

BESSEY Clamping- and Cutting Technology

Complete catalogue 2007/2008



Simply better.

Best Clamping- and Cutting Technology since 1889.

„One, who stops improving himself, has already ceased to be good“ – we behave and work as per this guiding principle of Max Bessey, the founder of our company. Again and again. Over 100 years already. Simply go and see for yourself: An overview of our entire range of products – and services is given in the following pages. Be it clamping – or cutting technology, Bessey offers incomparably innovative solutions with the proven BESSEY quality.

Make the most of our innovative edge and experience why the following still holds true in our industry:
„BESSEY. Simply better.“



Features of BESSEY products

You can identify the individual performance features of BESSEY products with the help of assigned symbols.
The complete overview unfolds here!

General information


No
Order -No.

Weight


Packaging unit

VB0001 – VB0003 = Clamping Technology discount groups
VD0001 – VD0003 = Cutting Technology discount groups
We request you to place your orders in packaging units.
The BESSEY Product Development Department reserves the right for technical alterations. Errors and omissions excepted – to the best of our knowledge the information supplied is accurate.


Clamping technology




Wood




Steel




Plastic




Sensitive materials




Opening




Throat depth




Rail




Diameter




Angle




Hole dia




Clamping force




Cohesion




Jaw width



Jaw height




Jaw length




Fixing screw hole dia

Caution! Clamping tools are not suitable for lifting, pulling or transporting. Improper use may lead to personal injuries – or material damages. They should only be clamped manually without using any auxiliary tools.


Cutting Technology




Overall length




Blade length




Sheet thickness
(600 N/mm²)




Product life expectancy




HSS/TiN-coated
min. 65 HRC




HSS
min. 65 HRC




Special High grade steel
min. 61 HRC




High grade steel
min. 59 HRC




Quality steel
min. 56 HRC




Continuous, straight and curved cuts, right




Continuous, straight and curved cuts, left




Short, straight and narrow curved cuts, right




Short, straight and narrow curved cuts, left




Straight and curved cuts with a large radius
in both left and right directions



Continuous, straight cuts



Short, straight cuts, notch



Circular cuts

L = Left cut design (refer to page 102 as well)
SB = On carded hang pack

Standard tin snips with a rocker spring, available on request.

Caution! Always wear protective goggles and gloves while working. Sheared parts may injure the workers and bystanders. Disconnect the power supply while working on electrical devices, else there is a risk of an electric shock. Move the snips in the cutting direction away from your body. Only use original-spare parts whenever required. Tools should only be used manually without using any auxiliary tools. Improper use may lead to personal injuries – or material damages.

BESSEY. Simply better.





Most innovative ideas

Our company has been setting new benchmarks in the field of clamping- and cutting technology since its inception in the year 1889. Based on our expertise in development, we have been working on new and innovative ideas and for their continuous improvement. We invent and perfect the patented brands in our plant in Bietigheim, which often become models for an entire generation of clamping- and cutting tools.

Often copied, but never matched: This applies to, e.g. Original BESSEY malleable cast iron-screw clamps that are being used in the unmodified form since 1936. Or even to the Original BESSEY all-steel-screw clamps that were patented in 1952 and recently acted as a model for the new OMEGA-screw clamps.

The same applies to our Erdi metal snips that are most popular in the market. After the integration of Diener Werkzeugfabrik GmbH, established in 1923, into the BESSEY Group, high-performance snips with HSS-edges or High-tech-products like the new Aramid-shears, which provide you with excellent cutting performance and permanent safety, are the classic examples for innovative products by BESSEY cutting technology.

Technological edge due to innovative ideas and highest quality makes the BESSEY brand unique.

BESSEY. Simply better.

