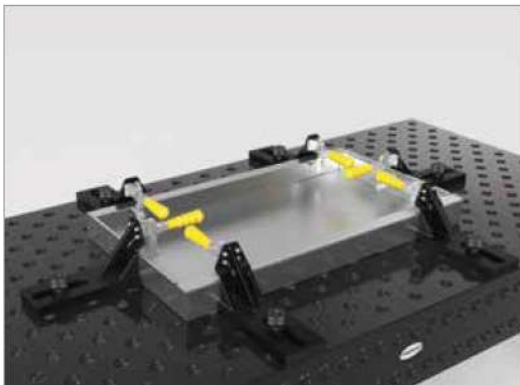
Adapter Plates 250 and 350, developed as blanks for customer specific components and applications. It can be adapted to meet individual requirements. The adjustable range of the oblong slot is 100 and 200 mm.



280731



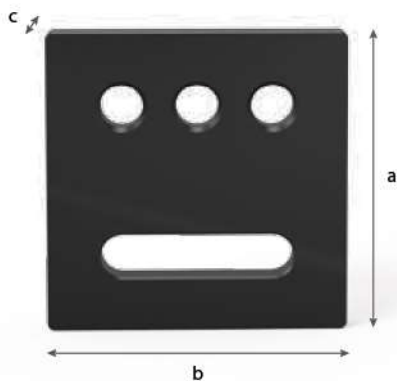
280731.1



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter Plate 250 - Blanks for customer specific components / applications	250 mm	100 mm	25 mm	4,20 kg	2-280731 ●
Adapter Plate 350 - Blanks for customer specific components / applications	350 mm	100 mm	25 mm	5,60 kg	2-280731.1 ●

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

Adapter Plate 200



280732



280732.1



Description:

Burnished Adapter Plate 200, connecting element between welding table and customer's individual components. Both fixed and variable clamping options are a result of the three bore holes and the oblong slot. The adjustable range of the oblong slot is 100 mm.

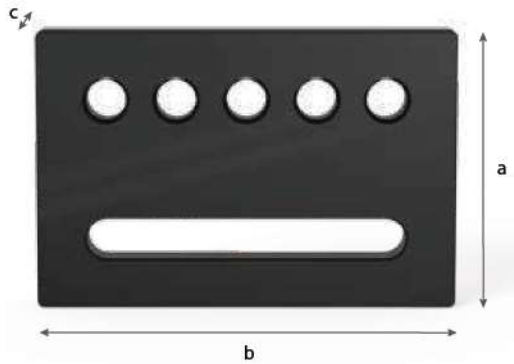
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter Plate 200 - with 28 mm bore holes	200 mm	200 mm	25 mm	6,70 kg	2-280732 ●
Adapter Plate 200 - without system bore holes	200 mm	200 mm	25 mm	7,10 kg	2-280732.1 ●

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

Adapter Plate 300

Description:

Burnished Adapter Plate 300, connecting element between welding table and customer's individual components. Both fixed and variable clamping options are a result of the five bore holes and the oblong slot. The adjustable range of the oblong slot is 200 mm.



280733

280733.1



Customer specific solutions

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Adapter Plate 300 - with 28 mm bore holes	300 mm	200 mm	25 mm	9,80 kg	2-280733 ●
Adapter Plate 300 - without system bore holes	300 mm	200 mm	25 mm	10,40 kg	2-280733.1 ●

