Clamping wooden frames, rafters and beams

Strong clamping with versatility

The BESSEY rafter clamp is the essential professional tool for roof and wood constructions.

Its movable sliding arm means it can employed as a beam clamp at a moment's notice: Simply drive in the point, close the clamp, clamp it up to a high pressure – and that's all!

Rafter clamp SPZ – the versatile professional tool for roof and wooden constructions.

Rafter clamps

Your benefits at a glance:

1 **Hammer-in tip**
First of all, the tip is driven into the rafter. The clamp is then quickly closed, to allow you to start right away with powerful clamping.

2 **Broad impact surface**
The broad impact surface makes it easier to drive in the clamp.

3 **Special tilting pressure plate**
With the SPZ 80 K, the special tilting pressure plate ensures problem-free clamping even when working with sloping parts. It can be tilted by up to 35°.

4 **Sturdy hexagonal bolt**
The SPZ 80 K's tough hexagonal bolt allows powerful yet controlled tightening, with the help of a torque wrench.

Rafter clamp SPZ

№	←a→	←b→	←x→	⚖	▢	€
	mm	mm	mm	kg	qty.	V2
SPZ60K	600	120	27 x 13	2.90	5	98,20
SPZ80K	800	140	30 x 15	5.00	2	153,70

- Clamping force up to 12,000 N
- For all roofing and timber frame constructions
- SPZ 80 K with 17 mm hexagonal bolt and heat-resistant pressure plate with sintered steel insert, which can be tilted up to 35°

Special pressure plate

№	Description	Suitable for	€
			V3
3100736	Standard	SLM, SGM, SGTM, STBM, STBVC, SGU, SLV, GSV, SPZ80K	20,30
3101192	Serrated	SLM, SGM, SGTM, STBM, STBVC, SGU, SLV, GSV, SPZ80K	22,80
3101193	V-grooved	SLM, SGM, SGTM, STBM, STBVC, SGU, SLV, GSV, SPZ80K	22,80

3101219	Cutting ring	SLV, GSV, SPZ80K	22,20

Anti-slip clamping with the cutting ring pressure plate

- Long life due to heat-resistant pressure plate with sintered steel insert, which can be tilted up to 35°
- Three design versions:
- Smooth faced (standard version)
- Rough faced for secure clamping on dirty surfaces
- V-groove face for round, oval and edged workpieces

Lightweight clamps

Rapid, gentle clamping

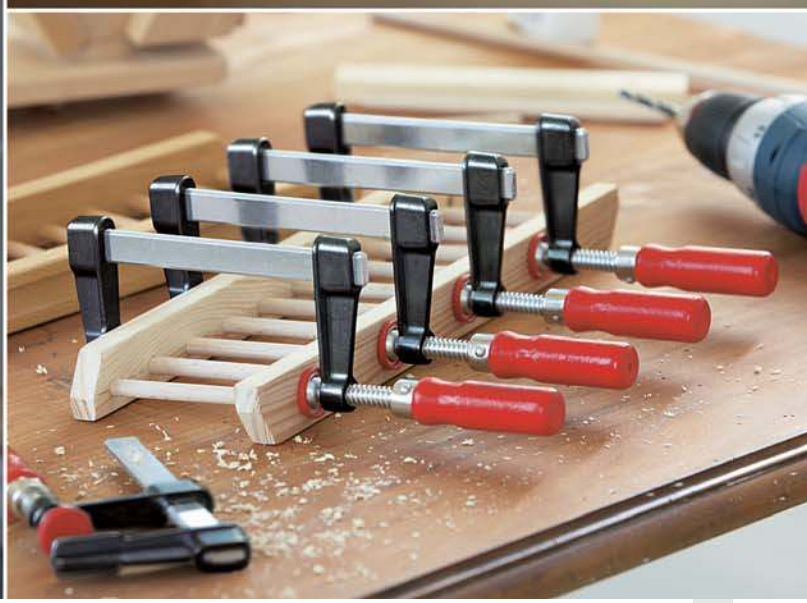
The generation of high-tech clamps

Thanks to BESSEY's continuous development work, new innovative clamping tools are appearing all the time. Produced from the highest-quality materials, using state-of-the-art techniques. Today, the focus is no longer on the clamping pressure – the key now is to come up with the most intelligent solution. A perfect example of high-tech clamps is the innovative KliKlamp: it is easy to handle, light and convenient, making it the first choice every time for light to medium clamping pressures. It is suitable for professional and home use – from modelling to furniture construction, from plastic to Plexiglass. Incidentally, you will find some more lightweight clamps on the next few pages. Especially for rapid and gentle clamping!

The KliKlamp KLI – feather light yet ultra strong and ideal for both professional and home use.

The Wood Klemmy HKL – made from hardwood for quick, simple clamping.

Lightweight clamps



The lightweight clamp made of magnesium

Light as a feather – tough as nails

Extremely lightweight, stable magnesium, fibre-glass reinforced plastics, and cold-drawn BESSEY quality steel: this optimum mixture is characteristic of the innovative high-tech KliKlamp lever clamp. That's why the smallest KliKlamp weighs just a tiny 260 g – simply ideal for assembly work or where several clamps are being used at once. The pressure is also built up easily and highly effectively: the ratchet mechanism lets you achieve a huge 1,200 N of clamping force quickly with just 2 fingers. You certainly will never have clamped as quickly, easily or as gently as this!

Your benefits at a glance:

1 Sturdy magnesium
The surface-coated upper and lower sections made from sturdy magnesium are extremely light and strong.

2 Multi-stage ratchet mechanism
The multi-stage ratchet mechanism is easy to operate, vibration-resistant, particularly easy to control, and can be released quickly.

3 A secure hold
The fixed arm with the crossed v-grooves holds round, pointed or angular components firmly in place. This is part of what makes the KliKlamp so versatile.

4 Ergonomically shaped clamping arm
The ergonomically shaped clamping arm made from fibreglass-reinforced polyamide is breakproof and fits very snugly in the hand. That's quality of the highest calibre.

