# Clamping large sheets of smooth material

You Tube

**Your benefits at a glance:**

**1 Vacuum pumps with control function**
The required vacuum is generated with only a few movements of the pump – for a maximum vacuum and top clamping force up to 1,200 N. The status of the vacuum can be checked at any time via a marking ring on the pump tappet and brought back up to the maximum by repeated pumping.

**2 Release button**
By simply pressing the release button, the vacuum disappears and the seaming tool can be removed quickly.

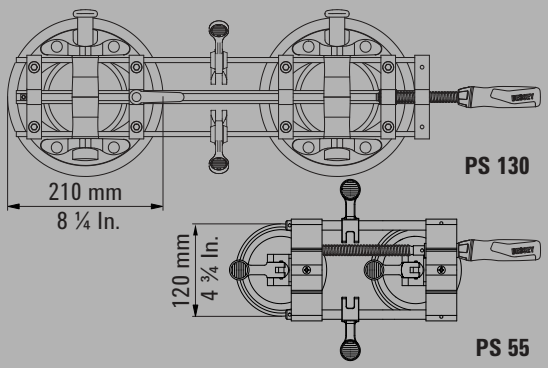
**3 Quick adjusting screw**
To quickly adjust the distance, simply undo the screws and slide the suction cups into the desired position via the guide rails.

**4 Sturdy construction**
The proven BESSEY all-steel rails, which run in anodised aluminium profiles, keep the suction discs on precisely the same level, even under high clamping pressures. This guarantees a precise finished result.

- For clamping and positioning large and potentially heavy components with a smooth surface, such as artificial stone, ceramic, granite, Corian®, plastic, sheet metal and glass
- Manual vacuum pumps for maximum suction power, and therefore a maximum level of horizontal clamping force up to 1,200 N
- Marking ring on the pump lever to permanently check for a reliable vacuum
- Practical quick adjustment function for rapid adjustment of the distance between the two suction cups

**Seaming tool PS 130, big and strong**

| № | ↔a↔ | Width | Length | | | € |
|---|---|---|---|---|---|---|
| | mm | mm | mm | kg | qty. | V3 |
| PS130 | 5-130 | 215 | 715 | 4.08 | 1 | 553,00 |




Corian® is a registered trademark of DuPont

# Seaming tool

You Tube

**Your benefits at a glance:**

1 **Gentle suction cups**
Easy to use. Engage the handle on the suction cups to generate a vacuum, and the seaming tool adheres automatically to the sheet.

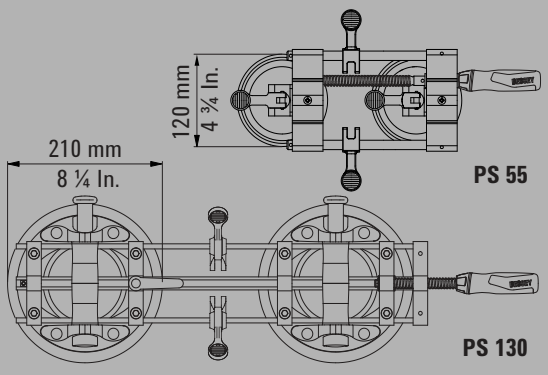
2 **Practical cam levers**
The two levers on the guide bars can be used to easily control the height differences which can occur when pulling together the sheets.

3 **Sturdy construction**
Cold-drawn, electro-galvanised guide rods in sturdy aluminium profiles prevent the seaming tool from bending open during the clamping process and hold the seaming tool on one level. This guarantees a precise finished result.

4 **Ergonomic plastic handle**
With the perfect handle, you can achieve up to 260 N of clamping force in the horizontal plane. This need is met by the high-quality two-component plastic handle with easy-to-move trapezoidal thread spindle.