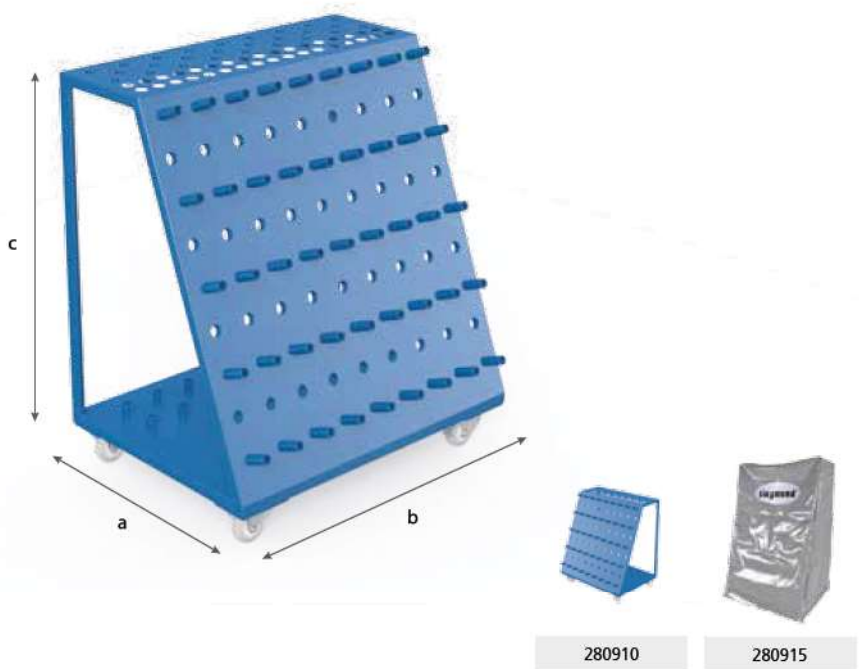
● = Stock item / ○ = Item is made to order



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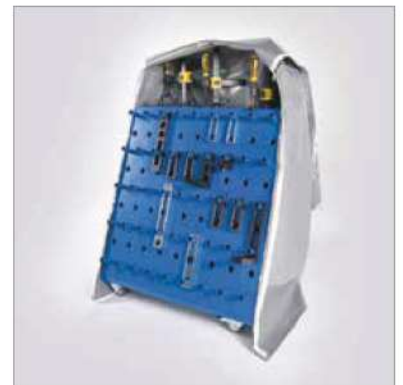


Tool Cart



Description:

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



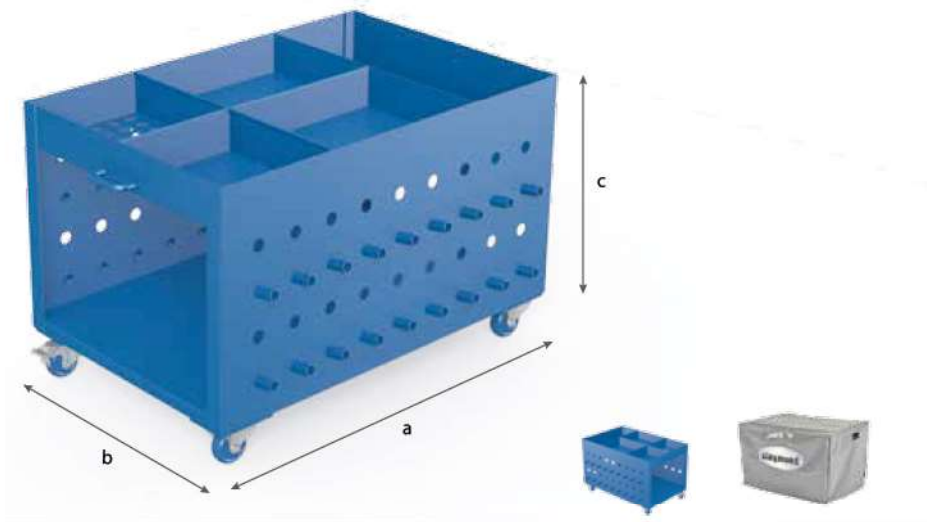
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Tool Cart - varnished	660 mm	900 mm	1040 mm	50,00 kg	2-280910 ●
Tarp - for Tool Cart 280910					2-280915 ●

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

Tool Cart Compact

Description:

Compact Tool Cart, offers sufficient space for Siegmund accessories. You can always keep track, and all your tools are handy. Large squares are conveniently and safely stored in the internal space. The casters enable quick transportation of the Tool Trolley to where it is needed. In addition, it can be compactly stored below the welding table.