Lightweight clamps

High-tech lever clamp KliKlamp KLI

№	↔a↔	↔b↔	↔x↔			€
	mm	mm	mm	kg	qty.	V3
KLI12	120	80	20 x 5	0.26	6	22,30
KLI16	160	80	20 x 5	0.29	6	23,00
KLI20	200	80	20 x 5	0.32	6	23,60
KLI25	250	80	20 x 5	0.35	6	24,60
KLI30	300	80	20 x 5	0.38	6	25,40
KLI40	400	80	20 x 5	0.45	10	27,30

- Clamping force up to 1,200 N
- Feather light yet ultra strong
- Sturdy fixed and sliding arms made from lightweight magnesium
- Quick and vibration free clamping
- On carded hang pack

High-tech lever clamp KliKlamp set in systainer KLI-S

№	Contents/pc.			€
		kg	qty.	V3
KLI-S	per 4 x KLI12 / KLI16 / KLI20 / KLI25	6.44	1	437,40

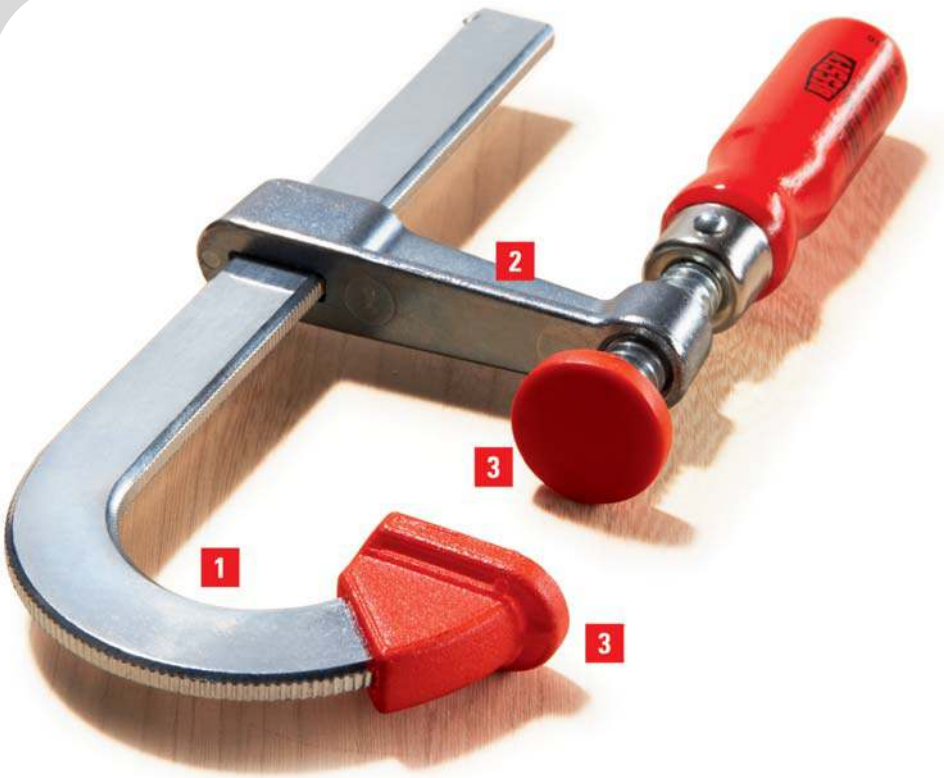
- Practical systainer T-Loc, stackable
- Ideal for assembly work

High-tech lever clamp KliKlamp counter display KLI-D

№	Contents/pc.			€
		kg	qty.	V3
KLI-D	2 x KLI12 / 4 x KLI16 / 6 x KLI20 / 4 x KLI25	5.63	1	376,60

- Professional sales display
- Optimum presentation of the KliKlamp

Small and very handy – U-Style

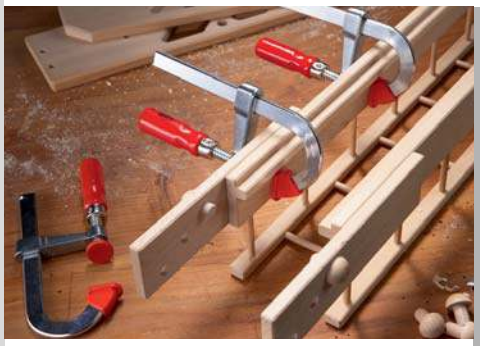


Your benefits at a glance:

1 Step-over clamping U-shape
The rail is made of quality steel drawn in a single piece for durability and strenght. The U-shape of the rail enables step-over clamping up to 20 mm so you can get to those hard-to-reach places.

2 Sliding arm
The sliding arm is made of die-cast zinc. It is light, stable and break-resistant.

3 Protective caps
Particularly sensitive workpieces are effectively protected thanks to the protective caps. For all-round gentle clamping.



- Clamping force up to 1,500 N
- Step-over clamping
- Comes with two protective caps
- Small and easy to handle
- Light weight

Light duty bar clamp U-style LMU

№	←a→	←b→	←x→			€
	mm	mm	mm	kg	qty.	V1
LMU10/5	100	50	15 x 5	0.23	24	7,90
LMU15/5	150	50	15 x 5	0.27	24	8,10
LMU20/5	200	50	15 x 5	0.31	24	8,50

The Light duty bar clamp U-style LMU will be delivered in an attractive sales presenter. Sale to dealers in packaging units only.

Lightweight clamps

Die-cast zinc screw clamp LM

№	↔a↔	↔b↔	↔x↔			€
	mm	mm	mm	kg	qty.	V1
LM10/5	100	50	15 x 5	0.26	10	9,40
LM15/5	150	50	15 x 5	0.27	10	9,60
LM20/5	200	50	15 x 5	0.31	10	9,70
LM25/5	250	50	15 x 5	0.35	10	10,90
LM30/5	300	50	15 x 5	0.37	10	11,00
LM15/8	150	80	20 x 5	0.51	10	15,40
LM20/8	200	80	20 x 5	0.55	10	16,20
LM25/8	250	80	20 x 5	0.60	10	16,90
LM30/8	300	80	20 x 5	0.64	10	17,30
LM20/10	200	100	25 x 6	0.90	10	25,60
LM25/10	250	100	25 x 6	0.95	10	26,50
LM30/10	300	100	25 x 6	1.02	10	27,50
LM40/10	400	100	25 x 6	1.10	10	29,40
LM50/10	500	100	25 x 6	1.24	10	31,20
LM60/10	600	100	25 x 6	1.30	10	33,50
LM80/10	800	100	25 x 6	1.58	10	36,50

