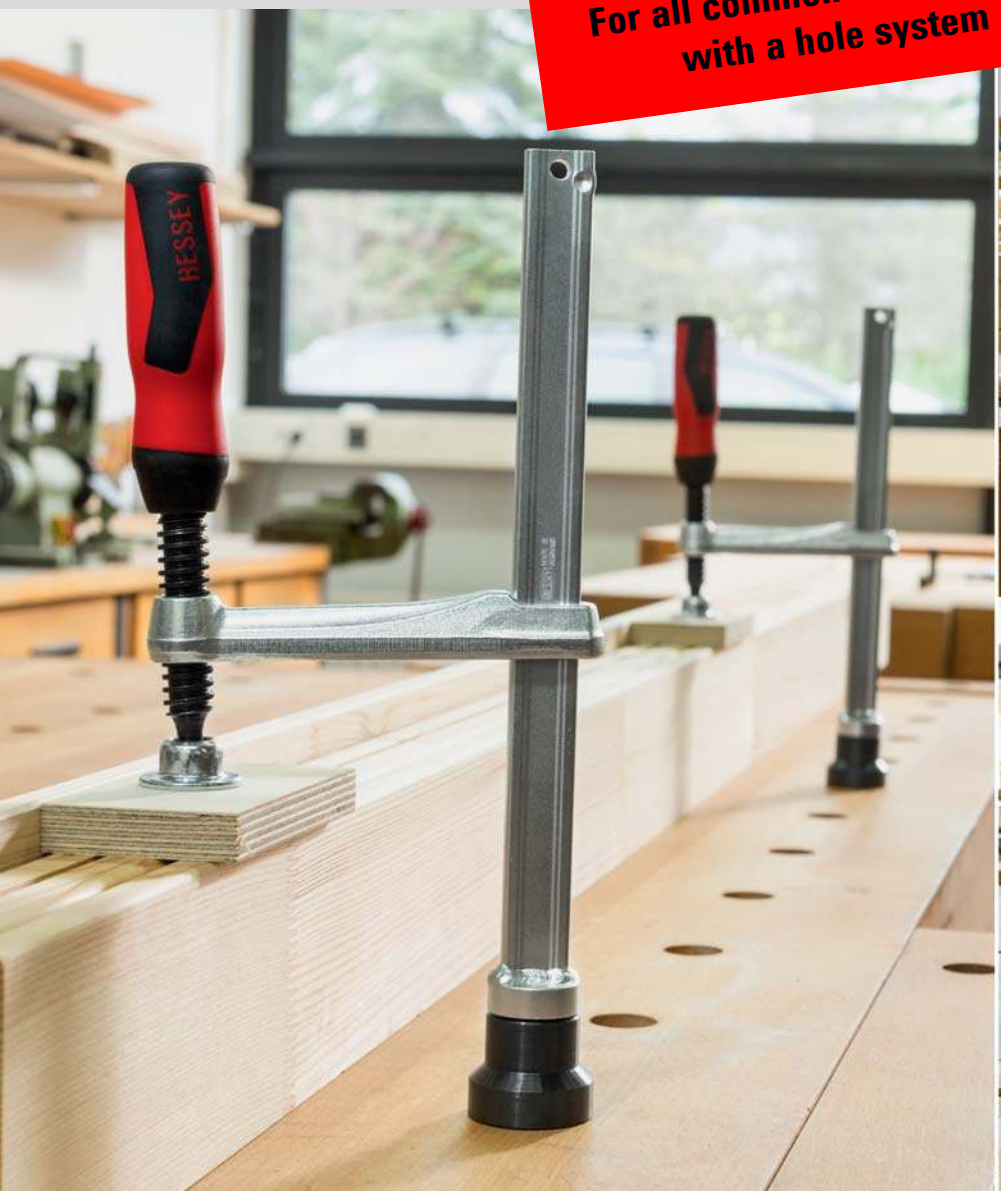
Clamp on workbenches securely and variably

For all common workbenches with a hole system



Tried and tested technology put back in the spotlight

As a specialist for manual clamping tools, BESSEY also provides solutions for fixing workpieces to workbenches. You can use the BESSEY TWV and TW clamping elements in conjunction with the TW16AW workbench adapter on any workbench with a hole system, such as the Sjöbergs workbench models. The tried and tested BESSEY all-steel clamp solutions were the inspiration for development. The unique BESSEY steel quality that is found in both the optimised profile shape and the spindle therefore guarantees you a dimensionally stable and torsion-resistant tool. Tried and tested BESSEY handle variants are also available. Regardless of whether you're using the clamping elements with a variable (TWV) or a fixed throat depth (TW), both designs are available with a 2-component plastic handle, a tommy bar or a lever handle. It doesn't matter which clamping element you choose: each one can be integrated into your workbench without tools thanks to the adapter and can be placed in the exact correct position to fix your workpiece. You can really master drilling, planing or sanding jobs.

