

# meusburger

SETTING STANDARDS

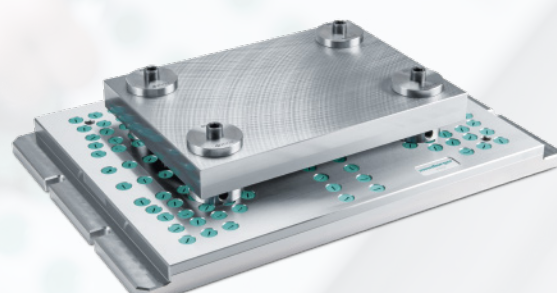
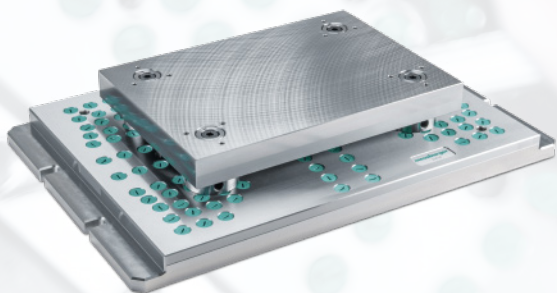
## H 3000 CLAMPING SYSTEM

INNOVATION IN DIE MAKING





## H 3000 – FAST AND PRECISE CLAMPING WITH REPEATABLE ACCURACY





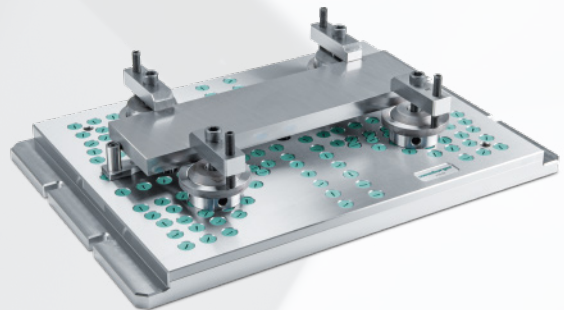
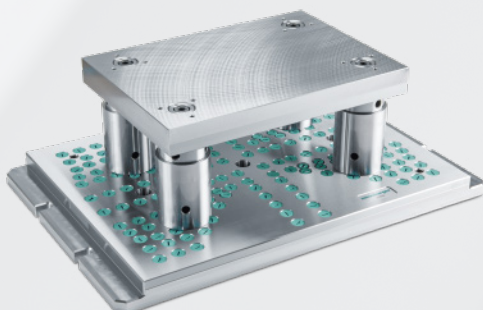
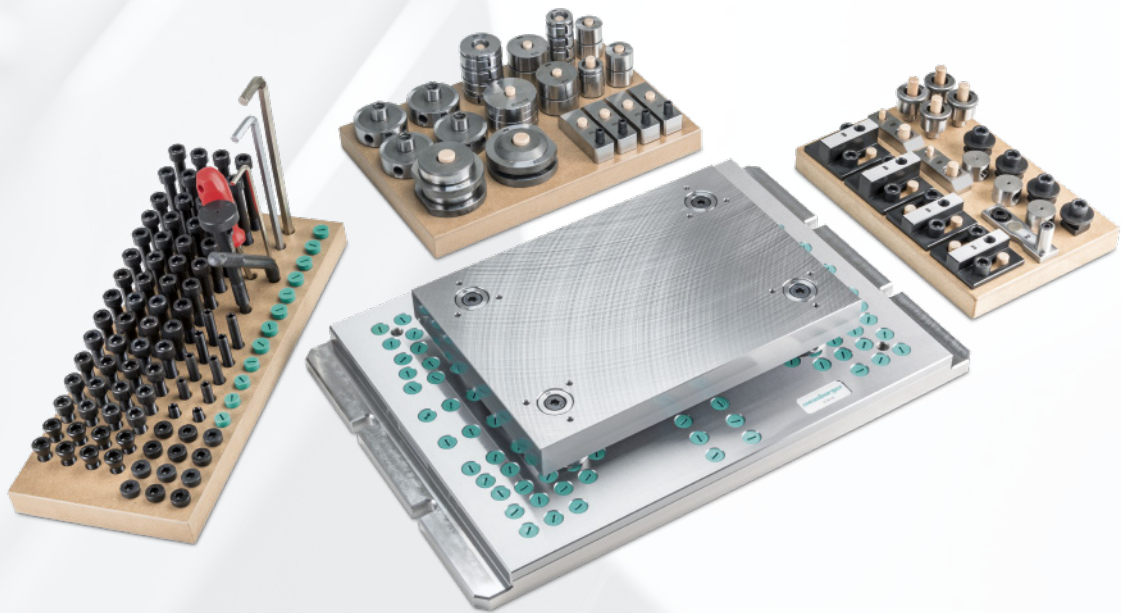
The tried, trusted and advanced clamping system from Meusburger is now also available for die making. With the H 3000 you will not only work quickly and efficiently but also with absolute precision and repeatability. The S-Plates are aligned and clamped where it is important for the die set function, i.e. in the guide holes.

