

# octanorm

## Processing/Mounting

Technics 11/25

Manufacturing with precision.



## ↗ Contents

### ↗ tools

↗ Pneumatic press	3
↗ Drilling jigs	9
↗ Drills/Accessories	13
↗ Screwdriver	20
↗ technical information	

# ↗ Pneumatic press

## tools

### Pneumatic press

13 mm system hole  
L 420 × W 510 × H 780 mm



### PS-0.90

steel

for 13 mm system hole, operating pressure 6-10 bar, compressed air connection 3/8" (= 6 mm), air consumption 6 bar = 0.44 l, 10 bar = 0.70 l, accessory: WPS 1, screws, cover set, punching die with base plate, compressed air connection and foot release with ZPS 107 for different extrusion thicknesses, to attach to punching sides A and B

L 420 × W 510 × H 780 mm | 39,5 kg

### Interchangeable tool

for 13 mm system hole  
L 190 × W 78 × H 87 mm



### WPS 1.90

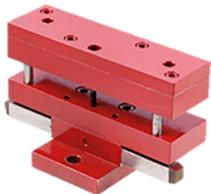
steel

interchangeable tool with die plate and hole punch for 13 mm system hole in beam extrusions with large and small lock hollow section

L 190 × W 78 × H 87 mm | 4.76 kg

### Interchangeable tool

for 8 mm system hole  
-



### WPS 2.90

steel

interchangeable tool with die plate and hole punch for 8 mm system hole and subsequent countersinking, for installation of corner connectors using countersunk screws E 111/m in extrusions with 14 mm square hollow chamber

- | 4.9 kg

## ↗ Pneumatic press

### tools

#### Interchangeable tool

for 8 mm system hole  
L 190 × W 77 × H 86 mm



#### WPS 5.90

steel

interchangeable tool with die plate and hole punch for 8 mm system hole in upright extrusion

L 190 × W 77 × H 86 mm | 4.27 kg

#### Foot pedal

for PS-0  
L 180 × W 80 × H 86 mm



#### ZPS 100.90

steel

for pneumatic press PS-0

L 180 × W 80 × H 86 mm | 0.685 kg

#### Replacement die plate

21/13 mm  
for WPS 1



#### ZPS 101.90

steel

21/13 mm, for interchangeable tool WPS 1, suitable for small tension lock chamber

L 115 × W 21 × H 12 mm | 0.185 kg

### Replacement die plate

39/13 mm  
for WPS 1



### ZPS 102.90

steel

39/13 mm, for interchangeable tool WPS 1, suitable for large tension lock chamber

L 142 × W 50 × H 12 mm | 0.454 kg

### Hole punch

13 mm dia  
for WPS 1



### ZPS 103.90

steel

13 mm dia., for interchangeable tool WPS 1

L 58 × W 16 × H 16 mm | 0.065 kg

### Hole punch

8 mm dia.  
for WPS 2



### ZPS 105.90

steel

8 mm dia., for interchangeable tool WPS 2

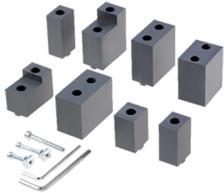
L 47 × W 11 × H 11 mm | 0.023 kg

## ↗ Pneumatic press

### tools

#### Supporting block set

for PS-0  
L 130 × W 100 × H 28 mm



#### ZPS 107.90

nylon

for pneumatic press PS-0, with fixing accessories

L 130 × W 100 × H 28 mm | 0.54 kg

#### Supporting block

for WPS 1 / punching side A  
W 18 × H 48 mm



#### ZPS 107/11.90

nylon

for interchangeable tool WPS 1 / punching side A, for all 16 mm  
beam extrusions, with fixing accessories

W 18 × H 48 mm | 0.029 kg

#### Supporting block

for upright extrusion S 201  
for WPS 1 / punching side B



#### ZPS 107/12.90

for interchangeable tool WPS 1 / punching side B, for upright  
extrusion S 201, with fixing accessories

W 22 × H 36 mm | 0.029 kg

### Supporting block

für S 1310 / Z 2100 / Z 2105  
for WPS 1 / punching side A



### ZPS 107/13.90

nylon

for interchangeable tool WPS 1 / punching side A, for extrusions  
S 1310 / Z 2100 / Z 210, with fixing accessories

W 44 × H 32 mm | 0.041 kg

### Supporting block

for 16 mm beam extrusions  
for WPS 1 / punching side B



### ZPS 107/14.90

nylon

for interchangeable tool WPS 1 / punching side B, for all 16 mm  
beam extrusions, with fixing accessories