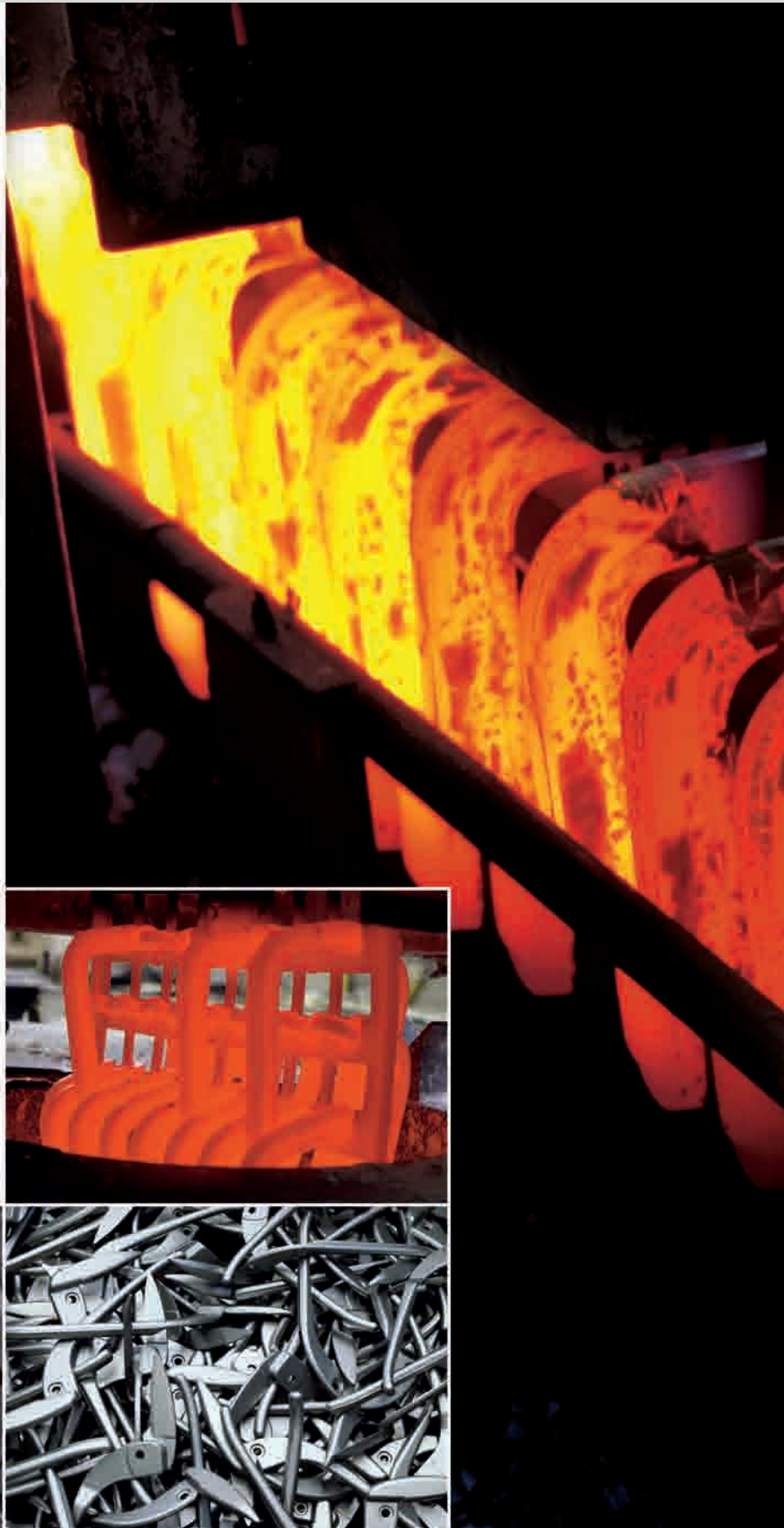
Highest quality

Our fundamental principle: BESSEY brands have been manufactured for constant loads, and not for temporary ones. As against the comparable products of our competitors, we have distinguished ourselves and earned the respect of customers for decades owing to our unrivalled quality.

Our brands are traditionally manufactured using the highest quality materials, from Original BESSEY precision steel from the in-house steeldrawing works to fibreglass-reinforced polyamide or magnesium. Moreover, all components are personally checked by our experienced technicians and developers. The most advanced inspection procedures and testing methods, specially developed software as well as strict functional – and durability tests of parts that are subjected to severe stresses pay off especially in this case. Especially for you as a customer in daily, practical use.

Besides, we always guarantee you maximum comfort, safety, user-friendliness and ergonomics. Numerous certificates as well as longstanding partners and customers in more than 100 countries all over the world are the best proof. However, we request you to test the same practically.

**Functionality, precision
and durability reflect the
best BESSEY quality.**





All BESSEY products are traditionally manufactured using the highest quality materials.

BESSEY. Simply better.

Experienced technicians
and developers personally
check every BESSEY
product.





Wide range of products and services

While browsing through this catalogue, you will observe that: BESSEY always offers you the best solution for all your tasks and applications. In clamping- as well as cutting technology. Owing to our unique and wide range of products and services. Customised as per your special requirements and needs. From rigid to flexible clamping, from curved to straight cutting. From heavy duty clamps to light lever clamps, from delicate Jewellers' snips to robust bolt cutters. Since all wishes are fulfilled – you can work more quickly, neatly, safely and precisely in future.

Personal Service

Reliability, confidence and sense of responsibility are the backbone of our partnership with the environment and customers. BESSEY has distinguished itself as an extremely service-oriented and futuristic company. For a long time, we have been working towards manufacturing exclusive and practical brands that will simplify your life considerably. Today – as well as tomorrow. Of late, we have started supporting our trading partners with comprehensive product training programs in a personal and informal atmosphere. Directly on-site in Bietigheim, in our in-house training centre. This is clearly a complete partnership.



Longstanding global partners and customers in more than 100 countries have faith in the best BESSEY quality.