### YOU TOO CAN PROFIT FROM THE ADVANTAGES OF THE H3000

- » Significant reduction of set-up times by precise clamping in the  $\mu$  range
- » Increased quality of the parts through an exact and dimensionally perfect stamping die
- » Simplified programming by clamping without interfering contours

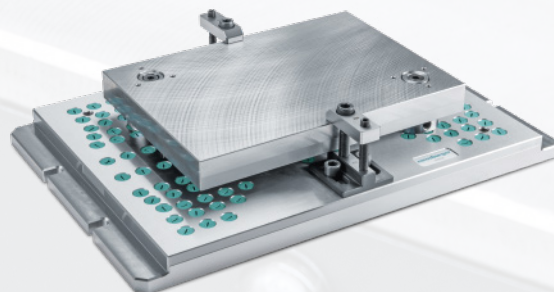
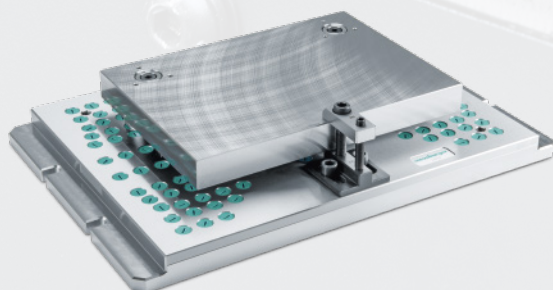
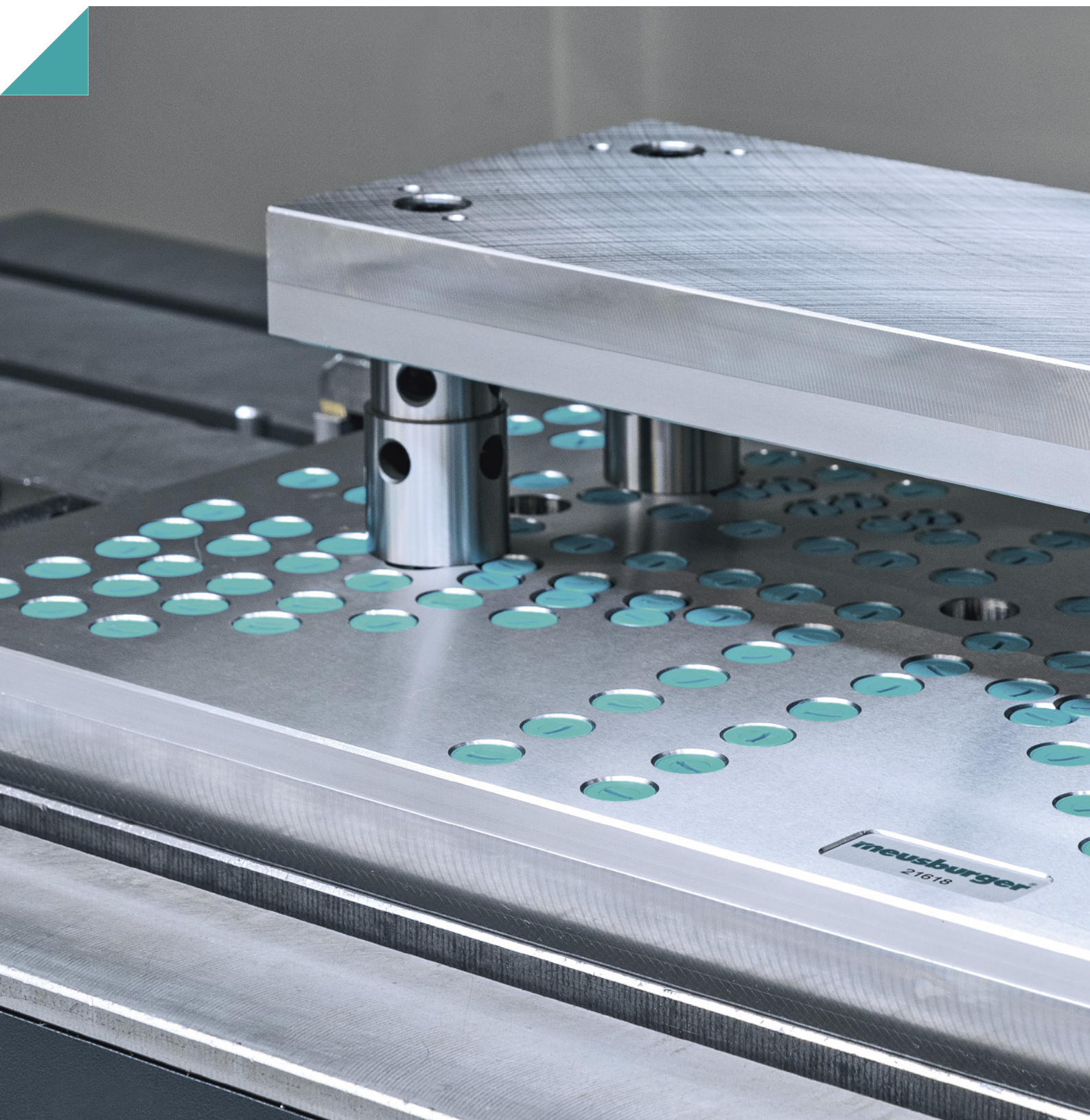
Rely on Meusburger's many years of know-how in the area of clamping systems.

***With over 2,000 H 1000 Clamping systems sold in mould making***, we are the market leader.





# H 3000 WIZARD – FOR SIMPLIFIED CONFIGURATION

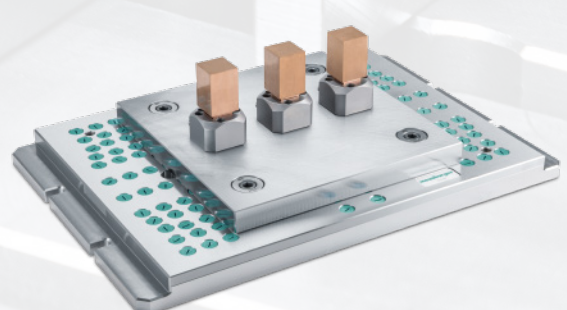
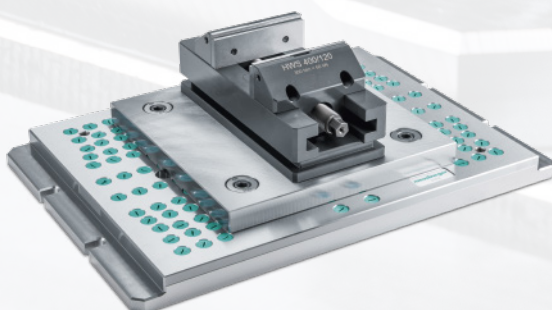




With our H 3000 Wizard you can quickly and easily configure your personal H 3000 Clamping system. First select the desired plate size and then easily assemble the clamping options for S-Plates and NP-Precision bars in the diameters you need. The fully automatic calculation of required clamping elements ensures that you receive a complete clamping system. Optionally, additional packages for horizontal machining or pallets for clamping vices, electrode holders etc. can be added.

