

siegmund[®]

WELDING AND CLAMPING SYSTEMS

CATALOGUE SUPPLEMENT
Professional 750



SYSTEM

16

SYSTEM

22

SYSTEM

28



Our new table range **Professional 750**



Dear Sir or Madam,

to round the prices of our product down, we added another table-line to our product range. Besides our double-hardened tables we are now offering our Professional 750 welding tables made from specific base metal S355J2+N refined with or without plasma nitration.

The Professional 750 welding tables from Siegmund are equipped with rounded bore holes, which reduce the risk of injury and the facilitate inserting bolts and accessories in the bore holes.

As a matter of principle we recommend welding tables with plasma nitration (single surface hardening) because especially system 16 tables without plasma nitration quickly reach their limits.

Discover all about our Professional 750 range on the next few pages and find new solutions for you company.

Sincerely,

A handwritten signature in black ink that reads "Bernd Siegmund". The signature is fluid and cursive, written over a light grey background.

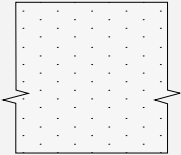
Dipl. Ing.
Bernd Siegmund



NEW

BASIC

SPECIFIC BASE MATERIAL S355J2+N



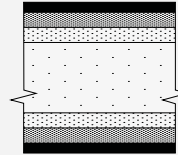
Specific base material S355J2+N

CORE HARDNESS APPROX. 165 – 220 VICKERS



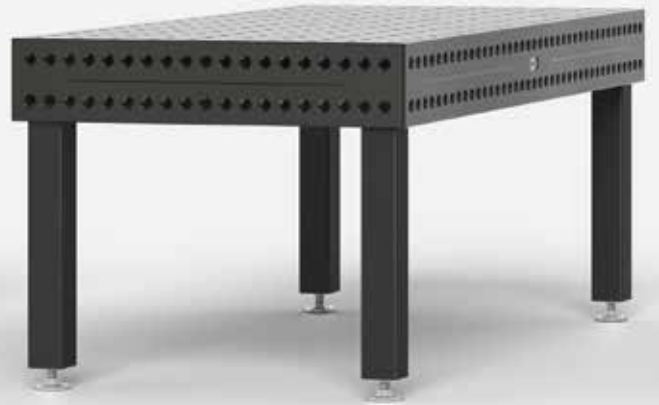
PROFESSIONAL 750 *

SPECIFIC BASE MATERIAL S355J2+N PLASMA NITRIDED, BAR-COATED



BAR-Coating
Iron nitride
Transient region
Specific base material S355J2+N
Transient region
Iron nitride
BAR-Coating

CORE HARDNESS APPROX. 165 – 220 VICKERS



* Further development of Professional S4.

HARDNESS COMPARISON

SURFACE HARDNESS = SCRATCH RESISTANCE

An optimum surface finishing process is achieved with the plasma nitriding followed by BAR-coating:

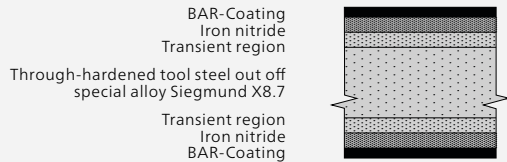
- Scratch resistance by the surface hardening (slight differences between Professional 750, Professional Extreme 8.7 and 8.8)
- Welding spatter protection by iron nitride coating
- Improved surface finish and enhanced protection against rust and welding spatter by BAR-coating



NEW

**PROFESSIONAL
EXTREME 8.7 ***

**SPECIAL ALLOY SIEGMUND X8.7
PLASMA NITRIDED, BAR-COATED**



CORE HARDNESS APPROX. 280 – 340 VICKERS



NEW

**PROFESSIONAL
EXTREME 8.8 ***

**SPECIAL ALLOY SIEGMUND X8.8
PLASMA NITRIDED, BAR-COATED**



CORE HARDNESS APPROX. 360 – 420 VICKERS



*Further development of Professional Extreme 750 und 850. Technical data and prices see old designation in the main catalogue.
Side surface of Professional Extreme 8.7 and 8.8 are made of specific basic material S355J2+N incl. plasma nitriding and BAR-coating.

DECISIVE FOR THE LONG-TERM QUALITY:

CORE HARDNESS = IMPACT RESISTANCE

For the hard daily use the core hardness of a welding table is of utmost importance:

- The higher the core hardness the higher the impact resistance (very large differences between Professional 750, Professional Extreme 8.7 and 8.8)
- High ground surface hardness ensures the flatness of a welding table even after years of use
- At high core hardness tolerances and geometry are better ensured long term





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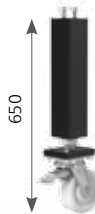
PROFESSIONAL 750

The Professional 750 table System 28 has a horizontal / vertical hole arrangement in a 100 mm grid on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm, the thickness of the material is 24,5 – 27 mm. It is manufactured of high quality steel S355J2+N. Grid lines with a spacing of 100 mm simplify the set-up of your device. The welding tables are provided with scale as a standard.

TABLE LEGS



Leg standard equipment



Leg with Caster and Locking Brake



Leg height-adjustable

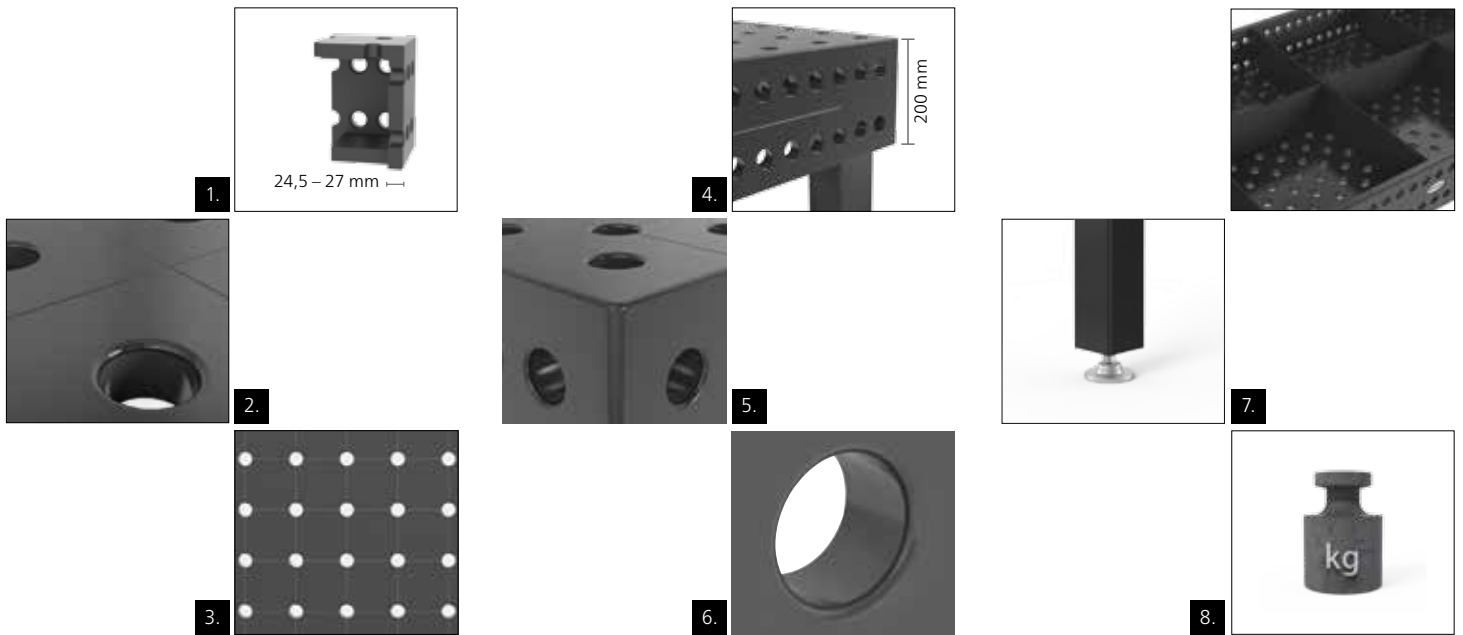


Leg height-adjustable with Caster and Locking Brake



Leg with Floor Anchoring

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



1. MATERIAL THICKNESS

approx. 24,5 – 27 mm

2. MATERIAL

premium steel S355J2+N
+ plasma nitration and BAR-coating

3. DATA

- Borehole spacing 100 mm
- Grid element spacing 100 mm

4. TABLE SIDE PANEL

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

5. ELABORATE RADIUSSES

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

6. SYSTEM BOREHOLE

- Ø 28,15 mm

Radius R3 for boreholes on the table surface:

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

7. TABLE LEGS

- Square pipe 90x90 mm
- Base plate Ø 90 mm
- Leg 50 mm vernier adjustment (Data only for Leg standard equipment)

8. BEARING LOAD

Bearing load: 2.000 kg per leg
Maximum recommended statistical overall weight:
with 4 legs = 4.000 kg
with 6 legs = 6.000 kg
with 8 legs = 8.000 kg
based on even load distribution.
(Data only for Leg standard equipment)

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

Please consult with manufacturer if higher overall loads are required.



Picture shows table with plasmanitration.

Description:

The Professional 750 table System 28 has a horizontal / vertical hole arrangement in a 100 mm grid on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 28 mm. The table has a material thickness of approx. 24,5-27mm and is manufactured of high-quality steel S355J2+N. Grid lines with a spacing of 100 mm simplify the set-up of your device.

The welding tables are provided with scale as a standard.

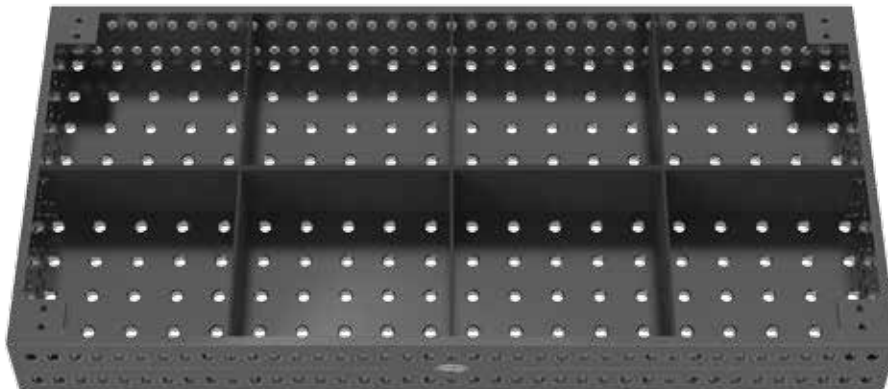




	Table legs:	Length:	Width:	Height:	Weight:	100 mm grid Steel S355J2+N	100 mm grid plasma nitration	Diagonal grid plasma nitration
Professional 750 1000x1000x200 mm with leg standard equipment 650 Table height 850	4	1000 mm	1000 mm	200 mm	approx. 415 kg	2-280010 ○	2-280010.P ●	2-280010.PD ○
Professional 750 1200x800x200 mm with leg standard equipment 650 Table height 850	4	1200 mm	800 mm	200 mm	approx. 408 kg	2-280025 ○	2-280025.P ○	2-280025.PD ○
Professional 750 1200x1200x200 mm with leg standard equipment 650 Table height 850	4	1200 mm	1200 mm	200 mm	approx. 544 kg	2-280015 ○	2-280015.P ●	2-280015.PD ○
Professional 750 1500x1000x200 mm with leg standard equipment 650 Table height 850	4	1500 mm	1000 mm	200 mm	approx. 577 kg	2-280035 ○	2-280035.P ●	2-280035.PD ○
Professional 750 1500x1500x200 mm with leg standard equipment 650 Table height 850	4	1500 mm	1500 mm	200 mm	approx. 801 kg	2-280050 ○	2-280050.P ○	2-280050.PD ○
Professional 750 2000x1000x200 mm with leg standard equipment 650 Table height 850	4	2000 mm	1000 mm	200 mm	approx. 730 kg	2-280020 ○	2-280020.P ●	2-280020.PD ○
Professional 750 2000x1200x200 mm with leg standard equipment 650 Table height 850	4	2000 mm	1200 mm	200 mm	approx. 843 kg	2-280060 ○	2-280060.P ○	2-280060.PD ○
Professional 750 2000x2000x200 mm with leg standard equipment 650 Table height 850	4	2000 mm	2000 mm	200 mm	approx. 1300 kg	2-280045 ○	2-280045.P ○	2-280045.PD ○
Professional 750 2400x1200x200 mm with leg standard equipment 650 Table height 850	4	2400 mm	1200 mm	200 mm	approx. 986 kg	2-280030 ○	2-280030.P ●	2-280030.PD ○
Professional 750 3000x1500x200 mm with leg standard equipment 650 Table height 850	6	3000 mm	1500 mm	200 mm	approx. 1518 kg	2-280040 ○	2-280040.P ●	2-280040.PD ○
Professional 750 4000x2000x200 mm with leg standard equipment 650 Table height 850	8	4000 mm	2000 mm	200 mm	approx. 2503 kg	2-280055 ○	2-280055.P ●	2-280055.PD ○

● Stock item / ○ Item is made to order

Professional 750 welding tables are not included in the main catalogue 2015/2016.

INSTALLATION TABLE LEGS:

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

Screws are included in delivery.

Please follow enclosed installation instructions.



LEG STANDARD EQUIPMENT



280858.X

Bearing load:
2,000 kg
per leg



280857.X

Bearing load:
2,000 kg
per leg

LEG HEIGHT-ADJUSTABLE



280878.X

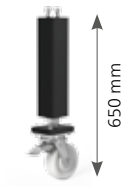
Bearing load:
2,000 kg
per leg



280877.X

Bearing load:
2,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE



280876.X

Bearing load:
800 kg
per leg

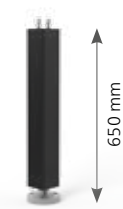
LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE



280879.X

Bearing load:
800 kg
per leg

LEG WITH FLOOR ANCHORING



280874.X

Bearing load:
2,000 kg
per leg



280875.X

Bearing load:
2,000 kg
per leg

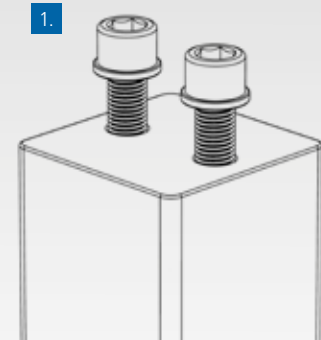


BEARING LOAD PER LEG

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

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

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



1. ALLEN SCREW

- with M16 thread
- with lockwasher for security

2. MATERIAL

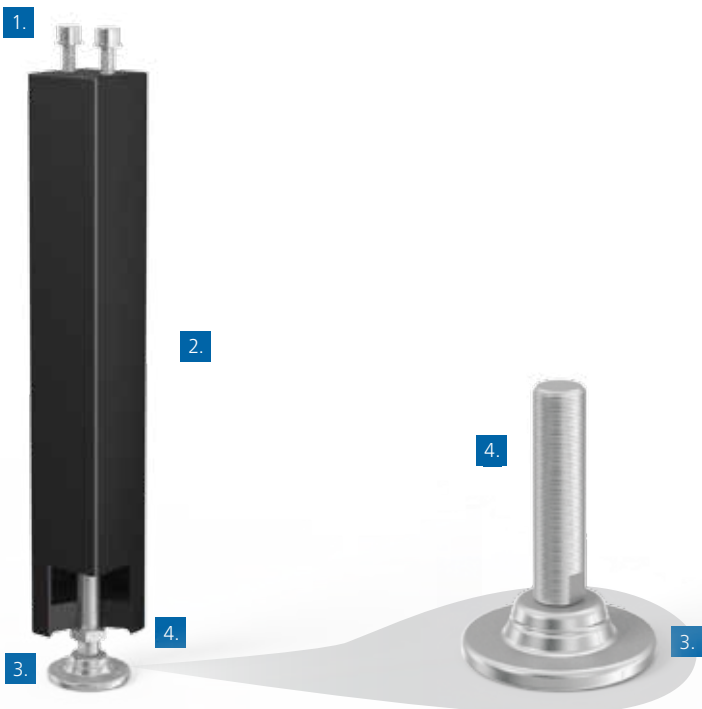
- stable square pipe 90x90 mm
- for higher stability
- powder coated

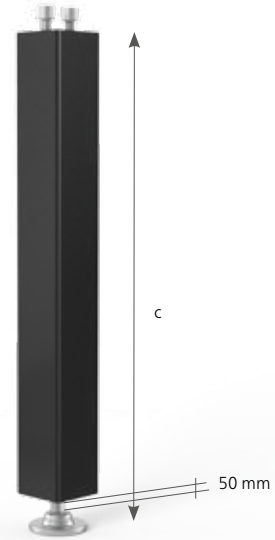
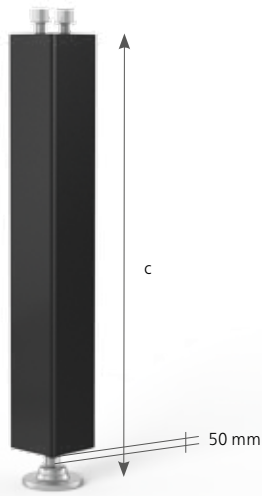
3. BASE PLATE

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

4. THREADED ARBOR

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





Leg standard equipment 650

- 50 mm vernier adjustment
- Standard-leg for Professional 750 table System 28

Leg standard equipment 750

- 50 mm vernier adjustment
- alternative height

Length:	Width:	Height: (c)	Weight:	Item No.
90 mm	90 mm	650 mm	8,50 kg	2-280858.X ●
90 mm	90 mm	750 mm	9,00 kg	2-280857.X ●

● Stock item / ○ Item is made to order



Leg height-adjustable 450-700

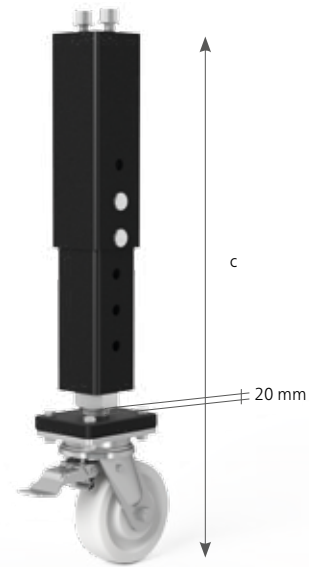
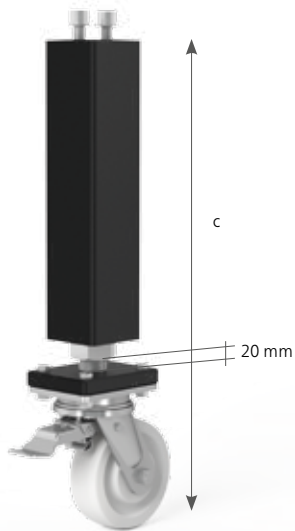
- 50 mm vernier adjustment
- table height 650-900 mm adjustable

Leg height-adjustable 550-900

- 50 mm vernier adjustment
- table height 750-1100 mm adjustable

Length:	Width:	Height: (c)	Weight:	Item No.
90 mm	90 mm	450-700 mm	9,20 kg	2-280878.X ●
90 mm	90 mm	550-900 mm	11,00 kg	2-280877.X ●

● Stock item / ○ Item is made to order



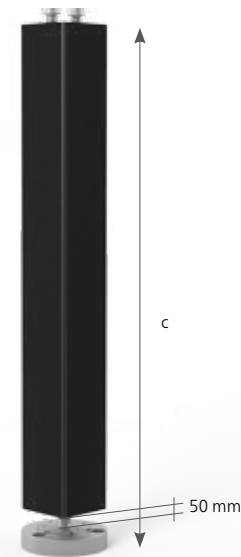
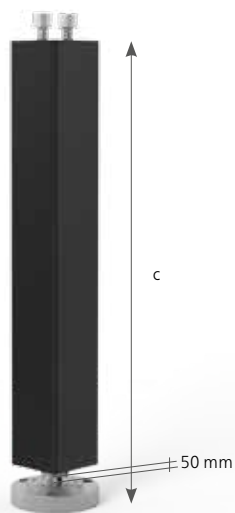
Leg with Caster and Locking Brake 650
- 20 mm vernier adjustment

Length:	Width:	Height: (c)	Weight:	Item No.
90 mm	90 mm	650 mm	9,00 kg	2-280876.X ●

Leg height-adjustable with Caster and Locking Brake 550-750
- 20 vernier adjustment
- table height 750-950 mm adjustable

90 mm	90 mm	550-750 mm	14,70 kg	2-280879.X ●
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● Stock item / ○ Item is made to order



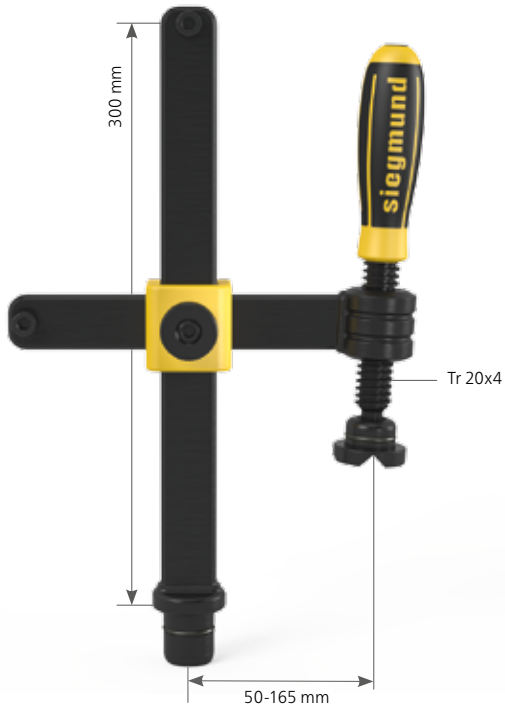
Leg with Floor Anchoring 650
- 50 mm vernier adjustment