- Clamping force up to 2,000 N
- Clamping arms manufactured in toughened die cast zinc black powder coated to prevent chemical corrosion
- Comes with protective cap
- Small and easy to handle
- Light weight

Wood Klemmy HKL

№	↔a↔	↔b↔	↔x↔			€
	mm	mm	mm	kg	qty.	V1
HKL20	200	110	20 x 5	0.32	10	13,00
HKL30	300	110	20 x 5	0.46	10	14,40
HKL40	400	110	20 x 5	0.54	10	16,10
HKL60	600	110	20 x 5	0.70	10	18,30
HKL80	800	110	20 x 5	0.86	10	19,40
HKL100	1000	110	20 x 5	1.00	10	20,80

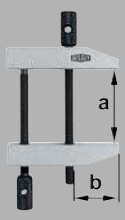
- Upper and lower arms and lever made from high-quality hardwood
- Cork pads for gentle clamping

Aluminium mini clamp AM

№	↔a↔	↔b↔			€
	mm	mm	kg	qty.	V3
AM4	47	34	0.06	10	5,40

- Ideal for modelling and hobbyists
- Low weight of just 55 g

Parallel screw clamp PA

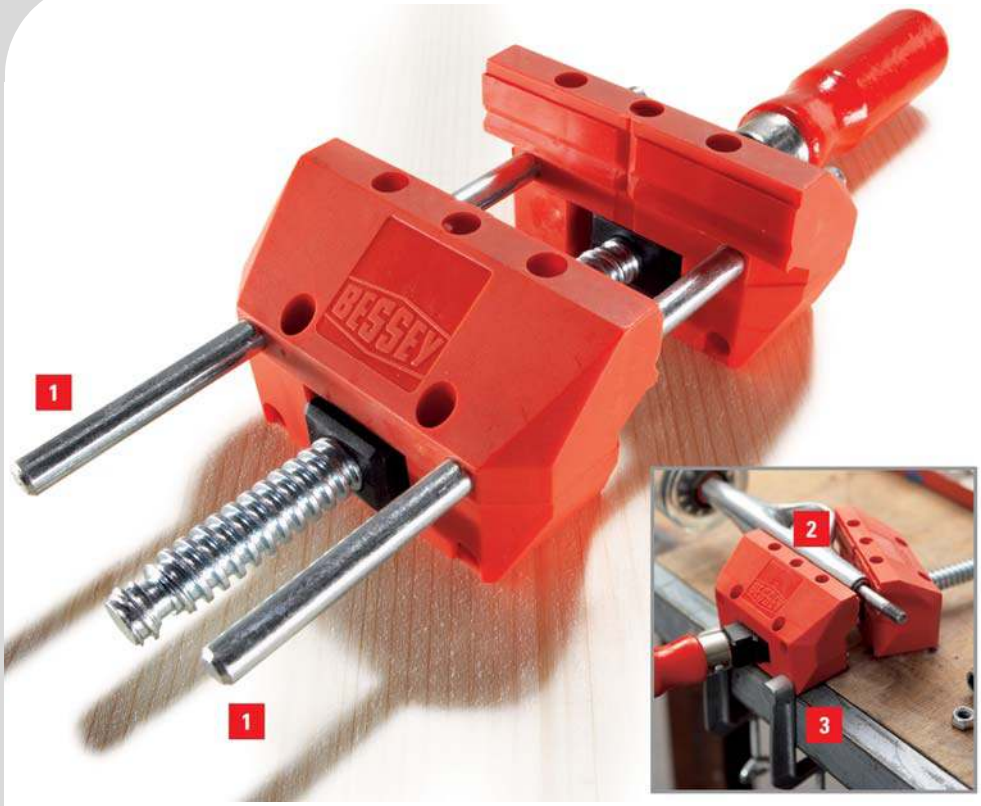


№	↔a↔	↔b↔			€
	mm	mm	kg	qty.	V3
PA28	36	19	0.08	1	11,00
PA40	46	26	0.10	1	13,30
PA55	60	35	0.18	1	16,50
PA70	87	50	0.43	1	22,70
PA105	116	72	0.92	1	30,60

- Twin spindles
- Precisely parallel positioning of the jaw faces

Table vice

The exciting all-rounder for everyone



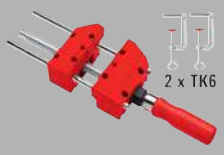
Your benefits at a glance:

1 Parallel clamping
With guide rods, the mini vice S 10 is ideal for parallel clamping.

2 Clamping at an angle
When used without guide rods, the screw clamp S 10 is ideal for clamping at an angle.

3 Easily mounted
Two clips for quick and simple attachment to a table edge.

- Low weight
- Parallel clamping with guide rods
- Clamping at an angle without guide rods (max. 25°)
- Easy to attach, with 2 table clips supplied
- On carded hang pack