W 40 × H 48 mm | 0.077 kg

### Supporting block

for WPS 2 / punching side A  
W 20 × H 40 mm



### ZPS 107/21.90

nylon

for interchangeable tool WPS 2 / punching side A, for extrusions  
S 1100 / S 1105 / S 1125 / S 130, with fixing accessories

W 20 × H 40 mm | 0.027 kg

### Supporting block

for WPS 2 / punching side B  
W 55 × H 40 mm



### ZPS 107/22.90

nylon

for interchangeable tool WPS 2 / punching side B, for extrusions  
S 1100 / S 1105 / S 1125 / S 130, with fixing accessories

W 55 × H 40 mm | 0.09 kg

### Supporting block

for S 108 / S 201 / S 208  
for WPS 5 / punching side A



### ZPS 107/51.90

nylon

for interchangeable tool WPS 5 / punching side A, for upright  
extrusions S 108 / S 201 / S 20, with fixing accessories

W 46 × H 52 mm | 0.07 kg

### Supporting block

for S 1310 / Z 2105  
for WPS 6 / punching side A



### ZPS 107/61.90

nylon

for WPS 6 / punching side A, for S 1310 / Z 2105, with fixing  
accessories

W 46 × H 49 mm | 0.078 kg

# Drilling jigs

## tools

### Drilling

8/12 mm drilling  
L 135 × W 40 × H 84 mm



### BS 4.90

steel/aluminium body

for 8 mm system hole, for installation of tension lock Z 961/8 in 40 mm and 80 mm square extrusions: WP 860 / M 1025 / M 1091 / M 1018 (see BS 4 ZS 1) included in delivery: drill bush ZBS 100, Ø 8 mm, distance block ZBS 140, for 12 mm countersink - only for internal straight connector Z 967

L 135 × W 40 × H 84 mm | 0.612 kg

**1** for 8 mm system hole: twist drill ZBS 112 to be ordered separately  
for 12 mm countersink: drill bush ZBS 104 and step drill ZBS 115 to be ordered separately

### Drilling jig accessory

for BS4  
L 66 × W 67 × H 16 mm

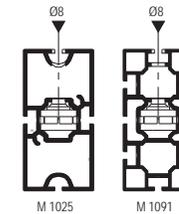


### BS 4 ZS 1.90

steel/aluminium body

for drilling jig BS4, for 8 mm system hole, extrusions: M 1025 / M 1091 / M 1018

L 66 × W 67 × H 16 mm | 0.1 kg



### Drilling

10/13 mm drilling  
L 110 × W 40 × H 40 mm



### BS 6.90

steel/aluminium body

for 13 mm system hole: for installation of tension lock Z 961/13 in all 16 mm beams, included in delivery: drill bush ZBS 102, 13 mm dia. (large tension lock chamber), spacer pins ZBS 141 for extrusions Z 100 / Z 11, for 10 mm system hole: for installation of tension lock Z 960 in beams with 12 × 21 mm lock chamber

L 110 × W 40 × H 40 mm | 0.435 kg

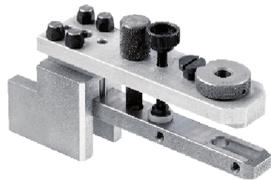
**1** for 13 mm system hole: twist drill ZBS 114 to be ordered separately  
for 10 mm system hole: supplementary set ZBS 145 to be ordered separately

# Drilling jigs

## tools

### Drilling

**12 mm countersink drilling**  
L 180 x W 40 x H 75 mm



### BS 8N.90

**steel/aluminium body**

for installation of mitred connector Z 990/Z 965B/Z 964B/Z 966 and tension lock Z 963/L+R / Z 953/L+R, corner connector for W 906/M 1901/M 1915/M 1307, all 16 mm beams and 40 mm square extrusions, included in delivery: drill bush ZBS 104 Ø 12 mm, spacer pins ZBS 141 for extrusion Z 100/Z 110, distance block ZBS 140, beam distance piece for Z 953/L+R / Z 964 / Z 965 / Z 965B

L 180 x W 40 x H 75 mm | 0.953 kg

**1** step drill ZBS 115 or optional twist drill ZBS 112 in combination with countersink ZBS 120 and drill guide bush ZBS 100 to be ordered separately