Length:	Width:	Height: (c)	Weight:	Item No.
90 mm	90 mm	650 mm	8,50 kg	2-280874.X ●

Leg with Floor Anchoring 750
- 50 mm vernier adjustment

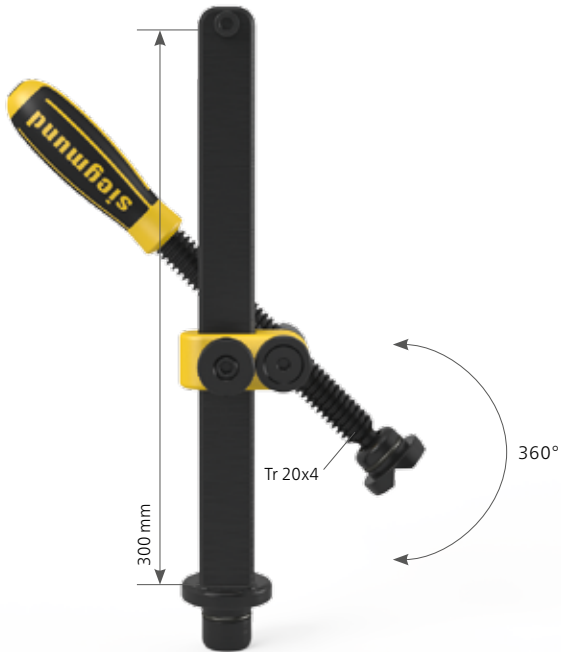
90 mm	90 mm	750 mm	9,00 kg	2-280875.X ●
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● Stock item / ○ Item is made to order



Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	5 kN	2,70 kg	2-280610 •

• Stock item / ○ Item is made to order



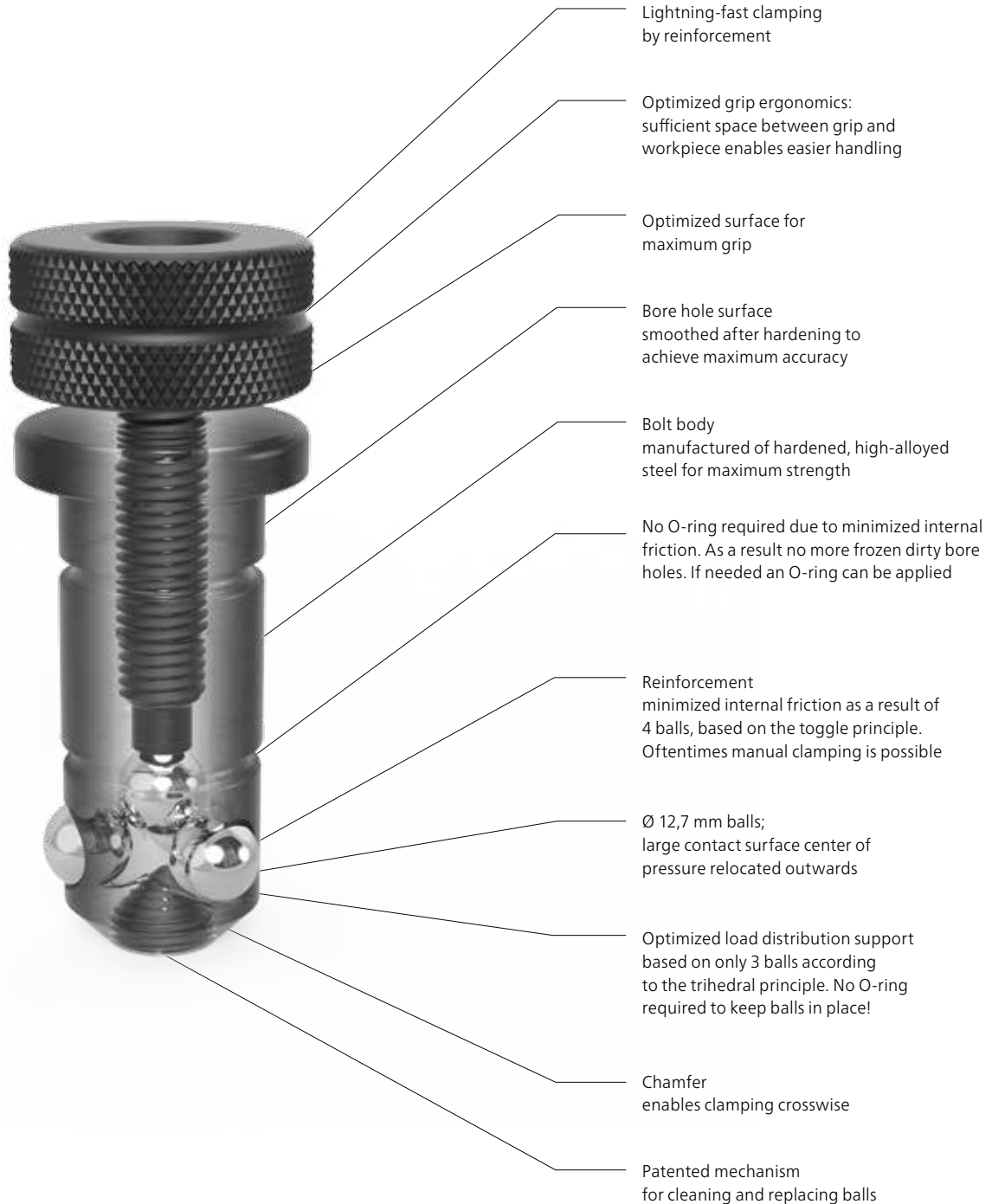
Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp 45° / 90°	5 kN	2,30 kg	2-280630 •

• Stock item / ○ Item is made to order



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.

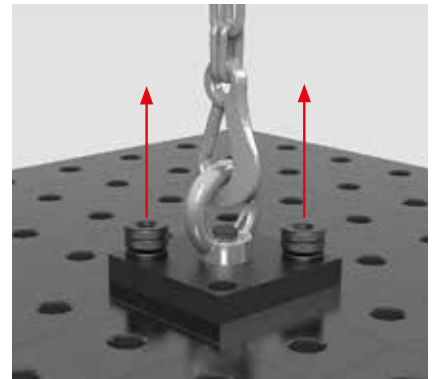
Max. AM of 280510: ≤ 25 Nm



SHEARING FORCE (SK)

The shearing force is a 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.

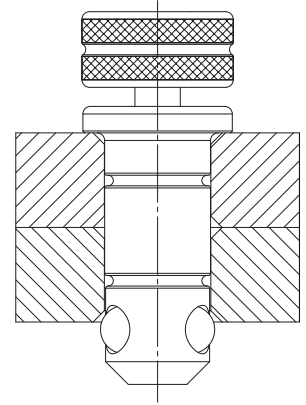
Max. ZK of 280510: ≤ 25 kN



reddot design award
winner 2012

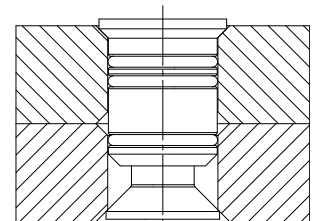


German
Design Award
SPECIAL
MENTION 2014



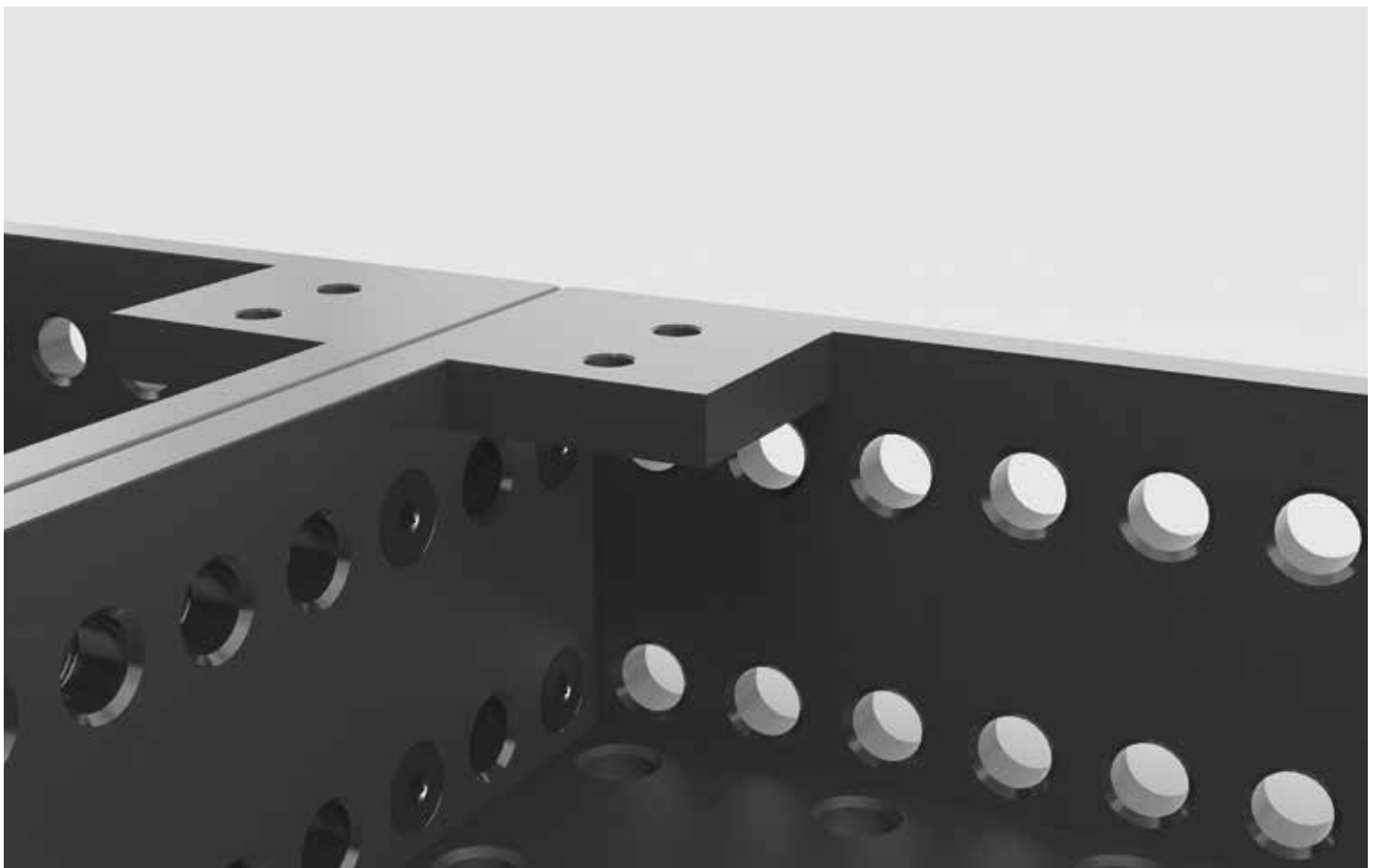
	Length:	Ø:	Weight:	SK:	AM:	ZK:	Item No.
Fast Clamping Bolt short - for clamping 2 components - burnished	95 mm	28 mm	0,54 kg	220,00 kN	25,00 Nm	25,00 kN	2-280510 ●

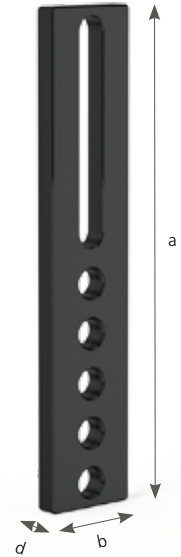
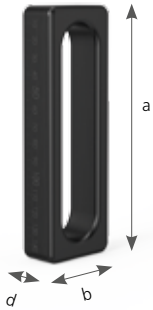
SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;
● Stock item / ○ Item is made to order



	Length:	Ø:	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 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;
● Stock item / ○ Item is made to order





Universal Stop 150 L

- nitrided
- standard with fine scaling on both sides

Universal Stop 225 L

- nitrided
- standard with fine scaling on both sides

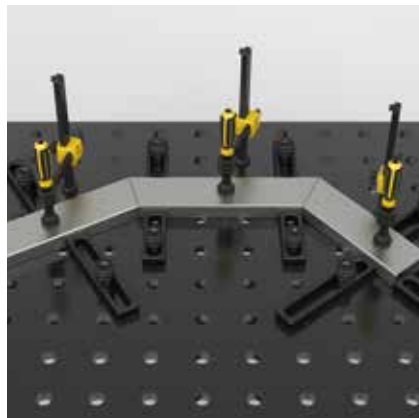
Universal Stop 500 S

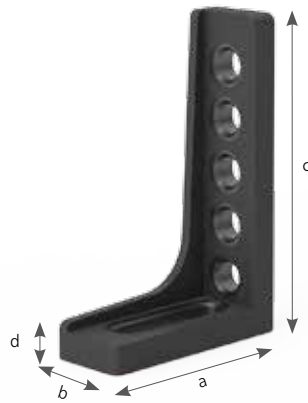
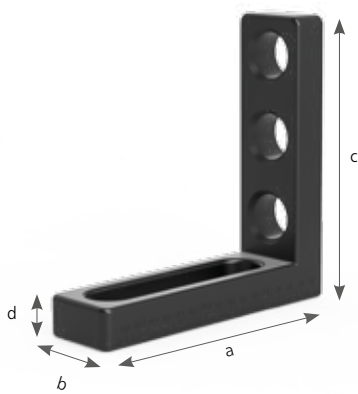
- nitrided
- 5 system bore holes

	Length: (a)	Width: (b)	MS: (d)	VB:	Weight:	Item No.
Universal Stop 150 L	150 mm	50 mm	25 mm	100 mm	0,78 kg	2-280410.N ●
Universal Stop 225 L	225 mm	50 mm	25 mm	100 mm	1,40 kg	2-280420.N ●
Universal Stop 500 S	500 mm	100 mm	25 mm	200 mm	7,90 kg	2-280430.N ●

MS=Material thickness; VB=Adjusting range;

● Stock item / ○ Item is made to order

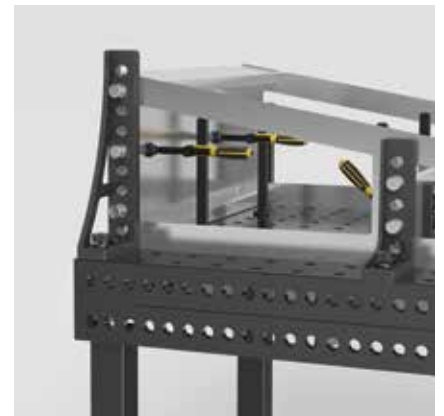
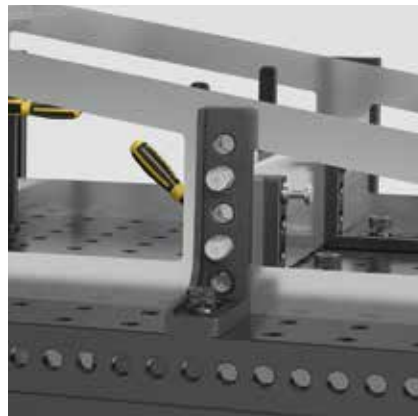


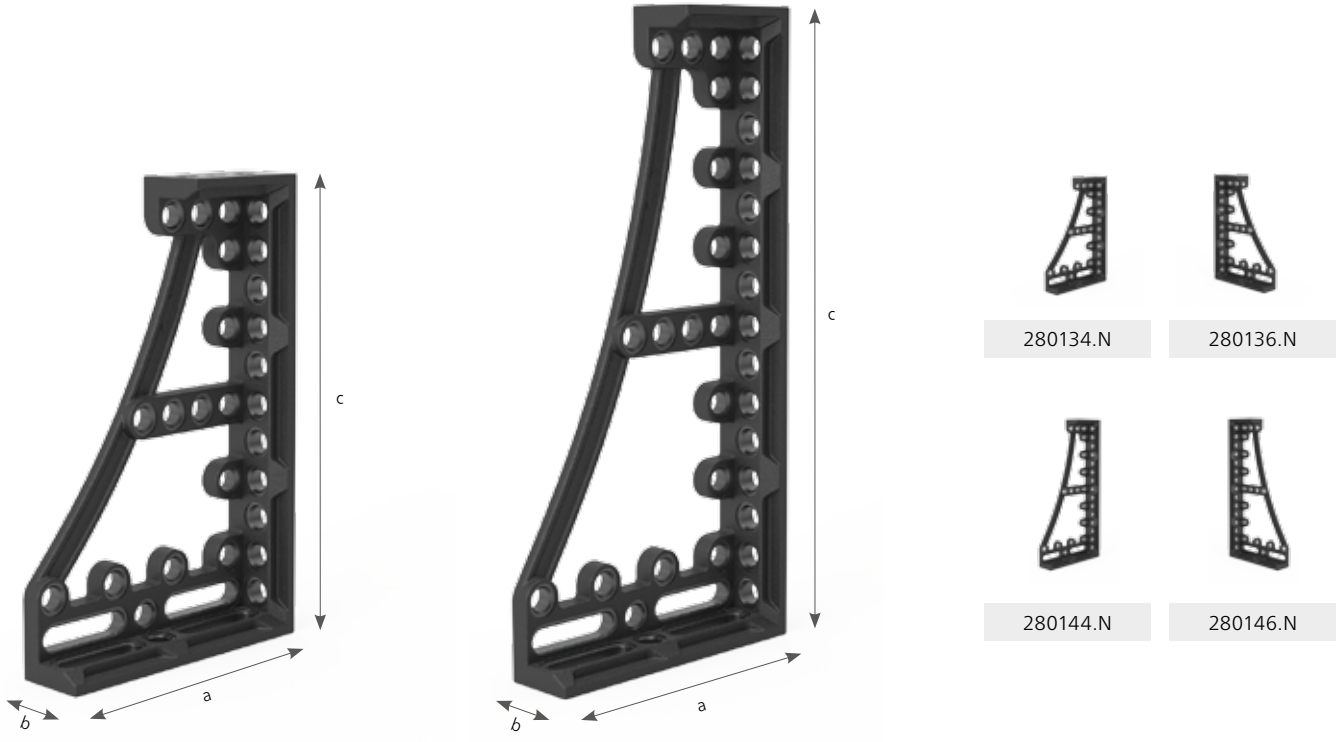


	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L - drill hole / oblong slot - cast iron / nitrided - standard with fine scaling on both sides	175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N ●
Stop and Clamping Square 300 G - stop on left - nitrided	200 mm	75 mm	300 mm	27 mm	6,00 kg	2-280152.N ●
Stop and Clamping Square 500 G - stop on left - nitrided	200 mm	75 mm	500 mm	27 mm	9,40 kg	2-280162.N ●

MS=Material thickness;

● Stock item / ○ Item is made to order



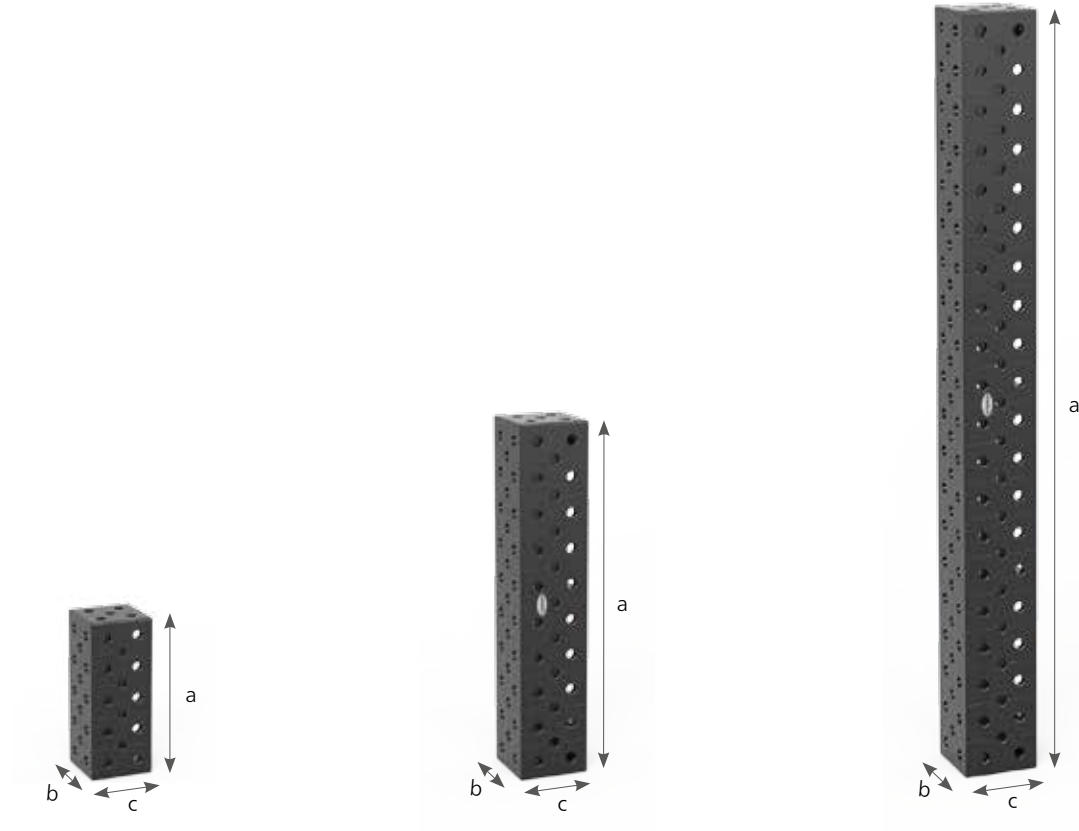


	Length: (a)	Width: (b)	Height: (c)	MS:	Weight:	Item No.
Stop and Clamping Square 600 GK - stop on left - nitrided - standard with fine scaling on both sides	376 mm	95 mm	600 mm	approx. 27 mm	22,50 kg	2-280134.N ●
Stop and Clamping Square 600 GK - stop on right - nitrided - standard with fine scaling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

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



Some parts on the illustration are from our main catalog.