### HOW YOU BENEFIT – AT A GLANCE:

- » Easy and quick configuration of the H 3000 clamping system
- » 2 different plate sizes offering various clamping options for die set plates and precision bars
- » Fully automatic calculation of required clamping elements



# H 3000 CLAMPING PLATE

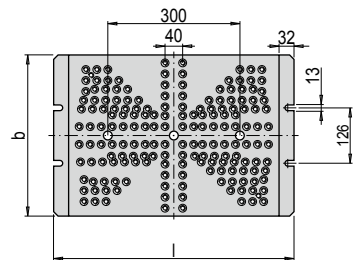
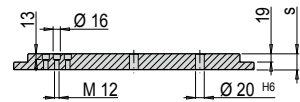
## H 3000/366 546

### PRODUCT DESCRIPTION

» With 2 alignment edges for alignment on the machine

### MATERIAL

» 1.2312





b	l	s	No.
366	546	36	H 3000/366 546/36/2312





Clamping options from page 8

H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

### DIE SET SIZES

				
B L	d2	SV	SH	SD
156 156	19 / 20	■	■	■
156 196	19 / 20	■	■	■
156 246	19 / 20	■	■	■
156 296	19 / 20	■	■	■
156 346	19 / 20	■		
196 196	24 / 25	■	■	■
196 246	24 / 25	■	■	■
196 296	24 / 25	■	■	■
196 346	24 / 25	■	■	■
196 396	24 / 25	■	■	
196 446	24 / 25	■	■	
196 496	24 / 25	■		
246 246	30 / 32	■	■	■
246 296	30 / 32	■	■	■
246 346	30 / 32	■	■	■

				
B L	d2	SV	SH	SD
246 396	30 / 32	■	■	■
246 446	30 / 32	■	■	
246 496	30 / 32	■	■	
296 296	30 / 32	■	■	■
296 346	30 / 32	■	■	■
296 396	30 / 32	■	■	■
296 446	30 / 32	■	■	■
296 496	40	■	■	
346 346	40	■		
346 396	40	■		
346 446	40	■		
346 496	40	■		
396 396	40	■		
396 446	40	■		
396 496	40	■		

# H 3000/646 1046

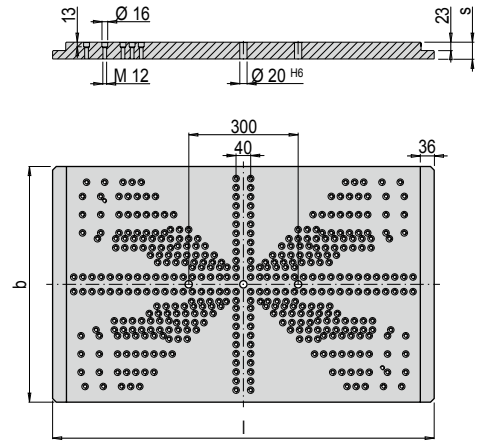
## PRODUCT DESCRIPTION

» With 2 alignment edges for alignment on the machine

## MATERIAL

» 1.2312







b	l	s	No.
646	1046	46	H 3000/646 1046/46/2312



Clamping options from page 8

H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

## DIE SET SIZES

																	
B	L	d2	SV	SH	SD	B	L	d2	SV	SH	SD	B	L	d2	SV	SH	SD
156	156	19 / 20	■	■	■	296	396	30 / 32	■	■	■	396	696	50	■	■	
156	196	19 / 20	■	■	■	296	446	30 / 32	■	■	■	396	796	50	■		
156	246	19 / 20	■	■	■	296	496	38 / 40	■	■		396	896	50	■		
156	296	19 / 20	■	■	■	296	596	38 / 40	■	■		396	996	50	■		
156	346	19 / 20	■			296	646	38 / 40	■	■		496	496	50	■		
196	196	24 / 25	■	■	■	296	696	38 / 40	■	■		496	596	50	■		
196	246	24 / 25	■	■	■	296	796	38 / 40	■			496	646	50	■		
196	296	24 / 25	■	■	■	346	346	38 / 40	■	■	■	496	696	50	■		
196	346	24 / 25	■	■	■	346	396	38 / 40	■	■	■	496	796	50	■		
196	396	24 / 25	■	■		346	446	38 / 40	■	■	■	496	896	50	■		
196	446	24 / 25	■	■		346	496	38 / 40	■	■	■	496	996	50	■		
196	496	24 / 25	■			346	596	38 / 40	■	■		596	596	50	■		
246	246	30 / 32	■	■	■	346	646	38 / 40	■	■		596	646	50	■		
246	296	30 / 32	■	■	■	346	696	38 / 40	■	■		596	696	50	■		
246	346	30 / 32	■	■	■	346	796	38 / 40	■			596	796	50	■		
246	396	30 / 32	■	■	■	346	896	38 / 40	■			596	896	50	■		
246	446	30 / 32	■	■		396	396	38 / 40	■	■	■	596	996	50	■		
246	496	30 / 32	■	■		396	446	38 / 40	■	■	■	696	696	63	■		
246	596	30 / 32	■	■		396	496	38 / 40	■	■	■	696	796	63	■		
296	296	30 / 32	■	■	■	396	596	50	■	■		696	896	63	■		
296	346	30 / 32	■	■	■	396	646	50	■	■		696	996	63	■		

# H 3000 CLAMPING OPTIONS


## CLAMPING OF S-PLATES – SV 40 AND SV 80 WITH EXPANDING RINGS

### APPLICATION

» Enables clamping without obstructive contours to reduce the risk of collision.