### Drilling

**8/10/12 mm drilling**  
W 105 x H 85 mm



### BS 31.90

**steel/aluminium body**

with pressed-in drill bushes for 12/10/8 mm system hole, for installation of adaptor with tension lock M 1102, M 1104 in 120 mm square extrusions, included in delivery: twist drill ZBS 112, Ø 8 mm, step drill ZBS 115, Ø 12 mm/6.5 mm/90°, twist drill ZBS 151, Ø 10 mm for pin lock 10 mm

W 105 x H 85 mm | 1.137 kg

**1** Attention: drilling tools have to be ordered separately: step drill ZBS 115B, Ø 12/6.5 mm, 90° depth stop ZBS 115A for step drill ZBS 115B

### Drilling

**8/10 mm drilling**  
W 80 x H 40 mm



### BS 33.90

**steel/plastic**

with pressed-in drill bushes for 10/8 mm system hole, for installation of adaptor with tension lock M 1101 / M 1291 and adaptor for hinged end plates M 1281 in 80 mm round and square extrusions, included in delivery: twist drill ZBS 112, Ø 8 mm, step drill ZBS 153, Ø 10 mm/5.3 mm, 90°

W 80 x H 40 mm | 0.222 kg

## Drilling jigs

### tools

#### Drilling

8/10 mm drilling  
L 105 × W 40 × H 26 mm



#### BS 34.90

steel/plastic

with pressed-in drill bushes for 10/8 mm system hole, for installation of adaptor with tension lock M 1100 in 60 mm round and square extrusions, included in delivery: twist drill ZBS 112, Ø 8 mm, step drill ZBS 153, Ø 10 mm/5.3 mm, 90°

L 105 × W 40 × H 26 mm | 0.241 kg

#### Drilling

8/10 mm drilling  
L 140 × B 80 × H 50 mm



#### BS 35.90

steel/aluminium body

with pressed-in drill bushes for 10/8 mm system hole, for installation of adaptor with tension lock M 1101 / M 1114 / M 1116 and base plate M 1406 in 80 mm square extrusions, included in delivery: twist drill ZBS 112, Ø 8 mm, step drill ZBS 153, Ø 10 mm/5.3 mm, 90°

L 140 × B 80 × H 50 mm | 0.646 kg

#### Drilling

8/10 mm drilling  
L 140 × W 80 × H 50 mm



#### BS 36.90

steel/aluminium body

with pressed-in drill bushes for 10/8 mm system hole, for installation of adaptor with tension lock M 1103 in 80 mm square extrusions, included in delivery: twist drill ZBS 112, Ø 8 mm, step drill ZBS 153, Ø 10 mm/5.3 mm, 90°

L 140 × W 80 × H 50 mm | 0.645 kg

## Drilling jigs

### tools

#### Drilling

for M 1935

L 180 x W 40 x H 75 mm



#### BS M1935.90

steel

consisting of drilling jig similar to BS 8, but with tongue 16.05 x 11.5 and 20.65 x 8.5 ( as extrusion M 1935 has two different chambers), 4 x spacer pin ZBS 141.90, 2 x drill bush Ø 12 mm ZBS 104.90, 1 x cylinder screw M6 x 6 DIN 17

L 180 x W 40 x H 75 mm | 0.785 kg

**0** Step drill ZBS 115 to be ordered separately

#### Drill guide bush

8 mm dia.  
for BS 4



#### ZBS 100.90

steel

for drilling jig BS 4, 8 mm dia., exchangeable

L 36 × W 32 × H 32 mm | 0.096 kg

#### Drill guide bush

13 mm dia.  
for BS 6



#### ZBS 102.90

steel

for drilling jig BS 6, 13 mm dia., exchangeable

L 26 × W 32 × H 32 mm | 0.078 kg

#### Drill guide bush

10 mm dia  
for BS 6 / ZBS 145



#### ZBS 103.90

steel

for drilling jig BS 6 / supplementary set ZBS 145, 10 mm dia., as accessory in supplementary set ZBS 145, exchangeable

L 26 × W 32 × H 32 mm | 0.089 kg

#### Drill guide bush

12 mm dia.  
for BS 8N



#### ZBS 104.90

steel

for drilling jig BS 8N, 12 mm dia., in combination with step drill  
ZBS 115, exchangeable

L 12 × W 22 × H 16 mm | 0.009 kg

#### Twist drill

8 mm dia.  
for drilling jigs



#### ZBS 112.90

steel

for drilling jig BS 4 / BS 31 / BS 33 / BS 34 / BS 35 / BS 36, Ø 8  
mm, special machining tool for aluminium materials