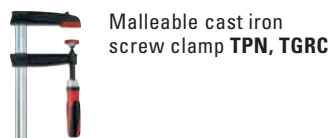


BESSEY Clamping and Cutting Technology

New products in the catalogue

NEW

22-24 Malleable cast iron screw clamps



Malleable cast iron screw clamp **TPN, TGRC**



Heavy duty malleable cast iron screw clamp **TKPN, TGKR**

26-27 Pump clamp



Pump clamp **PZ**

39 Lever clamp



Lever clamp **Synchro-Lock GHS**

42-47 High-performance clamp



Pressure plate for high performance clamps **SGLM, SGM, STBM, STBS, STBVC, SGU, STBU**



High-performance clamp **SGTM**, large throat depth

50-51 C-clamps



C-clamp **CDF, CDF-C**

55 Body clamp



Frame clamp **KS**

59 One-handed clamp



One-handed clamp **EZ**

63 Lightweight clamps



KliKlamp **KLI 30, KLI 40**

67-68 Spring clamps



VarioClippix **XV 5-170**



Clippix **XC 1, XC 1-Set, XC 2-Set**



Clippix **XCL**, Needle nose spring clamp

70-71 Edge clamps



Kantenfix **KF**



C-frame edge clamp **CKT**

Panel carrier KFP



74 Band clamps and strap clamps



Band clamp **BAN 400**



Strap clamp **BTR, BTRH**



Strap clamp set **BT 400**

76-77 Angle and mitre clamps



Angle clamp **WS 1**



Mitre clamping system **MCX**



Mitre clamp **GSP**

82 Door frame assembly tools



Door frame clamp **TMS**

83 Pipe clamps



Pipe clamping set **BPC**

84-85 Window assembly tools



Window installation clamp **Relufix**

87 Special flooring tools



Flooring and clamping system **SVH 760, SVG**

94 Machine table clamps



Machine table clamp **BS6N**

95 Earth (ground) clamps



Earth (ground) clamp **TP-2F**

98-99 Product displays



Clamp trolley **ZW**, including screw clamps

106-109 Cutting technology



Compound American pattern snip **DSPS, DSPC**



Folding utility knives **DBKPH, DBKWH, DBKAH**

Table of contents

16-25 Malleable cast iron screw clamps



Malleable cast iron screw clamp **TG**
– with BESSEY Best-Comfort-System
– with tried-and-true wooden handle
– with tommy bar



Heavy duty malleable cast iron screw clamp **TKG**
– with BESSEY Best-Comfort-System
– with tried-and-true wooden handle
– with tommy bar



Malleable cast iron screw clamp **TPN**
– with 2-component plastic handle
– with tried-and-true wooden handle



Heavy duty malleable cast iron screw clamp **TKPN**
– with tried-and-true wooden handle



Malleable cast iron screw clamp **TGRG**
– with tried-and-true wooden handle
– with tommy bar



Heavy duty malleable cast iron screw clamp **TGKR**
– with tried-and-true wooden handle



Deep troath screw clamp **TGNT**
– with tried-and-true wooden handle
– with tommy bar

26-27 Pump clamps



Pump clamp **PZ**

28-31 OMEGA screw clamp



OMEGA screw clamp **GMZ**
– with BESSEY Best-Comfort-System
– with tommy bar

32-35 All-steel screw clamps



All-steel screw clamp **GZ**
– with BESSEY Best-Comfort-System
– with tried-and-true wooden handle
– with tommy bar

36-39 Lever clamps



Lever clamp Synchro-Lock **GHS**



Lever clamp **GH, SGHS**

40-44 High-performance clamps



Fitters' clamp **SGLM**



High-performance clamp **SGM**



High-performance clamp **SGTM**, large throat depth



High-performance clamp **STBM**, heavy duty



High-performance clamp **STBS**, extremely heavy duty



High-performance clamp **STBS**, extremely heavy duty



Pressure plates for high-performance clamps
– X-pressure plate
– V-pressure plate