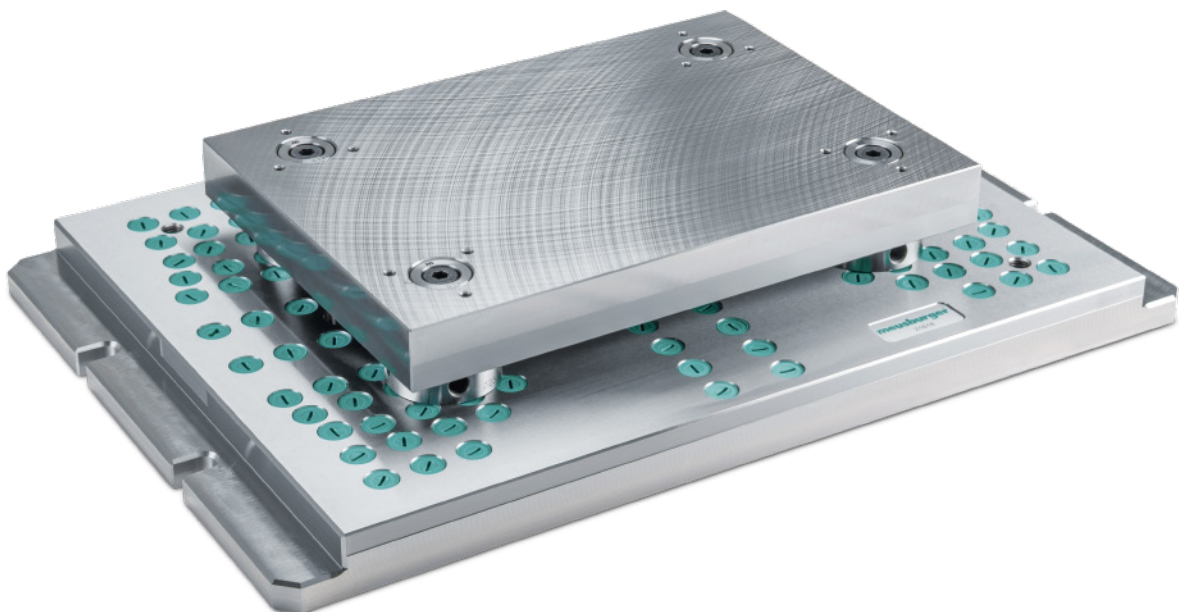
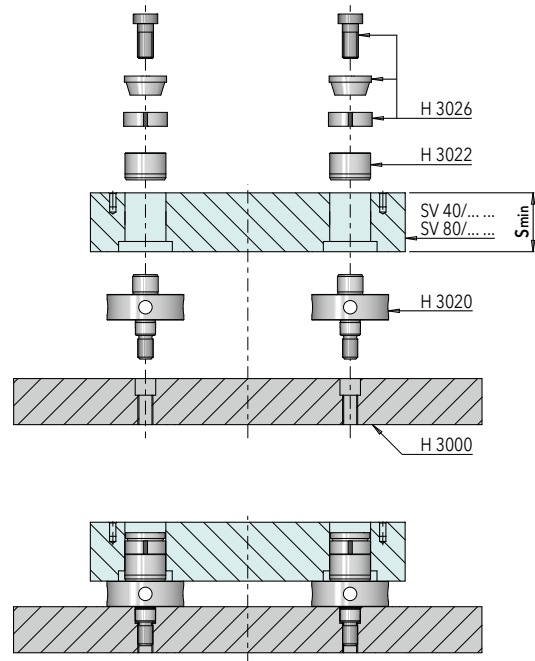


H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

 d2	SV .. / ... ..
d2	S min <sup>1)</sup>
20	34 <sup>2)</sup>
25	36
32	36
40	38
50	38
63	38

<sup>1)</sup> Clamp thin plates with H 3024

<sup>2)</sup> Clamp the SV 40 (s= 36mm) with H 3024 (if the recess for the retainer disc is on top)





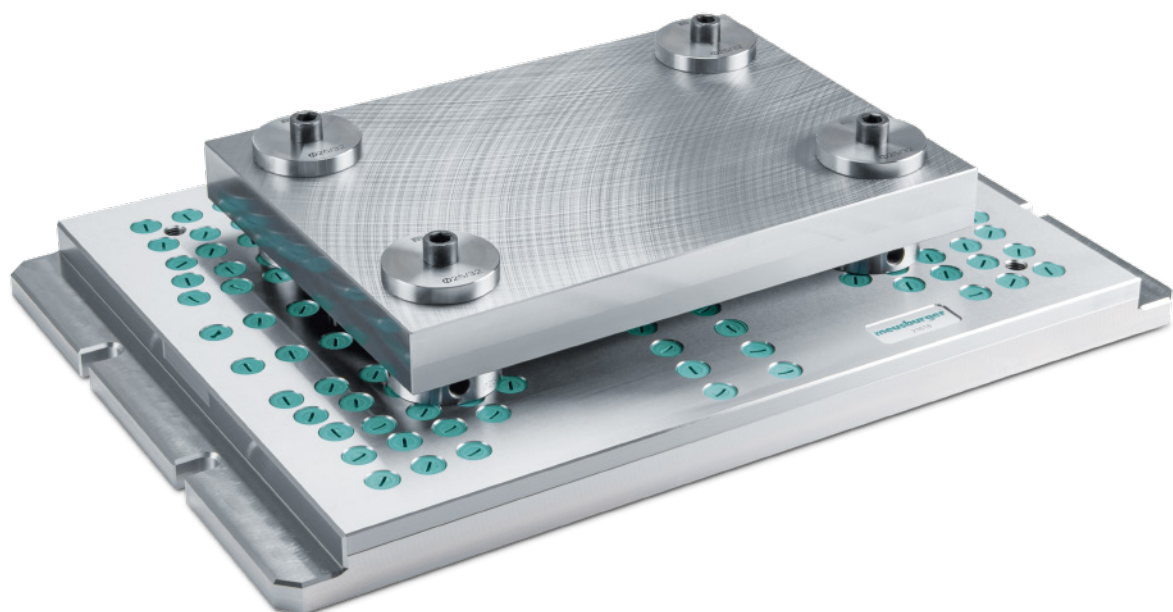
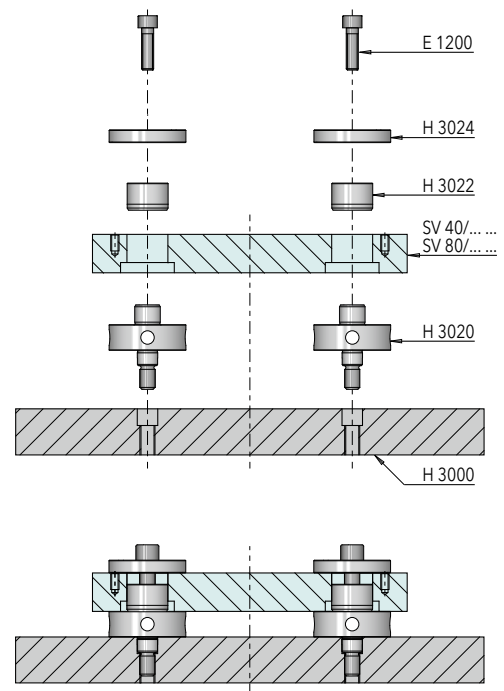
# CLAMPING OF S-PLATES – SV 40 AND SV 80 WITH WASHERS

