

All-steel screw clamps

Resilient strength



The inspiration for many innovative clamping tools is now even better!

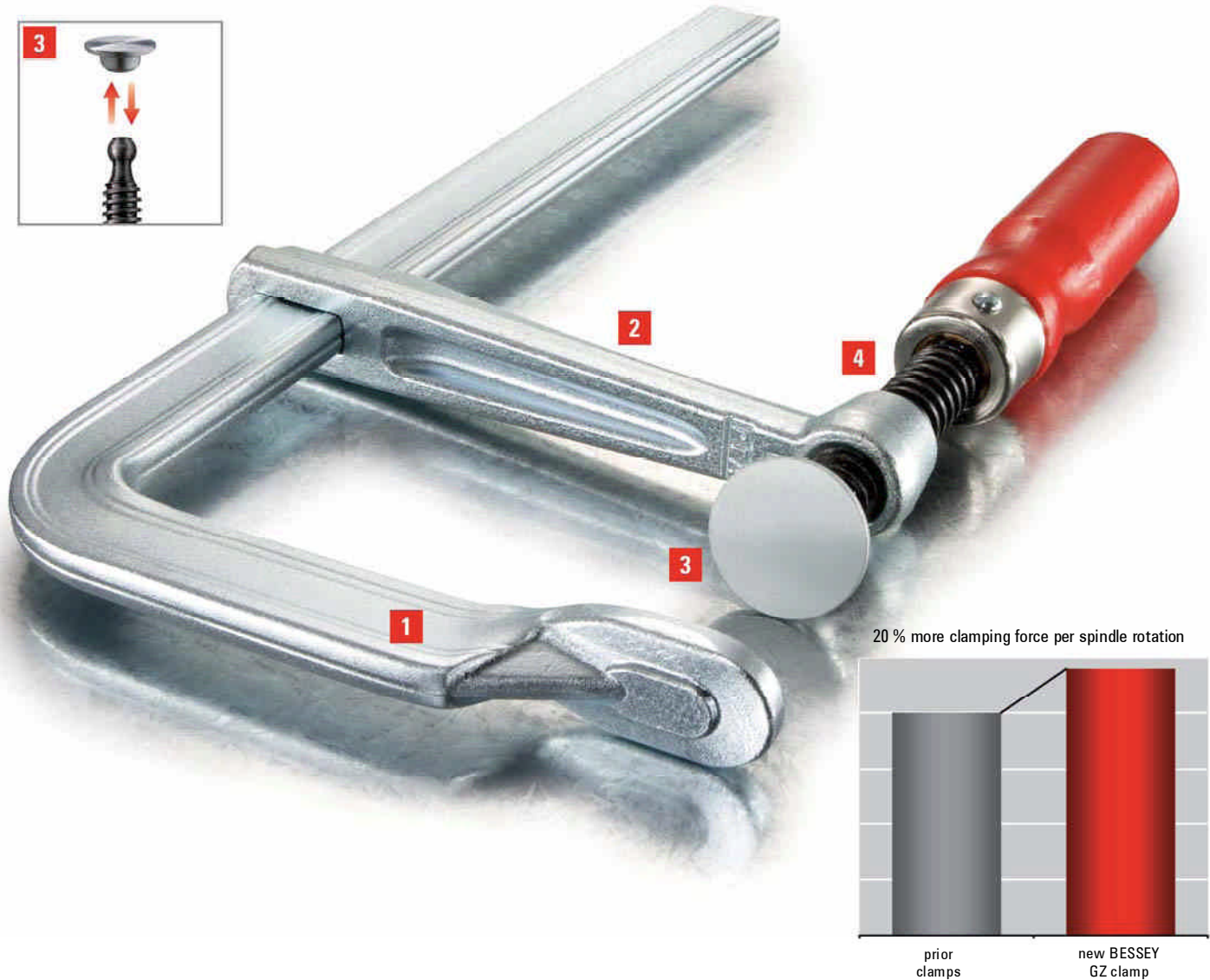
The original BESSEY all-steel screw clamps are the perfect step up from the original BESSEY malleable cast iron screw clamps. They clamp resiliently and elastically, making them an essential aid when you want your tools to cover a wide range of applications. In addition, the all-steel screw clamp is a model for many other innovative BESSEY clamping tools – e.g. lever clamps, high-performance clamps, area pressure clamps, one-

handed clamps and rafter clamps. BESSEY has now stepped up to the challenge and brought the all-steel screw clamp range, which has been manufactured almost unchanged since 1952, right up to date. On the one hand, rail profiles and sliding arms have been optimised, and on the other hand, all of the models have been equipped with replaceable pressure plates. This means the new original BESSEY all-steel screw clamps are able to help you work more quickly, powerfully and flexibly – try them out for yourself!

The all-steel screw clamp GZ – Universally applicable, for everything from wood to metal.

Whether you choose the BESSEY Best-Comfort-System, the wooden handle or the tommy bar, any task is now well within your grasp.

BESSEY's unrivalled all-steel quality



Your benefits at a glance:

1 High stability

The optimised profile guarantees high clamping force build-up in the shortest time, while maintaining maximum stability and safety. The fixed bracket and pressure plate are manufactured in a single piece, and tempered, so are able to bear heavy loads and are resistant to torsion.

2 Forged sliding arm

The sliding arm has a new shape that allows for more efficient transfer of force. As a result of its more linear transfer of force, the new U-shaped sliding arm offers maximum security with the heaviest of loads. You can rely on that.

3 Pressure plate

For enhanced serviceability the pressure plate can be changed quickly and easily with no need for tools. It can be replaced very easily and quickly with a special larger-surface pressure plate or one made of stainless steel.

4 Smooth-running spindle

The surface-coated spindle with acme thread is particularly smooth-running, and does not bind. For even smoother, more efficient work.

Light, easy to handle and strong

Whether you choose the **BESSEY Best-Comfort-System** or the wooden handle, you're guaranteed satisfaction if you opt for an original BESSEY all-steel screw clamp. Especially thanks to BESSEY unique quality steel. With BESSEY you can be sure of an extremely high-quality, durable clamping tool which is also light and easy-to-handle. Even at the high clamping force, it will retain its dimensions and resist distortion. So in future, if you are looking for a powerful, flexible clamping effect, then what you need is a BESSEY all-steel screw clamp!

All-steel screw clamps



- 20 % more clamping force per spindle rotation with optimised rail profile
- Maximum security with linear transfer of force at the sliding arm
- Clamping force up to 5,500 N
- High-quality 2-component plastic handle
- Pressure plates can be replaced by hand – no need for tools (from 80 mm width)
- Fixed jaw and sliding arm are constructed of tempered steel for resilient clamping



- 20 % more clamping force per spindle rotation with optimised rail profile
- Maximum security with linear transfer of force at the sliding arm
- Clamping force up to 5,500 N
- Fixed jaw and sliding arm are constructed of tempered steel for resilient clamping
- Tommy bar with rounded ends for simple transfer of force when clamping
- Pressure plates can be replaced by hand – no need for tools (from 80 mm width)



NEW

Original BESSEY all-steel screw clamp GZ with BESSEY Best-Comfort-System



№	←a→	←b→	←x→	⚖	📦	VB 0002
	mm	mm	mm	kg	qty.	
GZ10-2K	100	60	15 x 6	0,19	10	
GZ12-2K	120	60	15 x 6	0,29	10	
GZ16-2K	160	80	17,5 x 6,8	0,48	10	
GZ20-8-2K	200	80	17,5 x 6,8	0,50	10	
GZ40-8-2K	400	80	17,5 x 6,8	0,67	10	
GZ20-2K	200	100	22 x 8,5	1,44	10	
GZ25-10-2K	250	100	22 x 8,5	0,90	10	
GZ30-10-2K	300	100	22 x 8,5	1,02	10	
GZ40-10-2K	400	100	22 x 8,5	1,10	10	
GZ50-10-2K	500	100	22 x 8,5	1,24	10	
GZ25-2K	250	120	24,5 x 9,5	1,25	10	
GZ30-12-2K	300	120	24,5 x 9,5	1,38	10	
GZ40-12-2K	400	120	24,5 x 9,5	1,54	10	
GZ50-12-2K	500	120	24,5 x 9,5	1,70	10	
GZ60-12-2K	600	120	24,5 x 9,5	1,90	5	
GZ80-12-2K	800	120	24,5 x 9,5	2,20	5	
GZ100-12-2K	1000	120	24,5 x 9,5	2,45	5	
GZ30-2K	300	140	28 x 11	1,85	10	
GZ40-2K	400	120	28 x 11	2,00	10	
GZ50-2K	500	120	28 x 11	2,20	5	
GZ60-2K	600	120	28 x 11	2,40	5	
GZ80-2K	800	120	28 x 11	3,16	5	
GZ100-2K	1000	120	28 x 11	3,65	5	
GZ125-2K	1250	120	28 x 11	4,26	1	



NEW

Original BESSEY all-steel screw clamp GZ with tommy bar



№	←a→	←b→	←x→	⚖	📦	VB 0002
	mm	mm	mm	kg	qty.	
GZ16K	160	80	17,5 x 6,8	0,46	10	
GZ20K	200	100	22 x 8,5	0,83	10	
GZ25K	250	120	24,5 x 9,5	1,20	10	
GZ30K	300	140	28 x 11	1,79	10	
GZ40K	400	120	28 x 11	1,95	10	
GZ50K	500	120	28 x 11	2,17	5	
GZ60K	600	120	28 x 11	2,37	5	
GZ80K	800	120	28 x 11	3,10	5	
GZ100K	1000	120	28 x 11	3,58	5	
GZ125K	1250	120	28 x 11	4,17	1	