45-47 U-shaped clamps



U-shaped clamps **GUZ, SGU, STBU, GUH**

48-49 Claw clamps



Claw clamp **GRA**



Pressure piece **GRD**

50-51 C-clamps



C-clamp **VC, SC, CDF, CDF-C, M**

52-55 Body clamps and area pressure clamps



UniKlamm **UK**



K-Body clamp **K**



Framing set **KP**



Area pressure clamp **FK**



Frame clamp **KS**

Table of contents

56-59 One-handed clamps



One-handed clamp **EHZ**
– with 2-component
plastic handle



DuoKlamp **DUO**



One-handed clamp **EZ**

60-65 Lightweight clamps



KliKlamp **KLI**



Wood-Klemmy **HKL**



Die-cast zinc screw
clamp **LM**



Aluminium mini clamp
AM



Table clamp **TK**



Mini Vice **S 10**



Parallel screw clamp
PA



VarioClippix **XV**



Clippix **XC**



Clippix **XCL**,
Needle nose spring
clamp



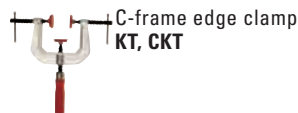
One-handed edge
clamp **EKT**



Kantenfix **KF**



Edge clamp **KT**



C-frame edge clamp
KT, CKT



Panel carrier **KFP**



Band clamp **BAN 700**,
BAN 400



Vario corners **BVE**



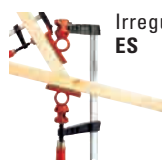
Strap clamp
BTR, BTRH, BT400



Angle clamp
WS 3, WS 6, WS 1



Mitre clamp **GS**



Irregular angle clamp
ES



Mitre clamping system
MCX



Mitre clamp **GSP**



Mitre clamp **NGB**



Rafter clamp **SPZ**



Door frame assembly
tools



Door frame clamp **TU**,
TMS



Door frame
straightening clamp
TFM



Angle door frame
straightening clamp
WTR



Sash clamp
TAN, TB, TC

Table of contents

| | | | |
|---|--|---|--|
| 83 Pipe clamping set | 88-89 Metal angle clamps | Base unit BASO | 96-97 Accessories |
|  Pipe clamping set RS, BPC |  Welders' angle clamps WSM |  Wrench with T-bar BASKN |  Replaceable pressure plates for Best-Comfort-System |
| 84-85 Window assembly tools | Welding clamp set SM 10 | Hold down table clamp BS | 2-component plastic handle |
|  Window installation clamp Relufix |  |  |  |
|  Window installation clamp FRK | 90-91 Grip pliers | Hold down table clamp BSG | Pressure cap strips SKS |
| 86-87 Special flooring tools | Parallel grip GRZ |  |  |
|  Flooring clamp PVZ |  | Claw machine clamp GRS | Tommy bar accessory KA |
|  Spacer PVA | C-grip GRZC |  |  |
|  Flooring and clamping system SVH, SVG |  | Hold down fixture HS | Pipe clamping set RO |
|  Seaming tool PS | Variogrip GRZV |  |  |
| | Pipe grip GRZRO | 95 Earth (ground) clamps | Multi angle pad VAD |
| |  |  Earth (ground) clamp TP, TGP |  |
| | 92-94 Machine table clamps |  Earth (ground) clamp CPF | 98-99 Product displays |
| | Machine table clamp BAS-U, BAS-C, BAS-CB | |  Clamp trolley ZW, VFW |

Table of contents

104–109 Compound leverage snips



Shape cutting snips
D29SS-2/D27



Shape and straight cutting snips
D29ASS-2/D27A/D17A/
D08/D16A



Straight cutting snips
D29BSS-2/D27B



MULTISNIP Longstyle
D22A



Compound American
pattern snips
DSPC/DSPS

110–111 Aviation snips



Aviation snips
D16/D16L/D16S

112–115 High-performance snips with HSS edges



Shape and straight
cutting snip HSS-TiN
D27AH-TiN



Shape and straight
cutting snip HSS
D27AH



Punch snip
D407



Shape and straight cutting snip
D416



Pelican snip HSS
D418

116–121 Standard tin snips



Shape and straight cutting snips
D216/D116



Pelican snips
D218/D118



Shape cutting punch snips
D214/D114



Punch snips
D207/D107



Punch snip with curved blades
D208



Universal snips
D206/D106



Universal snip with wide blades
D106A



Lyons pattern snip
D101



Berlin pattern snips
D202/D102



English pattern snip
D159



American pattern snip
D146

122

Steel strap cutters



Safety strap cutter with
compound leverage
D122S



Steel strap cutters
D122N/D122A


























123

Nibbler






























Nibbler with cutting-off function
D23

Table of contents

| | | | | | |
|--|---|---|--|---|--|
| 123 | Bolt cutters | 128–129 | High-tech shears | 134–137 | Tools for sheet metal work and plumbing |
|  | Bolt cutters D90/D92 |  | Fabric shears D920 „Aramid“ D910 „Fibre-Z“ D900 „Fibre“ |  | Flat-nosed pliers for sheet metal work D301 |
|  | Mesh cutter D93 | 130–131 | Jewellers' and thin sheet snips |  | Round nosed pliers D311 |
| 124–126 | Multi-purpose cutters |  | Jewellers' snips D70/D71/D72/D73/ D74/D75/D76 |  | Mini folding pliers D331-22/D341-22 |
|  | Multi-purpose cutters D47-2/D48-2/D48A-2 | 132–133 | Household and multi-purpose shears |  | Seaming and clinching pliers D33/D331/ D34/D341/ D35/D351 |
|  | Cable cutter D49-2 |  | Multi-purpose shears D820/D821 |  | Folding pliers D355 |
|  | MULTISNIP Master D51A |  | Electricians' scissors D53 |  | Corner seaming and clinching pliers D335 |
|  | Multi-purpose cutters D47/D48/D48A |  | Household and dressmakers' shears D840 |  | Squeeze folding pliers D336 |
|  | Cable cutter D49 |  | Paperhangers' and paper shears D851/D853 |  | Crimper D36 |
|  | Combinox D50 |  | Industrial and professional shears D860 |  | Gutter support bowing pliers D396 |
| 127 | Folding utility knives | | | 138–139 | Alphabetic register |
|  | Bladed jack knife DBKPH/DBKWH/DBKAH | | | | |