## APPLICATION

» Apply the H 3024 Washers when clamping thin plates.



H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)




# CLAMPING OF S-PLATES SV 40 AND SV 80 – S FOR HORIZONTAL MACHINING

## APPLICATION

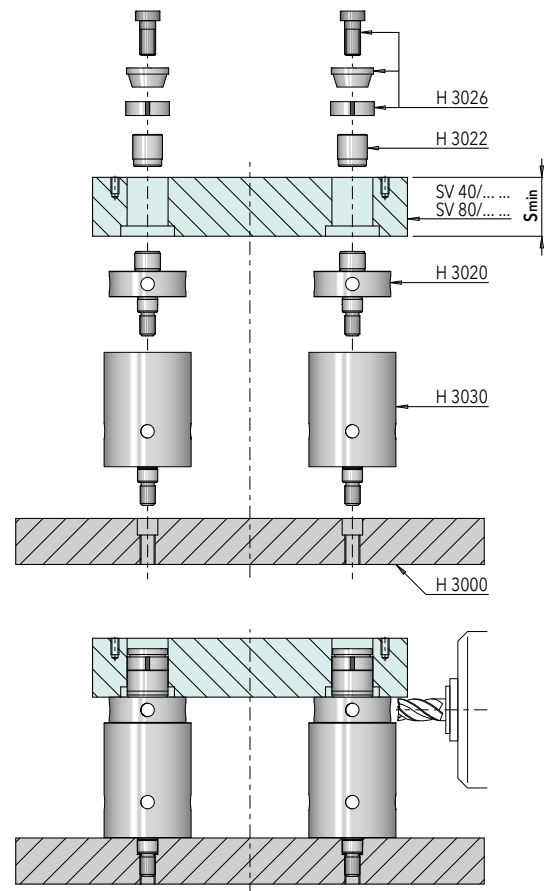
» Use the H 3030 Centring support extension piece for 5-side-machining.

**i** H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

	SV .. / ... ..
d2	S min <sup>1)</sup>
20	34 <sup>2)</sup>
25	36
32	36
40	38
50	38
63	38

<sup>1)</sup> Clamp thin plates with H 3024

<sup>2)</sup> Clamp the SV 40 (s= 36mm) with H 3024 (if the recess for the retainer disc is on top)






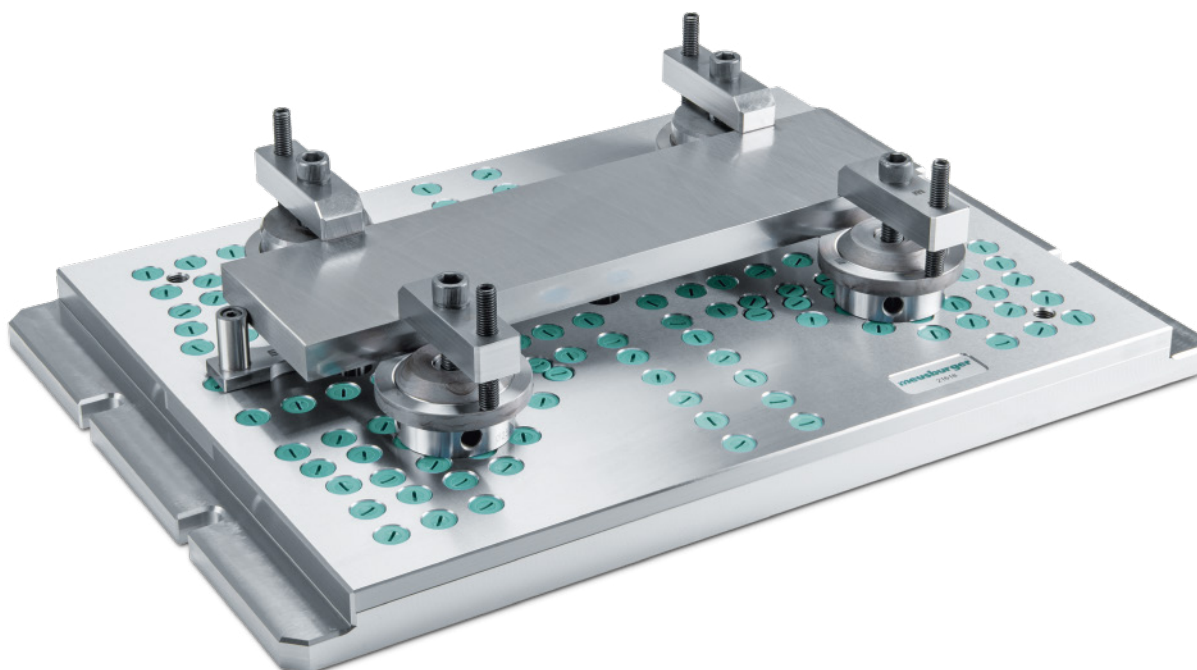
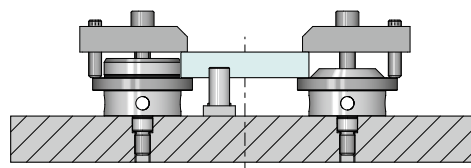
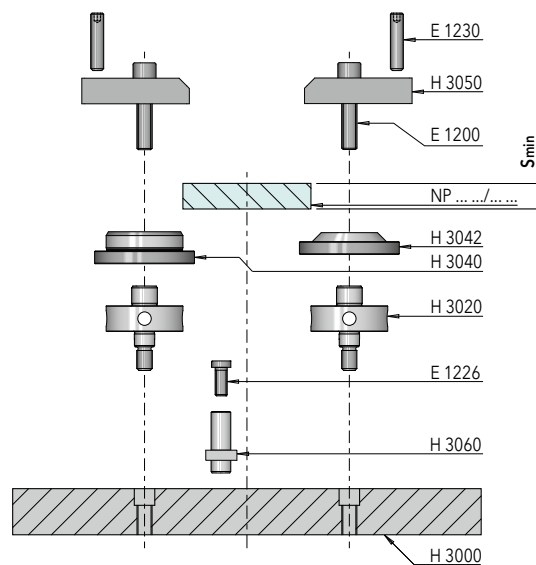
# CLAMPING OF NP-PRECISION BARS