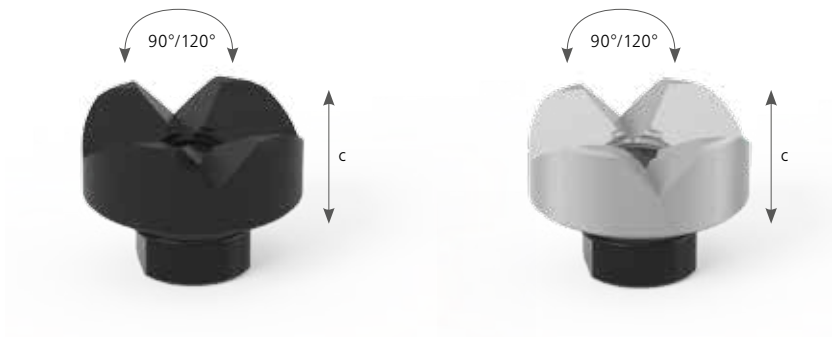


	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Square U-Shape 500x200x200 Plasma nitrided	500 mm	200 mm	200 mm	approx. 68 kg	2-280360.P ●
Square U-Shape 1000x200x200 Plasma nitrided	1000 mm	200 mm	200 mm	approx. 130 kg	2-280370.P ●
Square U-Shape 2000x200x200 Plasma nitrided	2000 mm	200 mm	200 mm	approx. 245 kg	2-280390.P ●

● Stock item / ○ Item is made to order



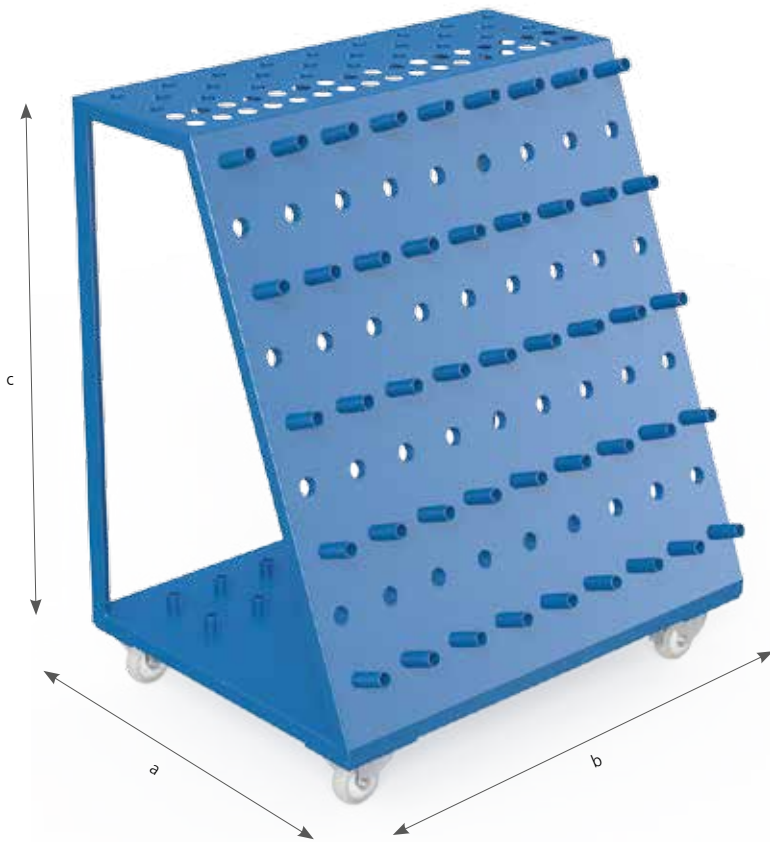
Some parts on the illustration are from our main catalog.



	Height: (c)	Ø:	Weight:	Item No.
Vario Prism Ø 50 90° / 120° with screwed-in collar - burnished - M16 thread	20 mm	50 mm	0,20 kg	2-280645.1 ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - aluminum - M16 thread	20 mm	50 mm	0,07 kg	2-280645.1.A ●

● Stock item / ○ Item is made to order





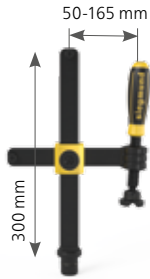
Tool Cart
- varnished

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

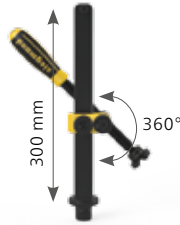
● Stock item / ○ Item is made to order



2-283100



Clamp
burnished
280610
4 x



Clamp
burnished
280630
2 x



Prism
burnished
280648.1
2 x



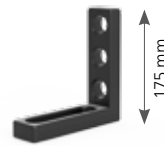
Bolt
burnished
280510
12 x



Stop
nitrided
280410.N
4 x



Stop
nitrided
280420.N
4 x



Square
nitrided
280110.N
2 x



Square
nitrided
280152.N
2 x



Eccentric Stop
burnished
280402
1 x



Allen Wrench
280852.1
1 x



Brush
280820
1 x



Oilstone
000940
1 x



CleanBasic
000911
1 x

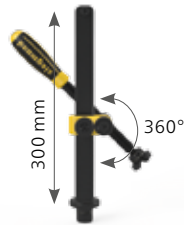


Anti-Spatter
000921
1 x

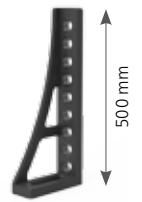
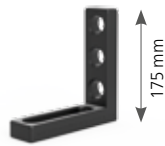
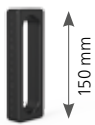


Burner Holder
burnished
280920
1 x

2-283200



Clamp	Clamp	Prism	Bolt	Magnetic Bolt
burnished	burnished	burnished	burnished	Aluminium
280610	280630	280648.1	280510	280740
6 x	4 x	4 x	18 x	4 x



Stop	Stop	Square	Square	Square
nitrided	nitrided	nitrided	nitrided	nitrided
280410.N	280420.N	280110.N	280152.N	280162.N
6 x	6 x	4 x	2 x	2 x



Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
burnished						burnished
280402	280852.1	280820	000940	000911	000921	280920
1 x	1 x	1 x	1 x	1 x	1 x	1 x

2-283300

Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop
burnished	burnished	burnished	burnished	Aluminium	nitrided
280610	280630	280648.1	280510	280740	280410.N
10 x	6 x	4 x	24 x	4 x	8 x

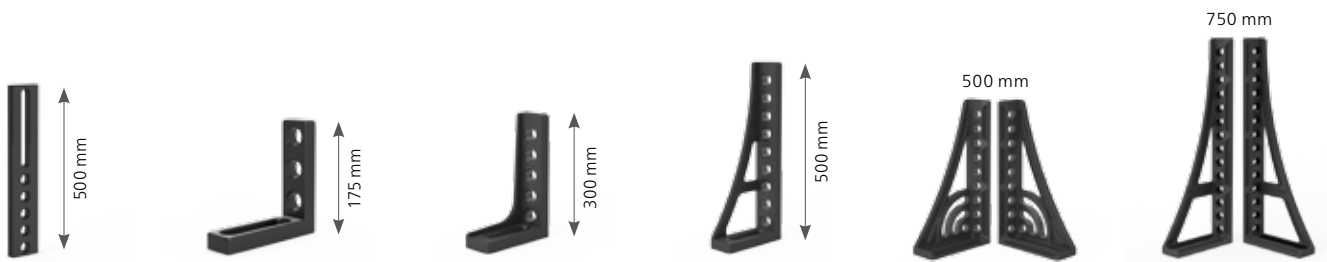
Stop	Square	Square	Square	Square
nitrided	nitrided	nitrided	nitrided	nitrided
280420.N	280110.N	280152.N	280162.N	280166+67.N
8 x	6 x	2 x	2 x	1 x + 1 x

Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
burnished						burnished
280402	280852.1	280820	000940	000911	000921	280920
1 x	1 x	1 x	1 x	1 x	1 x	1 x

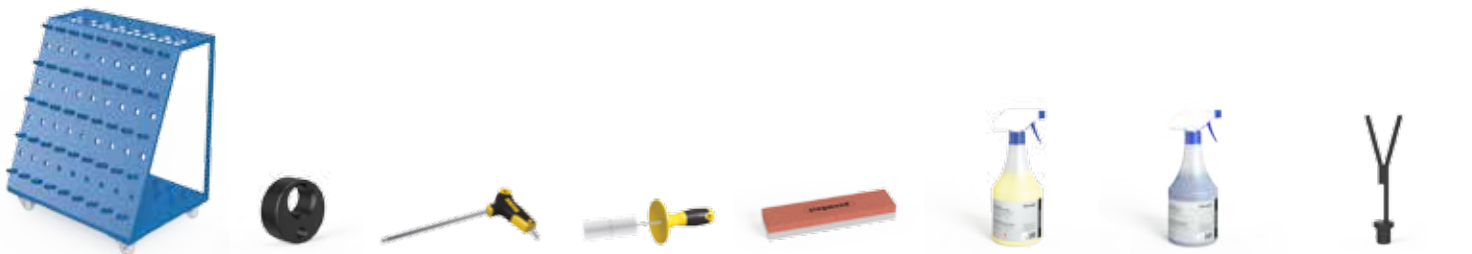
2-283400



Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop	Stop
burnished	burnished	burnished	burnished	Aluminium	nitrided	nitrided
280610	280630	280648.1	280510	280740	280410.N	280420.N
14 x	10 x	6 x	30 x	8 x	10 x	10 x



Stop	Square	Square	Square	Square	Square
nitrided	nitrided	nitrided	nitrided	nitrided	nitrided
280430.N	280110.N	280152.N	280162.N	280164+65.N	280166+67.N
4 x	8 x	2 x	2 x	1 x + 1 x	1 x + 1 x

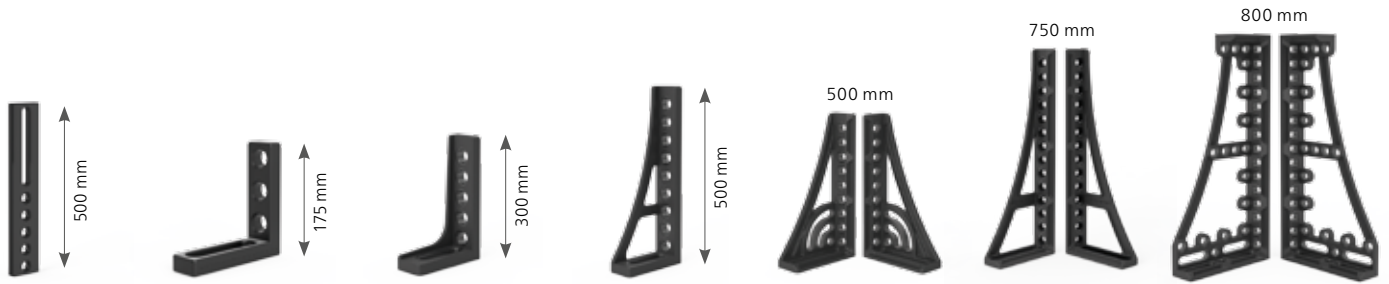


Tool Cart	Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
	burnished						burnished
280910	280402	280852.1	280820	000940	000911	000921	280920
1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x

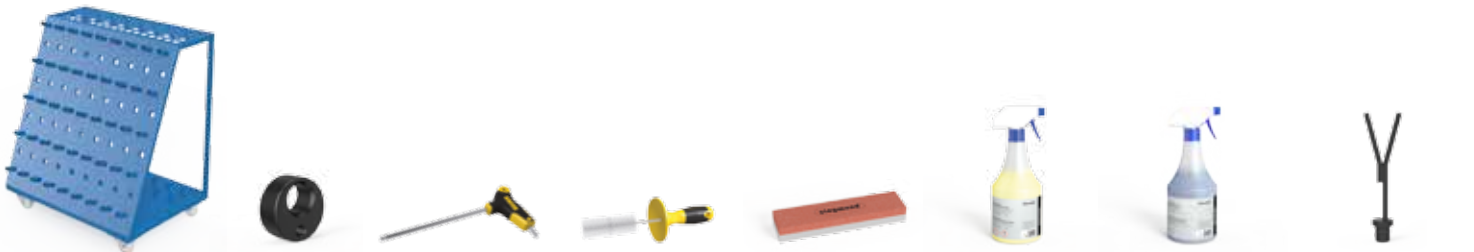
2-283500



Clamp	Clamp	Prism	Bolt	Magnetic Bolt	Stop	Stop
burnished	burnished	burnished	burnished	Aluminium	nitrided	nitrided
280610	280630	280648.1	280510	280740	280410.N	280420.N
14 x	10 x	8 x	36 x	8 x	12 x	12 x



Stop	Square	Square	Square	Square	Square	Square
nitrided	nitrided	nitrided	nitrided	nitrided	nitrided	nitrided
280430.N	280110.N	280152.N	280162.N	280164+65.N	280166+67.N	280144+46.N
4 x	12 x	2 x	2 x	1 x + 1 x	1 x + 1 x	1 x + 1 x



Tool Cart	Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
	brüniert						burnished
280910	280402	280852.1	280820	000940	000911	000921	280920
1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x





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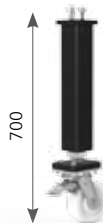
PROFESSIONAL 750

The Professional 750 table System 22 has a diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm, the thickness of the material is 17 – 19 mm. It is manufactured of high quality steel S355J2+N and is also plasma-nitrided. Grid lines with a spacing of 100 mm simplify the set-up of your device. By equipping the welding tables with a diagonal grid the clamping options are nearly doubled.

TABLE LEGS



Leg standard equipment



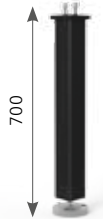
Leg with Caster and Locking Brake



Leg height-adjustable

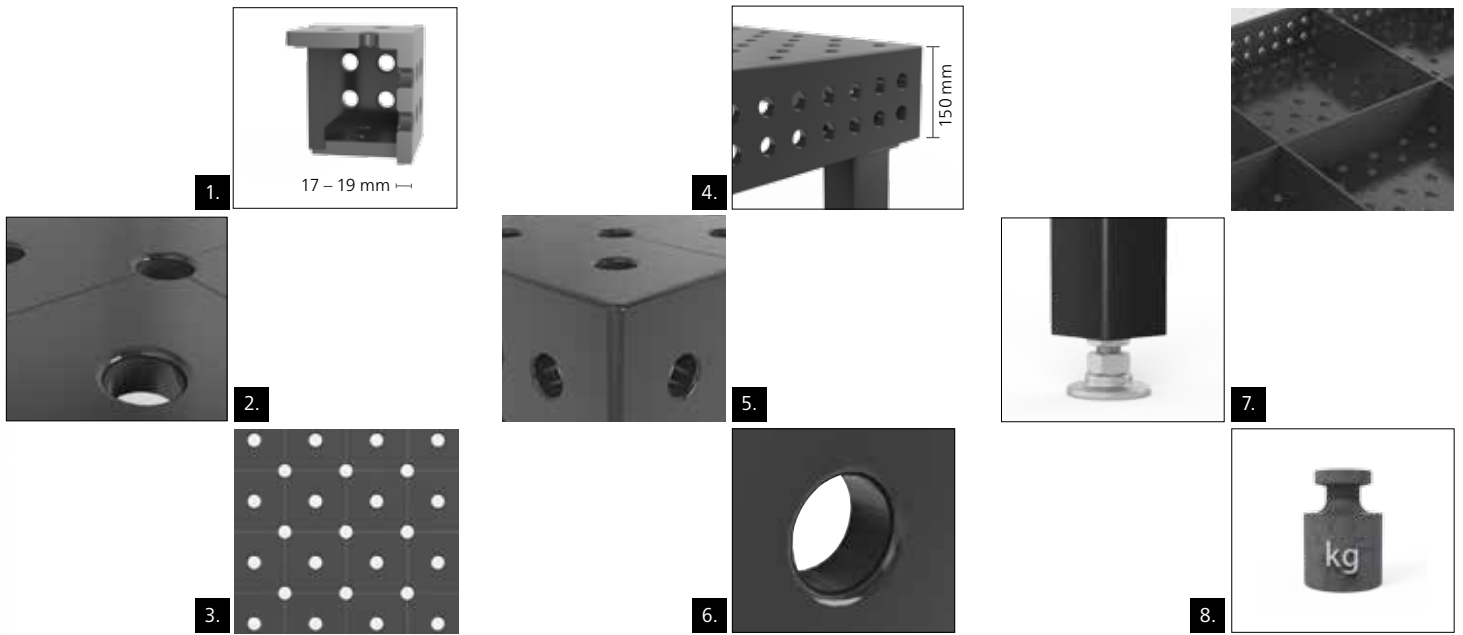


Leg height-adjustable with Caster and Locking Brake



Leg with Floor Anchoring

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



1. MATERIAL THICKNESS

approx. 17 – 19 mm

2. MATERIAL

premium steel S355J2+N
+ plasma nitration and BAR-coating

3. DATA

- Borehole surface in diagonal grid
- Grid element spacing 100 mm

4. TABLE SIDE PANEL

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

5. ELABORATE RADIUSSES

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

6. SYSTEM BOREHOLE

- Ø 22 mm

Radius R2,5 for boreholes on the table surface:

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

7. TABLE LEGS

- Square pipe 80x80 mm
- Base plate Ø 80 mm
- Leg 50 mm vernier adjustment (Data only for Leg standard equipment)

8. BEARING LOAD

Bearing load: 1.000 kg per leg
Maximum recommended statistical overall weight:
with 4 legs = 2.000 kg
with 6 legs = 3.000 kg
based on even load distribution.
(Data only for Leg standard equipment)

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

Please consult with manufacturer if higher overall loads are required.

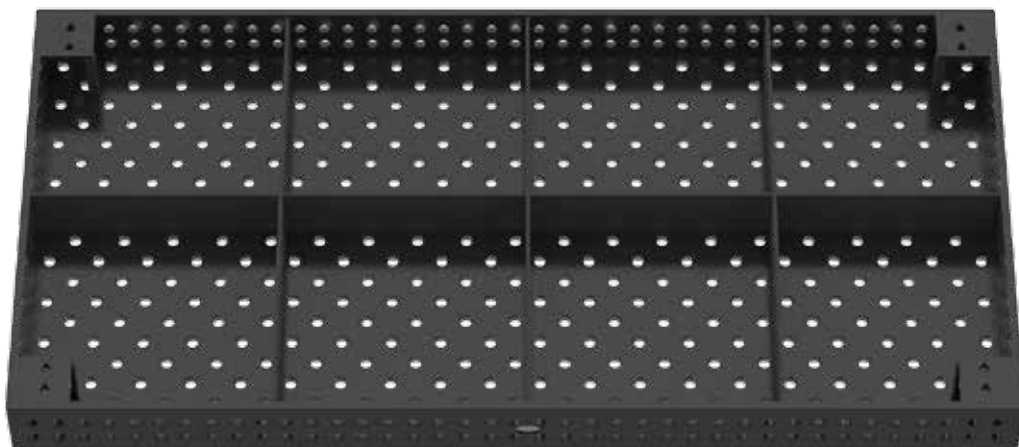


Picture shows table with plasmanitration.

Description:

The Professional 750 table System 22 has a diagonal hole arrangement on the table top and a parallel hole pattern in a 50 mm grid on the sides. The diameter of the bore holes is 22 mm. The table has a material thickness of 17 – 19 mm and is made of premium steel S355J2+N with plasmanitration. Designed with diagonal grid the clamping options of this table are almost doubled. Grid lines with a spacing of 100 mm simplify the set-up of your device.

The welding tables are provided with scale as a standard.