BESSEY Clamping Technology

Orientation matrix

| Product group | | |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Catalogue page | | | 18–24 | 19–24 | 25 | 28–31 | 32–35 | 36–39 | 42–43 | 42–43 | 44 | 44 | 44 |
| 1. Materials |  Wood | –  Wood | ●●● | ●●● | ●● | ●●● | ●●● | ●● | ● | ● | | | |
| |  Wood | –  Steel | | | ● | ●● | ●● | ● | ● | ● | ● | | |
| |  Wood | –  Sensitive materials | | | | | | | | | | | |
| |  Wood | –  Plastic | ●● | ● | | ●● | ●● | ● | | | | | |
| |  Steel | –  Steel | | | ● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● |
| |  Steel | –  Plastic | | | | ●●● | ●●● | ●● | | | | | ●●● |
| |  Plastic | –  Plastic | ●● | | | ● | ● | ● | | | | | |
| |  Sensitive materials | –  Sensitive materials | | | | | | | | | | | |
| 2. Applications | Bonding operations | | ●●● | ●●● | ● | ●●● | ●●● | ●●● | ● | ● | | | |
| | Fixing operations | | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●● | ●●● | ●●● | ●●● | ●●● |
| | Bonding operations using quick-hardening sizing agents | | ●●● | ●●● | | ●● | ●● | ●● | | | | | |
| | Bolting operations using wooden profiles | | ●● | ●● | ● | ●●● | ●● | ● | ● | | | | |
| | Bolting operations using metal profiles | | | | ●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● |
| | Connecting ceiling rafters and wooden beams | | | | | | | | | | | | |
| | Connecting U-, T-, double-T-profiles | | | | | | | | ●● | ●● | ●● | ●● | ●● |
| | Welding operations | | | ● | ● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● | ●●● |
| | Clamping sensitive surfaces | | ●● | | | | | | ● | ● | ● | ● | ● |
| | Aligning metal girders (vibrations) | | | | | ●● | ● | ●●● | ●● | ●● | ●● | ●● | ●● |
| | Load safeguarding | | | | | | | ●●● | | | | | |
| | Clamping onto the column-type drilling machine | | | | | ● | ● | ●● | ● | | | | |
| | Clamping onto machine tables | | | | | ● | ● | ●● | ● | | | | |
| | Clamping at a 90° angle | | | | | | | | | | | | |
| | Clamping inclined surfaces | | | | | | | | ●● | ●● | ●● | ●● | ●● |
| | Clamping edge strips | | | | | | | | | | | | |
| | Door- and window installation tools | | | | | | | | | | | | |
| | Special tools | | | | | | | | | | | | |
| 3. Power | up to approximately 1.200 N clamping force | | | | | | | | | | | | |
| | up to approximately 2.000 N clamping force | | | | | | | | | | | | |
| | up to approximately 5.000 N clamping force | | ● | | | ● | ● | | | | | | |
| | up to approximately 7.500 N clamping force | | | ● | ● | | | ● | ● | | | | |
| | up to approximately 12.000 N clamping force | | | | | | | | | ● | | | |
| | up to approximately 20.000 N clamping force | | | | | | | | | | ● | | |
| | up to approximately 30.000 N clamping force | | | | | | | | | | | ● | |
| | up to approximately 40.000 N clamping force | | | | | | | | | | | | ● |