Mini Vice S 10

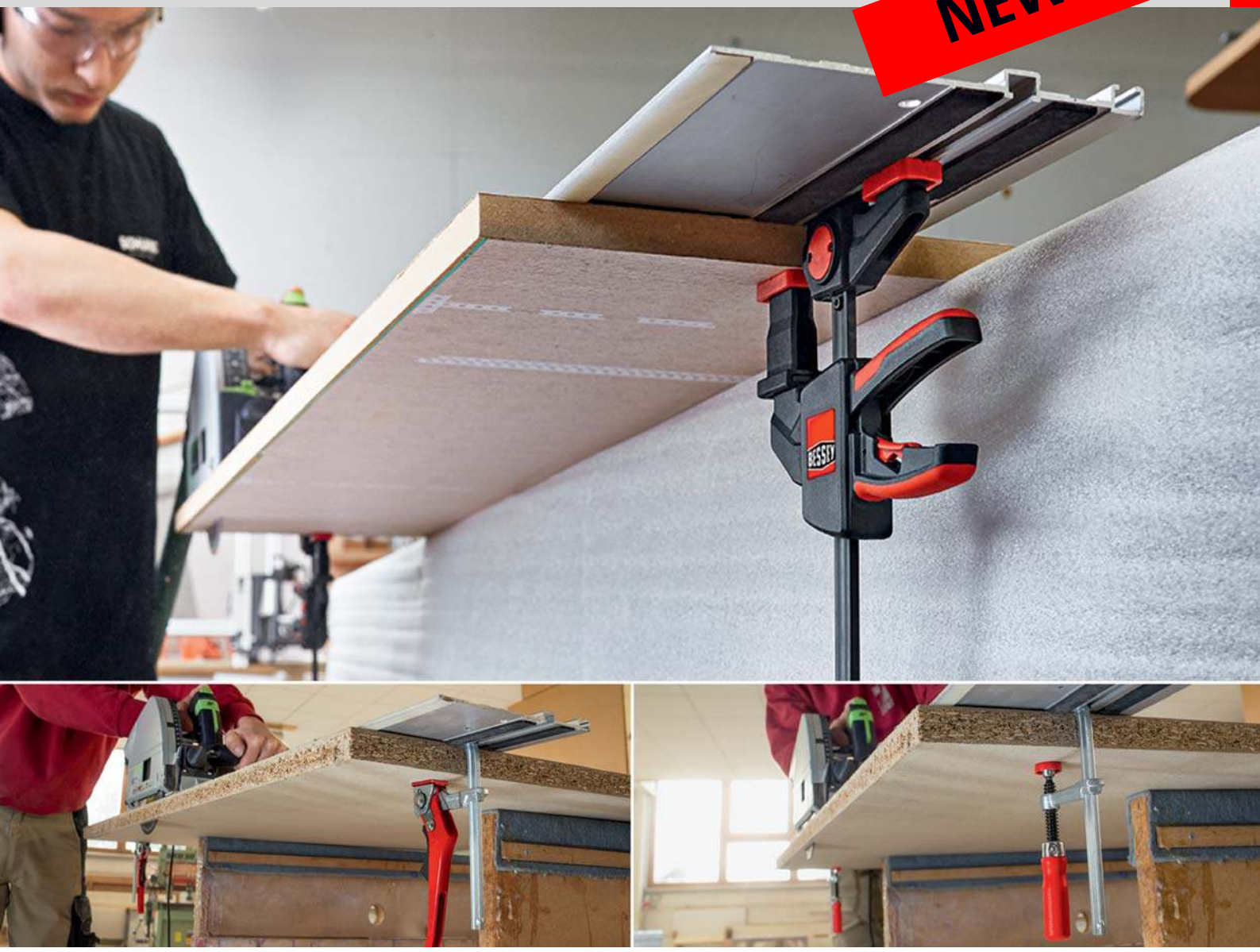
№	↔a↔				€
	mm	mm	kg	qty.	V3
S10-ST	100	90	0.83	10	24,60

- Especially for DIY applications and domestic appliances
- Special accessory for angle clamps WS 3/WS 6, screw clamp S 10 and K Body REVO parallel clamps KRE/KREV and KR/KRV to hold them to a work surface edge

Table clamp

№	∅	↔a↔	↔b↔			€
	mm	mm	mm	kg	qty.	V3
TK6	8	60	22	0.10	10	4,10
RB269	8	60	28	0.19	1	8,70
LM10/5R8	8	100	50	0.22	1	19,90

An ideal clamp for guide rails and workbenches

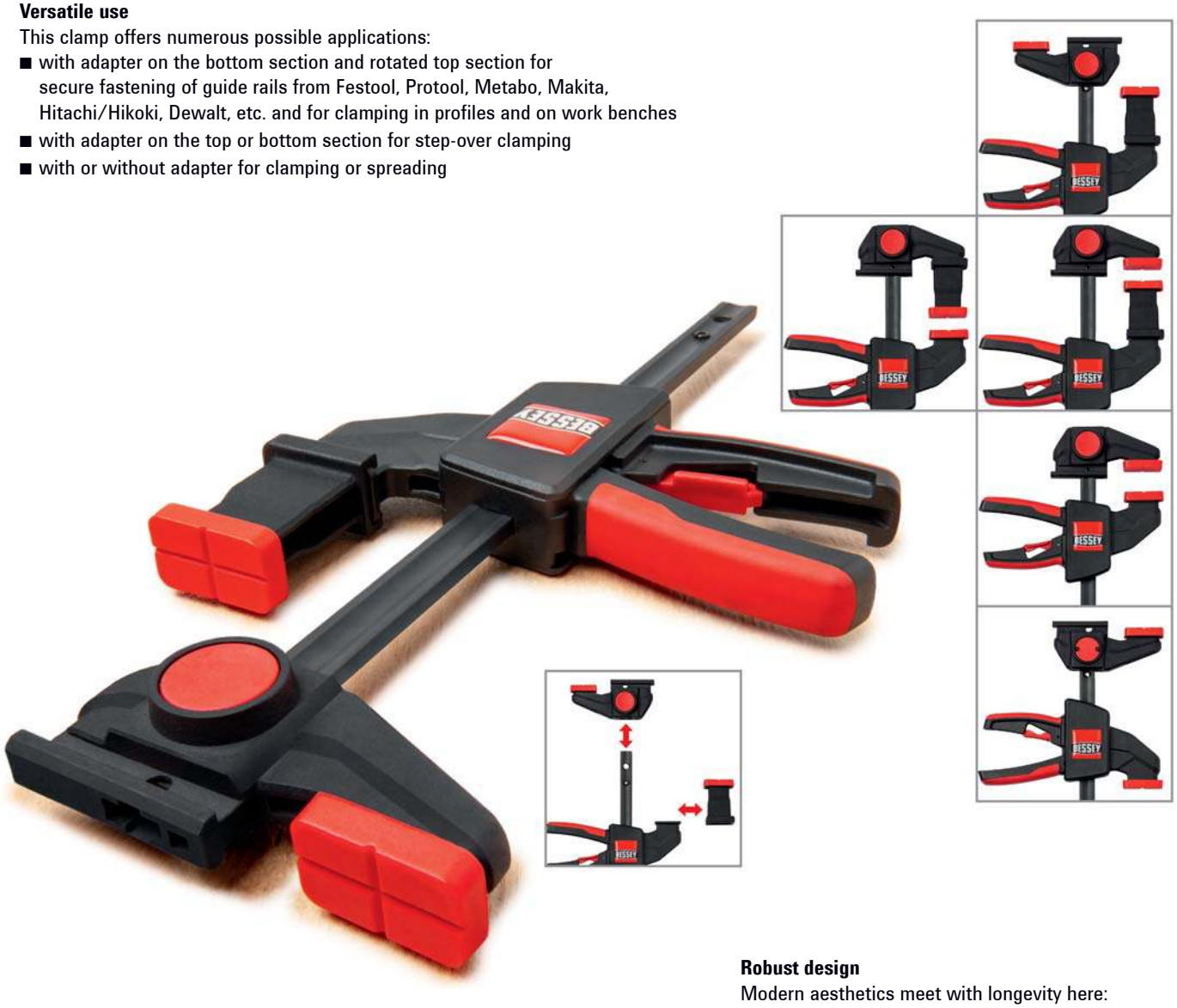


All good things come in threes!