You will find accessories on Page 92

All-steel screw clamps



NEW

Original BESSEY all-steel screw clamp GZ with tried-and-tested wooden handle



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
GZ10	100	60	15 x 6	0,19	10	
GZ12	120	60	15 x 6	0,29	5	
GZ20-6	200	60	15 x 6	0,34	5	
GZ30-6	300	60	15 x 6	0,41	10	
GZ16	160	80	17,5 x 6,8	0,48	10	
GZ20-8	200	80	17,5 x 6,8	0,50	10	
GZ20	200	100	22 x 8,5	1,36	10	
GZ30-10	300	100	22 x 8,5	1,02	10	
GZ25	250	120	24,5 x 9,5	1,25	10	
GZ30-12	300	120	24,5 x 9,5	1,38	10	
GZ40-12	400	120	24,5 x 9,5	1,54	10	
GZ30	300	140	28 x 11	1,85	10	
GZ40	400	120	28 x 11	2,00	10	
GZ50	500	120	28 x 11	2,20	5	
GZ60	600	120	28 x 11	2,40	5	
GZ80	800	120	28 x 11	3,16	5	
GZ100	1000	120	28 x 11	3,65	5	
GZ125	1250	120	28 x 11	4,26	1	



- 20 % more clamping force per spindle rotation with optimised rail profile
- Maximum security with linear transfer of force at the sliding arm
- Clamping force up to 5,500 N
- Fixed jaw and sliding arm are constructed of tempered steel for resilient clamping
- Ergonomically shaped handles
- Pressure plates can be replaced by hand – no need for tools (from 80 mm width)



NEW

Original BESSEY all-steel screw clamp GZ with attached clamping force indicator FIN



№	←a→	←b→	red / green	←x→	⚖	📦	VB0002
	mm	mm	kN	mm	kg	qty.	
GZ20-2K-FIN	190	100	2,5	22 x 8,5	0,86	10	
GZ25-2K-FIN	240	120	2,5	24,5 x 9,5	1,25	10	
GZ30-2K-FIN	290	140	3,5	28 x 11	1,85	10	
GZ40-2K-FIN	390	120	3,5	28 x 11	2,00	10	
GZ50-2K-FIN	490	120	3,5	28 x 11	2,20	5	
GZ60-2K-FIN	590	120	3,5	28 x 11	2,40	5	



NEW

Original BESSEY all-steel screw clamp GZ with attached clamping force indicator FIN



№	←a→	←b→	red / green	←x→	⚖	📦	VB0002
	mm	mm	kN	mm	kg	qty.	
GZ20K-FIN	190	100	2,5	22 x 8,5	0,86	10	
GZ25K-FIN	240	120	2,5	24,5 x 9,5	1,25	10	
GZ30K-FIN	290	140	3,5	28 x 11	1,85	10	
GZ40K-FIN	390	120	3,5	28 x 11	2,00	10	
GZ50K-FIN	490	120	3,5	28 x 11	2,20	5	
GZ60K-FIN	590	120	3,5	28 x 11	2,40	5	

Additional characteristics for the GZ-2K and GZK:

- Great clamping safety comes from better information if one can see that the defined clamping force has not been reached
- Green zone approx. 2,500 N and 3,500 N clamping force
- Red zone approx. < 2,500 N and 3,500 N clamping force
- Tool-less conversion between clamping force indicator and standard pressure plate

You will find accessories on Page 92

Lever clamps

Clamping with leverage



Speed, safety and strength

The original BESSEY lever clamps are lightweight, easy to handle, dimensionally stable, and torsion-resistant. And the best thing is: they can clamp up to 5 x faster than conventional clamps. This is because they use the natural force of the lever,

meaning that with just a small amount of effort they can quickly produce large clamping pressures. This is particularly valuable in situations where many clamps have to be applied in a short time, with lower risk of loosening due to heavy vibration. Try it out!

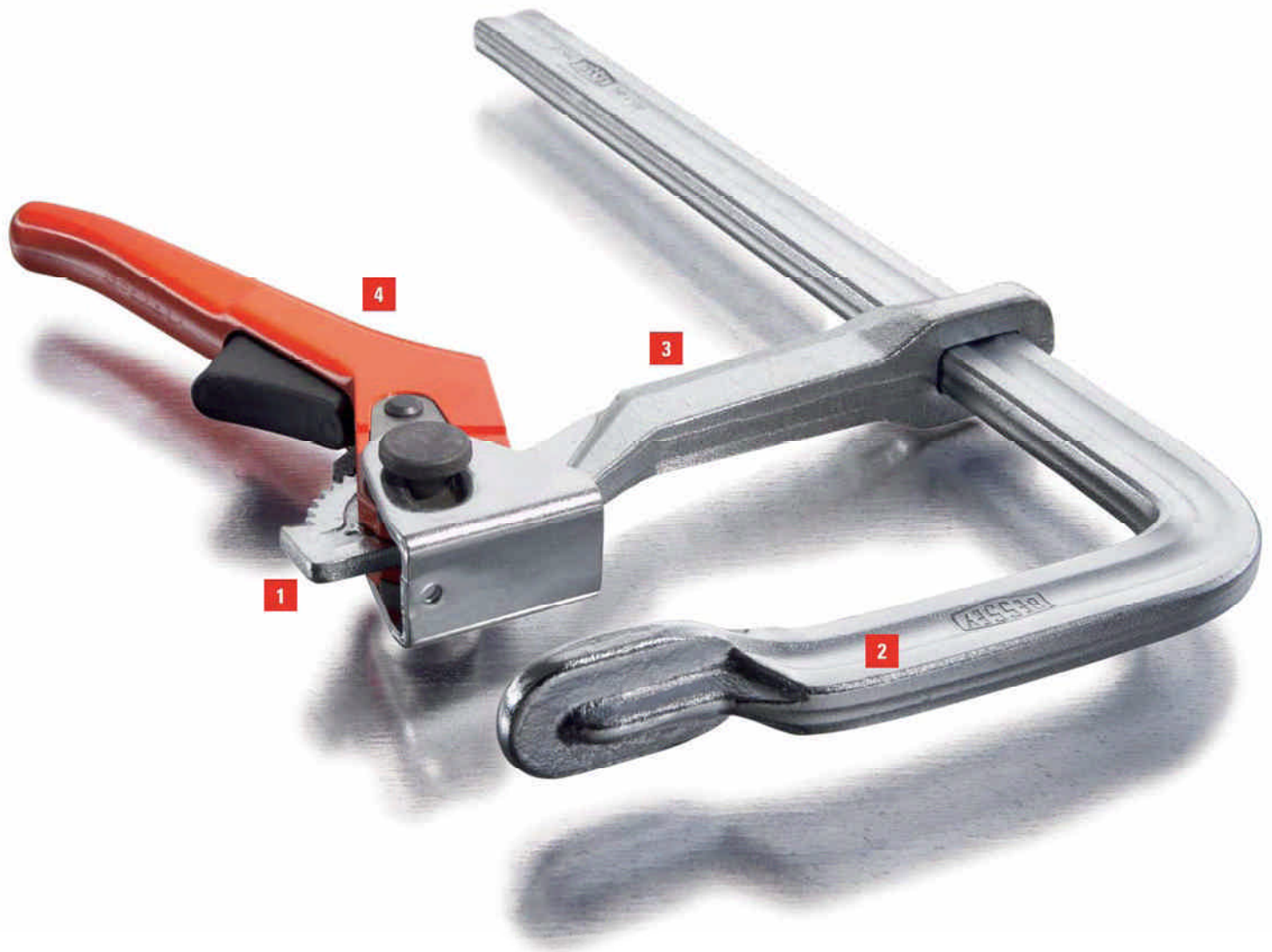
The lever clamp GH allows you to clamp up to 5 x faster than with conventional clamps.

The lever clamp GHS – easy to release in any position.



Lever clamps

Speed, safety and strength



Your benefits at a glance:

1 Secure ratchet mechanism

The ratchet mechanism ensures rapid, controlled, vibration-free clamping. A hardened cam at the end of the lever ensures a long service life.

2 Extremely sturdy

The fixed bracket and pressure plate are produced and tempered from a single piece, thus they are very torsion-resistant. This guarantees you maximum tensile strength and sturdiness.

3 Forged sliding arm

The sliding arm is serrated and made from tempered, drop-forged steel. For an extremely long service life.

4 Ergonomic clamping and release lever

The powder-coated clamping lever has a particularly ergonomic shape. The plastic-coated non-slip release lever provides a secure hold as you release the clamp.