Malleable cast iron screw clamps

Powerful, rigid clamping



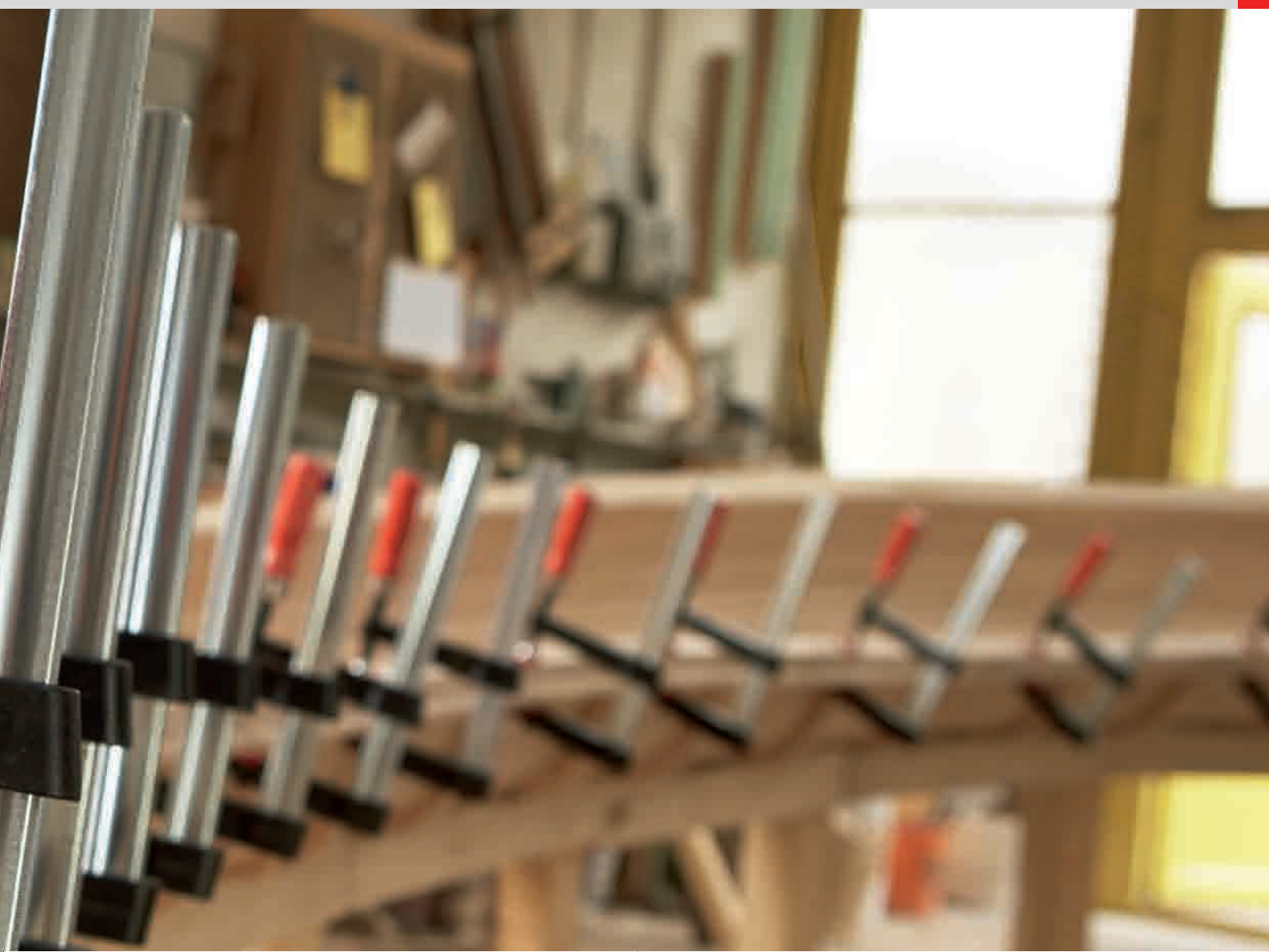
The inimitable classic

Often copied, never equalled: the original malleable cast iron screw clamps from BESSEY - the classic screw clamps dating back to 1936. Unmistakable, thanks to their unique high-quality profiled rail and their characteristic malleable

cast iron arms, serrated for reinforcement. The integrated BESSEY anti-slip system additionally ensures maximum safety. This is why the original BESSEY malleable cast iron screw clamps have proved so successful for so many years. And so ideal for all applications where powerful, rigid clamping is required. Try them out for yourself!

The screw clamp TKG – extremely stable, especially for high clamping pressures and wide openings.

The deep throat clamp TGNT – for large-scale jobs and throat depths of up to 500 mm.



Original BESSEY malleable cast iron screw clamp

It's best to go for the BESSEY Best-Comfort-System



Noticeably more comfortable

The choice is yours: The original BESSEY malleable cast iron screw clamp is available in two different designs. Either with the tried-and-true wooden handle, or with the modern BESSEY Best-Comfort-System. The latter will allow you to complete tasks more effectively and with less fatigue. This is possible thanks to the high-quality 2-component plastic handle, which has been especially developed for use with screw clamps. New pressure plates, which can be replaced without tools, add versatility to your clamp as well as making repairs quick & easy. Feel the difference!

Your benefits at a glance:

- 1 Integrated BESSEY anti-slip system**
Maximum safety is available with the integrated BESSEY anti-slip system, when clamping with a throat depth of 80 mm or more. A set screw that is molded into the sliding arm interlocks with the serration on the rail. This effectively prevents the clamp from dislodging or slipping away.
- 2 Reinforced malleable cast iron arms**
The characteristic high-quality malleable cast iron fixed and sliding arms, which are serrated for reinforcement, allow powerful, rigid clamping. The powder coating provides additional protection against corrosion.

3 High-quality profiled rail

The BESSEY profiled rail from our own drawing plant has been especially optimised for clamps. The profile acts as a reliable reinforcement against torsional forces, while the serration on six faces additionally prevents the clamp from slipping.

4 BESSEY Best-Comfort-System

With BESSEY Best-Comfort-System, all applications and tasks are well within your grasp. Pressure plates can be changed quickly without the need for tools, to make BESSEY comfort still more inviting.