L 91 × W 8 × H 8 mm | 0.024 kg

#### Twist drill

8.5 mm dia.  
BS 32



#### ZBS 150.90

steel

special tool for for drilling aluminium

8.5 mm dia. | 0.032 kg

#### Twist drill

8.9 mm dia.  
BS 14



#### ZBS 117.90

steel

special tool for drilling aluminium

8.9 mm dia. | 0.031 kg

#### Twist drill

9 mm dia.  
BS 5, BS 8



#### ZBS 113.90

steel

special tool for drilling aluminium 9 mm dia. for use with

9 mm dia. | 0.035 kg

#### Twist drill

13 mm dia.  
for BS 6



#### ZBS 114.90

steel

for drilling jig BS 6, Ø 13 mm, special machining tool for aluminium materials

L 117 x W 13 x H 13 mm | 0.072 kg

#### Step drill

12/6,5 mm dia. / 90°  
for drilling jig



#### ZBS 115.90

steel

for drilling jig BS 3 / BS 8N / BS 31 / BS 32, Ø 12/6.5 mm, 90°,  
special machining tool for aluminium materials, with lockable depth  
stop ring

L 112 × W 44 × H 20 mm | 0.113 kg

#### Step drill

12/6,5 mm dia. / 90°  
for drilling jig



#### ZBS 115B.90

steel

for drilling jig BS 31 / BS 32, Ø 12/6.5 mm, 90°, special machining  
tool for aluminium materials

L 102 × W 12 × H 12 mm | 0.079 kg

#### Depth stop ring

for ZBS 115B  
L 25 × W 20 × H 20 mm



#### ZBS 115A.90

steel

for step drill ZBS 115B, with fixing screw

L 25 × W 20 × H 20 mm | 0.033 kg

### Countersink

16.5 mm dia./ 90°  
universal



### ZBS 121.90

steel

for universal use, 16.5 mm dia., 90°  
L 60 × W 16 × H 16 mm | 0.041 kg

### Countersink

9.7 mm dia. / 90°  
for BS 13



### ZBS 122.90

steel

for drilling jig BS 13, 9.7 mm dia., 90°  
L 50 × W 10 × H 10 mm | 0.011 kg

### handtap drill

M10  
L 140 × W 10 × H 10 mm



### ZBS 130.90

steel

for long internal threads in upright extrusions, M10, 140 mm long  
L 140 × W 10 × H 10 mm | 0.059 kg

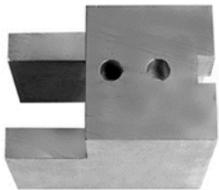
**handtap drill**  
**M8**  
**for V extrusions**



**ZBS 131.90**  
**steel**

for extrusions V 2000, V 2020, M8, with guide pin  
L 115 x W 8 x H 8 mm | 0.037 kg

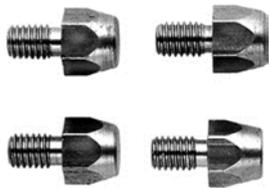
**Distance block**  
**for BS 6**



**ZBS 140.90**  
**steel**

for adjustment of drilling jig BS 6 to 32 mm extrusions, with  
mounting parts  
L 54 x B 40 x H 60 mm | 0.182 kg

**Spacer pins**  
**for BS 6 / BS 8N**



**ZBS 141.90**  
**steel**

for drilling jig BS 6 / BS 8N, for adjustment of drilling jig to large  
lock chamber 39/12 mm, Set of 4 pieces  
L 18 x B 10 x H 10 mm | 0.006 kg

#### Drilling jig accessory

for BS 6

L 150 × W 60 × H 30 mm



#### ZBS 145.90

aluminium/steel

for drilling jig BS 6, for fitting in tension lock Z 960 (Z 960 is for single use only), consisting of 1 × exchangeable drill bush ZBS 103, 1 × drill ZBS 151, 1 × beam piece 15.3 mm

L 150 × W 60 × H 30 mm | 0.155 kg

#### Twist drill

10 mm dia.

for BS 31 / ZBS 145



#### ZBS 151.90

steel

for drilling jig BS 31, supplementary set ZBS 145, Ø 10 mm, special machining tool for aluminium materials

L 133 × W 10 × H 10 mm | 0.052 kg

#### Step drill

10/5,3 mm dia. / 90°

for drilling jig



#### ZBS 153.90

steel

for drilling jig BS 33 / BS 34 / BS 35 / BS 36, 10/5.3 mm dia., 90°, special machining tool for aluminium materials, with lockable depth stop ring, 89 mm long