Lever clamps



Lever clamp Synchro-Lock GHS



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
GHS25-12	250	120	25 x 12	2,18	10	
GHS30-12	300	120	25 x 12	2,24	10	
GHS40-12	400	120	25 x 12	2,60	10	
GHS60-12	600	120	25 x 12	3,00	5	

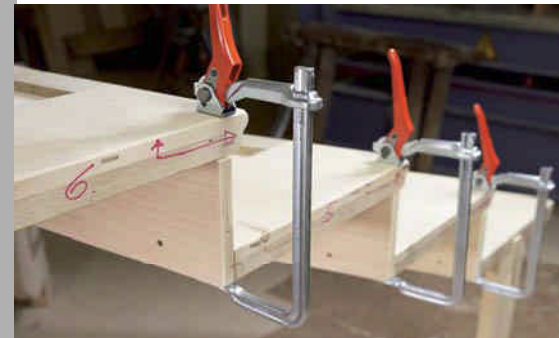
- Easy release in any position by means of two release mechanisms
- Quick – up to 5x faster than regular clamps
- Secure – vibration resistant
- Strong – high clamping force
- Clamping force up to 8,000 N



Lever clamp GH



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
G12H	120	60	13,5 x 6,5	0,49	10	
G16H	160	80	16 x 7,5	0,64	10	
G20S8H	200	80	16 x 7,5	0,68	10	
G20H	200	100	19,5 x 9,5	1,10	10	
G25S10H	250	100	19,5 x 9,5	1,20	10	
G30S10H	300	100	19,5 x 9,5	1,25	10	
G40S10H	400	100	19,5 x 9,5	1,40	10	
G50S10H	500	100	19,5 x 9,5	1,50	10	
G25H	250	120	22 x 10,5	1,44	10	
G30S12H	300	120	22 x 10,5	1,51	10	
G40S12H	400	120	22 x 10,5	1,75	10	
G30H	300	140	25 x 12	2,27	10	
G40H	400	120	25 x 12	2,40	10	
G50H	500	120	25 x 12	2,61	5	
G60H	600	120	25 x 12	2,83	5	
G80H	800	120	27 x 13	3,58	5	
G100H	1000	120	27 x 13	4,06	5	



- Quick – up to 5 times faster than regular clamps
- Secure – unaffected by vibrations
- Strong – high clamping force
- Non-slip trigger release
- Clamping force up to 8,000 N



Lever clamp SGHS, heavy duty

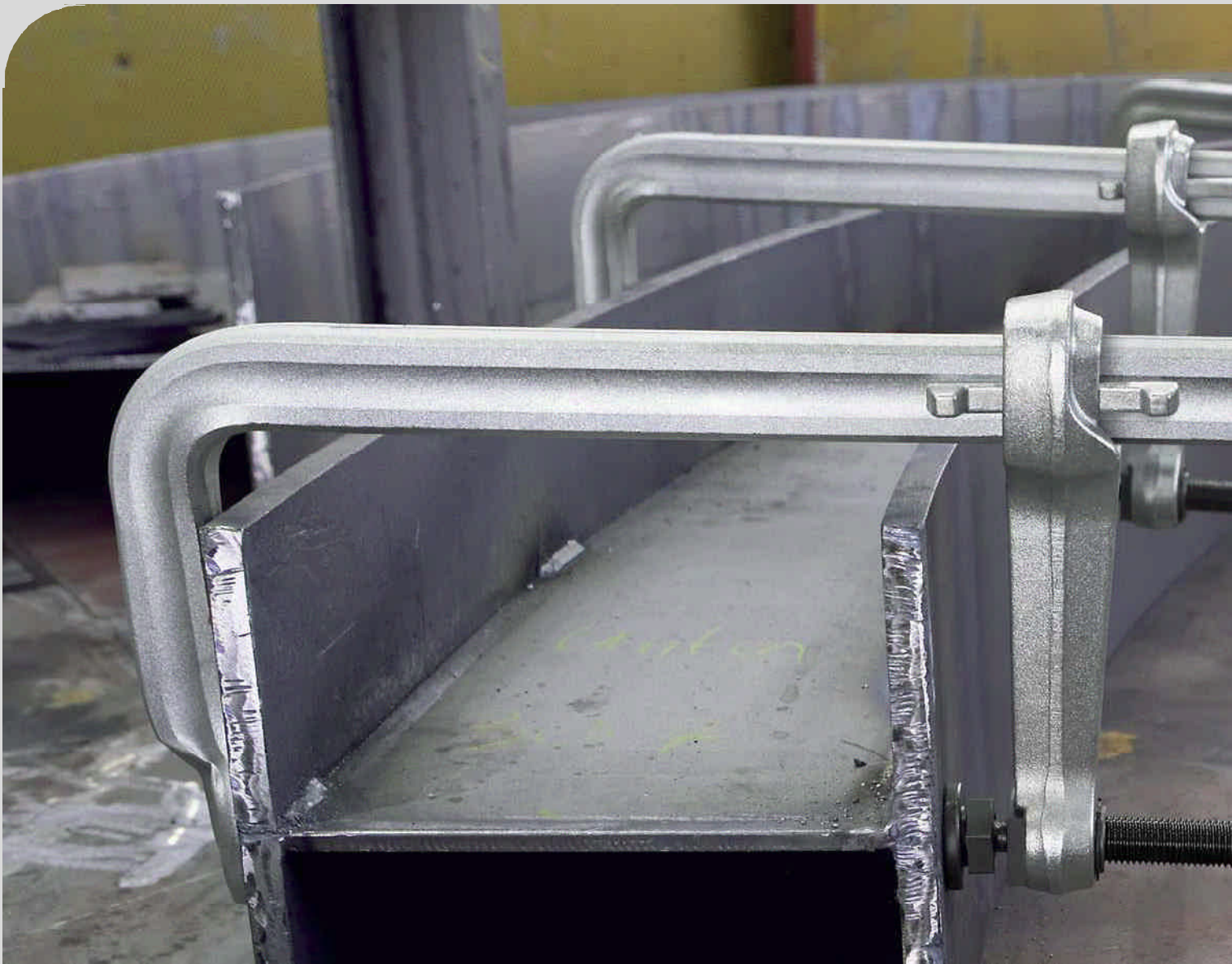


№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
SG-25HS	250	140	30 x 15	3,05	5	
SG-50HS	500	140	30 x 15	3,83	5	

- Heavy design
- Rapid – up to 5 x faster than conventional clamps
- Secure – vibration resistant
- Strong – clamping force up to 9.500 N

High-performance clamps

High-performance clamping

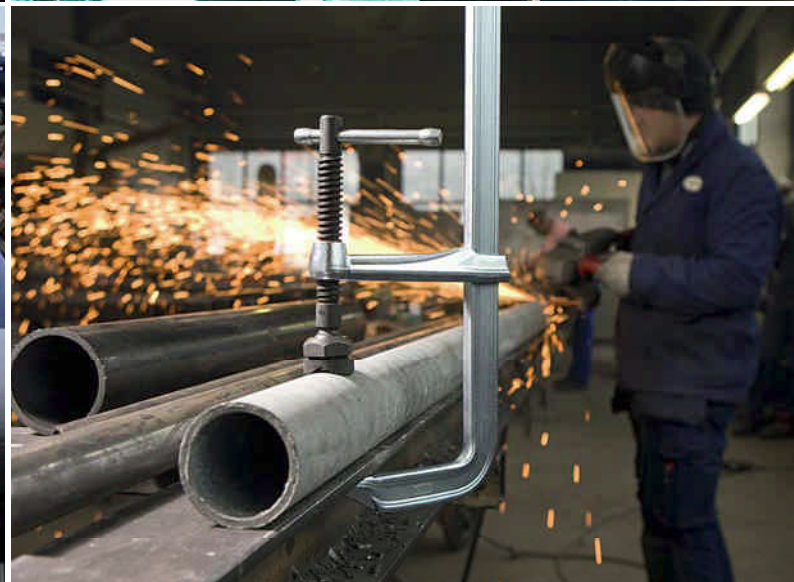
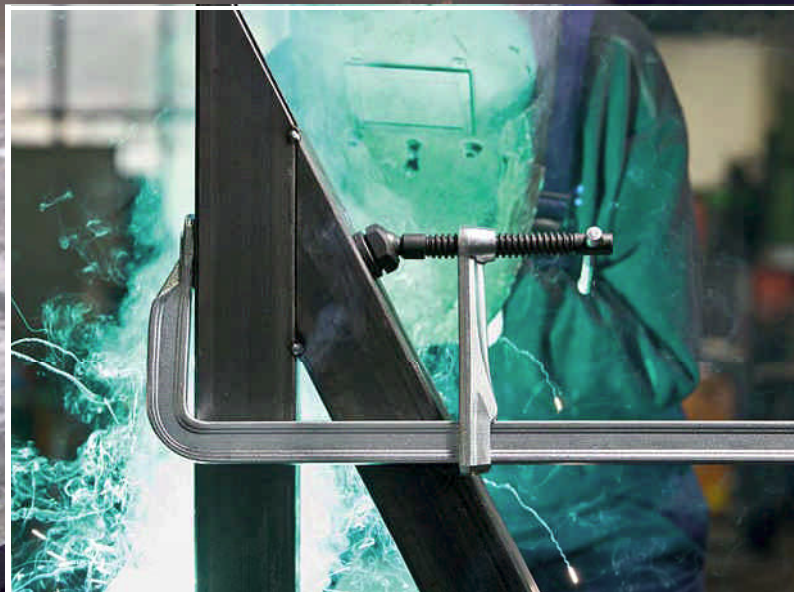


Clamping force of up to 40,000 N

Increasingly high clamping pressures with larger throat depths and wider openings. These are the daily requirements of the original BESSEY high performance clamps. Applications include steel fabrication, welding, shipbuilding and automotive manufacturing as well as heavy timber