Malleable cast iron screw clamps



Original BESSEY malleable cast iron screw clamp TG with BESSEY Best-Comfort-System

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-------------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TG10-2K | 100 | 50 | 15 x 5 | 0,26 | 10 | |
| TG12-2K | 120 | 60 | 20 x 5 | 0,42 | 10 | |
| TG16-2K | 160 | 80 | 25 x 6 | 0,66 | 10 | |
| TG20B8-2K | 200 | 80 | 25 x 6 | 0,77 | 10 | |
| TG25B8-2K | 250 | 80 | 25 x 6 | 0,82 | 10 | |
| TG30B8-2K | 300 | 80 | 25 x 6 | 0,87 | 10 | |
| TG40B8-2K | 400 | 80 | 25 x 6 | 0,97 | 10 | |
| TG20-2K | 200 | 100 | 27 x 7 | 1,06 | 10 | |
| TG25S10-2K | 250 | 100 | 27 x 7 | 1,15 | 10 | |
| TG30S10-2K | 300 | 100 | 27 x 7 | 1,18 | 10 | |
| TG40S10-2K | 400 | 100 | 27 x 7 | 1,33 | 10 | |
| TG50S10-2K | 500 | 100 | 27 x 7 | 1,46 | 10 | |
| TG25-2K | 250 | 120 | 29 x 9 | 1,54 | 10 | |
| TG30S12-2K | 300 | 120 | 29 x 9 | 1,63 | 10 | |
| TG40S12-2K | 400 | 120 | 29 x 9 | 1,78 | 10 | |
| TG50S12-2K | 500 | 120 | 29 x 9 | 2,01 | 10 | |
| TG60S12-2K | 600 | 120 | 29 x 9 | 2,13 | 5 | |
| TG80S12-2K | 800 | 120 | 29 x 9 | 2,46 | 5 | |
| TG100S12-2K | 1000 | 120 | 29 x 9 | 2,83 | 5 | |
| TG30-2K | 300 | 140 | 32 x 10 | 2,20 | 10 | |
| TG40S14-2K | 400 | 140 | 32 x 10 | 2,41 | 5 | |
| TG50S14-2K | 500 | 140 | 32 x 10 | 2,62 | 5 | |
| TG60S14-2K | 600 | 140 | 32 x 10 | 2,85 | 5 | |
| TG80S14-2K | 800 | 140 | 32 x 10 | 3,29 | 5 | |
| TG100S14-2K | 1000 | 140 | 32 x 10 | 3,71 | 5 | |
| TG40-2K | 400 | 175 | 32 x 10 | 2,70 | 5 | |
| TG50S17-2K | 500 | 175 | 32 x 10 | 2,90 | 1 | |
| TG60S17-2K | 600 | 175 | 32 x 10 | 3,20 | 1 | |
| TG80S17-2K | 800 | 175 | 32 x 10 | 3,50 | 1 | |
| TG100S17-2K | 1000 | 175 | 32 x 10 | 4,03 | 1 | |



Heavy duty malleable cast iron screw clamp TGK with BESSEY Best-Comfort-System

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-----------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TGK40-2K | 400 | 120 | 35 x 11 | 2,52 | 5 | |
| TGK50-2K | 500 | 120 | 35 x 11 | 2,70 | 5 | |
| TGK60-2K | 600 | 120 | 35 x 11 | 3,00 | 5 | |
| TGK80-2K | 800 | 120 | 35 x 11 | 3,53 | 5 | |
| TGK100-2K | 1000 | 120 | 35 x 11 | 4,00 | 5 | |
| TGK125-2K | 1250 | 120 | 35 x 11 | 4,69 | 1 | |
| TGK150-2K | 1500 | 120 | 35 x 11 | 5,38 | 1 | |
| TGK200-2K | 2000 | 120 | 35 x 11 | 6,66 | 1 | |
| TGK250-2K | 2500 | 120 | 35 x 11 | 7,94 | 1 | |
| TGK300-2K | 3000 | 120 | 35 x 11 | 9,22 | 1 | |

You will find accessories on Page 96



- Clamping force up to 6,000 N
- High-quality 2-component plastic handle
- Pressure plates can be replaced by hand – no tools required (from 80 mm throat depth)
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system (from 80 mm throat depth)



- Clamping force up to 7,000 N
- Strengthened design for higher clamping force and wider opening widths
- High-quality 2-component plastic handle
- Pressure plates can be replaced by hand – no tools required
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system



Malleable cast iron screw clamps



- Clamping force up to 6,000 N
- Ergonomically shaped handle
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system (from 80 mm throat depth)



Original BESSEY malleable cast iron screw clamp TG with tried-and-true wooden handle