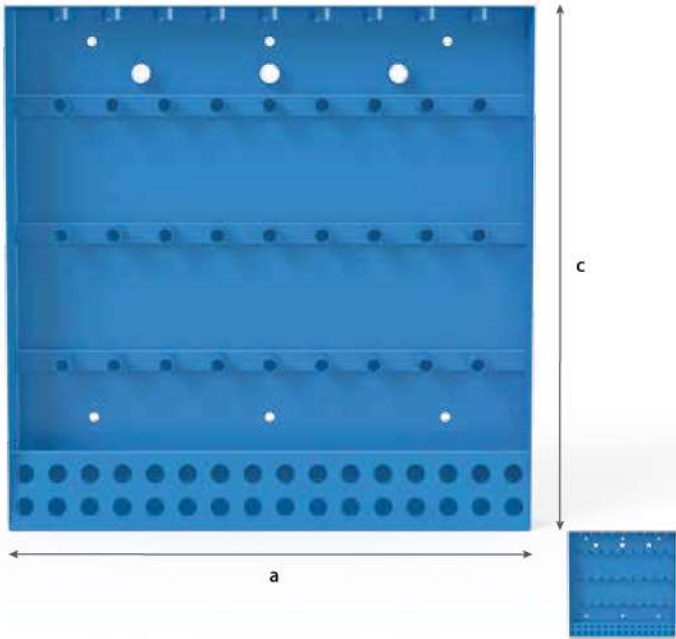
280911 280916



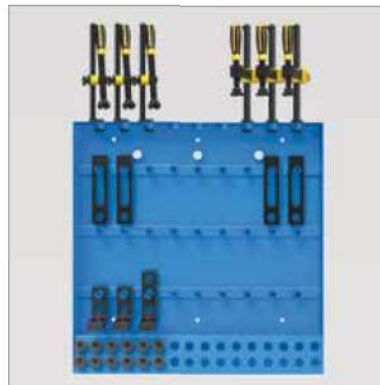
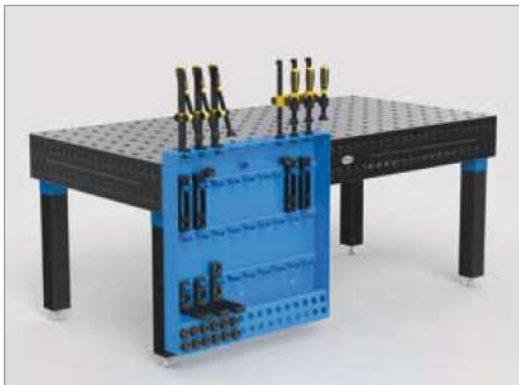
	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Tool Cart Compact - varnished	1000 mm	750 mm	636 mm	59,00 kg	2-280911 ●
Tarp - for Tool Cart Compact 280911					2-280916 ●

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

Toolwall



280912



Description:

With the Toolwall Siegmund accessories are always within reach quickly. It can easily be bolted to the table, and attached to the wall with screws.

Toolwall
- varnished

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

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

Modular Tool Panel

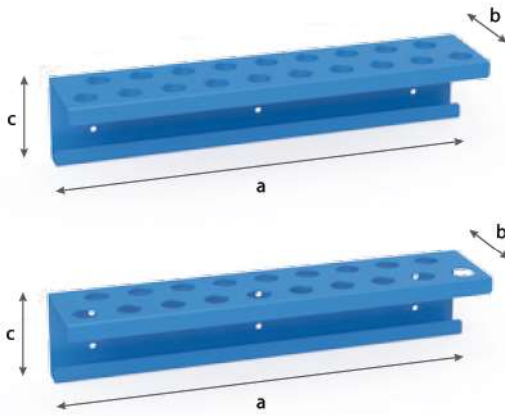
Description:

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

The Module 280930 (with System 28 bushing), is suitable for screw clamps, prisms and bolts.

