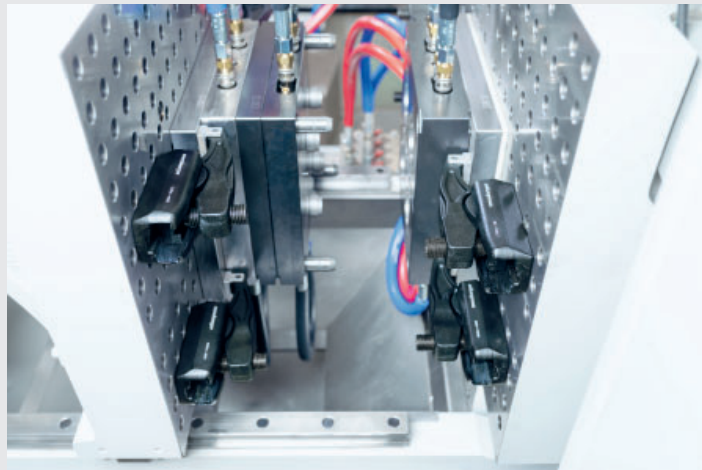


## MEUSBURGER PREMIUM POWER CLAMPS FOR INJECTION MOULDING

The Meusburger premium power clamp line features extremely robust and ergonomic design. This ensures simple, fast and reliable clamping and reduces your machine downtimes.



### **LOW INSTALLATION HEIGHT**

» Due to the low installation height, optimal utilisation of the clamping stroke of the injection moulding machine is guaranteed

### **COMPACT DESIGN**

» The compact design enables simple positioning of the clamping elements even in the most challenging spaces

### **ERGONOMIC DESIGN**

» Ergonomic design guarantees easy handling and safe operation of the power clamps

### **HIGHEST QUALITY MATERIALS**

» High-quality, black galvanised quenched and tempered alloy steel ensures a long service life and optimum protection against corrosion

### **HIGH CLAMPING FORCES**

» An extremely high degree of inherent rigidity and stability combined with high clamping forces guarantees secure clamping of injection moulds



### INFINITELY ADJUSTABLE

The length is infinitely adjustable by means of the T-slot slide, which guides the upper part of the power clamp. The height adjustment, through which the clamping force is transmitted, is done by turning the clamping screw.



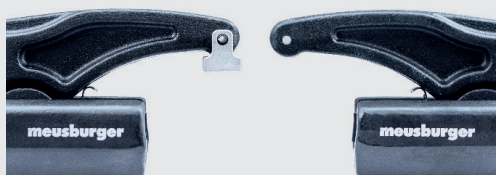
### VARIOUS STYLES

Thanks to the optimally designed Meusburger power clamp range, a large number of different moulds can be clamped without any complications. Even challenging clamping positions in confined spaces can be achieved without any problems due to the compact designs.



### ERGONOMIC DESIGN

Due to the ergonomic design, the clamping element can be moved quickly and easily with little effort.



### GENTLE CLAMPING

The smooth pressure pad included in the delivery not only ensures that the contact pressure is evenly distributed during the clamping process, but also protects the mould or workpiece from damage. Alternatively, clamping without a pressure pad is also possible.



### UNIVERSAL USE

By means of the optionally available T-nuts, the power clamps can be converted in no time at all into clamping devices that can be clamped on T-slotted tables. This enables a wide range of applications, covering a large variety of areas from machining to jigs and fixtures construction.

## HOW TO USE A POWER CLAMP

### **FASTEN THE SUPPORT ELEMENT**

Fasten the support element on the injection moulding machine using the hexagon socket screw included in the delivery and tighten it with the specified torque.



### **POSITION THE CLAMPING ARM**

Now the clamping arm can be inserted in the T-slot guide of the support element and moved to the desired position.



### **APPLY CLAMPING FORCE**

The clamping force is applied by turning the adjusting screw. Using a torque wrench is recommended.



### **MAINTENANCE**

To reduce wear on the adjusting screw, we recommend using VAP 1000.

The heat-resistant lubricant prevents corrosion and fretting even in highly stressed screw connections by means of a special solid lubricant.





## OVERVIEW OF POWER CLAMP SIZES:

### HWS 104/22/12

Design: compact  
Clamping force: 22 kN  
Thread size: M12  
Clamping height: 5-38  
Clamping range: 15-50



### HWS 104/30/12

Clamping force: 30 kN  
Thread size: M12  
Clamping height: 6-68  
Clamping range: 13-110



### HWS 104/30/16

Clamping force: 30 kN  
Thread size: M16  
Clamping height: 6-68  
Clamping range: 16-114



### HWS 104/32/12

Design: compact  
Clamping force: 32 kN  
Thread size: M12  
Clamping height: 6-50  
Clamping range: 12-82



### HWS 104/40/16

Design: compact  
Clamping force: 40 kN  
Thread size: M16  
Clamping height: 6-50  
Clamping range: 15-95



### HWS 104/43/16

Clamping force: 43 kN  
Thread size: M16  
Clamping height: 5-80  
Clamping range: 16-134



### HWS 104/49/20

Clamping force: 49 kN  
Thread size: M20  
Clamping height: 7-88  
Clamping range: 19-165