Clamping elements for workbenches

Your benefits at a glance:

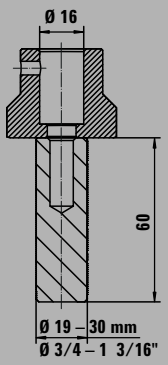
1 Perfect addition
Thanks to the TW16AW adapter, BESSEY TWV and TW clamping elements with a 16 hole system can also be used on workbenches with a hole system.

2 Flexible or fixed throat depth
Both the clamping elements with an infinitely adjustable throat depth (TWV) and those with a fixed throat depth (TW) are available with three handle variants.

3 Smooth-running spindle
The surface-coated spindle with acme thread (both for the 2-component plastic handle and the tommy bar) runs particularly smoothly and does not jam.

4 Ratchet mechanism
The natural force of the lever is used in the lever handle version. The ratchet mechanism ensures rapid, controlled, vibration-free clamping. The wear-resistant cam guarantees a long service life.

- Accessories for BESSEY TWV and TW clamping elements with 16 hole system
- Suitable for all common workbenches with a hole system
- Can be used without tools
- The stud pin can be changed to use other hole systems



Workbench adapter TW16AW

№	∅	Suitable for		⚖	▢	€
	mm	mm	"	kg	qty.	V3
TW16AW19	16	19	3/4	0.33	1	12,20
TW16AW20	16	20	13/16	0.35	1	13,30
TW16AW22	16	22	7/8	0.35	1	14,20
TW16AW25	16	25,4	1	0.44	1	14,50
TW16AW30	16	30	1 3/16	0.53	1	15,70

Clamping elements for workbenches

Clamping element with variable throat depth TWV

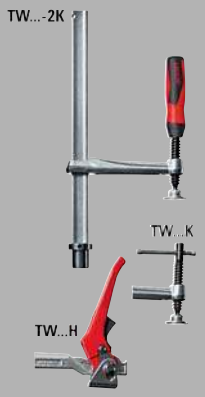
№	Ø	Clamping height max.	↔b↔	↔x↔			€
	mm	mm	mm	mm	kg	qty.	V3
TWV16-20-15-2K	16	200	30-150	22 x 8.5	1.20	1	60,90
TWV16-20-15K	16	200	30-150	22 x 8.5	1.04	1	60,90
TWV16-20-15H	16	200	60-150	22 x 8.5	1.21	1	84,00

- Precise, individual clamping
- Tempered profile and sliding arm for sprung and elastic clamping
- Infinitely adjustable throat depth (TWV)

Various design versions:

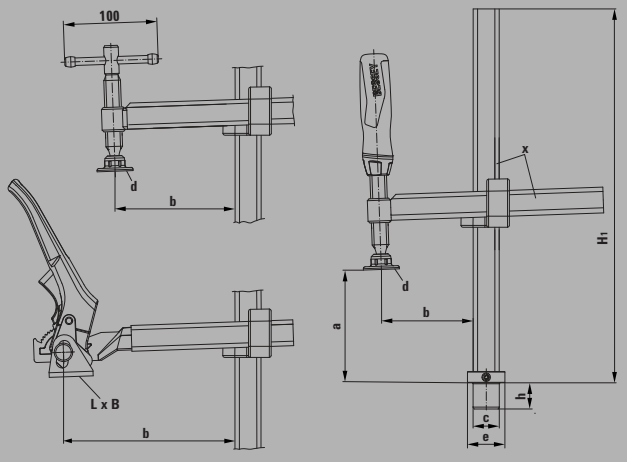
- High quality 2-component plastic handle and tommy bar with rounded ends – each with smooth-running trapezoidal threaded spindle and tool-free pressure plate replacement
- Lever handle with an indexing mechanism for controlled, fast and vibration-proof clamping