The Module 280931 (without bushing) can only be used with prisms and bolts. By using the pin 280936 you can hang up all components with a drill hole of System 28.

The required back board is not included in delivery. We recommend using a glue-laminated wood board with a thickness of at least 5 cm.



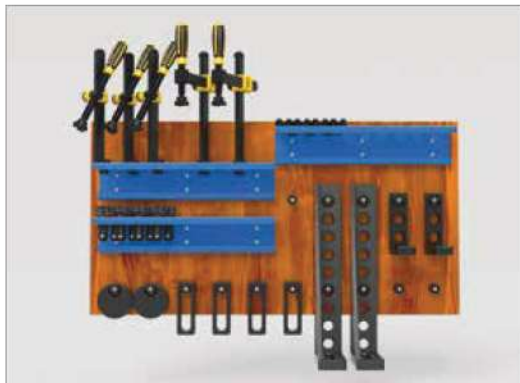
280930



280931



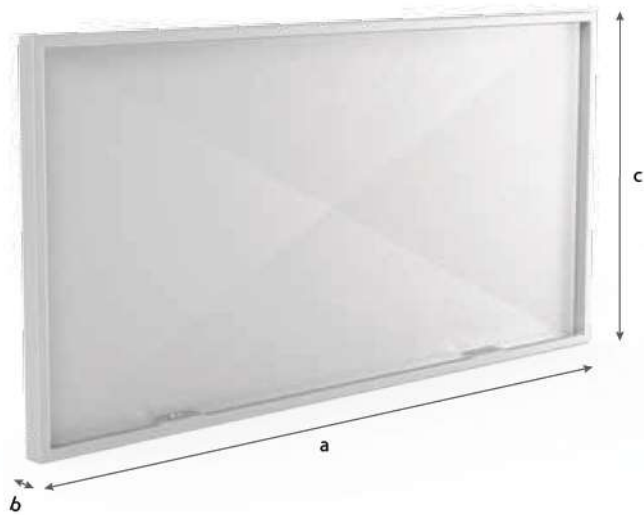
280936



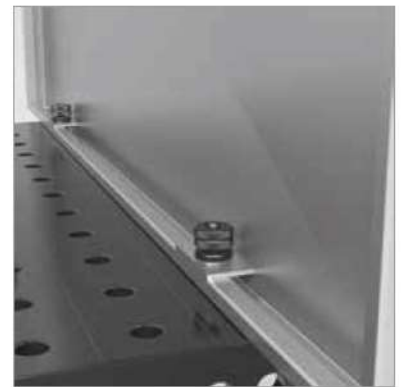
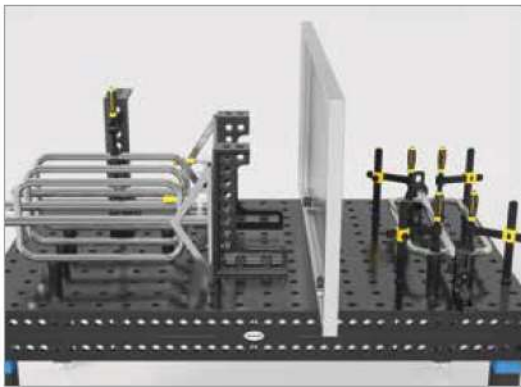
	Length: (a)	Width: (b)	Height: (c)	Ø: (o)	Weight:	Item No.
Module for Tool Wall with Sleeves - varnished	500 mm	110 mm	100 mm	28 mm	3,40 kg	2-280930 ●
Module for Tool Wall without Sleeves - varnished	500 mm	110 mm	100 mm	28 mm	2,80 kg	2-280931 ●
Pin for Toolwall	37 mm			28 mm	0,10 kg	2-280936 ●
Set Module for Tool Wall - consisting of 2x 280930, 2x 280931, 5x 280936.10						2-280930.Set ●

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

Protective Welding Wall



280980



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).