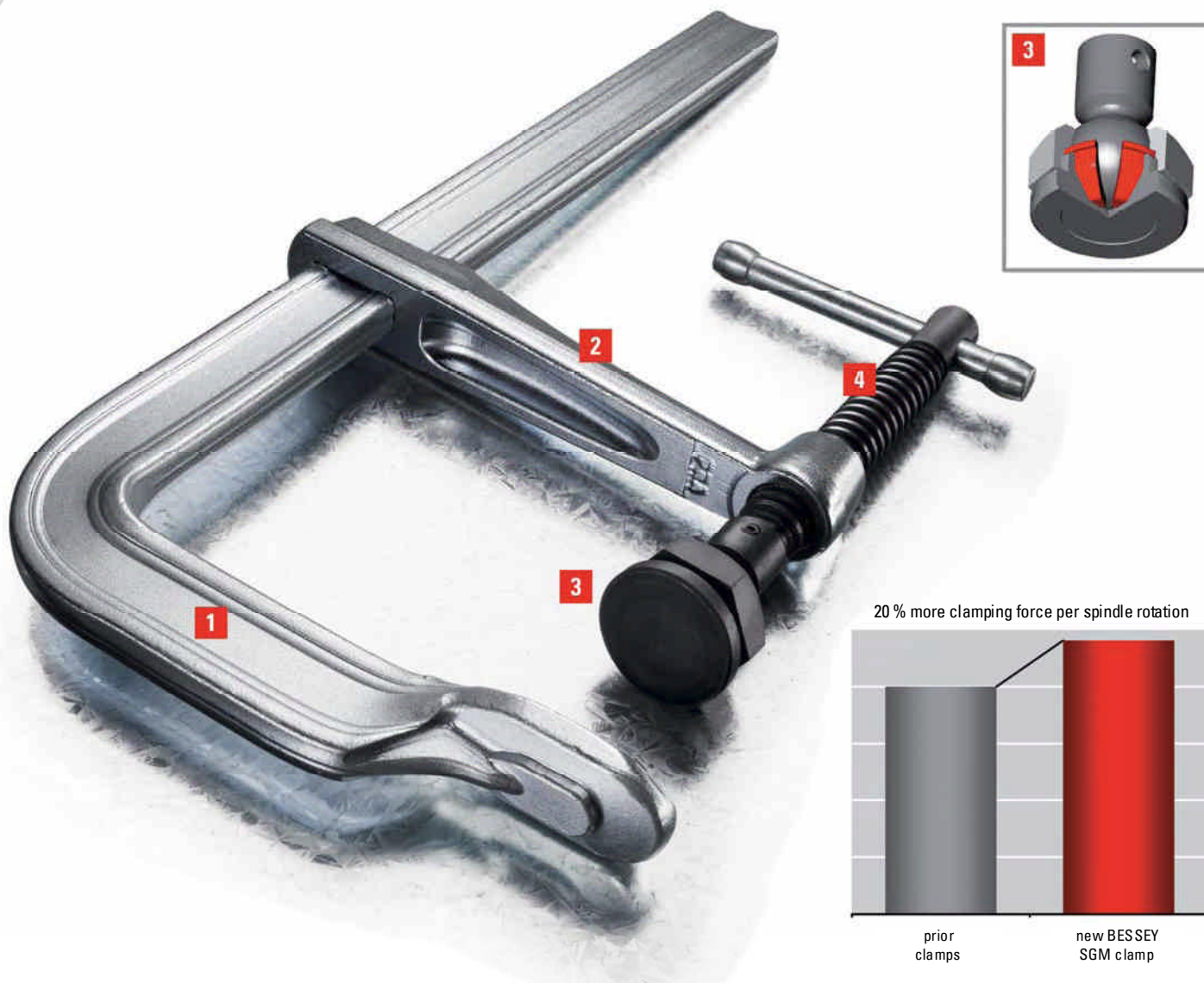
construction, wood laminations and general carpentry. In other words, wherever sturdy or heavy parts need to be clamped securely and with high clamping pressure. Developed on the basis of the tried-and-tested BESSEY all-steel screw clamp, the original BESSEY high-performance clamps fulfil all requirements with panache... again and again!

The high-performance clamp STBS – very sturdy and long-lasting, offering exceptional clamping pressures.



High-performance clamps

High-performance clamping



Improved rail profile means greater productivity

The new and innovative shape of the BESSEY rail profile and sliding arm provide a number of productivity enhancing benefits. These benefits include more clamping force per spindle rotation and more clamping stability for faster and safer work. Moreover, the new shape of the rail profile and sliding arm guarantees better contact with the work surface at higher clamping forces. The new BESSEY high-performance clamp is the ideal tool for your clamping jobs, day after day.

Your benefits at a glance:

1 High stability

The optimised profile guarantees high clamping force build-up in the shortest time, while maintaining maximum stability and safety. The fixed bracket and pressure plate are manufactured in a single piece, and tempered, so are able to bear heavy loads and are resistant to torsion.

2 Forged sliding arm

The sliding arm has a new shape that allows for more efficient transfer of force. As a result of its more linear transfer of force, the new U-shaped sliding arm offers maximum security with the heaviest of loads. You can rely on that.

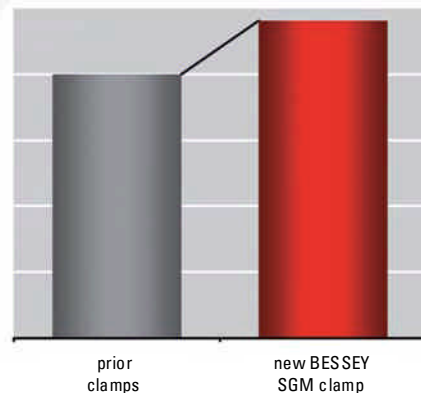
3 Special tilting pressure plate

The heat-resistant pressure plate is replaceable and can be tilted up to 35° so it can even clamp on angled or sloping surfaces. It has an extremely long service-life due to the friction resistant properties of the sintered steel insert.

4 Tempered spindle

The tempered spindle is particularly sturdy and wear-resistant. This considerably increases its durability.

20 % more clamping force per spindle rotation



High-performance clamps



NEW

Fitters' clamp SLM



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
SL20M	200	120	28 x 11	1,88	5	
SL25M	250	120	28 x 11	2,00	5	
SL30M	300	120	28 x 11	2,11	5	
SL40M	400	120	28 x 11	2,34	5	
SL50M	500	120	28 x 11	2,60	5	
SL60M	600	120	28 x 11	2,82	5	

- Greater reserves of power, thanks to optimised rail profile, for even clamping force build-up
- Maximum safety due to the better linear transfer of force of the sliding arm
- Clamping force up to 8,500 N
- Tightening torque of 25 Nm



High-performance clamp SGM



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
SG25M	250	140	34 x 13	2,58	5	
SG30M	300	140	34 x 13	3,00	5	
SG40M	400	140	34 x 13	3,17	5	
SG50M	500	140	34 x 13	3,40	5	
SG60M	600	140	34 x 13	3,80	5	
SG80M	800	140	34 x 13	4,45	5	
SG100M	1000	140	34 x 13	4,95	5	
SG125M	1250	140	34 x 13	5,87	1	
SG150M	1500	140	34 x 13	6,65	1	



- 20 % more clamping force per spindle rotation with optimised rail profile
- Maximum safety due to the better linear transfer of force of the sliding arm
- Clamping force up to 12,000 N
- Tightening torque of 40 Nm



High-performance clamp SGTM, large troath depth



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
SG30T20M	300	200	30 x 15	3,50	1	
SG60T20M	600	200	30 x 15	4,30	1	

- Clamping force up to 8,500 N
- Tightening torque: 40 Nm
- Opening 200 mm

You will find accessories on Pages 42 and 92

High-performance clamps

- Clamping force up to 22,000 N
- Tightening torque 80 Nm
- With 19 mm hexagonal bolt on the end of the spindle



High-performance clamp STBM, heavy duty

№	←a→	←b→	←x→	⚖	📦	VB 0002
	mm	mm	mm	kg	qty.	
STB30M	300	175	40 x 20	5,61	1	
STB40M	400	175	40 x 20	6,10	1	
STB50M	500	175	40 x 20	6,67	1	
STB60M	600	175	40 x 20	7,23	1	
STB80M	800	175	40 x 20	8,35	1	
STB100M	1000	175	40 x 20	9,42	1	
STB125M	1250	175	40 x 20	10,77	1	
STB150M	1500	175	40 x 20	12,20	1	

- Clamping force up to 35,000 N
- Tightening torque 110 Nm
- With 36 mm hexagonal bolt on the end of the spindle
- With wedge for fixing the sliding arm



High-performance clamp STBS, extremely heavy duty

№	←a→	←b→	←x→	⚖	📦	VB 0002
	mm	mm	mm	kg	qty.	
STBS30	300	200	50 x 25	10,46	1	
STBS50	500	200	50 x 25	12,17	1	
STBS100	1000	200	50 x 25	17,30	1	

- Clamping force up to 40,000 N
- Tightening torque 130 Nm
- With 19 mm hexagonal bolt on the end of the spindle
- With wedge for fixing the sliding arm