## APPLICATION

» Clamp NP-Precision bars quickly to the centre without having to displace the centring supports.

**i** H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

 d2	NP .../.../...
d2	S min
20	12
25	16
32	16
40	16
50	16
63	16




# CLAMPING OF S-PLATES SH 40 AND SH 80

## APPLICATION

» Reliable clamping using the  
H 3062 Support device.

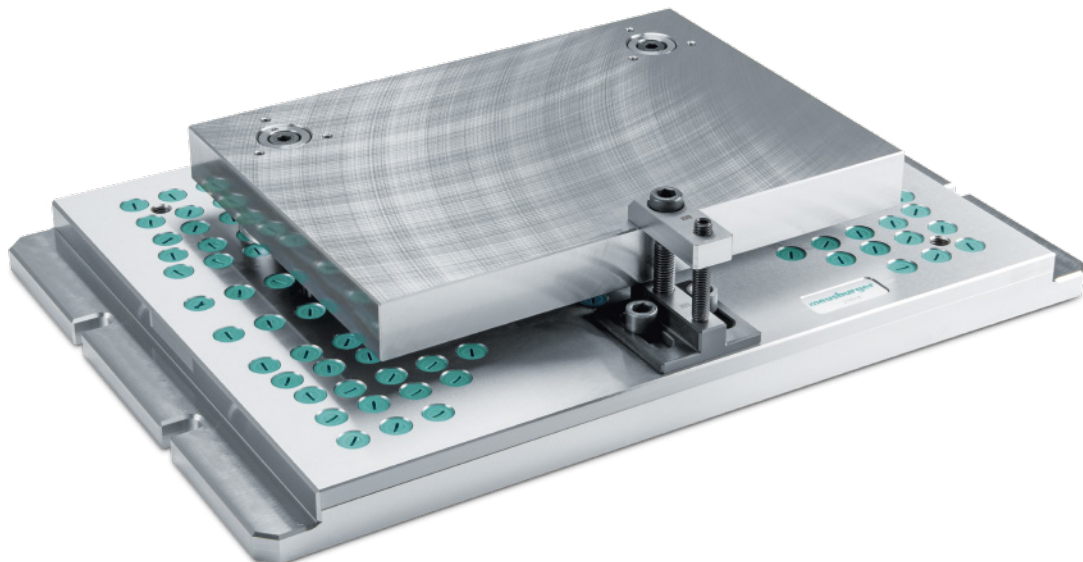
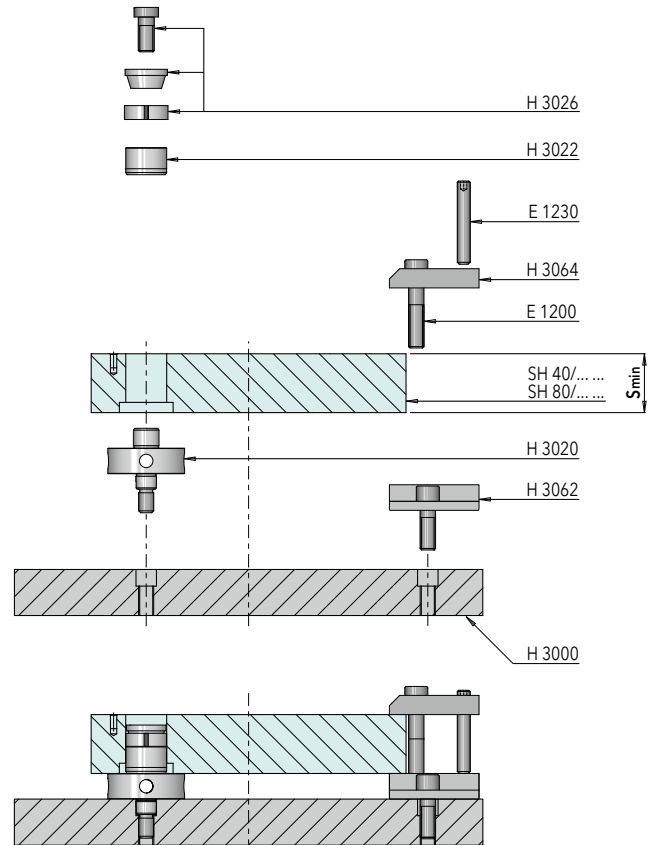