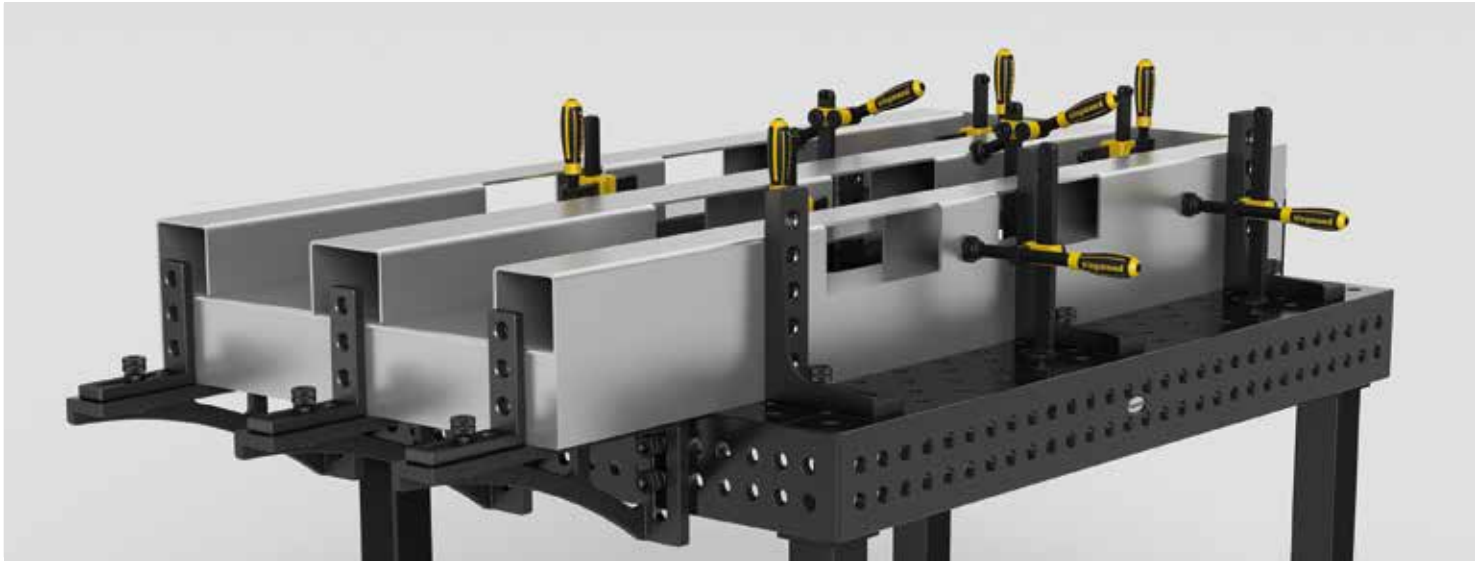


	Table legs:	Length:	Width:	Height:	Weight:	Diagonal grid Steel S355J2+N	Diagonal grid plasma nitration
Professional 750 1000x1000x150 mm with leg standard equipment 700 Table height 850	4	1000 mm	1000 mm	150 mm	approx. 298 kg	2-220010.D ○	2-220010.PD ●
Professional 750 1500x1000x150 mm with leg standard equipment 700 Table height 850	4	1500 mm	1000 mm	150 mm	approx. 414 kg	2-220035.D ○	2-220035.PD ●
Professional 750 2000x1000x150 mm with leg standard equipment 700 Table height 850	4	2000 mm	1000 mm	150 mm	approx. 521 kg	2-220020.D ○	2-220020.PD ●
Professional 750 2400x1200x150 mm with leg standard equipment 700 Table height 850	6	2400 mm	1200 mm	150 mm	approx. 729 kg	2-220030.D ○	2-220030.PD ●
Professional 750 3000x1500x150 mm with leg standard equipment 700 Table height 850	6	3000 mm	1500 mm	150 mm	approx. 1076 kg	2-220040.D ○	2-220040.PD ●

● Stock item / ○ Item is made to order

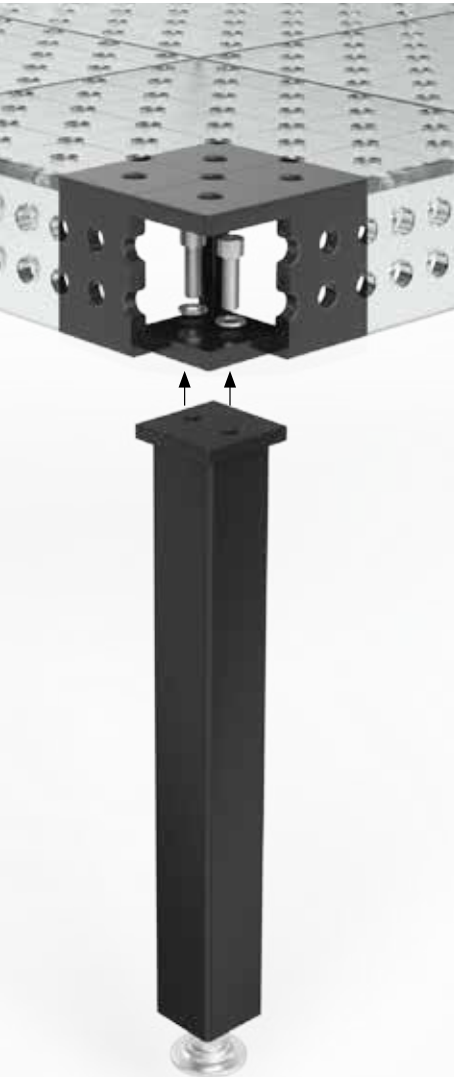
Professional 750 welding tables are not included in the main catalogue 2015/2016.

INSTALLATION TABLE LEGS:

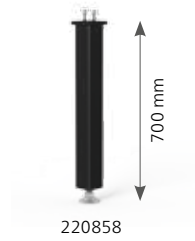
Per table leg two cylinder bolts with spring rings are inserted in the mounting panel. Afterwards the table leg is bolted at a torque of 150 Nm.

Screws are included in delivery.

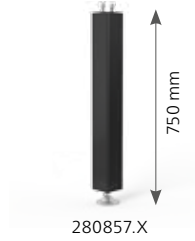
Please follow enclosed installation instructions.



LEG STANDARD EQUIPMENT



Bearing load:
1,000 kg
per leg

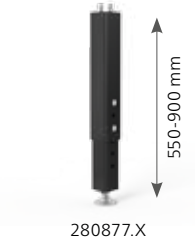


Bearing load:
2,000 kg
per leg

LEG HEIGHT-ADJUSTABLE

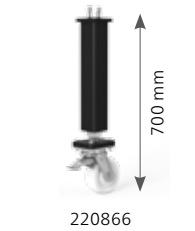


Bearing load:
2,000 kg
per leg



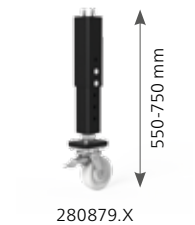
Bearing load:
2,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE



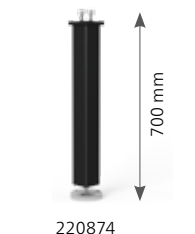
Bearing load:
800 kg
per leg

LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE



Bearing load:
800 kg
per leg

LEG WITH FLOOR ANCHORING



Bearing load:
1,000 kg
per leg

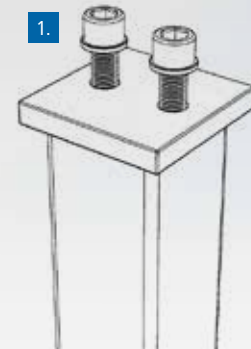


BEARING LOAD PER LEG

The maximum bearing load per leg in System 22 is max. 800 – 2.000 kg for all tables depending on the leg type.

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

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



1. ALLEN SCREW

- with M16 thread
- with lockwasher for security

2. MATERIAL

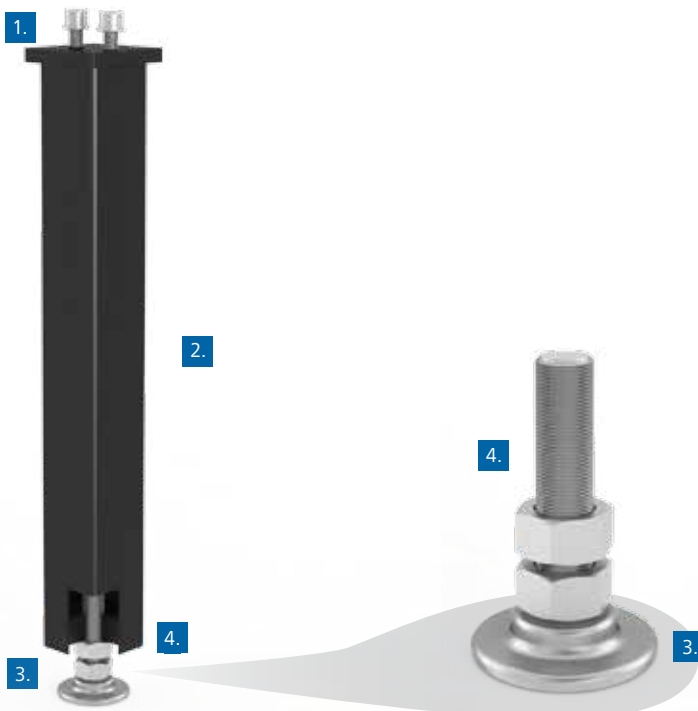
- stable square pipe 80x80 mm
- for high stability
- powder coated

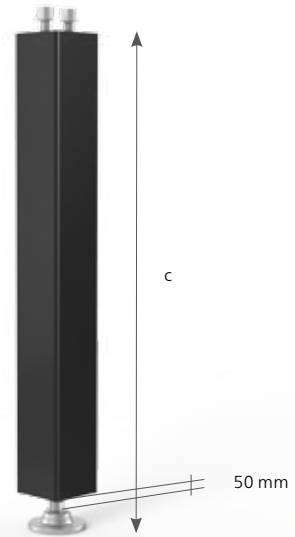
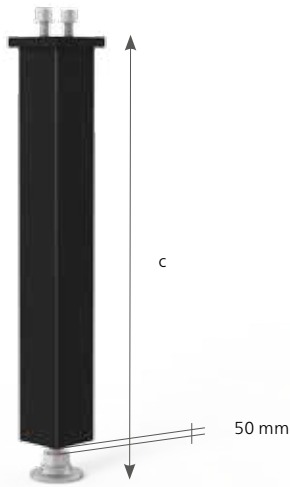
3. BASE PLATE

- Ø 80 mm
- for good pressure distribution
- sturdy construction

4. THREADED ARBOR

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





Leg standard equipment 700

- 50 mm vernier adjustment
- Standard-leg for Professional 750 table System 22

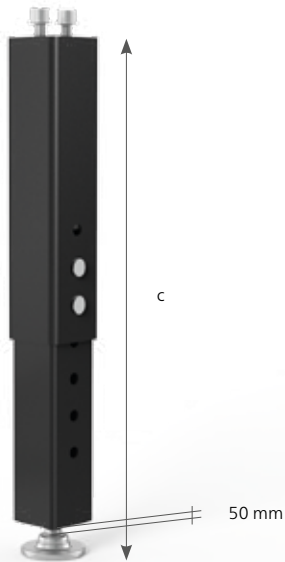
Length:	Width:	Height: (c)	Weight:	Item No.
80 mm	80 mm	700 mm	7,50 kg	2-220858 ●

Leg standard equipment 750

- 50 mm vernier adjustment
- alternative height

90 mm	90 mm	750 mm	9,00 kg	2-280857.X ●
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● Stock item / ○ Item is made to order



Leg height-adjustable 450-700

- 50 mm vernier adjustment
- table height 600-850 mm adjustable

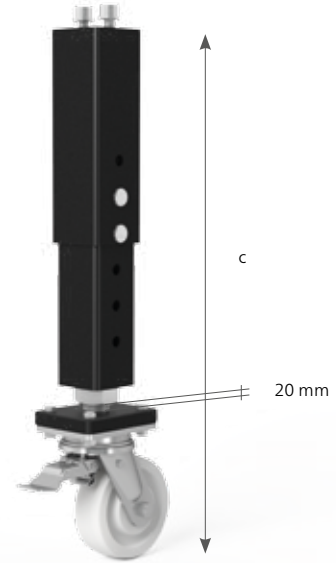
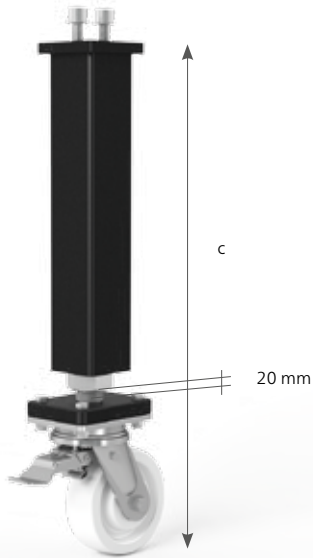
Length:	Width:	Height: (c)	Weight:	Item No.
90 mm	90 mm	450-700 mm	9,20 kg	2-280878.X ●

Leg height-adjustable 550-900

- 50 mm vernier adjustment
- table height 700-1050 mm adjustable

90 mm	90 mm	550-900 mm	11,00 kg	2-280877.X ●
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● Stock item / ○ Item is made to order



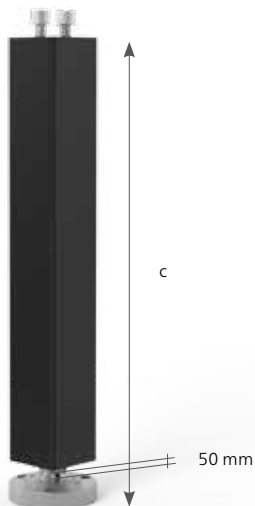
Leg with Caster and Locking Brake 700
- 20 mm vernier adjustment

Length:	Width:	Height: (c)	Weight:	Item No.
80 mm	80 mm	700 mm	13,70 kg	2-220866 ●

Leg height-adjustable with Caster and Locking Brake 550-750
- 20 vernier adjustment
- table height 700-900 mm adjustable

90 mm	90 mm	550-750 mm	14,70 kg	2-280879.X ●
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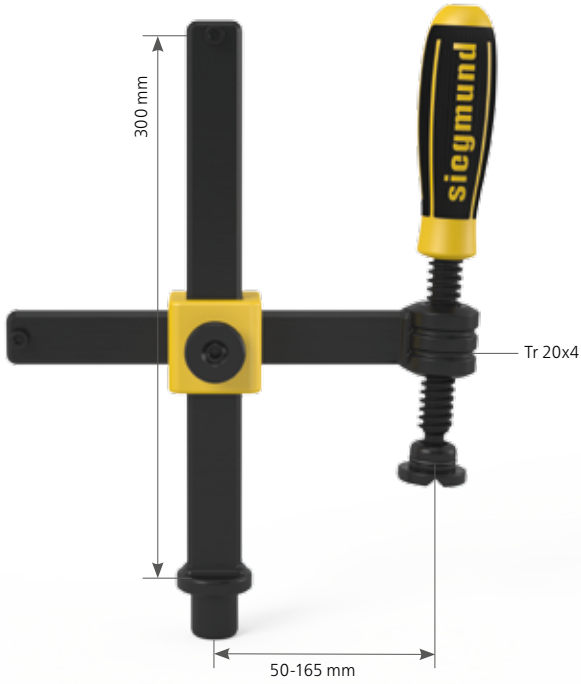
● Stock item / ○ Item is made to order



Leg with Floor Anchoring 700
- 50 mm vernier adjustment

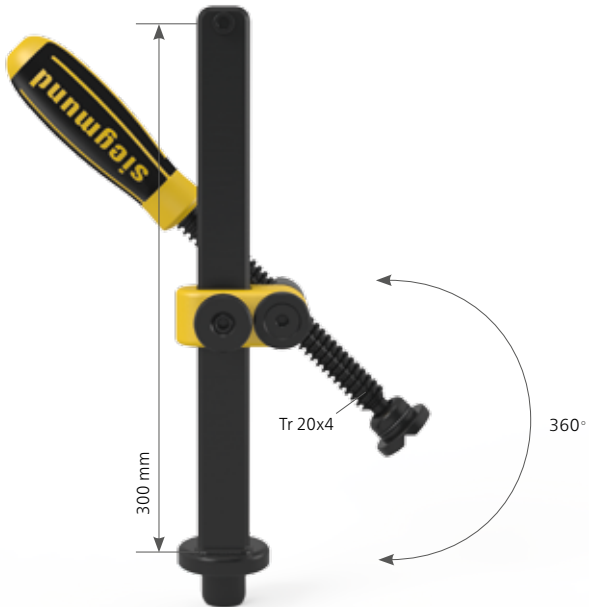
Length:	Width:	Height: (c)	Weight:	Item No.
80 mm	80 mm	700 mm	9,50 kg	2-220874 ●

● Stock item / ○ Item is made to order



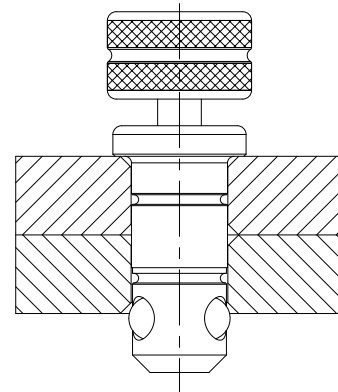
Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	4 kN	2,70 kg	2-220610 ●

● Stock item / ○ Item is made to order



Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp 45°/90°	4 kN	2,30 kg	2-220630 ●

● Stock item / ○ Item is made to order



Lenght: Ø: Weight: SK: AM: ZK: Item No.

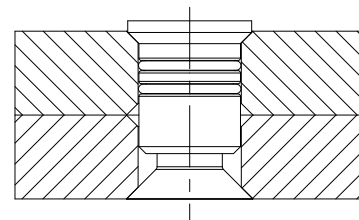
Fast Clamping Bolt short

- for clamping 2 components
- burnished

81 mm 22 mm 0,33 kg 130,00 kN 15,00 Nm 15,00 kN 2-220510 ●

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

● Stock item / ○ Item is made to order



Height: Ø: Weight: SK: AM: ZK: Item No.

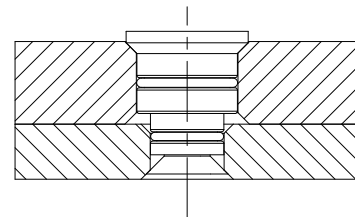
Connecting Bolt

- for connecting 2 components
- burnished

38 mm 22 mm 0,11 kg 120,00 kN 15,00 Nm 6,00 kN 2-220560 ●

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

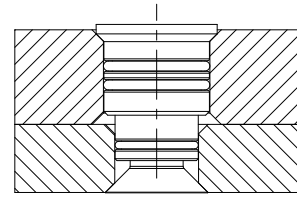
● Stock item / ○ Item is made to order



	Height:	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt 22 -> 16 - burnished	31 mm	0,15 kg	50,00 kN	15,00 Nm	4,00 kN	2-022016 ●

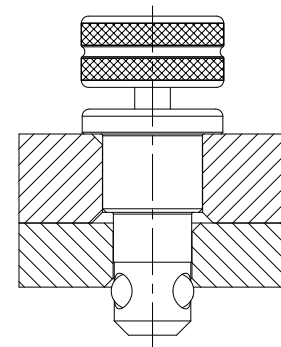
SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;
 ● Stock item / ○ Item is made to order





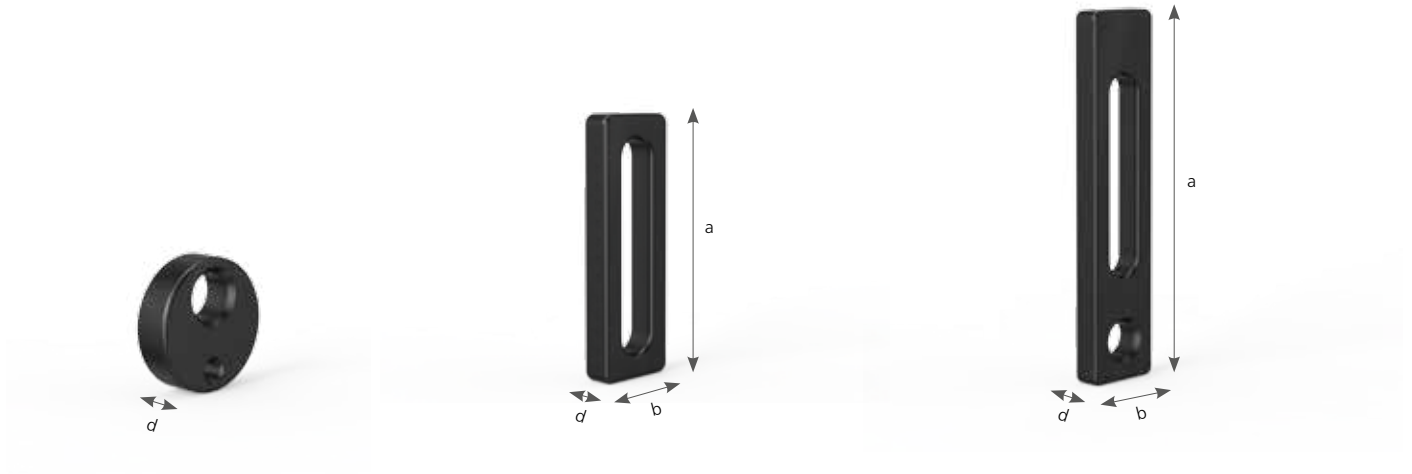
	Height:	Weight:	SK:	AM:	ZK:	Item No.
Connecting Bolt 28 -> 22 - burnished	45 mm	0,09 kg	120,00 kN	15,00 Nm	6,00 kN	2-028022 ●

SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;
 ● Stock item / ○ Item is made to order



	Height:	Weight:	SK:	AM:	ZK:	Item No.
Combination Clamping Bolt 28 -> 22 short - burnished	88 mm	0,45 kg	130,00 kN	15,00 Nm	15,00 kN	2-002822 ●

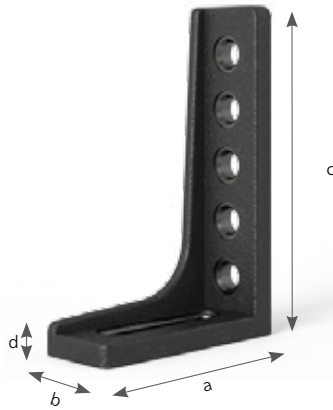
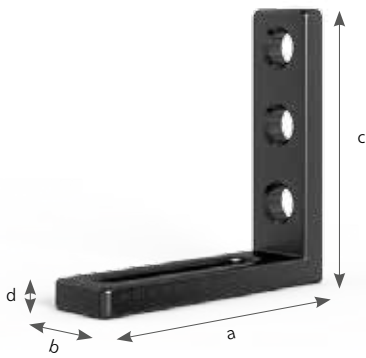
SK=Shearing Force; AM=Tightening Torque; ZK=Tensile Force;
 ● Stock item / ○ Item is made to order



	Length: (a)	Width: (b)	MS: (d)	Weight:	Item No.
Eccentric Stop Ø 60 with M10 thread - burnished - for ground connection			18 mm	0,33 kg	2-220402 ●
Universal Stop 150 L - nitrided	150 mm	50 mm	18 mm	0,67 kg	2-220410.N ●
Universal Stop 225 L - nitrided	225 mm	50 mm	18 mm	1,13 kg	2-220420.N ●

MS=Material thickness;