High-performance clamp STBVC, extremely heavy duty

№	←a→	←b→	←x→	⚖	📦	VB 0002
	mm	mm	mm	kg	qty.	
STBVC15	150	100	40 x 20	4,06	1	
STBVC25	250	100	40 x 20	4,62	1	
STBVC35	350	100	40 x 20	5,13	1	

- Enhanced clamp life with large spherical head and interior sintered steel insert

Three design versions:

- Smooth faced (standard version)
- Rough faced for secure clamping on dirty surfaces
- V-groove face for round, oval and edged workpieces

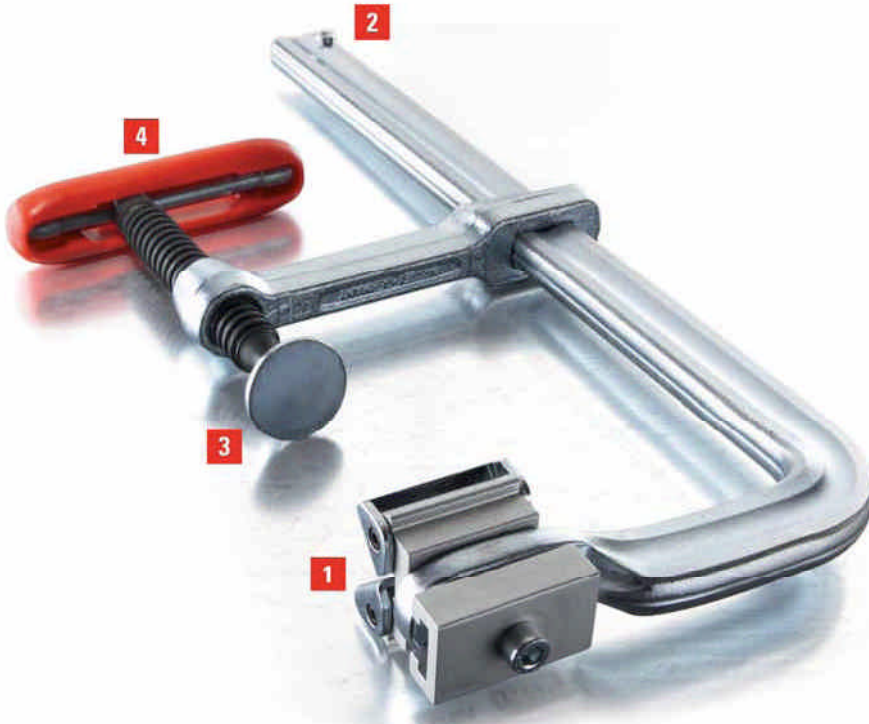


Pressure plate for high-performance clamps

№	Description	Suitable for	VB 0003
3100736	Standard	High-performance clamps SLM, SGM, STBM, STBVC, SGU, STBU, SPZ80K	
3100737	Standard	High-performance clamp STBS	
3101192	serrated	High-performance clamps SLM, SGM, STBM, STBVC, SGU, STBU, SPZ80K	
3101193	V-grooved	High-performance clamps SLM, SGM, STBM, STBVC, SGU, STBU, SPZ80K	

Your benefits at a glance:

- 1 Multi-angle pad**
The multi-angle pad is especially adapted to round, oval and angled workpieces – from 60° inside to 60° outside. For perfectly flat clamping remove the multi-angle pad. For spreading it is easy to reverse the position of the pad on the anvil of the clamp. Its like having 3 clamps in one.
- 2 Removable end stop**
The end stop can be removed – to allow the sliding arm to be quickly turned around for spreading.
- 3 Pressure plate**
For enhanced serviceability the pressure plate can be changed quickly and easily with no need for tools. It can be replaced very easily and quickly with a special larger-surface pressure plate or one made of stainless steel.
- 4 Tommy bar with BESSEY grip**
The addition of the plastic BESSEY grip means that clamping can also be very comfortable. The stable tommy bar has a plastic pad to ensure that it is easy to grip with your hand. This allows powerful, controlled clamping.



KombiKlamp SG-VAD



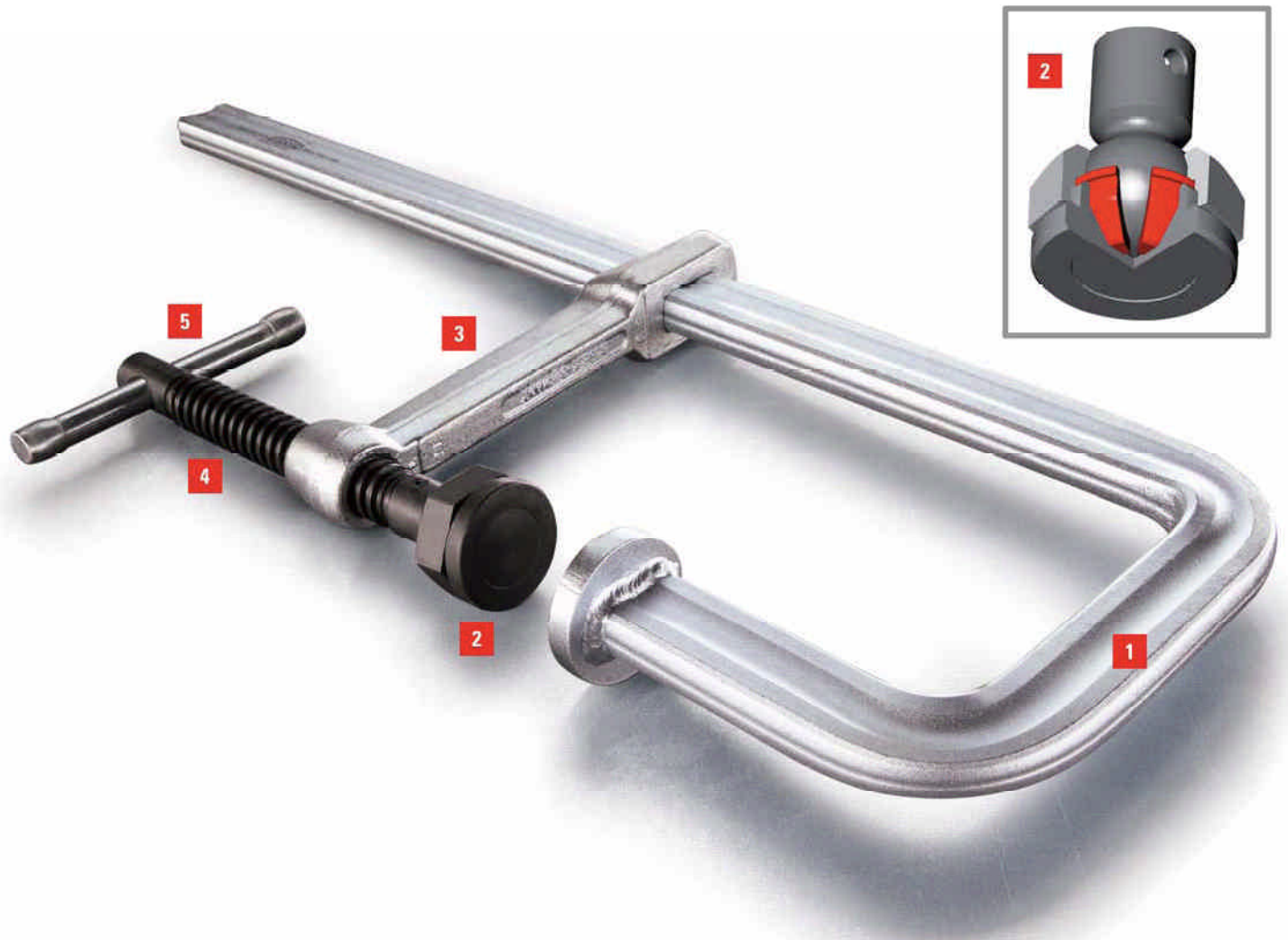
No.	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
SG30VAD	300	120	30 x 15	2,95	6	



- Clamping and spreading of round, oval and angled workpieces
- Pressure plates can be replaced with no need for tools
- Clamping force up to 12,000 N

U-clamps

Step-over clamping



No spacers or extension pieces necessary

The original BESSEY U-clamps have been developed on the basis of the tried-and-tested all-steel, lever and high-performance clamps. The characteristic U-shaped fixed arms swiftly reaches over obstructions so find its objective like an extra hand. No spacers or extensions are needed with the high stepping U-clamp.

Your benefits at a glance:

1 Extremely sturdy

The U-shaped fixed arm is produced and tempered from a single piece, thus very torsion-resistant. This guarantees you maximum tensile strength and sturdiness.

2 Special tilting pressure plate

The heat-resistant pressure plate is replaceable and can be tilted up to 35° so it can even clamp on angled or sloping surfaces. It has an extremely long service-life due to the oil-soaked sintered steel insert's excellent sliding and emergency running properties.

3 Forged sliding arm

The sliding arm is made from forged tempered steel, and can withstand extremely large loads. You can be sure of that.

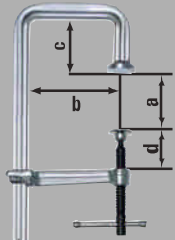
4 Tempered spindle

The tempered spindle is particularly sturdy and wear-resistant. This considerably increases its durability.

5 Sturdy tommy bar

The sturdy tommy bar has special rounded hand-friendly ends, as well as a hexagonal bolt. This allows powerful, controlled clamping.