H 3000 standard hole pattern at  
[www.meusburger.com/download](http://www.meusburger.com/download)

	SH ././... ..
d2	S min <sup>1)</sup>
20	34 <sup>2)</sup>
25	36
32	36
40	38
50	38

<sup>1)</sup> Clamp thin plates with H 3024

<sup>2)</sup> Clamp the SH 40 (s= 36mm) with H 3024  
(if the recess for the retainer disc is on top)






# CLAMPING OF S-PLATES SD 40 AND SD 80

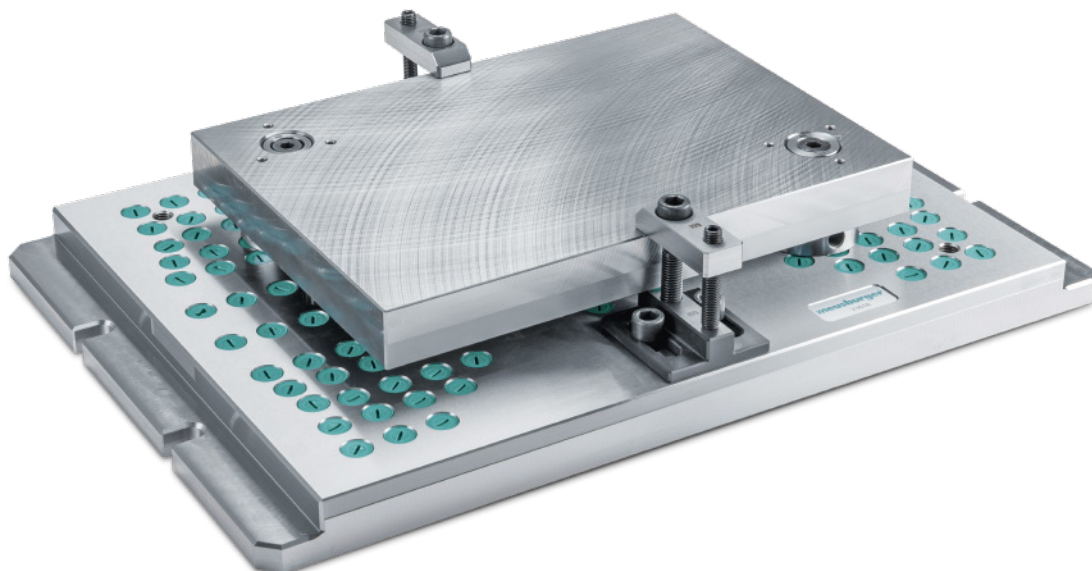
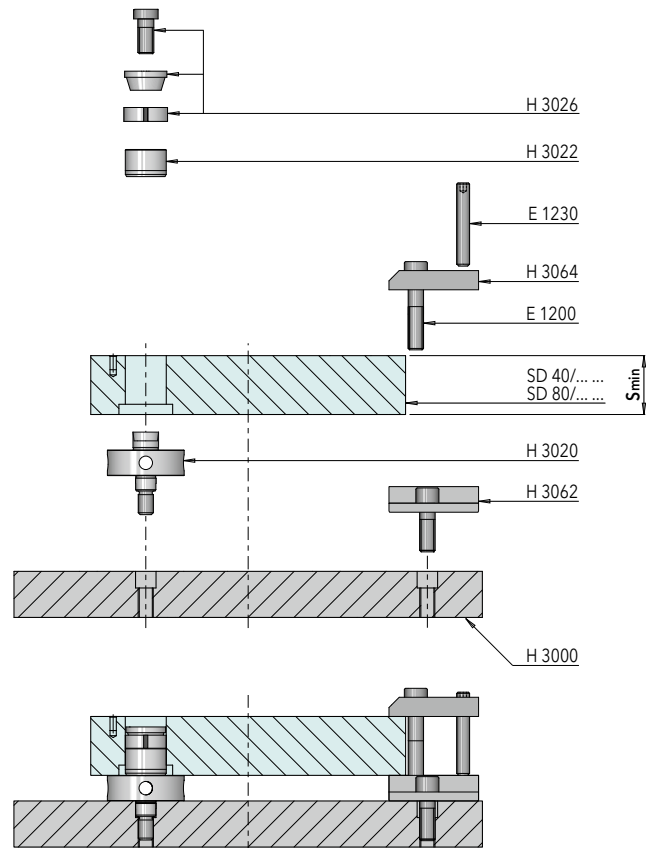
## APPLICATION

- » Reliable clamping using the H 3062 Support device.
- » **Note:** Always clamp the offset guiding hole on the marked half of the H 3000.

**i** H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)

 d2	SD ././... ..
<b>d2</b>	<b>S min <sup>1)</sup></b>
20	34 <sup>2)</sup>
25	36
32	36
40	38

<sup>1)</sup> Clamp thin plates with H 3024  
<sup>2)</sup> Clamp the SD 40 (s= 36mm) with H 3024  
 (if the recess for the retainer disc is on top)