● Stock item / ○ Item is made to order



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

Stop and Clamping Square 175 L

- drill hole / oblong slot
- nitrided
- Standard with fine scaling on both sides

175 mm 50 mm 175 mm 18 mm 1,65 kg 2-220110.N ●

Stop and Clamping Square 300 G *

- stop on left
- burnished

200 mm 75 mm 300 mm 20 mm 5,15 kg 2-220152 ●

Stop and Clamping Square 500 G

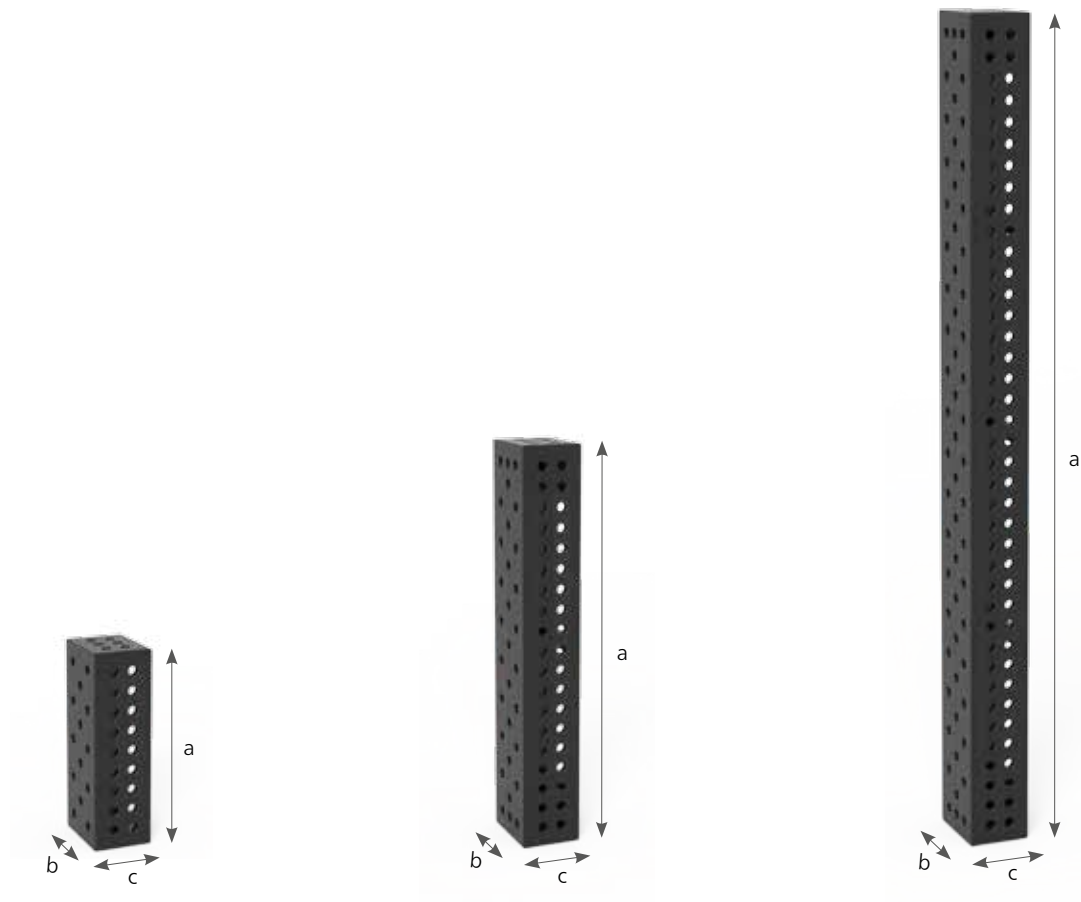
- stop on left
- nitrided

200 mm 75 mm 500 mm 20 mm 8,10 kg 2-220162.N ●

MS=Material thickness;

● Stock item / ○ Item is made to order

* We reserve the right to deliver also the nitrided version.



	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Square U-Shape 500x200x150 Plasma nitrided	500 mm	200 mm	150 mm	ca. 37 kg	2-220360.P ●
Square U-Shape 1000x200x150 Plasma nitrided	1000 mm	200 mm	150 mm	ca. 75 kg	2-220370.P ●
Square U-Shape 2000x200x150 Plasma nitrided	2000 mm	200 mm	150 mm	ca. 139 kg	2-220390.P ●

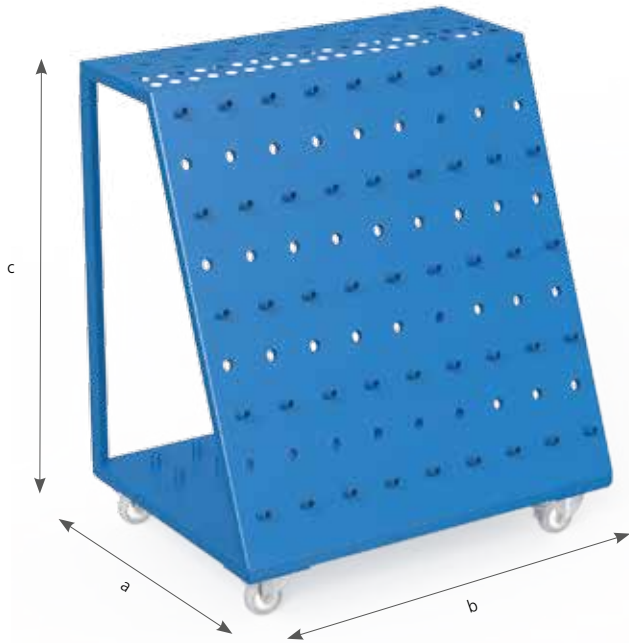
● Stock item / ○ Item is made to order



Vario Prism Ø 50 90° / 120° with screwed-in collar
 - burnished
 - M16 thread

Height:	Ø:	Weight:	Item No.
20 mm	50 mm	0,30 kg	2-220645.1 ●

● Stock item / ○ Item is made to order



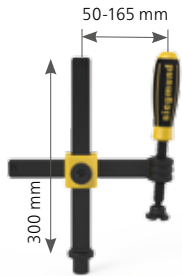
Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
660 mm	900 mm	1040 mm	50,00 kg	2-220910 ●

Tool Cart
- varnished

● Stock item / ○ Item is made to order



2-223100.1



Clamp	Prism	Bolt	Stop	Stop	Square
burnished	burnished	burnished	nitrided	nitrided	nitrided
220610	220645.1	220510	220410.N	220420.N	220110.N
4 x	4 x	16 x	6 x	6 x	4 x



Eccentric Stop	Allen Wrench	Brush	Oilstone	Sample CleanBasic	Sample Anti-Spatter
burnished					
220402	220852	220820	000940	000911	000921
1 x	1 x	1 x	1 x	1 x	1 x

2-223200.1



Clamp	Clamp	Prism	Bolt	Stop
burnished	burnished	burnished	burnished	nitrided
220610	220630	220645.1	220510	220410.N
8 x	4 x	8 x	24 x	8 x



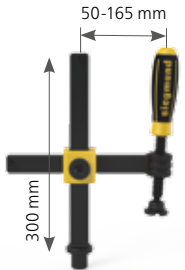
Stop	Square	Square	Square
nitrided	nitrided	burnished	nitrided
220420.N	220110.N	220152 *	220162.N
8 x	8 x	2 x	2 x



Eccentric Stop	Allen Wrench	Brush	Oilstone	Sample CleanBasic	Sample Anti-Spatter
burnished					
220402	220852	220820	000940	000911	000921
1 x	1 x	1 x	1 x	1 x	1 x

* We reserve the right to deliver also the nitrided version.

2-223300.1

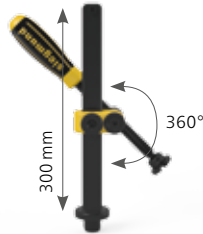


Clamp

burnished

220610

12 x



Clamp

burnished

220630

6 x

90°/120°



Prism

burnished

220645.1

8 x



Bolt

burnished

220510

36 x



Stop

nitrided

220410.N

12 x



Stop

nitrided

220420.N

12 x



Square

nitrided

220110.N

12 x

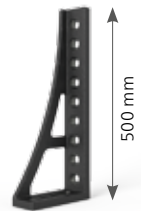


Square

burnished

220152 *

4 x



Square

nitrided

220162.N

4 x



Eccentric Stop

burnished

220402

1 x



Allen Wrench

220852

1 x



Brush

220820

1 x



Oilstone

000940

1 x



Sample CleanBasic

000911

1 x

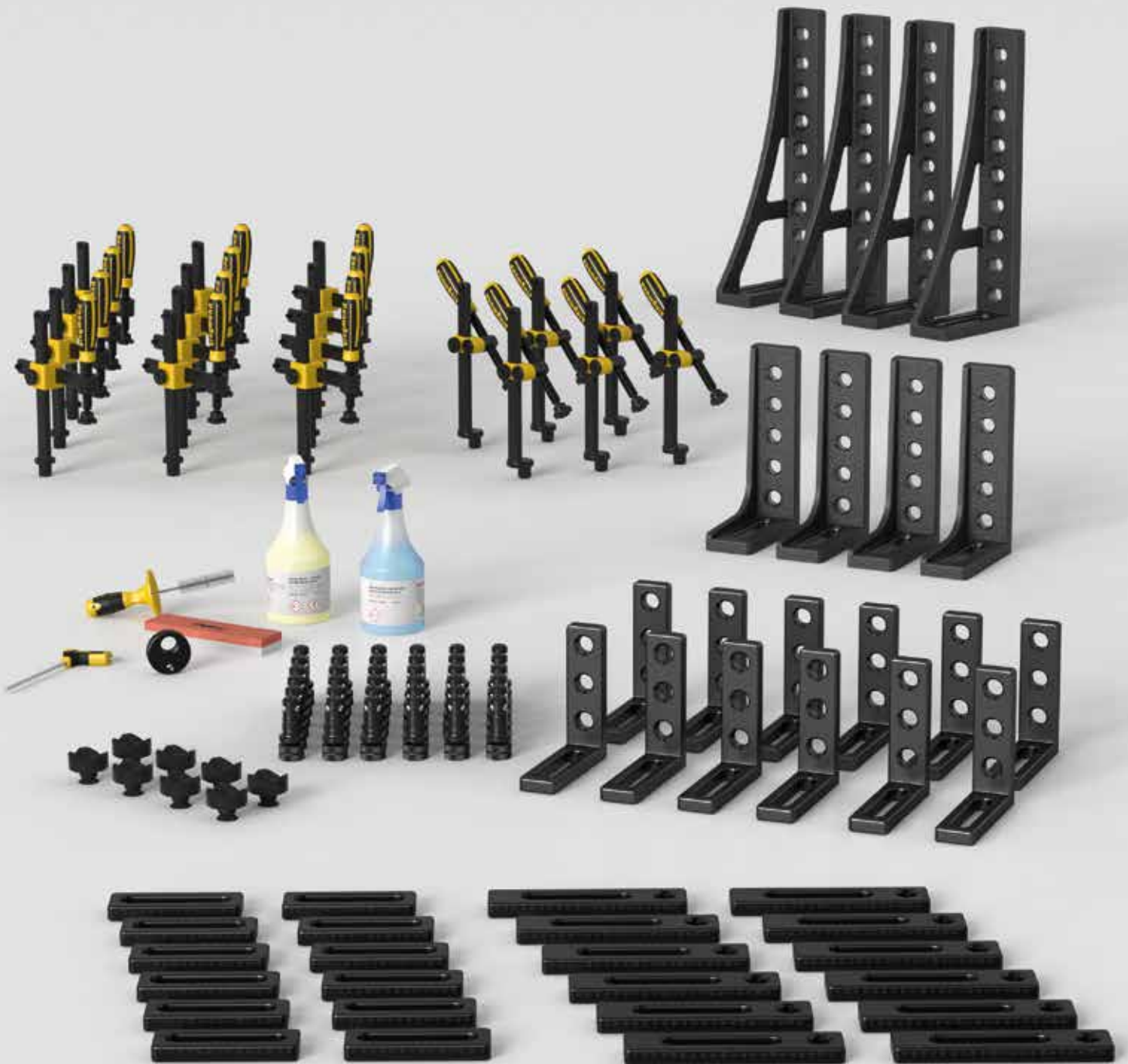


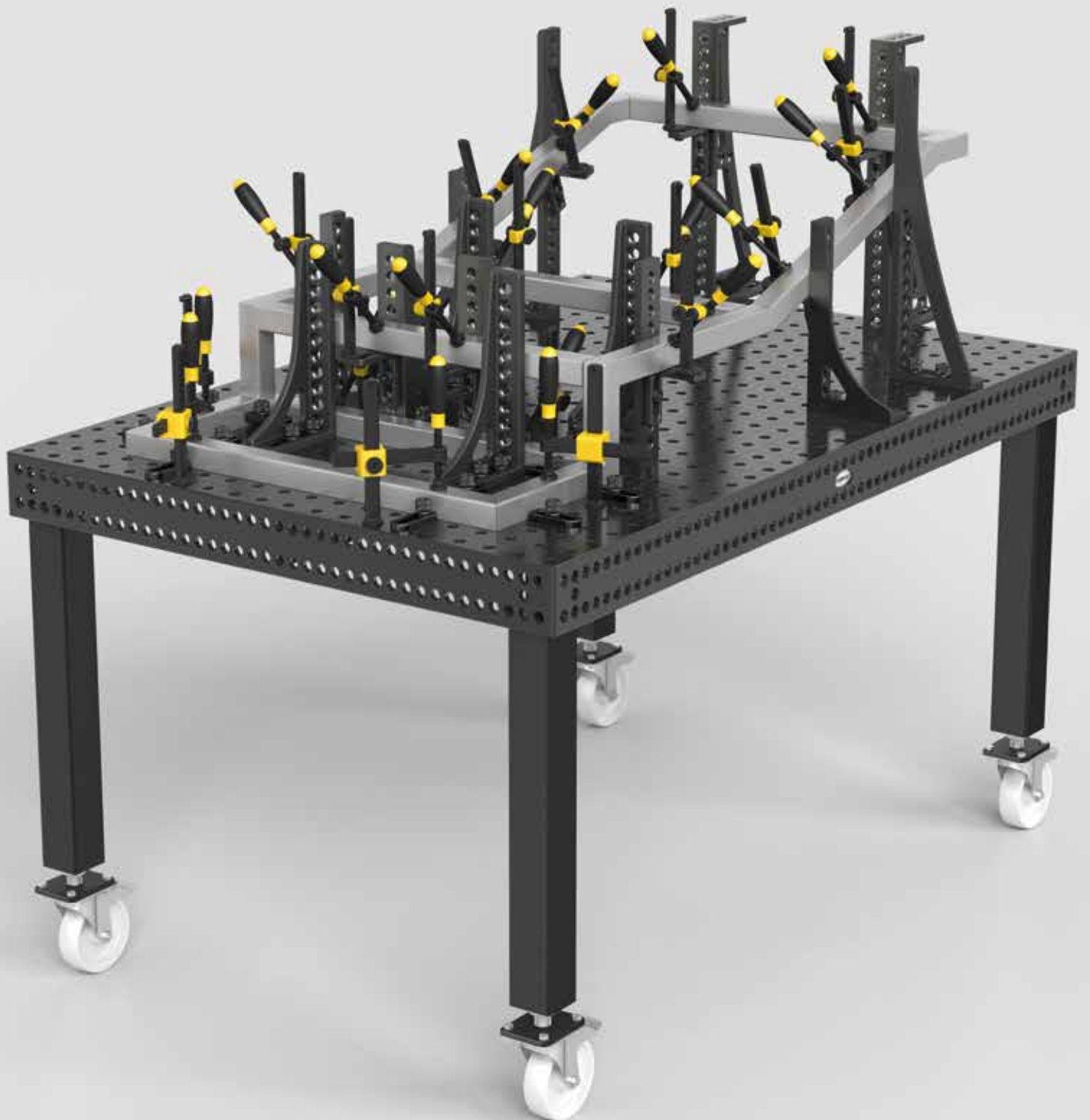
Sample Anti-Spatter

000921

1 x

* We reserve the right to deliver also the nitrided version.





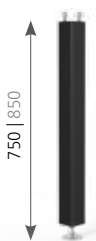
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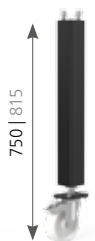
PROFESSIONAL 750

The Professional 750 table System 16 has a horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes is 16 mm, the thickness of the material is 11,5 – 13 mm. It is manufactured of high quality S355J2+N. Grid lines with a spacing of 50 mm simplify the set-up of your device. The welding tables are provided with scale as a standard.

TABLE LEGS



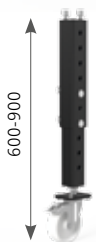
Leg standard equipment



Leg with Caster and Locking Brake



Leg height-adjustable

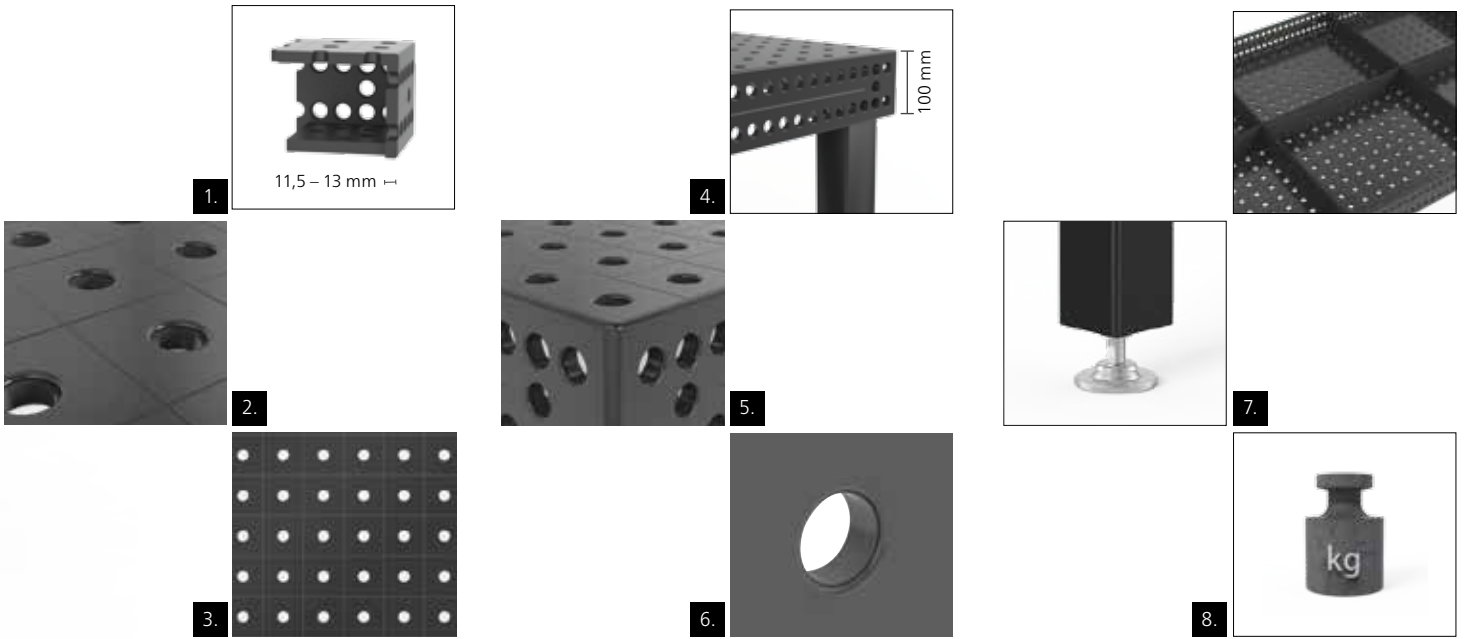


Leg height-adjustable with Caster and Locking Brake



Leg with Floor Anchoring

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



1. MATERIAL THICKNESS

approx. 11,5 – 13 mm

2. MATERIAL

premium steel S355J2+N
+ plasma nitration and BAR-coating

3. DATA

- Borehole spacing 50 mm
- Grid element spacing 50 mm

4. TABLE SIDE PANEL

- 100 mm high
- additional boreholes enable parallel clamping in 25 mm grid

5. ELABORATE RADIUSSES

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

6. SYSTEM BOREHOLE

- Ø 16 mm

Radius R2 for boreholes on the table surface:

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

7. TABLE LEGS

- Square pipe 70x70 mm
- Base plate Ø 70 mm
- Leg 40 mm vernier adjustment
(Data only for Leg standard equipment)

8. BEARING LOAD

Bearing load: 1.000 kg per leg
Maximum recommended statistical overall weight:
with 4 legs = 2.000 kg
with 6 legs = 3.000 kg
with 8 legs = 4.000 kg
based on even load distribution.
(Data only for Leg standard equipment)

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

Please consult with manufacturer if higher overall loads are required.



Picture shows table with plasmanitration.

Description:

The Professional 750 table System 16 has a horizontal / vertical hole arrangement in a 50 mm grid on the table top and a parallel hole pattern in a 25 mm grid on the sides. The diameter of the bore holes is 16 mm. The table has a material thickness of approx. 11,5-13 mm and is manufactured of high-quality steel S355J2+N. Grid lines with a spacing of 50 mm simplify the set-up of your device.

The welding tables are provided with scale as a standard.