Protective Welding Wall
- Custom color varnish available against surcharge

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

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

Ground Connection Comfort

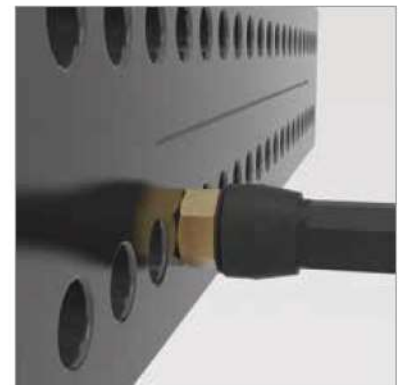
Description:

Ground Connection, guarantees 100% contact to the welding table, therefore no overheating is possible. Simple installation by fastening it in a system bore hole.

Load up to 500 ampere
Cable cross section 70-95 mm²



000810



Ground Connection Comfort

Item No.

2-000810 ●

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

Brush

Description:

Brush with a diameter of 30 mm, especially designed for cleaning 28 mm bore holes. Grime can be removed effortlessly with this brush.



280820

280820.10



Brush Ø 30 with protecting cover
- with protecting cover

Brush Ø 30 for drill bit / 10 piece pack

Ø: (o)	Weight:	Item No.
30 mm	0,06 kg	2-280820 ●
30 mm	0,06 kg	2-280820.10 ●

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

Burner Holder

Description:

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



280920



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

Burner Holder
- Burnished

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

Allen Wrench 6

Description:

Allen Key 6, the practical tool to tighten screws quickly and safely. It is an effective support for working with clamping bolts, screw clamps and small universal squares.



280852.1

280852



Allen Wrench 6
- yellow

Weight:

0,09 kg

Item No.

2-280852.1 ●

Allen Wrench 6
- red

0,50 kg

2-280852 ●

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

Allen Wrench 14

Description:

Allen Wrench 14, used to tighten positioning bolts and large universal squares.



280854



Allen Wrench 14

Weight:

0,45 kg

Item No.

2-280854 ●

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

Shipping Bracket



000830.T1



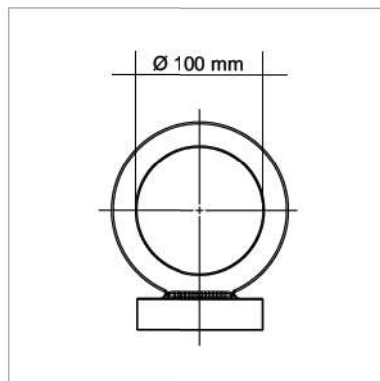
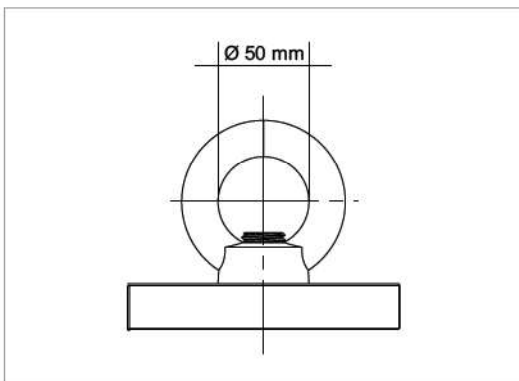
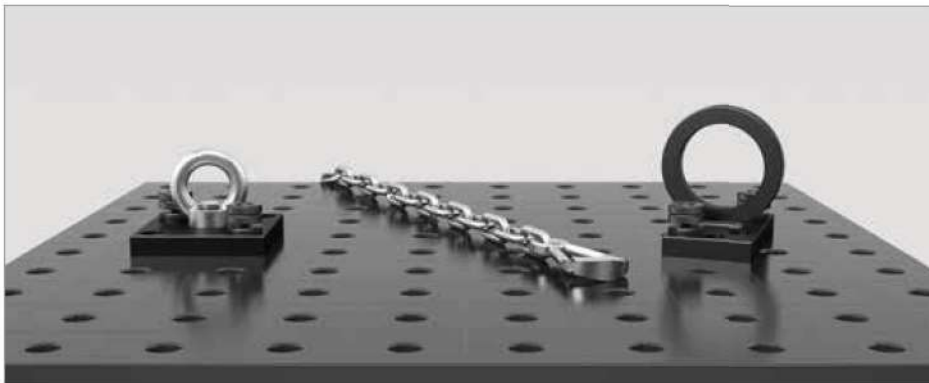
000831