U-clamps



U-shaped all-steel screw clamp GUZ

№	←a→	←b→	←c→	←d→	←x→	⚖	📦	VB0002
	mm	mm	mm	mm	mm	kg	qty.	
GU25-12-6ZK	250	120	60	60	22 x 10,5	1,46	10	

- Clamping force up to 4,000 N
- Double-sided step-over clamping, specially suited for T-profiles and double T-profiles
- Low weight
- Tempered stainless steel and fixed bracket for resilient and elastic clamping



U-shaped high-performance clamp SGU

№	←a→	←b→	←c→	←d→	←x→	⚖	📦	VB0002
	mm	mm	mm	mm	mm	kg	qty.	
SGU30-14-10	300	140	100	130	30 x 15	3,75	5	



- Clamping force up to 12,000 N
- Step-over clamping, specially suited for T-profiles and I-profiles
- Tightening torque 40 Nm



U-shaped high-performance clamp STBU, heavy duty

№	←a→	←b→	←c→	←d→	←x→	⚖	📦	VB0002
	mm	mm	mm	mm	mm	kg	qty.	
STBU40-17-15	400	175	150	110	40 x 20	7,96	1	

- Clamping force up to 22,000 N
- Step-over clamping, specially suited for T-profiles and I-profiles
- Tightening torque 80 Nm
- With 19 mm hexagonal bolt on the end of the spindle



U-shaped lever clamp GUH

№	←a→	←b→	←c→	←d→	←x→	⚖	📦	VB0002
	mm	mm	mm	mm	mm	kg	qty.	
GU25-12-6H	250	120	60	10	22 x 10,5	1,67	5	

- Clamping force up to 3,800 N
- Step-over clamping, specially suited for T profiles
- Low weight
- Quick – up to 5 x faster than regular clamps

Claw clamps

Clamping and spreading in confined spaces

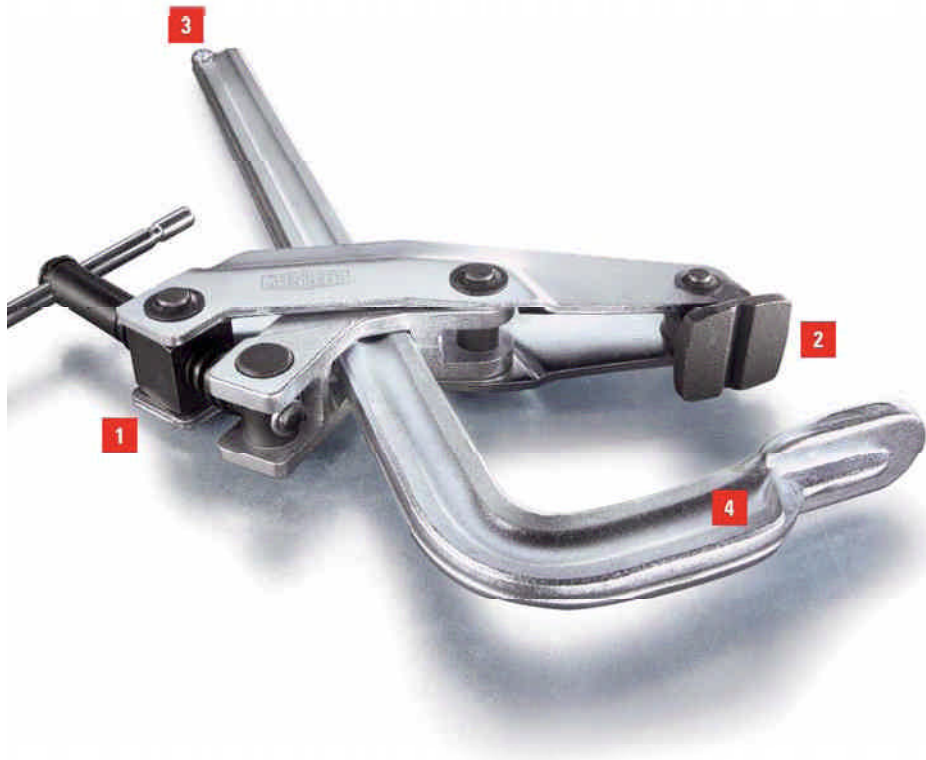


Ideal for particularly challenging tasks

The original BESSEY claw clamp lets you clamp and spread in even the most confined spaces. It can be used in narrow openings as well as for short projections. This is thanks to the clamp's

unique clamping and spreading mechanism, which is located behind the rail. The original BESSEY claw clamp also boasts a very robust construction. This makes it the perfect tool for particularly challenging tasks, such as welding and assembly work.

The claw clamp GRA – specially developed for welding and assembly work in poorly accessible places.



Your benefits at a glance:

1 External handle

The handle is located behind the clamp's rail. This is specially conceived to allow the clamping and spreading of workpieces which are not easily accessible.

2 Special V-grooved pressure plate

This sturdy pressure plate is made from high-grade cast iron, and can be tilted by up to 30°. The prism is ideal for spreading round or angular workpieces.

3 Removable end stop

The end stop can be removed – to allow the sliding arm to be quickly turned around for spreading.

4 Extremely sturdy

Fixed bracket and pressure plate are produced and tempered from a single piece, thus very torsion-resistant. This guarantees you maximum tensile strength and sturdiness.

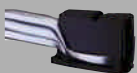


Claw clamp GRA



№	←a→	←b→	←x→	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
GRA30	300	100	27 x 13	2,60	5	
GRA60	600	100	27 x 13	3,30	5	
GRA100	1000	100	27 x 13	4,30	5	

Pressure piece GRD (2 pcs./bag)



№	⚖	📦	VB0002
	kg	qty.	
GRD	0,70	1	



- Clamping an spreading force up to 8,000 N
- Externally-positioned spindle, protected from welding spatter
- Clear access to work area
- Spreading from the inside outwards
- Flat jaw face
- V-groove for clamping round and oval workpieces

C-clamps



- Clamping force of up to 15,000 N
- Nearly unbreakable and tempered
- Tried-and-true BESSEY all-steel quality



- Clamping force of up to 22,000 N
- Drop forged

- Clamping force up to 20,000 N
- Drop forged, extremely stable



C-clamp VC, stable

№	←a→		←b→		←x→	⚖	⚖	📦	VB0002
	mm	"	mm	"					
VC2	0 - 50	0 - 2	50	2	19,5 x 9,5	7	0,42	10	
VC3	0 - 75	0 - 3	50	2	22 x 10,5	13	0,63	10	
VC4	0 - 100	0 - 4	60	2 3/8	25 x 12	13	1,02	10	
VC6	0 - 150	0 - 6	75	3	27 x 13	15	1,41	10	
VC8	0 - 200	0 - 7 7/8	90	3 1/2	30 x 15	15	2,25	5	
VC10	0 - 250	0 - 10	100	4	40 x 20	15	4,01	5	



C-clamp SC

№	←a→		←b→		⚖	⚖	📦	VB0002
	mm	"	mm	"				
SC40	0 - 40	0 - 1 5/8	40	1 5/8	5,5	0,40	10	
SC60	0 - 60	0 - 2 3/8	55	2 3/16	5,5	0,56	10	
SC80	0 - 80	0 - 3 1/8	65	2 9/16	10	0,99	10	
SC100	0 - 100	0 - 4	75	3	13,5	1,40	10	
SC120	0 - 120	0 - 7 7/8	85	3 1/4	18	2,10	10	
SC150	0 - 150	0 - 6	95	3 3/4	18	2,35	10	
SC200	0 - 200	0 - 7 7/8	105	4 1/4	22	4,00	5	



C-clamp CDF

№	←a→		←b→		⚖	⚖	📦	VB0002
	mm	"	mm	"				
CDF402	0 - 50	0 - 2	55	2	12	0,61	36	
CDF403	0 - 75	0 - 3	60	2 3/8	13	0,85	24	
CDF404	0 - 105	0 - 4 1/4	85	2 3/4	16,5	1,60	12	
CDF406	0 - 150	0 - 6	100	3 5/8	17	2,32	8	
CDF408	0 - 205	0 - 8	125	4 1/2	17	3,42	6	
CDF410	50-245	2 - 10	150	5 3/8	18	5,49	4	
CDF412	50-305	2 - 12	160	5 3/4	20	6,44	2	

C-clamps



C-clamp CDF-C



№	←a→		←b→		kN	kg	qty.	VB0002
	mm	"	mm	"				
CDF403C	0 - 75	0 - 3	60	2 3/8	13	0,85	24	
CDF404C	0 - 105	0 - 4 1/4	85	2 3/4	16,5	1,60	12	
CDF406C	0 - 150	0 - 6	100	3 5/8	17	2,32	8	
CDF408C	0 - 205	0 - 8	125	4 1/2	17	3,42	6	
CDF410C	50-245	2 - 10	150	5 3/8	18	5,49	4	

- Clamping force up to 20,000 N
- Drop forged, extremely stable
- The copper-plated spindle prevents welding splatter from sticking



C-clamp M, extremely heavy duty



№	←a→		←b→		kN	kg	qty.	VB0002
	mm	"	mm	"				
M101	0 - 100	0 - 4	70	2 3/4	12	1,80	1	
M103	0 - 150	0 - 6	120	4 3/4	17	3,70	1	
M104	0 - 200	0 - 7 7/8	160	6 1/4	20	5,70	1	
M105	0 - 250	0 - 10	200	7 7/8	20	8,50	1	
M106	0 - 300	0 - 12	220	8 3/4	20	10,50	1	