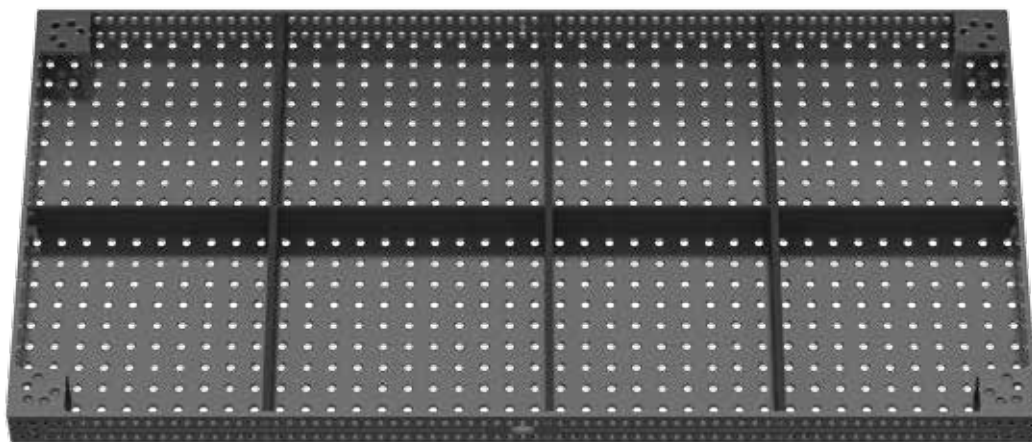




	Table Legs:	Length:	Width:	Height:	Weight:	50 mm grid Steel S355J2+N	50 mm grid plasma nitration
Professional 750 1200x800x100 mm with table leg standard equipment 750 Table height 850	4	1200 mm	800 mm	100 mm	ca. 196 kg	2-160025 ○	2-160025.P ●
Professional 750 1200x1200x100 mm with table leg standard equipment 750 Table height 850	4	1200 mm	1200 mm	100 mm	ca. 262 kg	2-160015 ○	2-160015.P ●
Professional 750 1500x1000x100 mm with table leg standard equipment 750 Table height 850	4	1500 mm	1000 mm	100 mm	ca. 282 kg	2-160035 ○	2-160035.P ●
Professional 750 1500x1500x100 mm with table leg standard equipment 750 Table height 850	4	1500 mm	1500 mm	100 mm	ca. 1297 kg	2-160050 ○	2-160050.P ●
Professional 750 2000x1000x100 mm with table leg standard equipment 750 Table height 850	4	2000 mm	1000 mm	100 mm	ca. 363 kg	2-160020 ○	2-160020.P ●
Professional 750 2000x1200x100 mm with table leg standard equipment 750 Table height 850	4	2000 mm	1200 mm	100 mm	ca. 416 kg	2-160060 ○	2-160060.P ●
Professional 750 2400x1200x100 mm with table leg standard equipment 750 Table height 850	6	2400 mm	1200 mm	100 mm	ca. 503 kg	2-160030 ○	2-160030.P ●
Professional 750 3000x1500x100 mm * with table leg standard equipment 750 Table height 850	8	3000 mm	1500 mm	100 mm	ca. 398 kg	2-160050.2 ○	2-160050.P.2 ●

● Stock item / ○ Item is made to order

* Consisting of 2 tables 1,5 x 1,5 m incl. 6 connecting bolts.

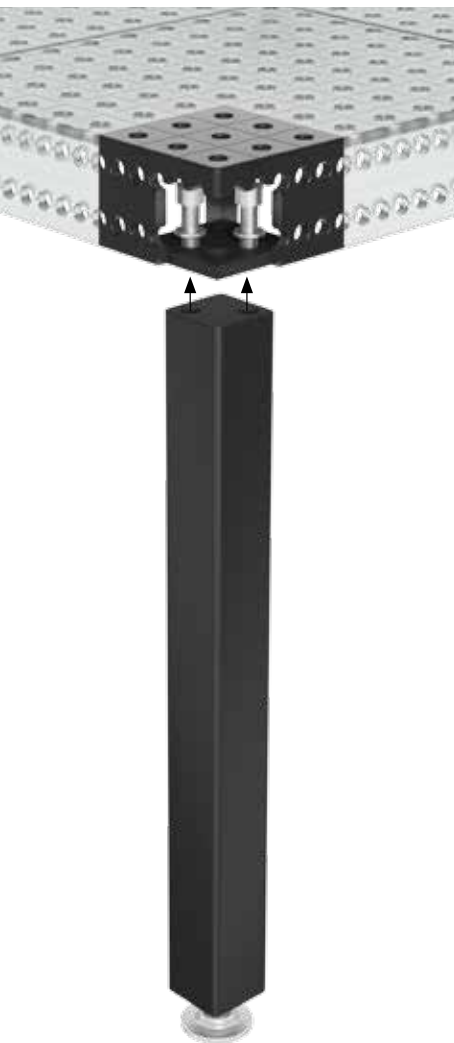
Professional 750 welding tables are not included in the main catalogue.

INSTALLATION TABLE LEGS:

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

Screws are included in delivery.

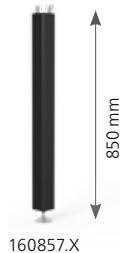
Please follow enclosed installation instructions.



LEG STANDARD EQUIPMENT



Bearing load:
1,000 kg
per leg



Bearing load:
1,000 kg
per leg

LEG HEIGHT-ADJUSTABLE



Bearing load:
1,000 kg
per leg

LEG WITH CASTER AND LOCKING BRAKE



Bearing load:
200 kg
per leg

LEG HEIGHT-ADJUSTABLE WITH CASTER AND LOCKING BRAKE

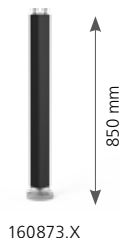


Bearing load:
200 kg
per leg

LEG WITH FLOOR ANCHORING



Bearing load:
1,000 kg
per leg



Bearing load:
1,000 kg
per leg

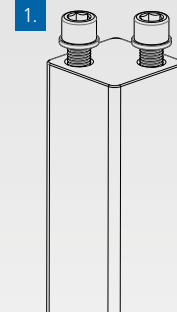


BEARING LOAD PER LEG

The maximum bearing load per leg in System 16 is max. 200 – 1.000 kg for all tables depending on the leg type.

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

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



1. ALLEN SCREW

- with M16 thread
- with lockwasher for security

2. MATERIAL

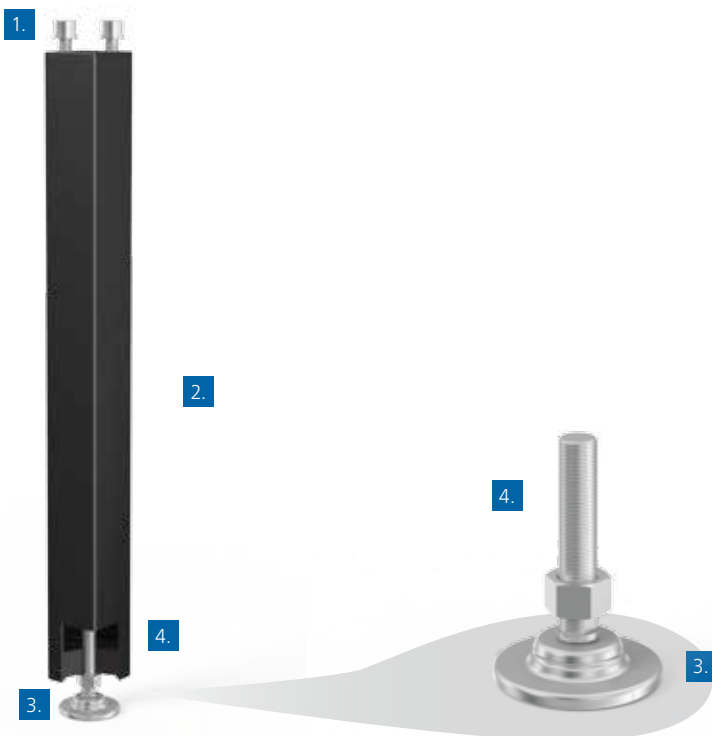
- stable square pipe 70x70 mm
- for higher stability
- powder coated

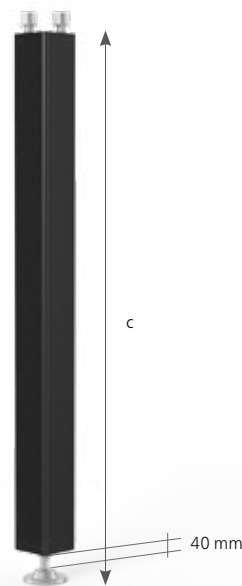
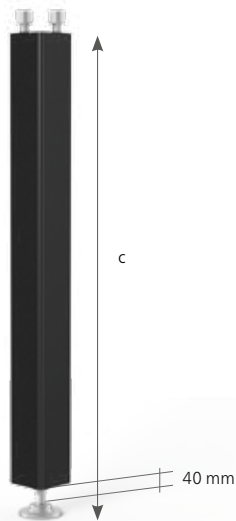
3. BASE PLATE

- Ø 70 mm
- for optimum pressure distribution
- made of twisted bulk material
- for increased stability and precision

4. THREADED ARBOR

- with sturdy M16x1.5 fine thread (pitch 1.5 mm)
- 40 mm vernier adjustment
- with locknut for security





Leg standard equipment 750

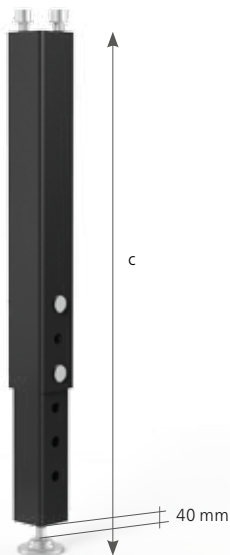
- 40 mm vernier adjustment
- Standard-leg for Professional 750 table System 16

Leg standard equipment 850

- 40 mm vernier adjustment
- alternative height

Length:	Width:	Height: (c)	Weight:	Item No.
70 mm	70 mm	750 mm	6,10 kg	2-160858.X ●
70 mm	70 mm	850 mm	6,70 kg	2-160857.X ●

● Stock item / ○ Item is made to order

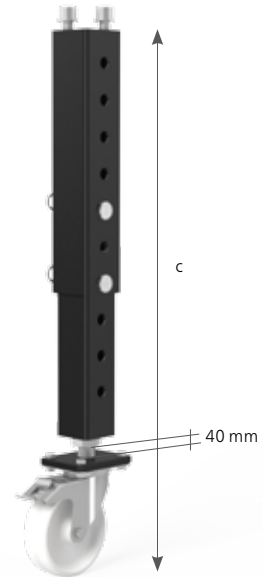
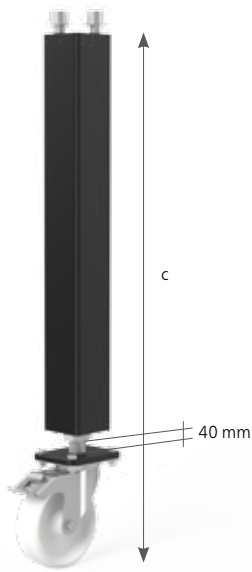


Leg height-adjustable 550-950

- 40 mm vernier adjustment
- table height 650-1050 mm adjustable

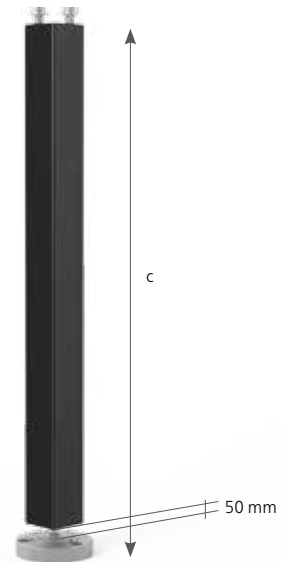
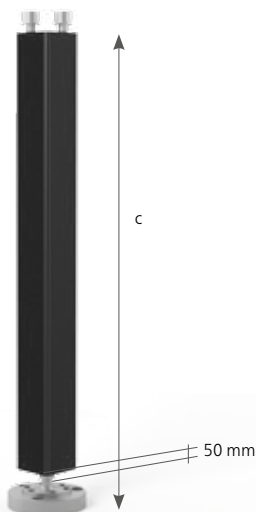
Length:	Width:	Height: (c)	Weight:	Item No.
70 mm	70 mm	550-950 mm	7,00 kg	2-160877.X ●

● Stock item / ○ Item is made to order



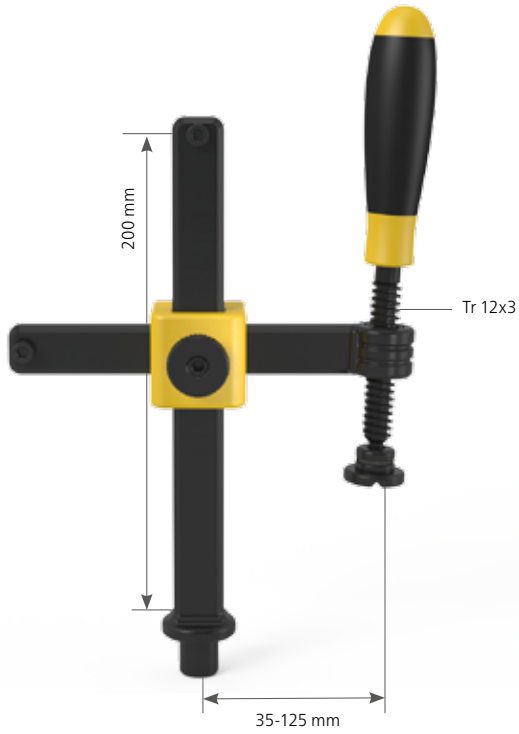
	Length:	Width:	Height: (c)	Weight:	Item No.
Leg with Caster and Locking Brake 750 - 40 mm vernier adjustment	70 mm	70 mm	750 mm	7,00 kg	2-160876.X ●
Leg height-adjustable with Caster and Locking Brake 600-900 - 40 mm vernier adjustment - table height 700-1000 mm adjustable	70 mm	70 mm	600-900 mm	8,00 kg	2-160879.X ●

● Stock item / ○ Item is made to order



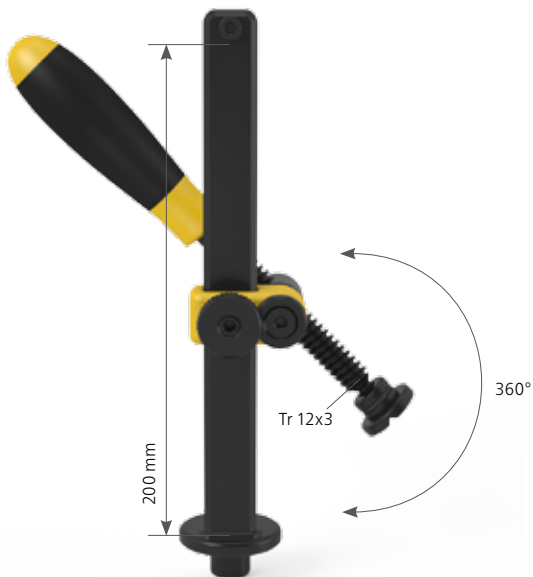
	Length:	Width:	Height: (c)	Weight:	Item No.
Leg with Floor Anchoring 750 - 50 mm vernier adjustment	70 mm	70 mm	750 mm	8,30 kg	2-160875.X ●
Leg with Floor Anchoring 850 - 50 mm Feinjustierung	70 mm	70 mm	850 mm	9,30 kg	2-160873.X ●

● Stock item / ○ Item is made to order



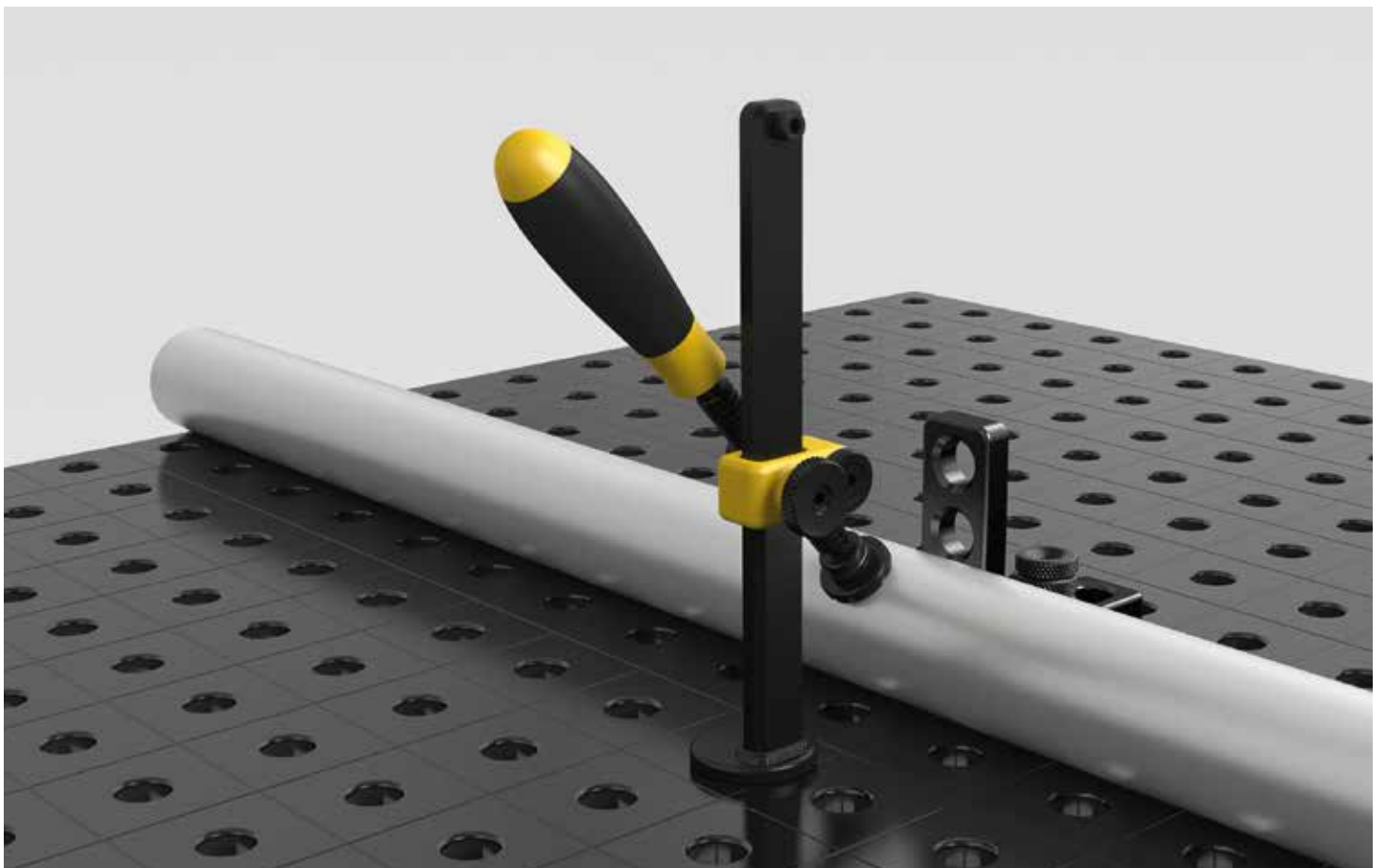
Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp	2,5 kN	1,20 kg	2-160610 ●

● Stock item / ○ Item is made to order



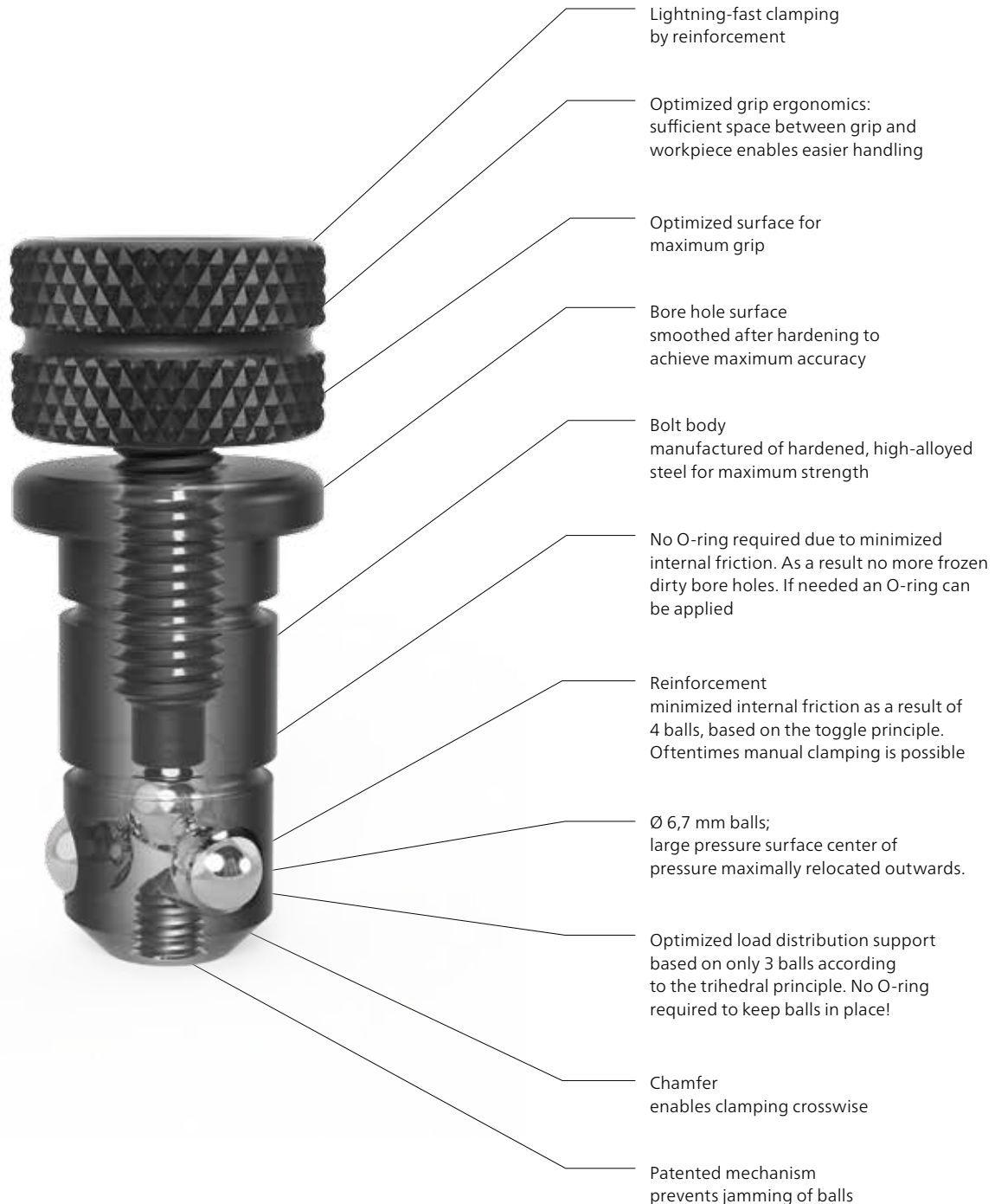
Standard model	maximum load:	Weight:	Item No.
Professional Screw Clamp 45° / 90°	2,5 kN	0,75 kg	2-160630 ●

● Stock item / ○ Item is made to order



Lightning-fast and optimized

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

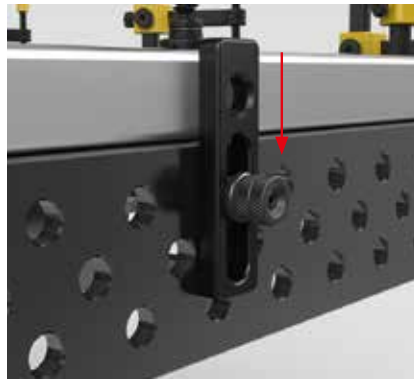




TIGHTENING TORQUE (AM)

The tightening torque is the force required to fasten the bolt using a torque wrench. In order to achieve maximum clamping force, the tightening torque should not exceed the recommended guideline. The bolt was designed to only require a low torque to reach maximum clamping force, thereby enabling simple manual clamping.