000835



000830



Description:

Shipping Bracket with Mounting Plate, load-bearing capacity 1,800 kg. It is used to transport Siegmund welding tables and other heavy components safely and easily. It is fastened quickly and simply, using at least 2 clamping bolts.

The general rules and regulations for shipping brackets have to be followed while the bracket is in use. Depending on the specific application, the load-bearing capacity can be substantially reduced. During transport, the table must not be raised more than 100 mm, and no one is allowed below the table.

In addition, the Shipping Bracket can be used as a simple attachment for shipping straps.

Please consider following safety instructions: Ring nuts should be completely bolted.

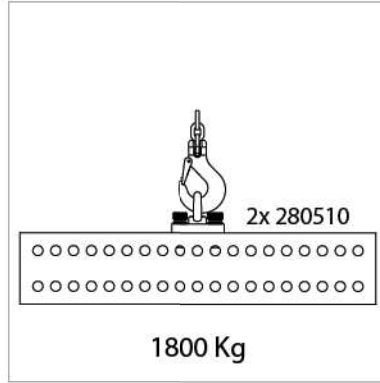
Ring nuts should bear flat and completely on support surface.

Length of mating thread has to be sufficient. Lateral pull should be avoided.

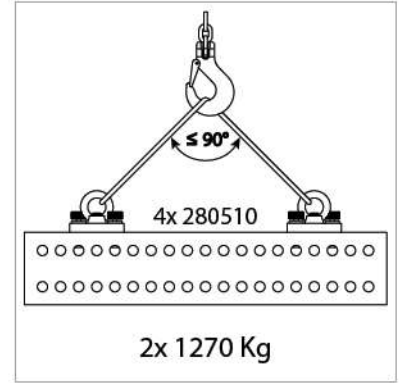




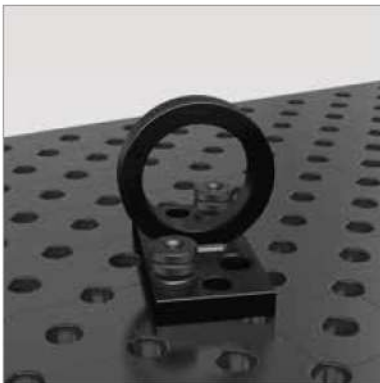
000830



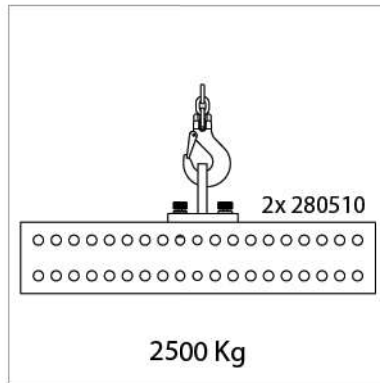
000830



000830



000835



000835



000830

	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Shipping Bracket with Fastening Plate - 1800 kg load-bearing capacity	150 mm	150 mm	25 mm	4,70 kg	2-000830 ●
Mounting Plate, 150x150x25 for Shipping Bracket	150 mm	150 mm	25 mm	3,90 kg	2-000830.T1 ●
Shipping Bracket without Fastening Plate				0,70 kg	2-000831 ●
Shipping Bracket - 2500 kg load-bearing capacity (with 2x 280510) System 28 - 700 kg load-bearing capacity (with 2x 160510) System 16	200 mm	100 mm	165 mm	4,50 kg	2-000835 ●

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