**Seaming tool PS 55**

| № | ↔a↔ | Width | Length | | | € |
|---|---|---|---|---|---|---|
| | mm | mm | mm | kg | qty. | V3 |
| PS55 | 10-55 | 144 | 363 | 1.68 | 1 | 234,80 |




Corian® is a registered trademark of DuPont

- For clamping and positioning components with a smooth surface, such as ceramic, granite, Corian®, plastic, sheet metal and glass, which require low clamping forces (up to 260 N)
- Clamping levers on the suction cups ensure rapid handling
- Cam lever to compensate for differing heights at the joint

# Assembling door frames

**Systematic assembly**

**The modern technique of assembling door frames using assembly foam requires special tools that will ensure accurate alignment and support. With its TU door frame brace, BESSEY has developed a world-renowned assembly tool that satisfies these requirements. This, combined with the TUX extension, the TFM door frame straightening clamp and the WTR angle door frame straightening clamp, make up the perfect assembly system. For example, the TU and the TUX extension that can be combined without tools also enable extra-wide doors to be installed, as required for barrier-free construction. The TFM door frame straightening clamp can be used to gently move frames that are fixed into the wall breakthrough, without wedging the trim lining gap or damaging wallpapered walls. Furthermore, the WTR angle door frame straightening clamp can be used to hold and align the horizontal and vertical door frames so that they are at an angle of exactly 90° to each other. As you can see, this enables and rationalises the process of fitting door frames noticeably.**

The door frame clamp TU – easy to handle, and maintains the precise door frame dimensions.

**You Tube**

# Door frame and window assembly tools

## Door frame clamp TU

| № | ↔a↔ | | | € |
|---|---|---|---|---|
| | mm | kg | qty. | V3 |
| TU | 565-1010 | 1.27 | 2 | 72,30 |

- Gently and precisely braces and supports door casing during foam filling of wall joint
- Telescopic square anodised aluminium tubing with mm scale and adjusting screw for precision work
- Cross-shaped pressure plate with interchangeable clamping elements for frame depths of 6 to 13 cm or 13 to 30 cm
- Removable clamping bracket with increased clamping surfaces and removable brackets to insert the door frame securely and easily

## Door frame clamp set TU-TRAGE

| № | Contents/pc. | | | € |
|---|---|---|---|---|
| | | kg | qty. | V3 |
| TU-TRAGE | 6 (3 sets) door frame clamps for a total of 3 doors | 9.78 | 1 | 449,70 |

In a nylon wheeled case or safe and dustfree storage and for easy transport

## Door frame brace extension TUX

| № | ↔a↔ | | | € |
|---|---|---|---|---|
| | mm | kg | qty. | V3 |
| TUX | 1040-1960 | 0.37 | 1 | 27,50 |

Contents: 2 extension rods

- Accessories to increase the opening width of the TU door frame brace
- This enables extra-wide doors to be installed
- It can be used without tools in just a few steps

## Door frame straightening clamp TFM

| № | Adjusting range | ↔b↔ | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| TFM-2K | 35 | 70 | 0.58 | 2 | 30,40 |

- For quick, precise aligning and fixing of door frames
- The intelligent companion for the BESSEY door frame clamp TU and TMS

## Angle door frame straightening clamp WTR

| № | Opening chuck thickness | Adjusting range | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| WTR | 8-30 | 32 | 1.05 | 2 | 78,10 |

- For neatly fixed and stabilised frame corners
- For mounting at a precise 90° angle

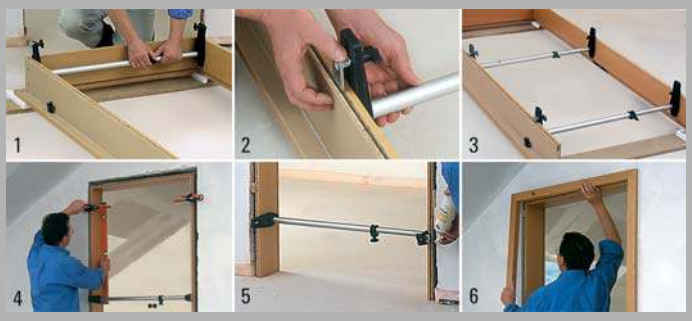
# Door frame assembly tools

## Door frame assembly device TMS

| № | ←a→ | | | € |
|---|---|---|---|---|
| | mm | kg | qty. | V3 |
| TMS | 560-1010 | 0.68 | 2 | 35,40 |

- "Gently and precisely" braces and supports door casing during foam filling of wall joint
- Telescopic round aluminium tube with adjusting screw for precision work
- With clamping elements on the clamping faces in order to secure struts in frames and to hold them at precise distances
- On carded hang pack