Sawing, cutting, grinding and other precision tasks require reliable fastening. BESSEY has developed its all-steel table clamps GTR with wooden grip and GTRH with lever handle especially for guide rails. But that's not all. As a one-handed clamp specialist, with the EZR BESSEY offers a very special table clamp design. Because the clamps deliver far more than just convenient one-handed use. Due to the various connection options of the top section and adapter, the EZR clamps can be used not only for their specific purpose but also further applications too. They can also perform normal clamping and spreading tasks, and comprehensively so. Try them out for yourself!

One clamp with x possibilities

Versatile use
This clamp offers numerous possible applications:
- with adapter on the bottom section and rotated top section for secure fastening of guide rails from Festool, Protool, Metabo, Makita, Hitachi/Hikoki, Dewalt, etc. and for clamping in profiles and on work benches
- with adapter on the top or bottom section for step-over clamping
- with or without adapter for clamping or spreading



Convenient technology
Ergonomic and safe handling, thanks to sophisticated technology:
- due to the high quality 2-part plastic grip with pump lever behind the rail for safe access from both directions
- due to the release handle integrated in the grip for quick adjustment of the sliding bar and for releasing the clamp
- due to the cross prism integrated in the plastic protective caps for the secure fastening of round, pointed and angular pieces

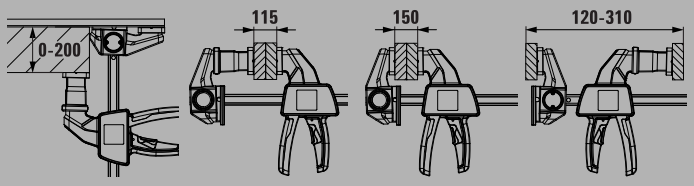
Robust design
Modern aesthetics meet with longevity here:
- due to the use of high-quality materials, such as fibreglass-reinforced polyamide for the top and bottom, as well as hardened, tempered, and burnished steel for the profiled rails
- due to the plastic housing, the grip mechanism is protected from dust and chips

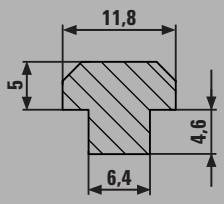
Table clamps

NEW

One-handed table clamp EZR

№	↔a↔	↔b↔	↔e↔	↔x↔	Contents/ pc.			€
	mm	mm	mm	mm		kg	qty.	V3
EZR15-6SET	150	60	120-310	14 x 5	2 x EZR15-6	0.62	8	39,50





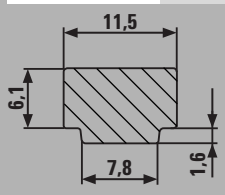
- With special guide on the top section for grooves 12 x 6.5 mm to 12 x 8 mm
- Use with adapter on the bottom section and rotated top section for secure fastening of guide rails from Festool, Protool, Metabo, Makita, Hitachi/ Hikoki, Dewalt, etc. and for clamping in profiles and on work benches
- Use with adapter on the top or bottom section for step-over clamping
- Use with or without adapter – for clamping or spreading
- Clamping force up to 750 N
- Ergonomically shaped 2-part plastic handle with pump lever behind the rail
- On carded hang pack

All-steel table clamp GTR

№	↔a↔	↔b↔	↔x↔	Contents/pc.			€
	mm	mm	mm		kg	qty.	V2
GTR12	120	60	13.5 x 6.5	-	0.30	10	16,50
GTR12SET	120	60	13.5 x 6.5	2 x GTR12	0.61	5	33,00
GTR16B6	160	60	13.5 x 6.5	-	0.32	10	17,90
GTR30B6	300	60	13.5 x 6.5	-	0.40	10	20,10