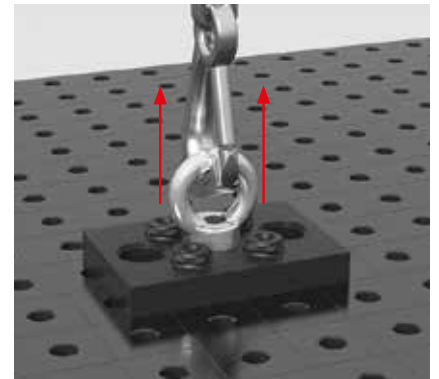
Max. AM of 160510: ≤ 10 Nm



SHEARING FORCE (SK)

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

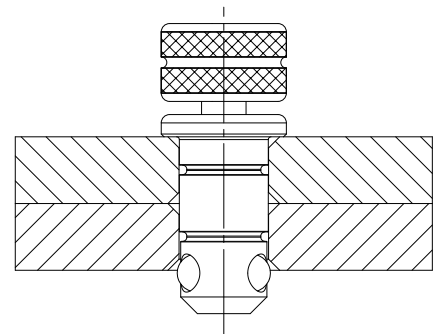
Max. SK of 160510: ≤ 55 kN



TENSILE FORCE (ZK)

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

Max. ZK of 160510: ≤ 10 kN



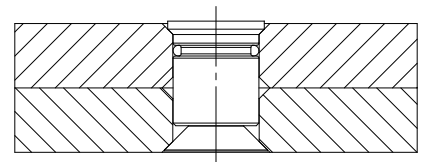
Fast Clamping Bolt short

- for clamping 2 components
- burnished
- with screw top

Ø:	Weight:	SK:	AM:	ZK:	Item No.
16 mm	0,08 kg	55,00 kN	10,00 Nm	10,00 kN	2-160510 ●

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

● Stock item / ○ Item is made to order



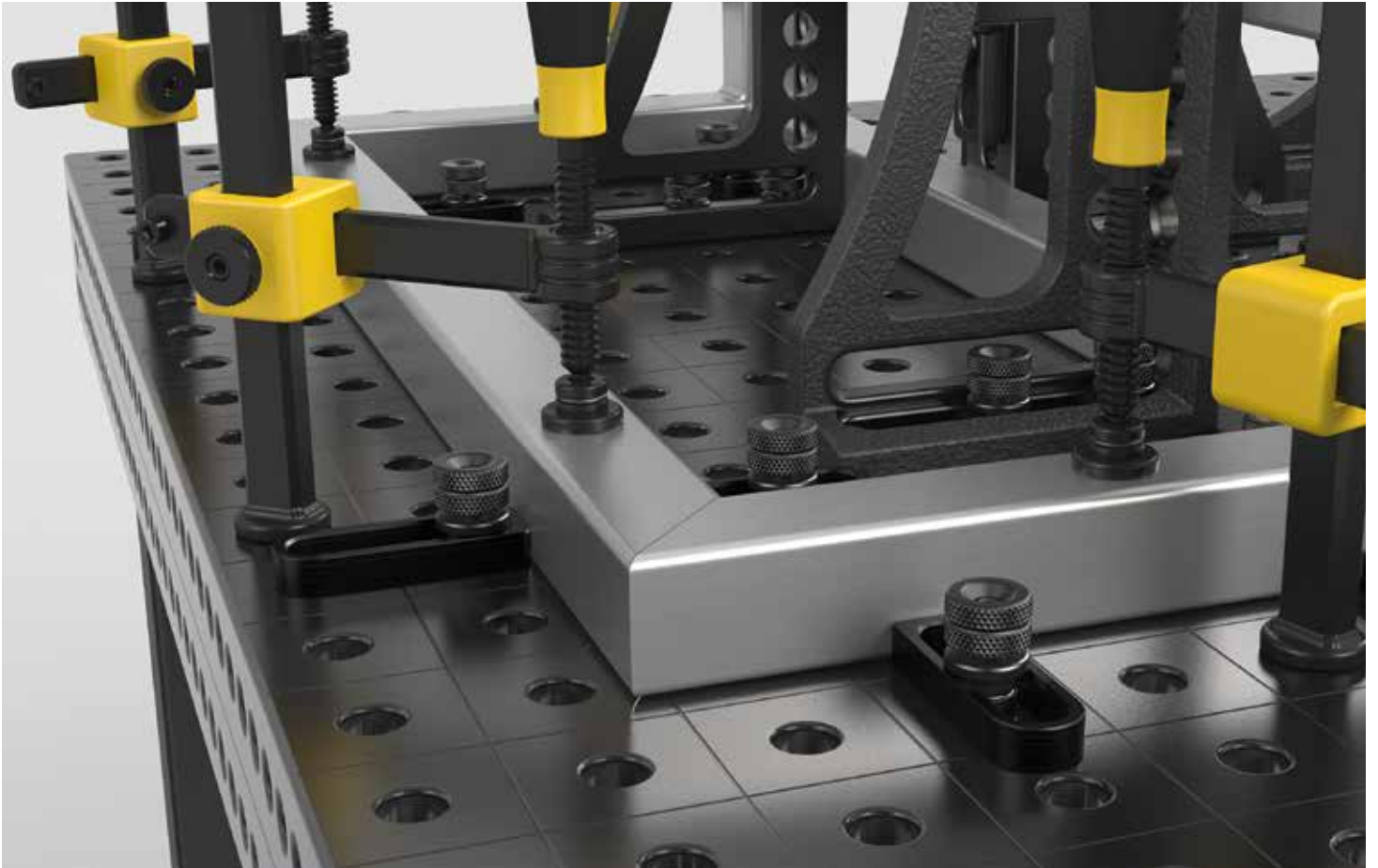
Connecting Bolt short

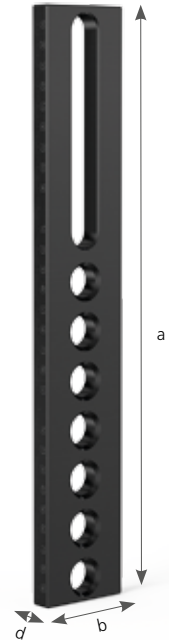
- for connecting 2 components
- with allen key

Ø:	Weight:	SK:	AM:	ZK:	Item No.
16 mm	0,03 kg	50,00 kN	15,00 Nm	4,00 kN	2-160560 ●

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

● Stock item / ○ Item is made to order



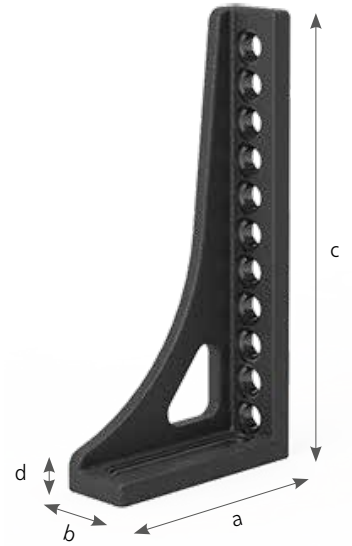
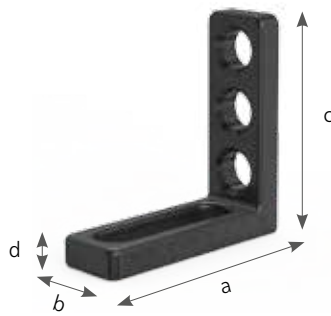
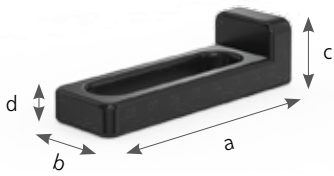


	Length: (a)	Width: (b)	MS: (d)	VB:	Weight:	Item No.
Universal Stop 75 L - nitrided	75 mm	30 mm	12 mm	50 mm	0,07 kg	2-160410.N ●
Universal Stop 115 L - nitrided - standard with fine scaling	115 mm	30 mm	12 mm	50 mm	0,20 kg	2-160420.N ●
Universal Stop 300 M - 7 system bore holes - burnished	300 mm	50 mm	12 mm	100 mm	1,08 kg	2-160425 ●

MS=Material thickness; VB=Adjusting range;

● Stock item / ○ Item is made to order

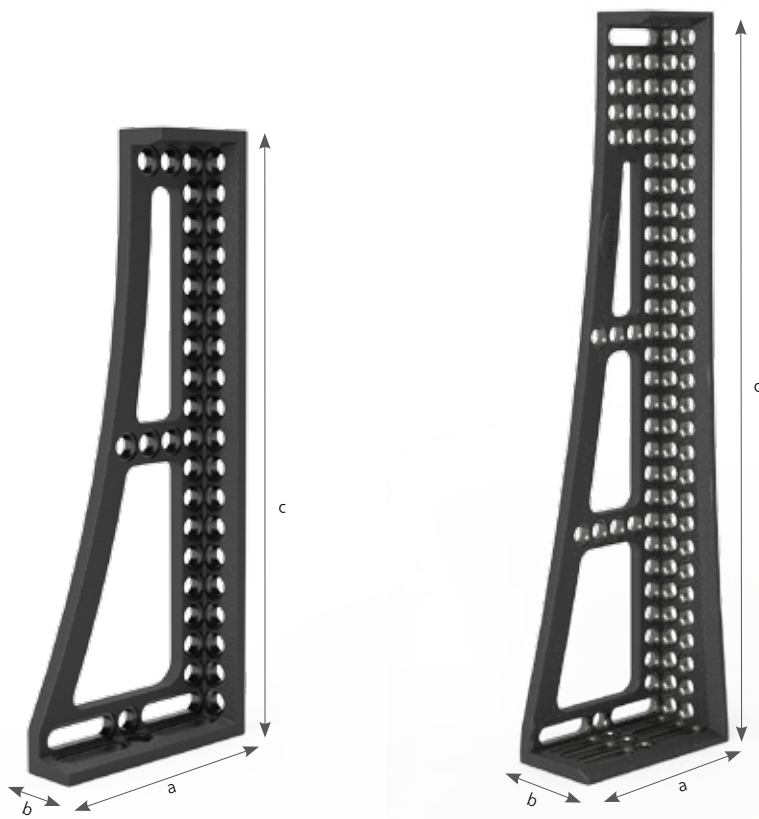




	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 90 X - nitrided - standard with fine scaling on both sides	90 mm	30 mm	25 mm	12 mm	0,19 kg	2-160108.N ●
Stop and Clamping Square 90 L - drill hole / oblong slot - nitrided - standard with fine scaling on both sides	90 mm	30 mm	90 mm	12 mm	0,31 kg	2-160110.N ●
Stop and Clamping Square 300 G - stop on left - nitrided	150 mm	50 mm	300 mm	12 mm	2,40 kg	2-160162.N ●

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

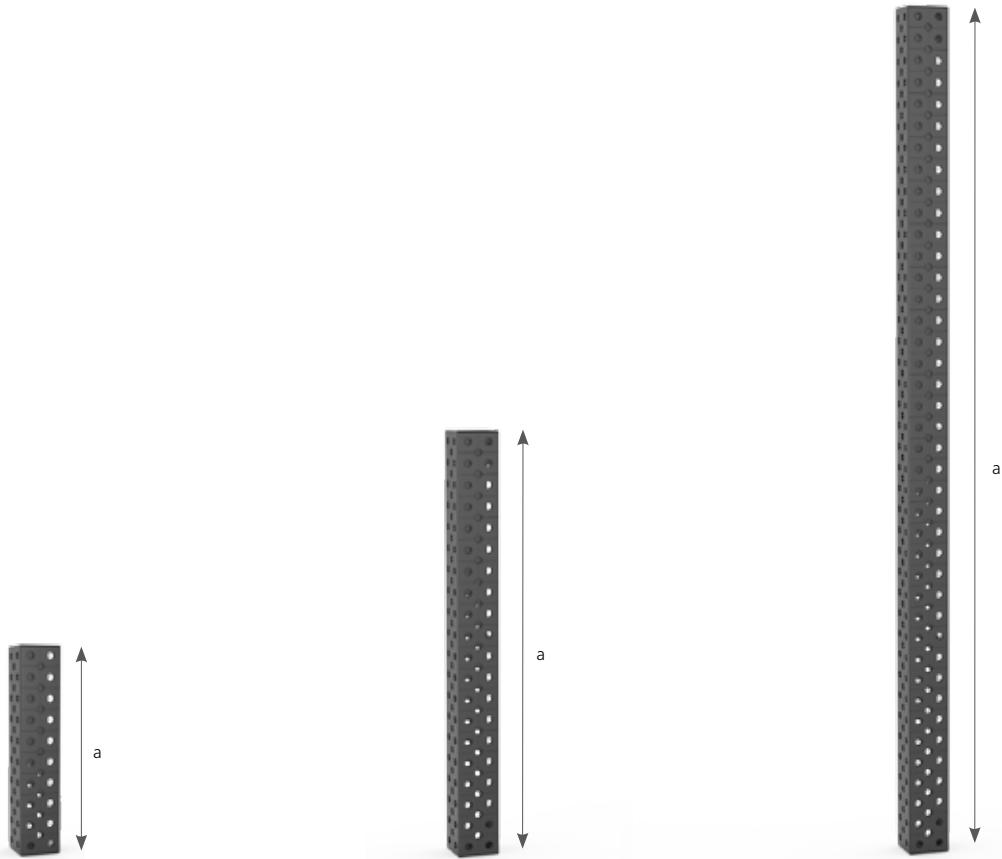




	Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
Stop and Clamping Square 500 GK - stop on left - nitrided - standard with fine scale	195 mm	50 mm	500 mm	5,30 kg	2-160134.N ●
Stop and Clamping Square 500 GK - stop on right - nitrided - standard with fine scale	195 mm	50 mm	500 mm	5,30 kg	2-160136.N ●
Stop and Clamping Square 750 GK - stop on left - nitrided - standard with fine scale	200 mm	100 mm	750 mm	8,30 kg	2-160146.N ●
Stop and Clamping Square 750 GK - stop on right - nitrided - standard with fine scale	200 mm	100 mm	750 mm	8,30 kg	2-160148.N ●

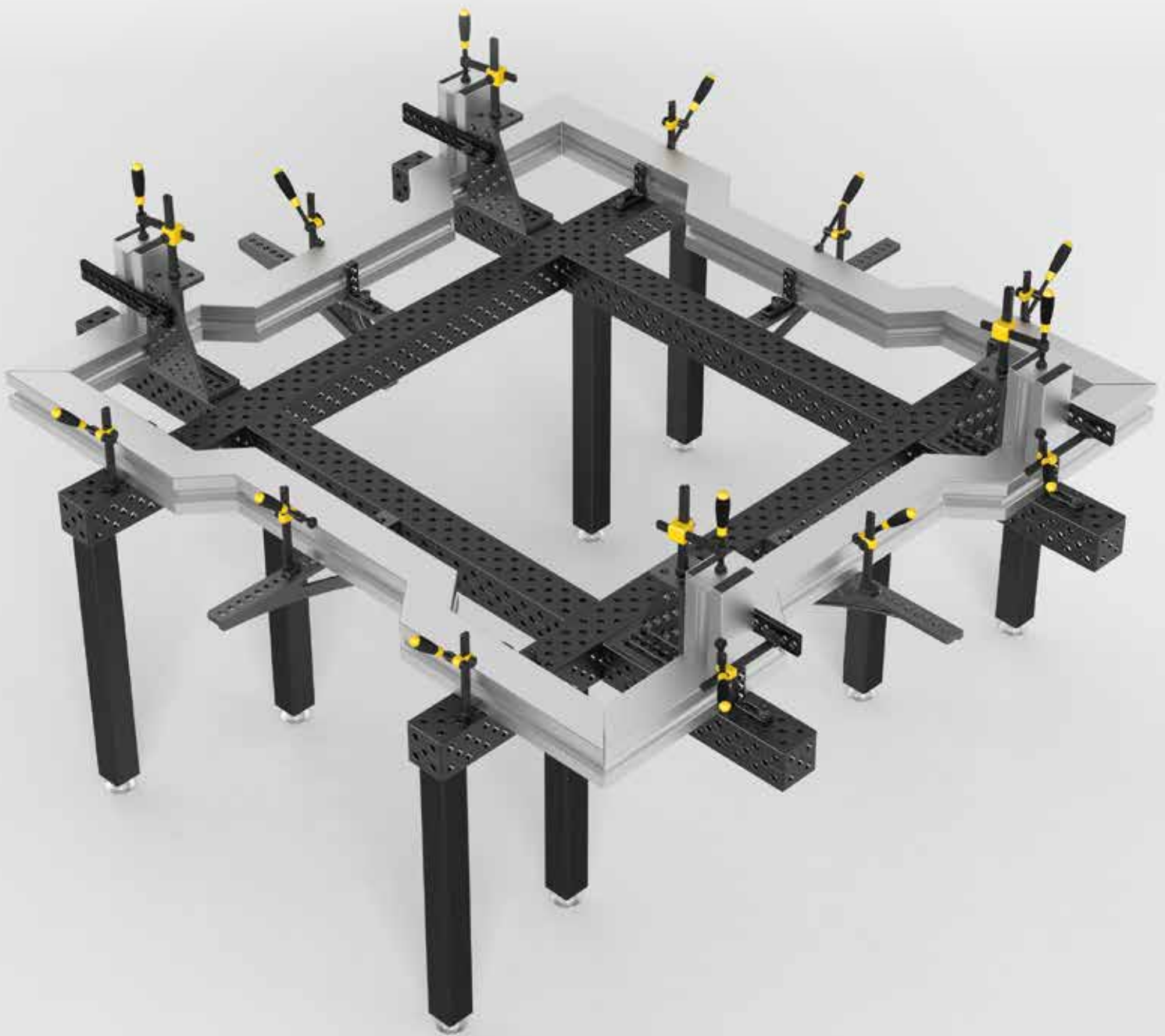
● Stock item / ○ Item is made to order

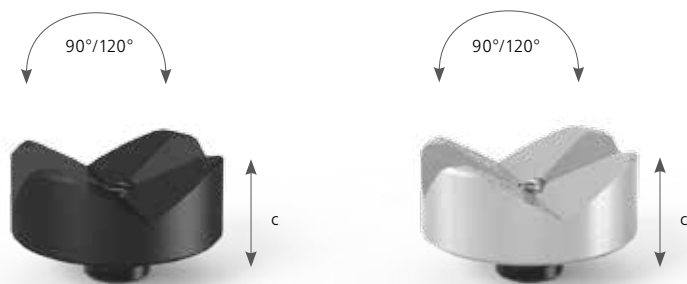




	Length: (a)	Width:	Height:	Weight:	Item No.
Square U-Shape 500x100x100 Plasma nitrided	500 mm	100 mm	100 mm	approx. 13 kg	2-160360.P ●
Square U-Shape 1000x100x100 Plasma nitrided	1000 mm	100 mm	100 mm	approx. 25 kg	2-160370.P ●
Square U-Shape 2000x100x100 Plasma nitrided	2000 mm	100 mm	100 mm	approx. 47 kg	2-160390.P ●