**You Tube**




## Window installation clamp FRK

| № | Frame thicknesses | Adjusting range | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| FRK85 | 40-85 | 30 | 0.43 | 4 | 44,70 |

- Permits rapid, precise straightening and fixing of window frames

## Pipe clamping set BPC

| № | For pipes Ø | | ←b→ | | | € |
|---|---|---|---|---|---|---|
| | mm | " | mm | kg | qty. | V3 |
| BPC-H12 | 21.3 | 1/2 | 40 | 0.88 | 4 | 27,10 |
| BPC-H34 | 26.9 | 3/4 | 42 | 1.30 | 4 | 29,90 |

- Suitable for steel pipes DN 20/R3/4" or DN 15/R1/2"
- Outer diameter 26.9 mm or 21.3 mm
- Infinitely-adjustable clamping width
- With stand
- On carded hang pack

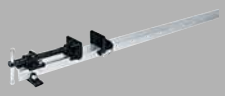
# Sash Clamps

## Sash clamps TAN with I-profile 80 x 42 x 3.9 mm

| № | ↔a↔ | Jaw dimensions w x h | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| TAN80 | 800 | 80 x 80 | 7.90 | 1 | 179,80 |
| TAN120 | 1200 | 80 x 80 | 10.10 | 1 | 196,80 |
| TAN150 | 1500 | 80 x 80 | 12.20 | 1 | 213,70 |
| TAN210 | 2100 | 80 x 80 | 15.00 | 1 | 247,90 |
| TAN250 | 2500 | 80 x 80 | 17.50 | 1 | 280,30 |

- Clamping force up to 24,000 N
- Easily adjustable pressure plates
- Removable crank handle
- Very sturdy thanks to I-profile

## Sash clamps TB with T-profile 40 x 40 x 5 mm



| № | ↔a↔ | Jaw dimensions w x h | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| TB100 | 1000 | 66 x 43 | 5.07 | 1 | 103,00 |
| TB120 | 1200 | 66 x 43 | 5.54 | 1 | 108,00 |
| TB150 | 1500 | 66 x 43 | 6.03 | 1 | 116,60 |
| TB210 | 2100 | 66 x 43 | 7.87 | 1 | 139,80 |
| TB250 | 2500 | 66 x 43 | 9.43 | 1 | 161,00 |

- Clamping force up to 14,000 N
- With attached locking bolt
- Tommy bar
- Sturdy thanks to T-profile

## Sash clamps TL, light with I-profile 37 x 11 x 4.5 mm

| № | ↔a↔ | Jaw dimensions w x h | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| TL60 | 600 | 48 x 53 | 3.80 | 2 | 41,20 |
| TL90 | 900 | 48 x 53 | 4.30 | 2 | 51,80 |
| TL120 | 1200 | 48 x 53 | 5.00 | 2 | 62,30 |
| TL180 | 1800 | 48 x 53 | 6.30 | 2 | 85,00 |

- Clamping force up to 9,900 N
- Easily adjustable pressure plates
- Crank handle
- Very sturdy thanks to I-profile

## Special flooring tools

# For laying parquet, laminated and panel flooring

**Simple and efficient**

**Floor coverings such as wood and cork parquet, laminated and panel flooring are stylish and fashionable. BESSEY has developed a range of specialist clamping tools that make the laying of these sought after floor coverings easier and more efficient. Examples of BESSEY innovations are spacer PVA and the flooring and clamping system SVH. That makes BESSEY a trendsetter in this field as well!**

**You Tube**

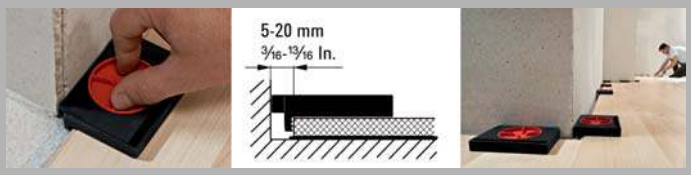
Used in conjunction with the PVA and AV2 accessories the PVZ flooring clamp delivers professional standards of installation on parquet, laminate and panel flooring.

The AV2 achieves consistent edge spacing between 5 and 20 mm without the need for multiple wedges.