- Clamping pressure of up to 20,000 N
- Very sturdy, cast design

Body clamps and area pressure clamps

Large-area clamping and spreading



Ideal for sensitive workpieces and right angles

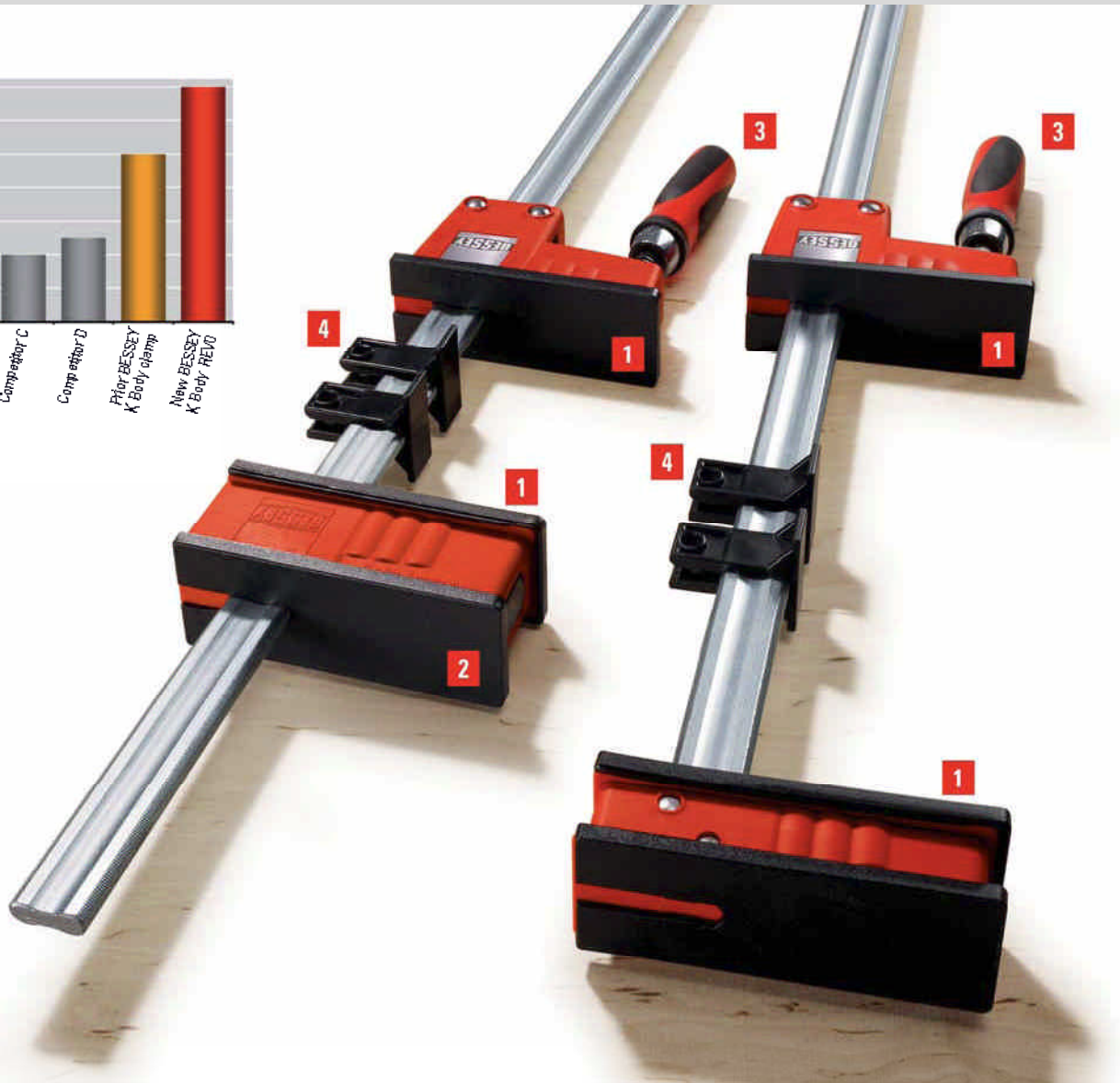
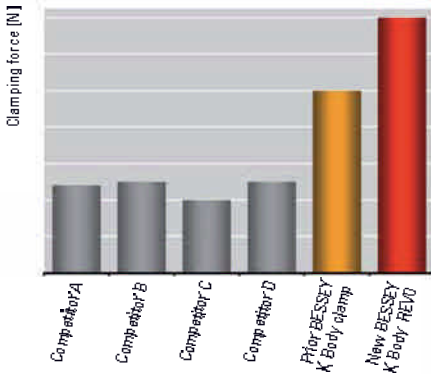
The large, perfectly parallel jaw faces are characteristic of the original BESSEY K Body REVO. It allows easy clamping and spreading of sensitive surfaces and right angles. Even round and pointed workpieces. And the best thing is:

thanks to their extra-large contact surfaces, the original BESSEY K Body REVO and the UniKlump are both universally applicable – even behind and to the side of the high-quality profiled rail. This allows you to clamp in locations that conventional screw clamps are unable to reach. That's guaranteed!

The K Body REVO – holds workpieces exactly parallel.

The Vario K Body REVO – enables step-less positioning of the upper part for optimization of weight distribution.

Powerful clamping and spreading over large surfaces



Your benefits at a glance:

1 Parallel clamping surface with jaw protection caps

The extremely large flat clamping surfaces made of impact and break resistant polyamide are extremely powerful and exactly parallel. The three removable pressure caps are repellant to glue, replaceable and are also resistant to paint and grease solvents.

2 A moveable, fixed jaw

For the first time ever, BESSEY offers the opportunity to adjust both jaws to optimise clamping preparation. With the push of a button the fixed jaw can be moved to where you want it – eliminating a great deal of work piece balancing before glue is applied.

3 2-component plastic handle

High-quality 2-component plastic handle in polypropylene (PP) with soft plastic insert for comfort while working.

4 Protective workpiece contact elements

The workpiece contact elements made from impact resistant polyamide prevent direct contact by the work-piece on the rail when the clamping surface is fully deployed. With TK 6 table clamps it is easy to fasten the K Body REVO clamps.

World class parallel clamping

Anywhere where high pressure clamping, 90 degree clamping or powerful spreading is required the new BESSEY K Body REVO clamp is the ideal tool. With clamping forces of up to 7,000 N, large clamping surfaces and sensible accessories this clamp can do the job. The BESSEY K Body REVO clamp is also ideally suited for accurate adjustment of corners and offset edges.

Body clamps and area pressure clamps

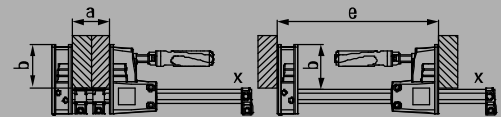
- Clamping force up to 7,000 N
- Steplessly adjustable and fixable upper section for improved workpiece positioning
- Very large parallel clamping surfaces
- With 3 pressure caps to protect delicate surfaces
- Can be converted to spreading function with no need for tools



KR-VO

Vario K Body REVO KRV

№	←a→	←b→	←e→	←x→	⚖	📦	VB0003
	mm	mm	mm	mm	kg	qty.	
KRV100-2K	1000	95	260-1130	29 x 9	3,85	4	
KRV150-2K	1500	95	260-1610	29 x 9	4,25	2	
KRV200-2K	2000	95	260-2080	29 x 9	5,30	2	
KRV250-2K	2500	95	260-2580	29 x 9	6,30	2	
KR-VO	-	95	-	29 x 9	0,59	1	



Variable jaw KR-VO suitable for all BESSEY K body REVO KRV and KR



KP

K Body REVO KR

№	←a→	←b→	←e→	←x→	⚖	📦	VB0003
	mm	mm	mm	mm	kg	qty.	
KR30-2K	300	95	255-390	29 x 9	1,83	4	
KR60-2K	600	95	255-730	29 x 9	2,40	4	
KR80-2K	800	95	255-930	29 x 9	2,80	4	
KR100-2K	1000	95	255-1130	29 x 9	3,28	4	
KR125-2K	1250	95	255-1355	29 x 9	3,65	2	
KR150-2K	1500	95	255-1610	29 x 9	4,13	2	
KR200-2K	2000	95	255-2080	29 x 9	5,09	2	
KR250-2K	2500	95	255-2580	29 x 9	6,05	2	
KP					0,55	1	

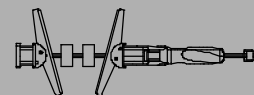
- Clamping force up to 7,000 N
- Very large parallel clamping surface
- With 3 pressure caps to protect delicate surfaces
- Can be converted to spreading function with no need for tools

- Adapter with tilting clamping jaws with a tilt range of -15° to +15°
- Clamping on sloping and parallel surfaces
- Retail-ready packaging



Tilting K Body clamp adapter KR-AS (2 pcs./bag)