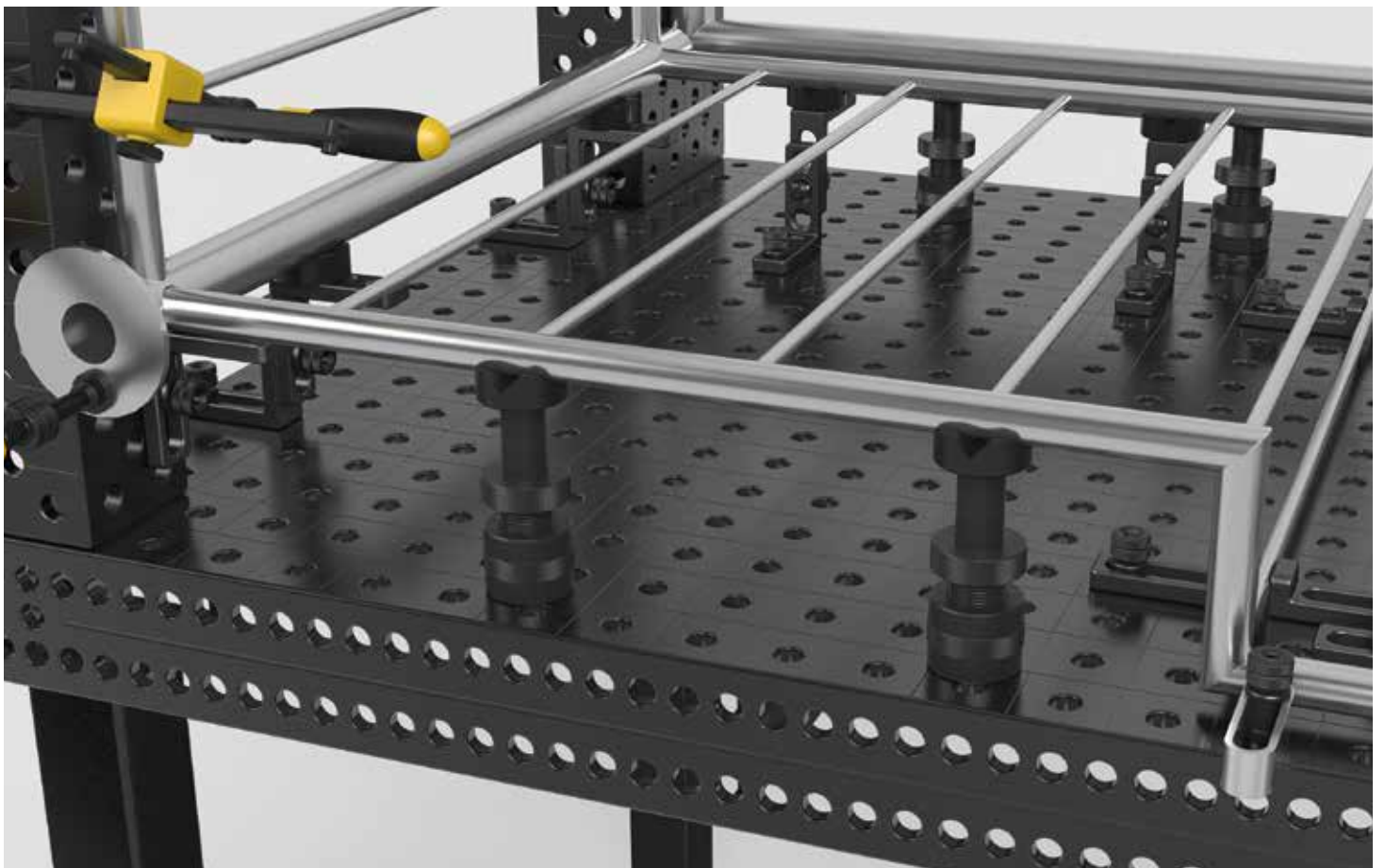
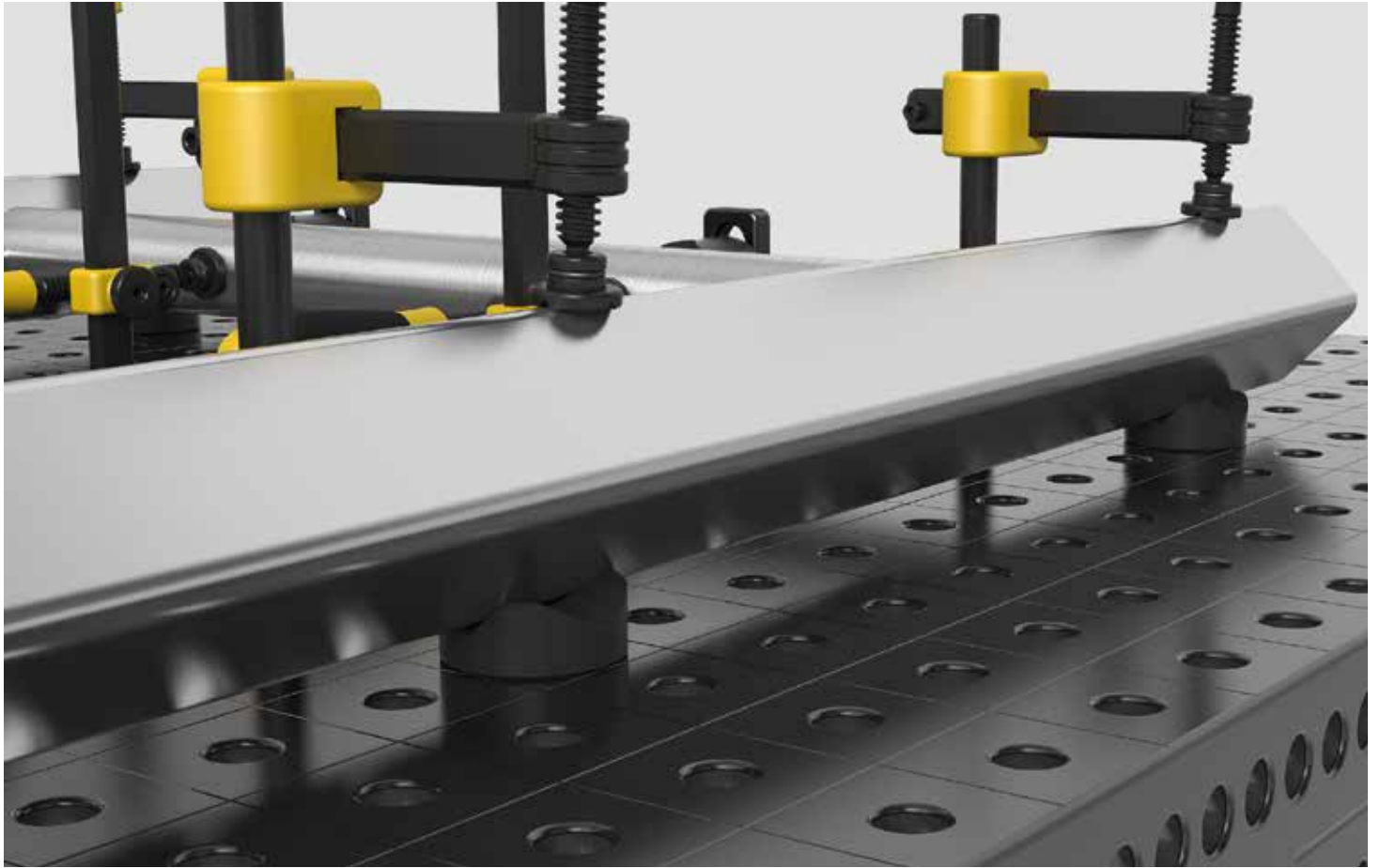
● Stock item / ○ Item is made to order

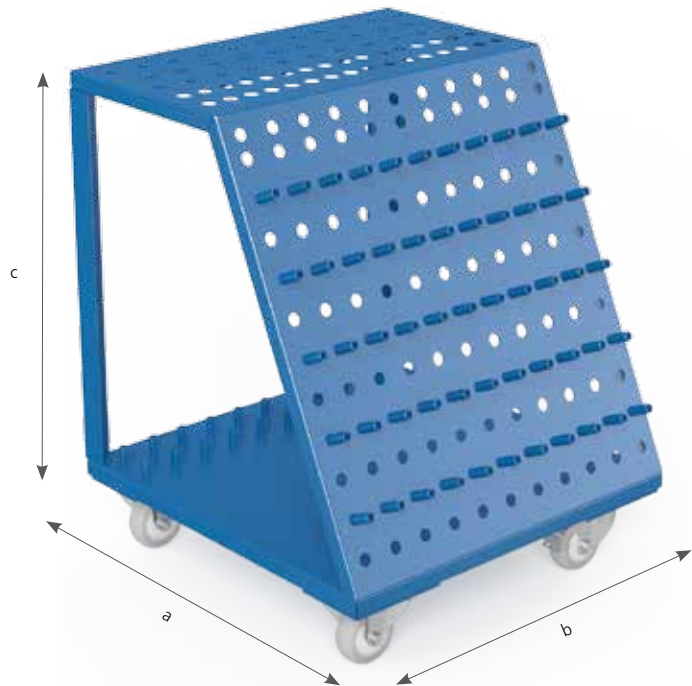




	Height: (c)	Ø:	Weight:	Item No.
Vario Prism Ø 50 90° / 120° with screwed-in collar - burnished - M10 thread	20 mm	50 mm	0,21 kg	2-160645.1 ●
Vario Prism Ø 50 90° / 120° with screwed-in collar - aluminum - M10 thread	20 mm	50 mm	0,07 kg	2-160645.1.A ●

● Stock item / ○ Item is made to order





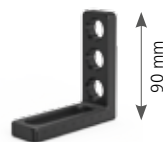
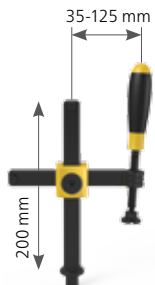
Tool Cart
- varnished

Length: (a)	Width: (b)	Height: (c)	Weight:	Item No.
560 mm	560 mm	720 mm	30,00 kg	2-160910 ●

● Stock item / ○ Item is made to order



2-163100



Clamp	Bolt	Stop	Square	Square
burnished	burnished	nitrided	nitrided	nitrided
160610	160510	160420.N	160110.N	160108.N
4 x	12 x	4 x	4 x	4 x



Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
burnished						
160402	160852	160820	000942	000911	000921	160920
1 x	1 x	1 x	1 x	1 x	1 x	1 x

2-163200



Clamp	Clamp	Prism	Bolt	Stop
burnished	burnished	burnished	burnished	nitrided
160610	160630	160645.1	160510	160410.N
6 x	2 x	4 x	18 x	4 x

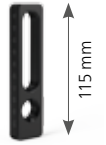
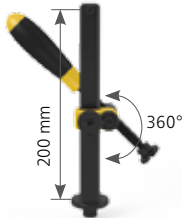
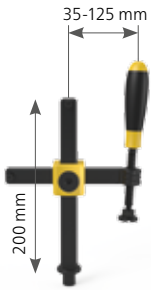


Stop	Square	Square	Square
nitrided	nitrided	nitrided	nitrided
160420.N	160110.N	160108.N	160162.N
6 x	6 x	6 x	2 x

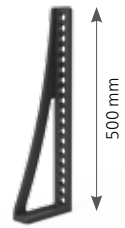
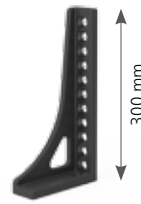
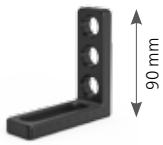


Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
burnished						
160402	160852	160820	000942	000911	000921	160920
1 x	1 x	1 x	1 x	1 x	1 x	1 x

2-163300



Clamp	Clamp	Prism	Bolt	Stop	Stop
burnished	burnished	burnished	burnished	nitrided	nitrided
160610	160630	160645.1	160510	160410.N	160420.N
8 x	4 x	4 x	24 x	4 x	8 x



Square	Square	Square	Square
nitrided	nitrided	nitrided	burnished
160110.N	160108.N	160162.N	160164
8 x	8 x	2 x	2 x

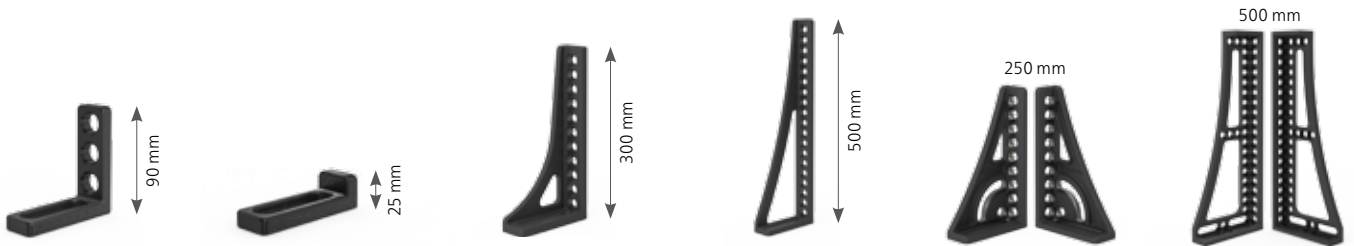


Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
burnished						
160402	160852	160820	000942	000911	000921	160920
1 x	1 x	1 x	1 x	1 x	1 x	1 x

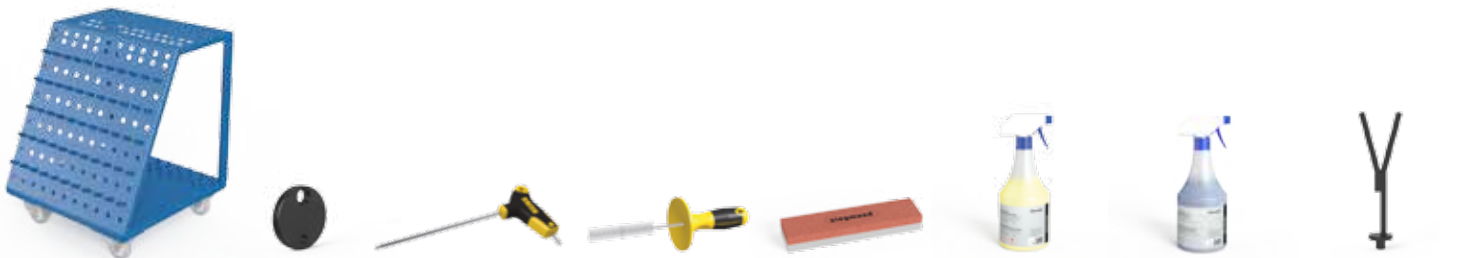
2-163400



Clamp	Clamp	Prism	Bolt	Stop	Stop
burnished	burnished	burnished	burnished	nitrided	nitrided
160610	160630	160645.1	160510	160410.N	160420.N
10 x	4 x	8 x	30 x	8 x	10 x



Square	Square	Square	Square	Square	Square
nitrided	nitrided	nitrided	burnished	nitrided	nitrided
160110.N	160108.N	160162.N	160164	160161+63.N	160134+36.N
10 x	10 x	2 x	2 x	1 x + 1 x	1 x + 1 x

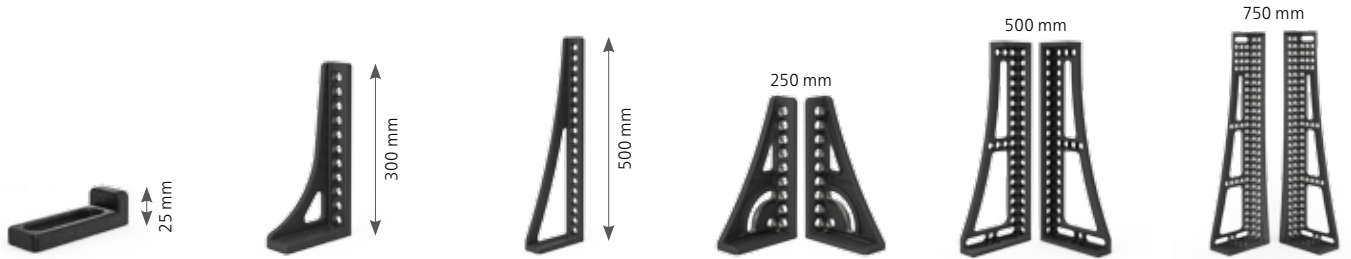


Tool Cart	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder	Brennerhalter
	burnished						
160910	160402	160852	160820	000942	000911	000921	160920
1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x

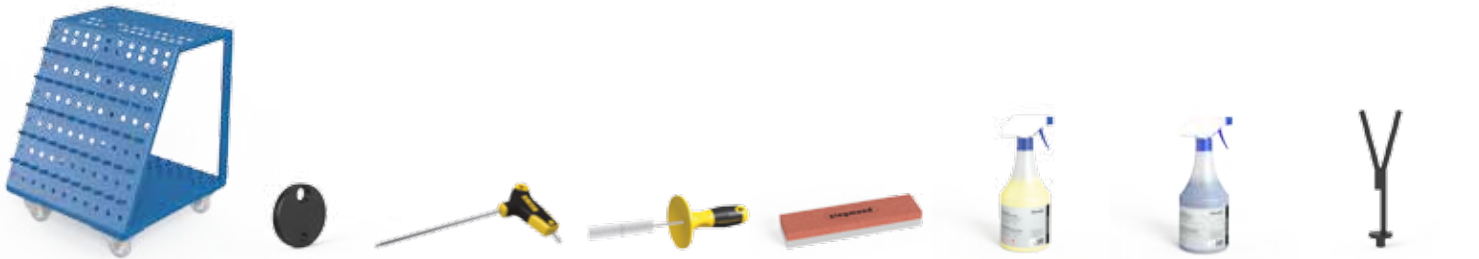
2-163500



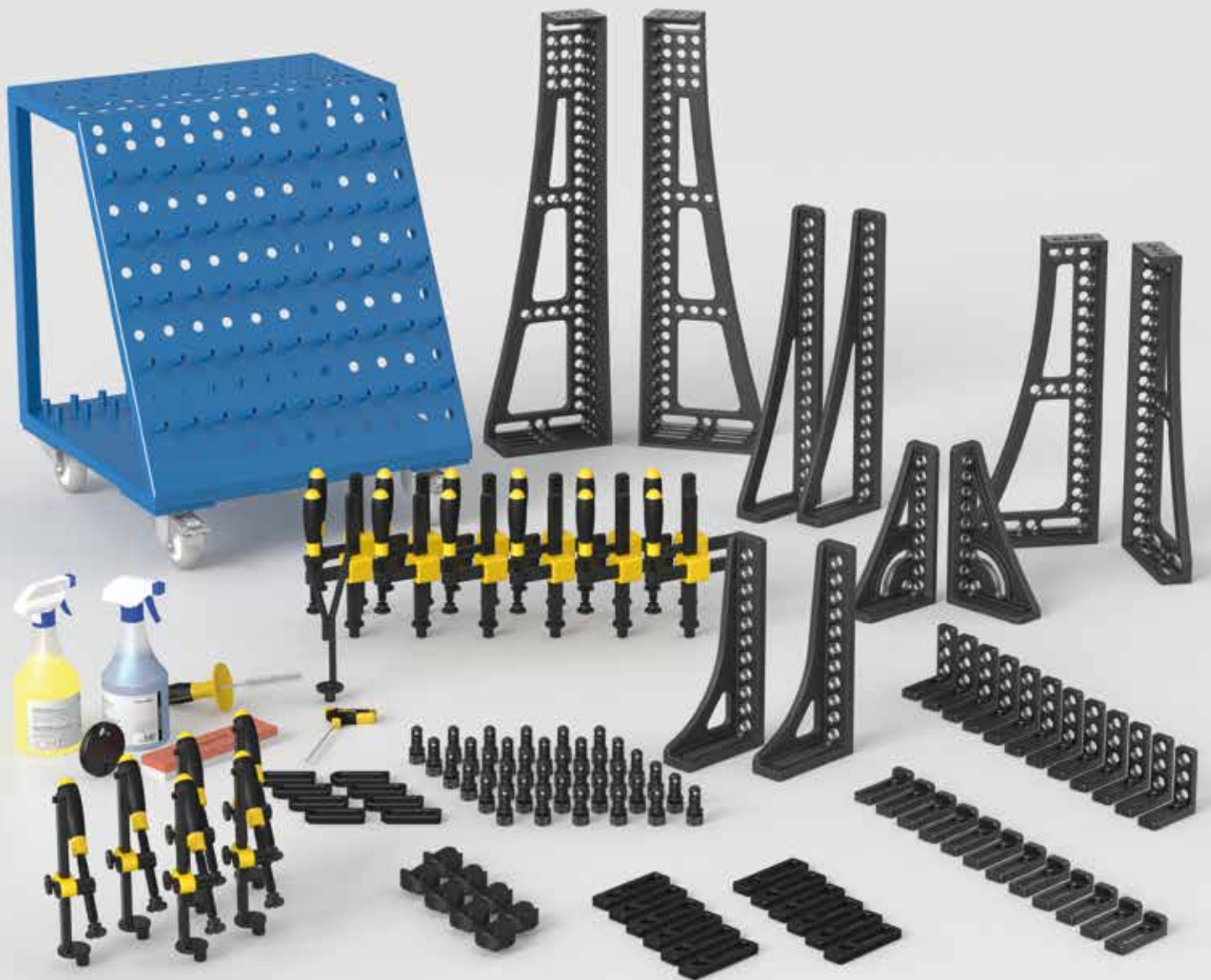
Clamp	Clamp	Prism	Bolt	Stop	Stop	Square
burnished	burnished	burnished	burnished	nitrided	nitrided	nitrided
160610	160630	160645.1	160510	160410.N	160420.N	160110.N
12 x	6 x	8 x	36 x	8 x	12 x	12 x



Square	Square	Square	Square	Square	Square
nitrided	nitrided	burnished	nitrided	nitrided	nitrided
160108.N	160162.N	160164	160161+63.N	160134+36.N	160146+48.N
12 x	2 x	2 x	1 x + 1 x	1 x + 1 x	1 x + 1 x



Tool Cart	Eccentric Stop	Allen Wrench	Brush	Oilstone	CleanBasic	Anti-Spatter	Burner Holder
	burnished						
160910	160402	160852	160820	000942	000911	000921	160920
1 x	1 x	1 x	1 x	1 x	1 x	1 x	1 x



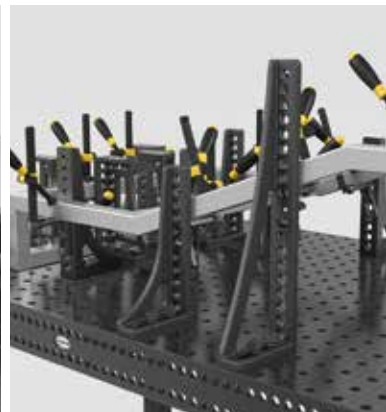


WELDING TABLES AND CLAMPING SYSTEMS



PRODUCT- AND APPLICATION CATALOG

More information on our products can be found in our Product- and Application Catalog (640 pages).



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