# Special flooring tools

### Spacer AV2 (4 pcs./bag)

| № | ↔a | | Adjusting range | | | € |
|---|---|---|---|---|---|---|
| | mm | mm | mm | kg | qty. | V3 |
| AV2 | 20 | 89 | 5-20 | 0.22 | 12 | 10,00 |



The spacer will be delivered in an attractive sales presenter.
Available only in full pack quantities.

- Quickly and infinitely adjustable for wall distances of 5 to 20 mm
- Spacer for floating laminate and parquet flooring installations
- Wide contact and support area for avoiding pressure points on the floorboards and plaster
- Easy to remove by simply turning back
- Very light and compact

### Spacer PVA

| № | ↔a | | Adjusting range | | | € |
|---|---|---|---|---|---|---|
| | mm | mm | mm | kg | qty. | V3 |
| PVA | 35 | 130 | 7-35 | 0.48 | 6 | 27,30 |

- Infinitely adjustable for wall distances of 7 to 35 mm
- Front and lateral support when gluing solid wood floorings
- Pull-down function dependent on the inclined angle of the spindle, with movable mounted pressure plate with protective cap
- Extra wide contact area of 130 mm prevents edge damage to the floor-boards

### Flooring clamp PVZ

| № | ↔a | | | | € |
|---|---|---|---|---|---|
| | mm | mm | kg | qty. | V3 |
| PVZ65 | 650 | 130 | 2.60 | 5 | 85,00 |

While stocks last

- Sturdy construction
- Ideal for gluing the first three rows of wooden or laminated floor panels
- Optimum adjustment of distance from wall

### Flooring and clamping system SVH/SVG

| № | ↔a | Band w x d | Tear proof | | | € |
|---|---|---|---|---|---|---|
| | mm | mm | N | kg | qty. | V3 |
| SVH400 | 4000 | 25 x 1 | 5000 | 0.75 | 1 | 28,30 |
| SVH760 | 7600 | 25 x 1 | 5000 | 0.77 | 1 | 42,50 |
| SVG | 4000 | 25 x 1 | 2500 | 0.69 | 1 | 22,70 |

Additional use: can be used as lashing straps

- For laying parquet, laminated and panel flooring
- SVH with spacer and band of high-strength polyester
- SVH 400 and SVG – on carded hang pack

## Telescopic drywall support

# All firmly in hand with drywall construction

**Easy to adjust single handed**

**With the STE, BESSEY offers an extremely powerful roof and assembly support with pump mechanism and integrated quick-slide button. The range includes three sizes and therefore enables the fastening of plaster carton, wooden planks, panels, battens, metal bars, foils and lamp bodies at a height of up to 3.70 m. Use at angles is also possible without difficulty, thanks to the swivelling and non-slip PVC contact surfaces.**

# Telescopic drywall support

**Extremely secure hold**
The support guarantees a reliable and secure hold:
- due to extremely stable construction for up to max. 200 kg load-bearing capacity – depending on the corresponding support size – with maximum extension length
- due to rubber PVC contact surfaces top and bottom
- due to anti-slip system integrated in the grip

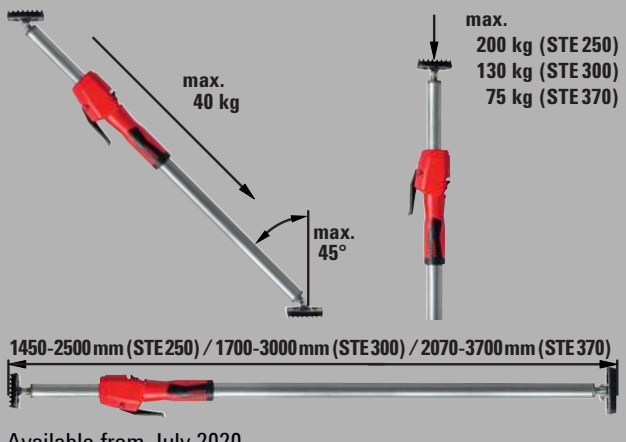
**Quick and accurate handling**
The support can be precisely set to requirements, and safely released:
- due to fixing in three steps: In order to pre-set the telescopic drywall support press the release button and extend the telescopic inner tube to the desired length. Fine adjustment takes place by pressing the pump lever until the system plate of the support lies against the workpiece. Then turn the grip clockwise until the desired holding force is attained (observe the max. load-bearing capacity)
- due to releasing in two steps: First turn the telescopic drywall support anti-clockwise. As soon as no further holding force is present, press the release button to retract the inner tube.