№	Suitable for	≡	⏏	⚖	📦	VB0003
		mm	mm	kg	qty.	
KR-AS	KRV / KR	170	25	0,17	1	



You will find accessories on Page 92

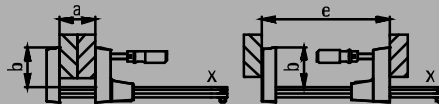
Body clamps and area pressure clamps



UniKlump UK



№	←a→	←b→	←e→	←x→	⚖	📦	VB0003
	mm	mm	mm	mm	kg	qty.	
UK16	160	80	172-270	20 x 5	0,62	6	
UK30	300	80	172-415	20 x 5	0,72	6	
UK60	600	80	172-720	20 x 5	0,93	6	



- Clamping force up to 1,500 N
- Parallel jaw faces with extra-large contact surfaces
- Clamping of various shapes, along the whole length of the rail
- Universally applicable
- Light and easy-to-handle
- No need for tools for switching between clamping and spreading
- Retail-ready packaging



Area pressure clamps FK



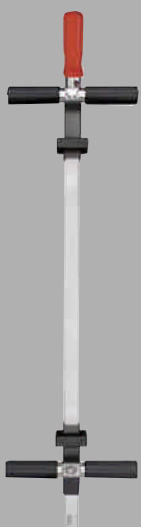
№	←a→	←b→	←x→	⚖	📦	VB0003
	mm	mm	mm	kg	qty.	
FK16-8	160	80	16 x 7,5	0,60	10	
FK20-10	200	100	19,5 x 9,5	1,10	10	
FK40-10	400	100	19,5 x 9,5	1,40	5	



- Clamping force up to 5,000 N
- 2 large, tilting jaw faces
- For workpieces with a sloping contact surface
- Large-area clamping of all workpieces from both sides



Box clamp KS



№	←a→	←b→	⚖	📦	VB0003
	mm	mm	kg	qty.	
KS100	1000	16	3,32	1	
KS150	1500	16	3,94	1	
KSV	Extension 1000	-	1,55	1	



- Clamping force up to 5,000 N
- Infinitely adjustable clamping jaws
- Clamp on angled and parallel surfaces

One-handed clamps

One-handed clamping



Working alone and need another hand?

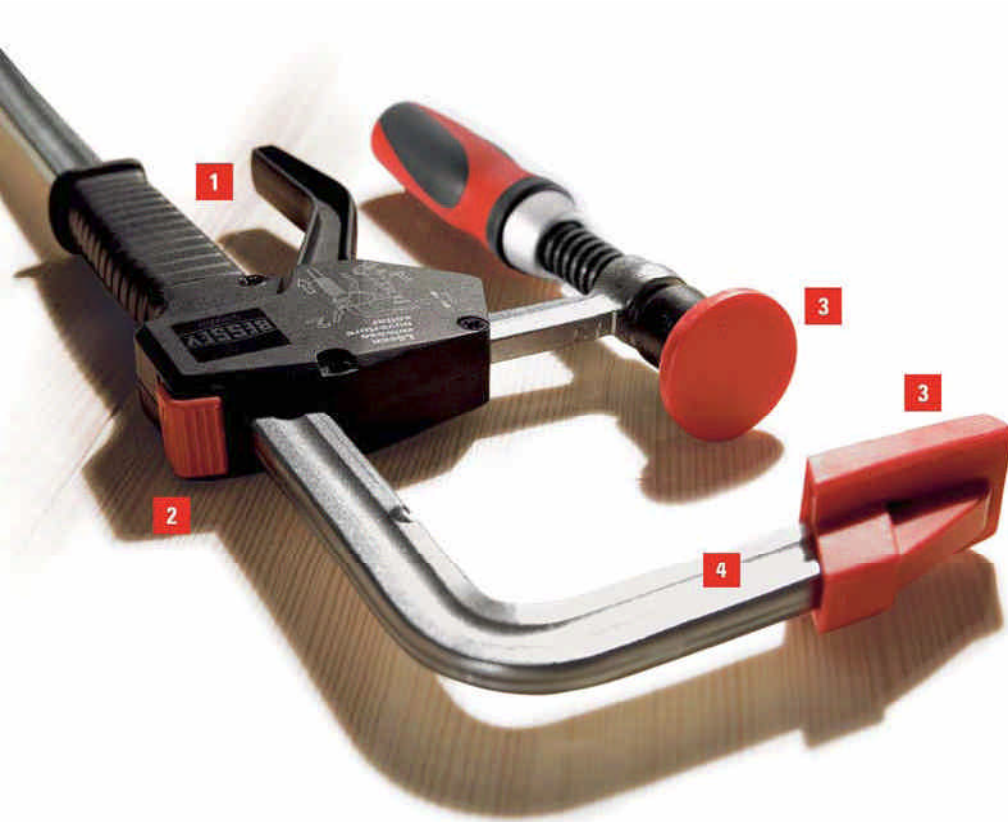
This extremely sturdy original BESSEY one-handed clamp EHZ is perfect for all work that needs to be carried out with one hand – e.g. for overhead tasks, or if a further tool needs to be used at the same time for aligning purposes. The BESSEY EHZ

one-handed clamp enables you to hold or fix in place with just one hand. It also allows you to clamp just as powerfully as ever. The DuoKlamm allows you to switch from clamping to spreading at any time – all with one hand. That means you save both manpower and valuable time!

The one-handed clamp EHZ – the only with up to 5.000 N clamping power.

The one-handed clamp EZS – strong clamping and spreading easily with just one hand.

One-handed clamps



Your benefits at a glance:

- 1 Parallel handle with pump lever**
The ergonomically shaped handle with pump lever runs parallel to the rail. That way, balanced, safe handling is always guaranteed.
- 2 Rapid move button**
This button allows you to move the sliding arm at any time, quickly and with minimum effort.
- 3 Plastic pressure caps**
The removable plastic caps provide a non-marring soft touch for use with wood and finished metal surfaces.
- 4 Versatility**
Fixed arm and pressure plate are produced and tempered from a single piece of high quality BESSEY steel. Clamping is resilient and elastic.



One-handed clamp EHZ with 2-component handle



№	← a →	← b →	← x →	⚖	📦	VB0002
	mm	mm	mm	kg	qty.	
EHZ30-2K	300	100	19,5 x 9,5	1,25	6	
EHZ60-2K	600	100	19,5 x 9,5	1,67	6	



- Clamping force of up to 5,000 N
- Clamp and fix in place quickly and simply with just one hand
- Retail-ready packaging

One-handed clamps

One-handed clamping and spreading



Your benefits at a glance:

1 Reversing

Don't disassemble the clamp – JUST TURN THE KNOB! The practical turning knob allows you to switch easily at any time from clamping to spreading.

2 Parallel handle with pump lever

The ergonomically shaped handle with pump lever runs parallel to the rail. That way, balanced, safe handling is always guaranteed.

3 Rapidly-adjustable release lever

A press of a button is all it takes: the release lever allows the clamp to be immediately released, as well as rapidly adjusted.

4 Large jaw faces

The large, planar jaw faces made from impact- and fracture-resistant reinforced polyamide are exactly parallel. For gentle clamping of a very wide range of different shapes over the entire length of the rail, without spacers.



DuoKlamp DUO

Nº	←a→	←b→	←c→	←f→	←x→	⚖	📦	
	mm	mm	mm	mm	mm	kg	qty.	VB0003
DU016-6	160	65	58-215	7-165	15 x 5	0,30	6	
DU030-6	300	65	58-360	7-310	15 x 5	0,38	6	
DU016-8	160	85	75-235	9-170	20 x 5	0,66	6	
DU030-8	300	85	75-380	9-315	20 x 5	0,72	6	
DU045-8	450	85	75-535	9-470	20 x 5	0,82	6	
DU065-8	650	85	75-685	9-660	20 x 5	1,02	6	

- Clamping force up to 1,200 N
- Change from clamping to spreading by switching, not converting
- Handle with pump lever parallel to the rail
- Convenient one-handed operation, with little effort required
- All-round clamping – in front of, behind and at the side of the rail
- Retail-ready packaging

One-handed clamps



NEW



Your benefits at a glance:

1 Powerful technology

The extremely sophisticated technology makes it possible - single-handed clamping and spreading of workpieces with up to 2.000 N clamping force.

2 Intelligent release button

Thanks to the intelligent release mechanism, the upper section can be quickly converted from clamping to spreading – without the need for tools or releasing screws.

3 Handle behind the rail

The ergonomically shaped 2-component plastic handle with pump lever is positioned behind the rail, enabling a powerful grip.

4 Soft pressure caps

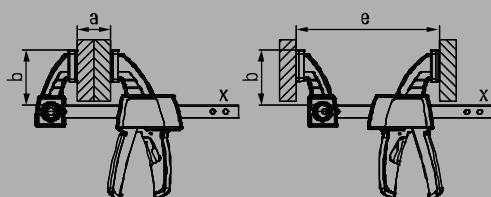
Soft pressure caps guarantee material protection and secure clamping.



One-handed clamp EZS



№	←a→	←b→	←e→	←x→	⚖	📦	VB 0003
	mm	mm	mm	mm	kg	qty.	
EZS15-8	150	80	360	19 x 6	0,69	6	
EZS30-8	300	80	510	19 x 6	0,80	6	
EZS45-8	450	80	660	19 x 6	0,91	6	
EZS60-8	600	80	810	19 x 6	1,03	6	
EZS90-8	900	80	1110	19 x 6	1,25	6	



- Clamping force up to 2,000 N
- Toolless conversion for spreading thanks to intelligent release mechanism in upper section
- Ergonomically shaped 2-component plastic handle behind the rail
- On carded hang pack