L 89 mm | 0.057 kg

## ↗ Screwdriver

### tools

#### Screwdriver

hex-star T30  
L 82 × W 98 × H 20 mm



#### E 13.90

steel/plastic

hex-star T30  
L 82 × W 98 × H 20 mm | 0.059 kg



#### Screwdriver

hex-star T30  
for E 111



#### E 113.90

steel/plastic

hex-star T30, for opening/closing hex-star screw E 111 e.g. internal corner connector Z 965B / Z 966 / M 1965B  
L 232 × W 35 × H 35 mm | 0.122 kg

#### Hexagon wrench

hex-star T30  
L 78 × W 29 × H 6 mm



#### E 114.90

steel

angle wrench, hex-star T30, for opening/closing hex-star screw E 111 e.g. internal corner connector Z 965B / Z 966 / M 1965  
L 78 × W 29 × H 6 mm | 0.02 kg

## ↗ Screwdriver

### tools

#### Ratchet

1/4"

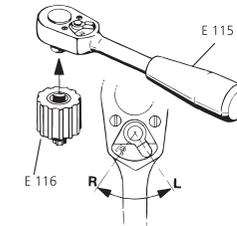


#### E 115.90

steel

1/4"

L 150 x B 22 x H 18 mm | 0.11 kg



#### Ratchet accessory

hex-star T30  
for E 115 / 1/4"



#### E 116.90

plastic/steel

for ratchet E 115, hex-star T30, 1/4"

L 24 x W 21 x H 21 mm | 0.019 kg

#### Ratchet accessory

hex-star T30  
for Z 961/8 / 1/4"

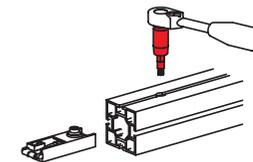


#### E 116/42.90

steel

for tension lock Z 961/8, hex-star T30, 1/4"

L 40 x W 13 x H 13 mm | 0.021 kg



# ↗ Screwdriver

## tools

### Ratchet accessory

hex-star T30  
1/4"



### M 945.90

steel

hex-star T30, 1/4", 90 mm long  
L 90 mm | 0.024 kg

### Screwdriver

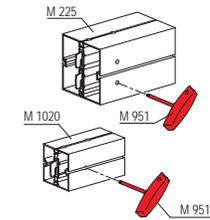
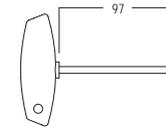
hex-star T30  
97 mm long



### M 951.90

steel/plastic

hex-star T30  
L 0 x B 97 x H 0 mm | 0.074 kg

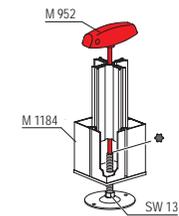


### Screwdriver



### M 952.90

plastic/steel hex-star T30  
L 0 x B 200 x H 0 mm | 0.086 kg





**OCTANORM®-Vertriebs-GmbH**

für Bauelemente  
Raiffeisenstraße 39  
70794 Filderstadt, Germany  
**T** +49 711 77003 0  
**E** info@octanorm.de

**Adria**

↗ [octanormadria.com](http://octanormadria.com)

**Australia**

↗ [octanorm.com.au](http://octanorm.com.au)

**Belgium**

↗ [octanorm.be](http://octanorm.be)

**China**

↗ [octanorm.cn](http://octanorm.cn)

**Emirates**

↗ [octanormemirates.net](http://octanormemirates.net)

**Espana**

↗ [octanorm.es](http://octanorm.es)

**France**

↗ [octanorm.fr](http://octanorm.fr)

**Hellas**

↗ [octanorm.gr](http://octanorm.gr)

**Italia**

↗ [octanorm.com](http://octanorm.com)

**Japan**

↗ [octanorm.co.jp](http://octanorm.co.jp)

**México**

↗ [octanorm.com.mx](http://octanorm.com.mx)

**Nigeria**

↗ [it-al.design](http://it-al.design)

**Nordic**

↗ [octanorm.se](http://octanorm.se)

**North America**

↗ [octanormna.com](http://octanormna.com)

**Polska**

↗ [octanorm.pl](http://octanorm.pl)

**South Africa**

↗ [octanorm.co.za](http://octanorm.co.za)

**UK**

↗ [octanorm.uk](http://octanorm.uk)

↗ [octanorm.com](http://octanorm.com)