All-steel table clamp GTRH with lever handle

№	↔a↔	↔b↔	↔x↔			€
	mm	mm	mm	kg	qty.	V2
GTR16S6H	160	60	13.5 x 6.5	0.53	10	43,10



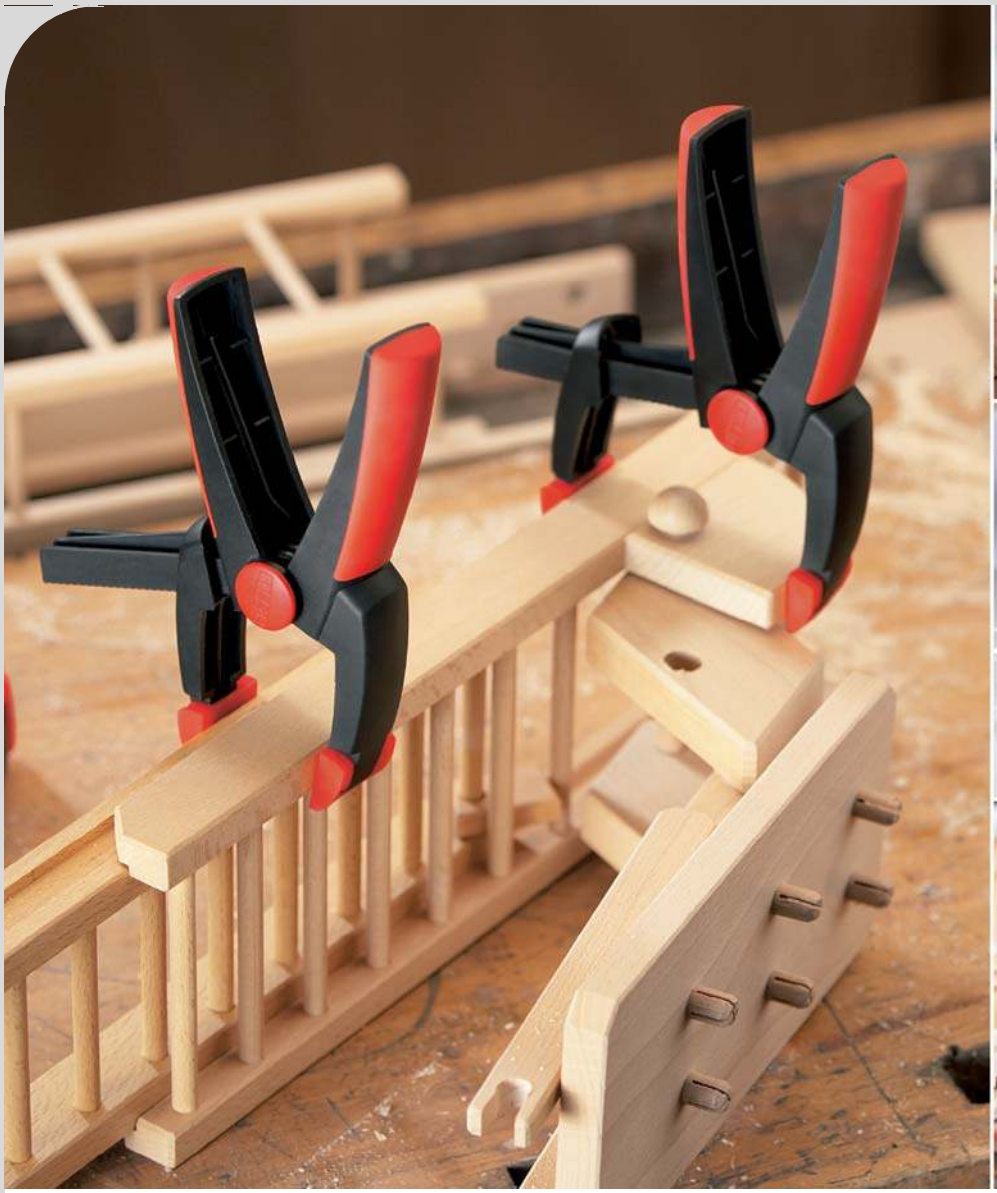
- Specially forged fixed arm for 12 x 8 mm grooves
- For secure fastening of guide rails from Festool, Protool, Metabo, Makita, Hitachi/Hikoki, etc. and for clamping in profiles as well as work tables

- GTR: Clamping force up to 1,800 N
- Ergonomically shaped wooden handle
- GTR12SET: On carded hang pack

- GTRH: Rapid – up to 5 times faster than conventional clamps
- Secure – unaffected by vibrations
- Strong – clamping force up to 2,400 N

Spring clamps

For flexible, featherlight clamping



Convenient clamping with constant clamping pressure

BESSEY's spring clamps are small... but rather special. That's because they lie perfectly in the hand, guaranteeing ease of handling. Even with large opening widths, powerful, constant one-handed clamping is always possible. And the infinitely variable adjustment and protective caps mean that even the most delicate workpieces receive effective protection. After all, size isn't everything!

VarioClippix XV – suitable for one-handed use even at the maximum opening width of 170 mm.

Clippix XC – particularly easy to handle and suitable for all applications.

Spring clamps

Spring clamp VarioClippix XV

№	←a→		←b→				€
	mm	"	mm	"	kg	qty.	V3
XV3-50	55	2	37	1 1/2	0.07	12	6,50
XV5-100	100	4	50	2	0.17	12	8,10

- Variable opening width up to 100 mm, yet can be operated with one hand
- Lightweight, functional and easy to handle
- Extremely sturdy
- On carded hang pack

Spring clamp VarioClippix XV

№	←a→		←b→				€
	mm	"	mm	"	kg	qty.	V3
XV5-170	170	6 1/2	50	2	0.19	12	8,90

- Variable opening width up to 170 mm, yet can be operated with one hand
- Lightweight, functional and easy to handle
- Extremely sturdy
- On carded hang pack

Spring clamp Clippix XC

№	←a→		←b→		Contents/ pc.			€
	mm	"	mm	"		kg	qty.	V3
XC1	20	3/4	20	3/4	-	0.01	10	1,40
XC1-SET	20	3/4	20	3/4	7 x XC1	0.06	12	5,60
XC2	25	1	30	1 1/8	-	0.02	10	2,10
XC3	35	1 3/8	37	1 1/2	-	0.05	10	2,90
XC5	50	2	50	2	-	0.12	10	4,30
XC7	75	3	70	2 3/4	-	0.18	10	5,70

- Lightweight, functional and easy to handle
- Extremely sturdy
- On carded hang pack

Needle nose spring clamp Clippix XCL

№	←a→		←b→		Contents/ pc.			€
	mm	"	mm	"		kg	qty.	V3
XCL2	55	2 1/8	60	2 3/8	-	0.02	10	3,20
XCL2-SET	55	2 1/8	60	2 3/8	2 x XCL2	0.04	24	5,50
XCL5	70	3	110	4 1/4	-	0.14	10	4,80

- Long, pointed clamping arm for working in tight spaces
- Large throat depth for clamping in borderless areas
- Soft, slip-proof grip pads
- On carded hang pack

Clamping frames and curves

For even clamping on both sides without warping or skewing of the workpiece

Clamping curves, polygonal connections and closed contours are traditionally some of the most difficult clamping jobs. BESSEY has come up with a startling solution to this problem: in the form of the patented band clamp BAN 700, and the practical Vario corners. These two products are suitable for all those situations where gentle, non-warping, all-round clamping is needed. Universally applicable. For wood and plastic as well as in metal construction. Secured by an automatic locking system that ensures even tractive forces on both sides, which do not slacken until the clamp is released. No warping – no stress!

The band clamp BAN 700 and the Vario corners BVE – the perfect pair for gentle, non-warping clamping.