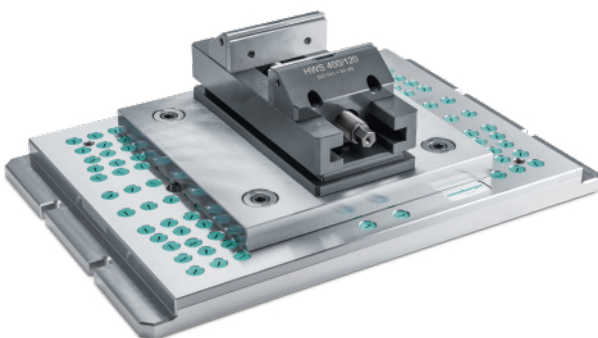
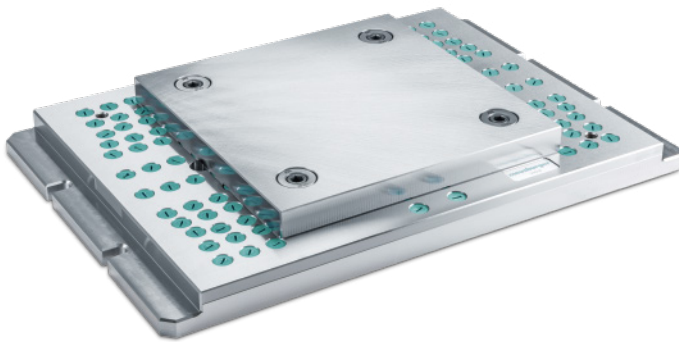
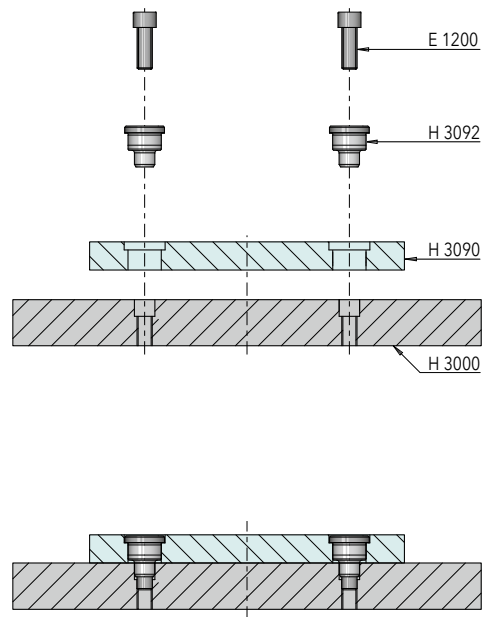
# CLAMPING OF PALLETS

## APPLICATION

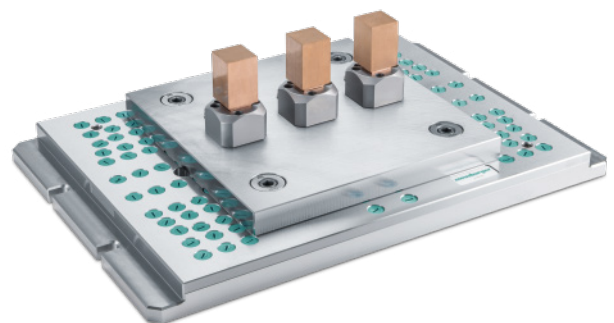
» With the H 3090 pallets, vices, electrode holders etc. can be clamped.



H 3000 standard hole pattern at [www.meusburger.com/download](http://www.meusburger.com/download)



Application example: **vice**



Application example: **electrode holder**

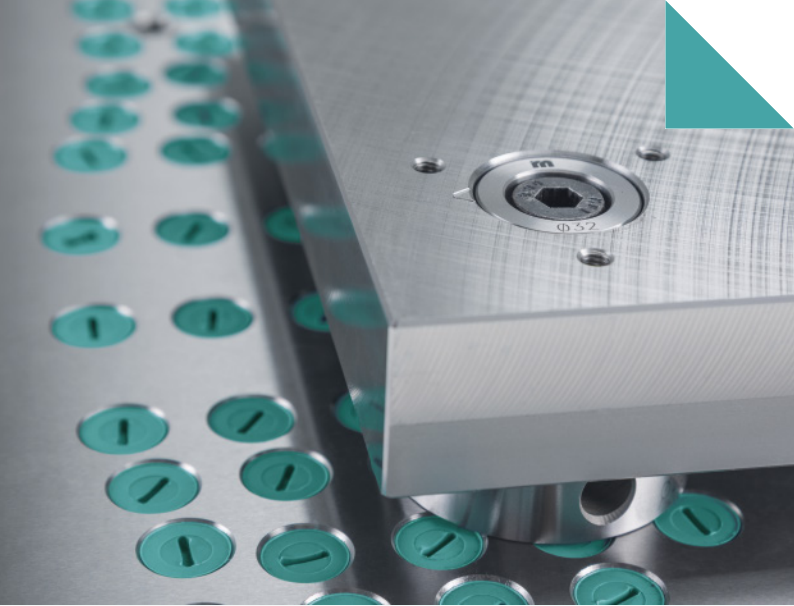




Meusburger Georg GmbH & Co KG | Kesselstr. 42 | 6960 Wülfrat | Austria  
CE ART. Nr. THL 106 250 Seriennummer / N° de série / Serial number

Magnettyp / Magnet Type	Nennlastkapazität / Nominal Capacity (t max.)	Dicke / Plate Thickness (mm)	Maximum (mm)
	250	25	2000x1000
	125	20	180





CONSISTENT  
HIGH QUALITY



REDUCED PLATE  
WARPING DURING  
MACHINING



OUTSTANDING  
SERVICE

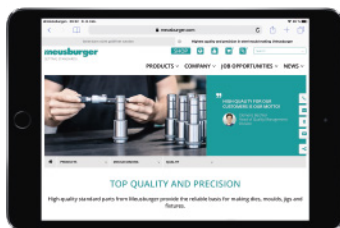
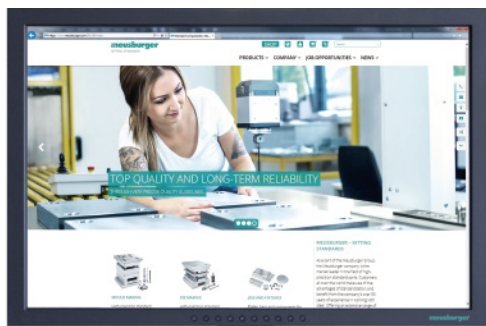


CONTINUOUS  
AVAILABILITY



SHORT  
LEAD TIMES

# ORDERING – THE WAY YOU LIKE IT BEST!



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