**Versatile in application**
It facilitates the positioning and holding of a wide range of materials:
- due to stable steel pipe construction in three sizes – telescoping up to 3.70 m
- due to 9 x 7 cm base plates with a swivel range of -45° to +45°

NEW

**Telescopic drywall support STE with pump grip**

| № | Adjusting range | Load limit at max. extension length | | | € |
|---|---|---|---|---|---|
| | mm | kg | kg | qty. | V3 |
| STE250 | 1450-2500 | 200 | 3.10 | 2 | 42,00 |
| STE300 | 1700-3000 | 130 | 3.50 | 2 | 46,00 |
| STE370 | 2070-3700 | 75 | 4.10 | 2 | 49,00 |




- Resilient up to a maximum of 350 kg when the telescopic rod is fully retracted
- Extremely stable construction due to highly durable steel pipes and non-slip PVC contact surfaces
- Single-handed operation thanks to 2-component plastic handle with pump mechanism
- Quick-slide button for rapid extension and retraction of the telescopic bar
- Controllable holding force by turning the support on the grip
- Application also on slopes due to continuously swivelling contact surfaces from -45° to +45°

Available from July 2020
Sales display ST18-D see catalogue page 132

## Telescopic drywall support

# Fixes and supports during dry construction

**“The extra hand” for safe one-man assembly!**

**Ease of transport and the flexible adjustment make the telescopic drywall support from BESSEY an indispensable helper for dry construction work. The stable construction not only enables the safe fixing of a wide variety of construction materials on the roof, but also safely affixes foils as a dust protection wall. Even on sloping roofs, the strut finds a secure hold with its swivelling PVC contact surfaces. One-man assembly can also start from larger plates – the maximum load limit per strut is up to 60 kg. Try them out for yourself!**

# Telescopic drywall support

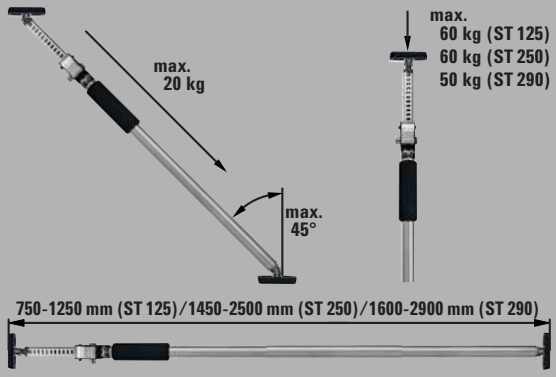
**Flexible in application**
It enables the positioning and holding of plaster carton, wooden planks, panels, battens, metal bars, foils and lamp bodies, for example. The support can even be used on sloping roofs:
- due to stable steel pipe construction in three sizes – telescoping up to 2.90 m
- due to 8.5 x 6.5 cm base plates with a swivel range of -45° to +45°

**Easy to handle**
The support can be used quickly:
- due to the fixing in just two steps: The rough pre-setting is carried out using the telescoping and quickly locking inner pipe; the final clamping is carried out by turning the support at the foam grip

**Secure hold**
Resilient and anti-slip, the support guarantees secure holding, even on sensitive surfaces:
- due to special steel pipes for a maximum load bearing capacity of up to 60 kg
- due to additional locking of the release button
- due to rubber contact surfaces top and bottom

**Telescopic drywall support ST**

| № | Adjusting range | Load limit at max. extension length | | | € |
|---|---|---|---|---|---|
| | mm | kg | kg | qty. | V3 |
| ST125 | 750-1250 | 60 | 1.41 | 10 | 24,20 |
| ST250 | 1450-2500 | 60 | 2.06 | 10 | 29,50 |
| ST290 | 1600-2900 | 50 | 2.24 | 10 | 32,20 |




- Resilient up to a maximum of 150 kg when the telescopic rod is fully retracted
- Stable construction due to special steel pipes and anti-slip PVC contact surfaces
- Application also on slopes due to continuously swivelable contact surfaces of -45° to +45°
- Easy, safe handling due to a telescoping and locking inner pipe as well as an outer pipe that can be turned by the foam grip
- GS-certified for quality and safety