Band clamps

Band clamp BAN 700

№	Clamping range	Band w x d				€
		mm		kg	qty.	V3
BAN700	Up to 7 m	25 x 1	60°-180°	0.56	5	43,10

- Even pressure on mitre joints
- Crank handle can be relocated for right and left-handed users
- Contains: 1 band clamp, 4 Vario corners
- On carded hang pack

Band clamp BAN 400

№	Clamping range	Band w x d			€
		mm	kg	qty.	V3
BAN400	Up to 3.8 m	24 x 1	0.48	12	28,70

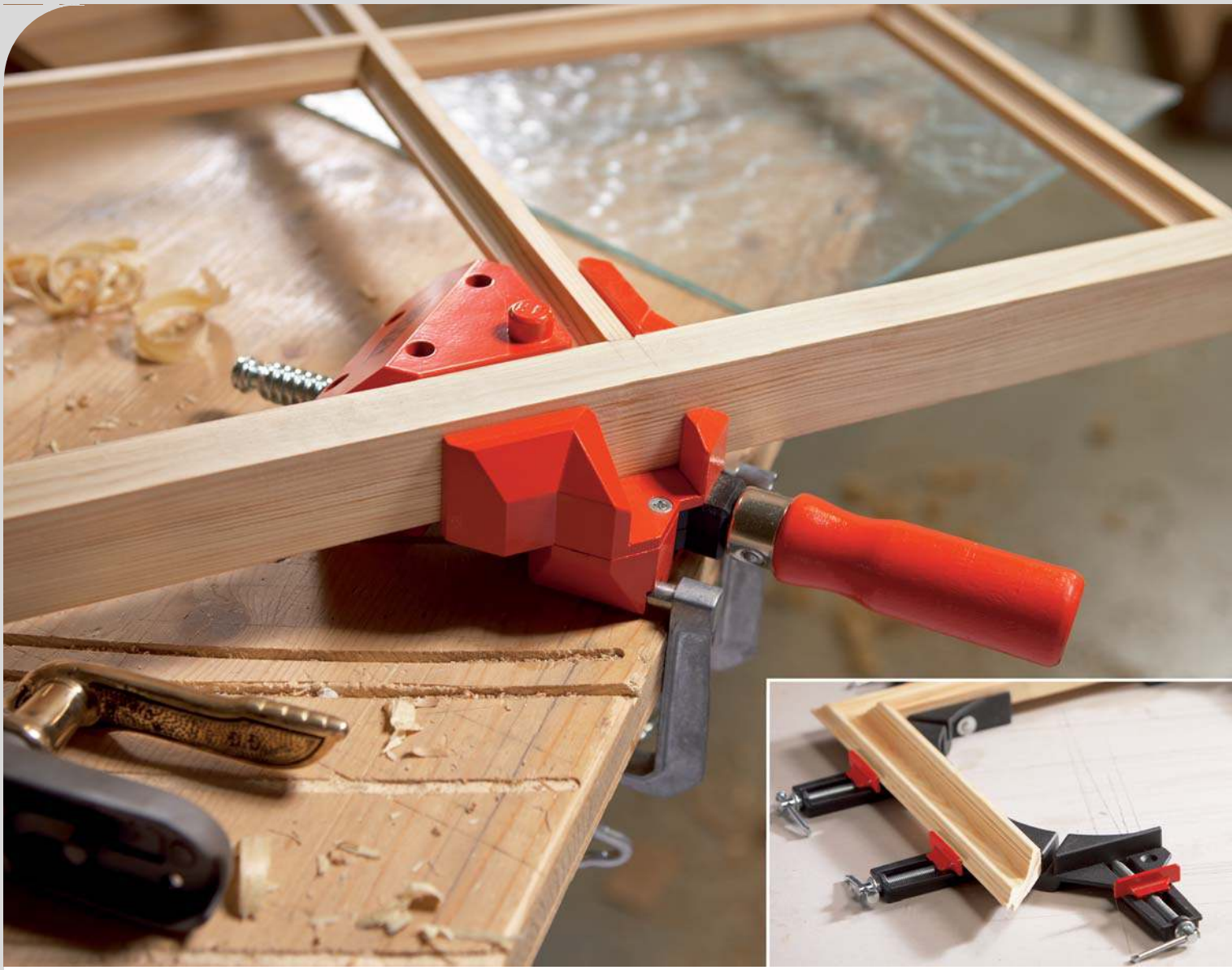
- Clamp right-angled workpieces with 4 plastic corners
- Even pressure at all 4 corners
- On carded hang pack

Vario corners BVE (6 pcs./bag)

№	Band w x d		Suitable for			€
	mm			kg	qty.	V3
BVE	25 x 1	60°-180°	BAN700, BAN400	0.10	5	12,80

- Infinite angle adjustment from 60-180°
- On carded hang pack

Clamping angles and mitres



For all the toughest tasks

Clamping workpieces of different thicknesses, clamping directly into a mitre joint, clamping all kinds of angles: BESSEY has developed top-class-special tools for solving all of these challenging clamping tasks. Whether angle clamps, mitre clamps or irregular angle clamps – we know what you really need!

The angle clamp WS – clamping workpieces of different thicknesses in a perfect right angle.

Angle and mitre clamps

Angle clamp WS

№	↔a↔		Current passage max.			€
	mm	mm	mm	kg	qty.	V3
WS3	2 x 55	30	30	1.00	10	53,90
WS6	2 x 100	36	60	2.30	4	77,30

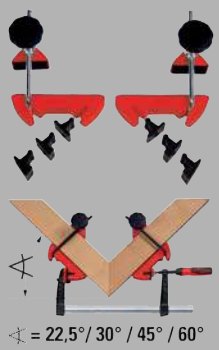
- Automatic adjustment to variously-sized workpieces
- Quick – clamp with a spindle
- Stable body
- For attaching with table clamp – available as an accessory
- WS 3 – on carded hang pack

Angle clamp WS

№	↔a↔				€
	mm	mm	kg	qty.	V3
WS1	2 x 73	12	0.20	12	8,50

- Clamp variously-sized workpieces with 2 spindles
- For light clamping work
- Made from die-cast zinc
- On carded hang pack