Clamping element with fixed throat depth TW



№	Ø	Clamping height max.	↔b↔	↔x↔			€
	mm	mm	mm	mm	kg	qty.	V3
TW16-20-10-2K	16	200	100	22 x 8.5	0.93	1	37,20
TW16-20-10K	16	200	100	22 x 8.5	0.86	1	37,20
TW16-20-10H	16	200	100	22 x 8.5	1.01	1	66,40

3D CAD data for download at www.bessey.de



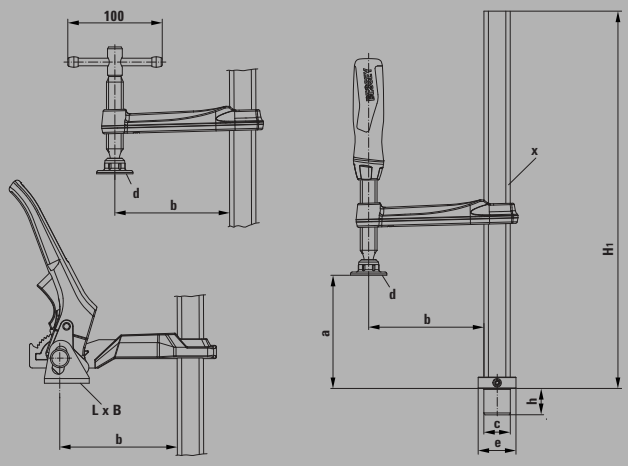


Table of dimensions

	Bolt Ø "c"	Bolt height "h"	Clamping height max. "a"	Throat depth "b"	Height of base "H1"	Pressure plate dimensions "L x B"	Pressure plate dimensions Ø "d"	Foot "F" Foot Ø "e"	Foot "F" Foot height	Rail profile
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
TWV16-20-15-2K	16	20.5	200	30-150	265	–	32	30	10	22 x 8.5
TWV16-20-15K	16	20.5	200	30-150	265	–	32	30	10	22 x 8.5
TWV16-20-15H	16	20.5	200	60-150	265	41 x 26	–	30	10	22 x 8.5
TW16-20-10-2K	16	20.5	200	100	265	–	32	30	10	22 x 8.5
TW16-20-10K	16	20.5	200	100	265	–	32	30	10	22 x 8.5
TW16-20-10H	16	20.5	200	100	265	41 x 26	–	30	10	22 x 8.5

Clamping elements for multifunction tables

■ For using the BESSEY toggle clamps on multifunction tables such as Festool MFT and Sortimo WorkMo with hole diameter of 20 mm and plate thickness of min. 19 mm to max. 25 mm

STC accessory set for multifunction table

№	Contents/pc.	Suitable for	kg	qty.	€ V3
STC-SET-T20	1 x Cylindrical screw DIN 912 M 8 x 35 1 x Lock pin D 20 x 17 1 x Knurled nut M 8	STC-HH50 STC-HH70 STC-IHH25 STC-VH50	0.09	6	10,70

■ For using the BESSEY toggle clamps on multifunction tables such as Festool MFT and Sortimo WorkMo with hole diameter of 20 mm and plate thickness of min. 19 mm to max. 25 mm

STC accessory set for multifunction table

№	Contents/pc.	←a→ mm	Automatic adjustment mm	appr.	kg	qty.	€ V3
STC-HH50-T20	1 x STC-HH50 + 1 x STC-SET-T20	40	35	2,500	0.47	6	37,40
STC-HH70-T20	1 x STC-HH70 + 1 x STC-SET-T20	60	35	2,500	0.51	6	38,10
STC-IHH25-T20	1 x STC-IHH25 + 1 x STC-SET-T20	35	13	2,500	0.54	6	38,80
STC-VH50-T20	1 x STC-VH50 + 1 x STC-SET-T20	40	35	2,500	0.52	6	37,40

Toggle Clamp Systainer STC-S-MFT

№	Contents/pc.	kg	qty.	V3
STC-S-MFT	4 x horizontal toggle clamp STC-HH50 2 x push-pull toggle clamp STC-IHH25 6 x adapter STC-SET-T20 2 x all-steel table clamp GTR12	5.71	1	348,70

- Multi-functional Systainer for installation technicians
- With wood insert including 20 holes
- And 3 different clamping options