Mitre clamping system MCX

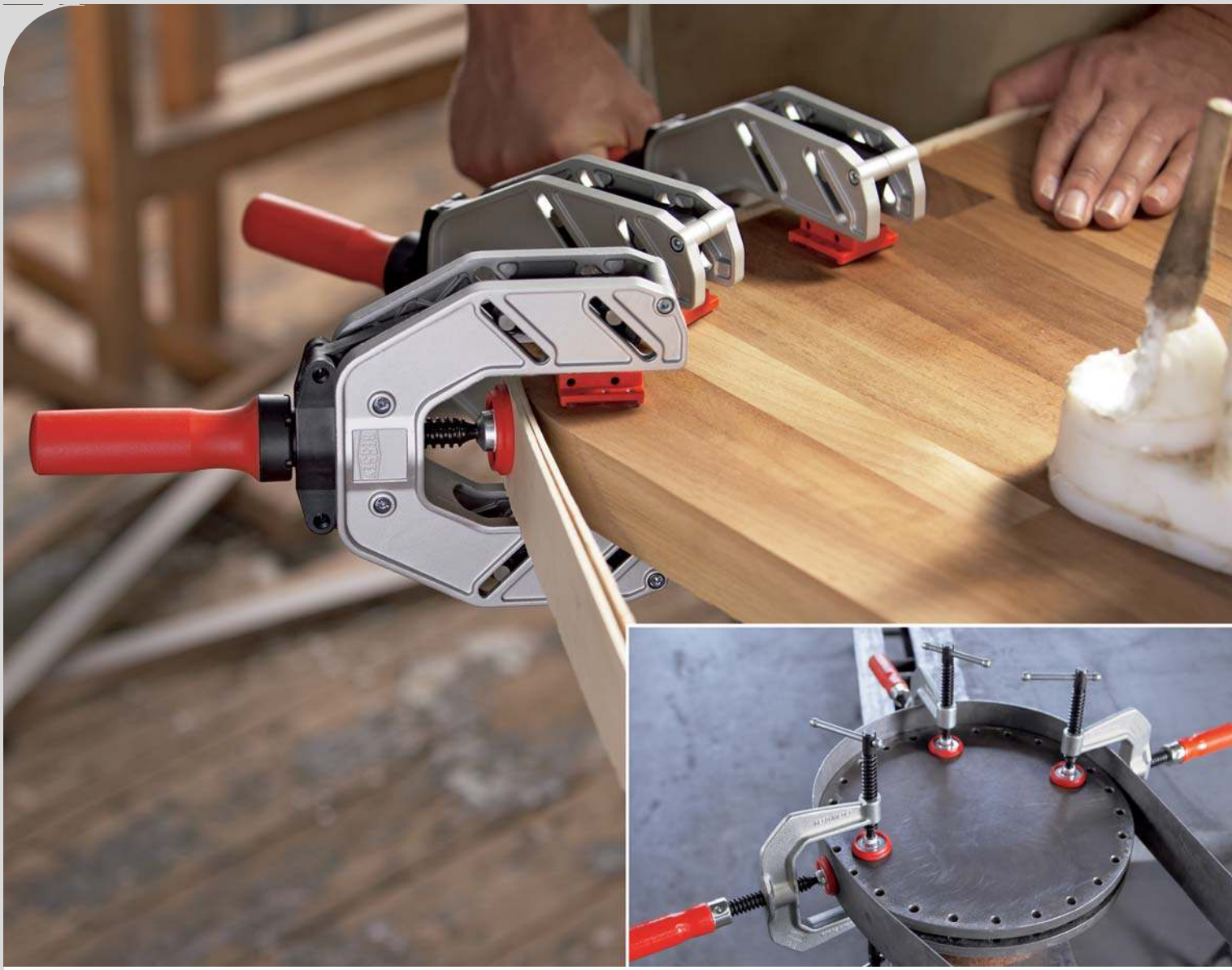


∢ = 22,5°/ 30° / 45° / 60°

№	↔a↔	∢			€
	mm		kg	qty.	V3
MCX	100	22.5°/30°/45°/60°	0.70	1	34,30

- Mitre system for 22.5°, 30°, 45° and 60°angles
- Even pressure on the mitre
- Angle adapter can be changed without tools
- Practical accessory for BESSEY screw clamps TG,GZ, GMZ, EHZ, EZS and DUO

For all edge clamping needs



Complete specialised tasks easily

Special tasks and applications often require the use of special tools. Which is why, for edge clamping,

BESSEY has come up with a series of light, easy-to-handle edge clamps. Also available for one-handed operation if required. Specially developed to make your day-to-day work even easier!

The one-handed edge clamp EKT – ideal for applying multi-layered edge strips with just one hand.

The edge clamp KT8-3 – a C-frame that is robust for heavy duty and high clamping pressures.

Edge clamps

Your benefits at a glance:

1 Unique twin spindle
The outer spindle acts on the clamping jaws. The inner spindle applies pressure to the front edge. And the impact resistant plastic handle for one-handed use means that any task or application is well within your grasp.

2 Large jaws
Non-slip, gentle clamping. Max. opening distance: 55 mm. The large jaws with integrated colourless soft plastic caps increase the versatility of the clamp.

3 Swivel pressure plate
The large pressure plate will swivel to apply pressure wherever it is required.

4 Light aluminium housing
Lightweight yet highly effective. The statically-optimised aluminium housing creates a corrosion-resistant body for the convenient, one-handed edge clamp EKT.

One-handed edge clamp EKT

- For rapid one-handed operation
- Low weight
- Opening up to 55 mm

№	↔a↔	↔b↔			€
	mm	mm	kg	qty.	V3
EKT55	10-55	45	0.82	1	61,70

Edge clamp Kantenfix KF

- For quick one-handed operation
- Widths up to 80 mm

№	↔a↔	↔b↔			€
	mm	mm	kg	qty.	V3
KF2	10-40	80	0.76	4	60,50
KF4	10-80	110	1.48	4	130,20

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Edge clamps

- Practical accessory for clamping edges and difficult to reach areas
- Suitable for conventional screw clamps with a max. rail thickness of 13 mm

Edge clamp KT

№	Description	kg	qty.	V1
KT5-1CP	1 spindle	0.35	1	14,70
KT5-2	2 spindles	0.58	1	23,50

- Three-spindle C-frame clamp
- Extra strong, with forged frame
- Universally applicable within the fields of wood and metal processing
- Suitable for welding

C-frame edge clamp KT

№	←a→ mm	←b→ mm	kg	qty.	V3
KT8-3	0 - 80	80	2.37	5	86,00

- Load-bearing capacity 75 kg
- For the safe lifting and carrying of panels such as wood sheets, chipboard panels, glass and plexiglass
- High-friction rubber coating on the moving clamping jaws

Panel carrier KFP

№	←a→ mm	kg	qty.	V3
KFP	10-65	1.01	2	113,50

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