| Nº | ← a → | ← b → | ← x → |  |  | VB0001 |
|----------|-------|-------|---------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| TG10 | 100 | 50 | 15 x 5 | 0,26 | 10 | |
| TG15B5 | 150 | 50 | 15 x 5 | 0,29 | 10 | |
| TG20B5 | 200 | 50 | 15 x 5 | 0,33 | 10 | |
| TG12 | 120 | 60 | 20 x 5 | 0,42 | 10 | |
| TG20B6 | 200 | 60 | 20 x 5 | 0,49 | 10 | |
| TG30B6 | 300 | 60 | 20 x 5 | 0,56 | 10 | |
| TG16 | 160 | 80 | 25 x 6 | 0,66 | 10 | |
| TG20B8 | 200 | 80 | 25 x 6 | 0,77 | 10 | |
| TG25B8 | 250 | 80 | 25 x 6 | 0,82 | 10 | |
| TG30B8 | 300 | 80 | 25 x 6 | 0,87 | 10 | |
| TG40B8 | 400 | 80 | 25 x 6 | 0,97 | 10 | |
| TG20 | 200 | 100 | 27 x 7 | 1,06 | 10 | |
| TG25S10 | 250 | 100 | 27 x 7 | 1,15 | 10 | |
| TG30S10 | 300 | 100 | 27 x 7 | 1,18 | 10 | |
| TG40S10 | 400 | 100 | 27 x 7 | 1,33 | 10 | |
| TG50S10 | 500 | 100 | 27 x 7 | 1,46 | 10 | |
| TG25 | 250 | 120 | 29 x 9 | 1,54 | 10 | |
| TG30S12 | 300 | 120 | 29 x 9 | 1,63 | 10 | |
| TG40S12 | 400 | 120 | 29 x 9 | 1,78 | 10 | |
| TG50S12 | 500 | 120 | 29 x 9 | 2,01 | 10 | |
| TG60S12 | 600 | 120 | 29 x 9 | 2,13 | 5 | |
| TG80S12 | 800 | 120 | 29 x 9 | 2,46 | 5 | |
| TG100S12 | 1000 | 120 | 29 x 9 | 2,83 | 5 | |
| TG30 | 300 | 140 | 32 x 10 | 2,20 | 10 | |
| TG40S14 | 400 | 140 | 32 x 10 | 2,41 | 5 | |
| TG50S14 | 500 | 140 | 32 x 10 | 2,62 | 5 | |
| TG60S14 | 600 | 140 | 32 x 10 | 2,85 | 5 | |
| TG80S14 | 800 | 140 | 32 x 10 | 3,29 | 5 | |
| TG100S14 | 1000 | 140 | 32 x 10 | 3,71 | 5 | |
| TG40 | 400 | 175 | 32 x 10 | 2,70 | 5 | |
| TG50S17 | 500 | 175 | 32 x 10 | 2,90 | 1 | |
| TG60S17 | 600 | 175 | 32 x 10 | 3,20 | 1 | |
| TG80S17 | 800 | 175 | 32 x 10 | 3,50 | 1 | |
| TG100S17 | 1000 | 175 | 32 x 10 | 4,03 | 1 | |

You will find accessories on Page 96

Malleable cast iron screw clamps



Heavy duty malleable cast iron screw clamp TGK with tried-and-true wooden handle

| № | ← a → | ← b → | ← x → |  |  | VB0001 |
|--------|-------|-------|---------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| TGK40 | 400 | 120 | 35 x 11 | 2,52 | 5 | |
| TGK50 | 500 | 120 | 35 x 11 | 2,70 | 5 | |
| TGK60 | 600 | 120 | 35 x 11 | 3,00 | 5 | |
| TGK80 | 800 | 120 | 35 x 11 | 3,53 | 5 | |
| TGK100 | 1000 | 120 | 35 x 11 | 4,00 | 5 | |
| TGK125 | 1250 | 120 | 35 x 11 | 4,69 | 1 | |
| TGK150 | 1500 | 120 | 35 x 11 | 5,38 | 1 | |
| TGK200 | 2000 | 120 | 35 x 11 | 6,66 | 1 | |
| TGK250 | 2500 | 120 | 35 x 11 | 7,94 | 1 | |
| TGK300 | 3000 | 120 | 35 x 11 | 9,22 | 1 | |

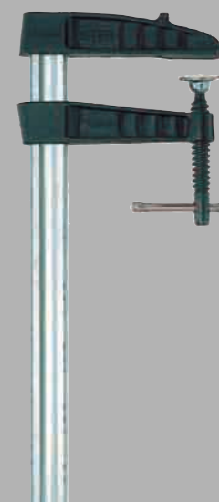
- Clamping force up to 7,000 N
- Heavy duty, reinforced design for higher clamping force and wider opening widths
- Ergonomically shaped handles
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system





Original BESSEY malleable cast iron screw clamp TG with tommy bar

| № | ← a → | ← b → | ← x → |  |  | VB0001 |
|-----------|-------|-------|---------|--|--|--------|
| | mm | mm | mm | kg | qty. | |
| TG16K | 160 | 80 | 25 x 6 | 0,73 | 10 | |
| TG20K | 200 | 100 | 27 x 7 | 1,08 | 10 | |
| TG25K | 250 | 120 | 29 x 9 | 1,48 | 10 | |
| TG30S12K | 300 | 120 | 29 x 9 | 1,57 | 10 | |
| TG40S12K | 400 | 120 | 29 x 9 | 1,74 | 10 | |
| TG60S12K | 600 | 120 | 29 x 9 | 2,09 | 5 | |
| TG80S12K | 800 | 120 | 29 x 9 | 2,46 | 5 | |
| TG100S12K | 1000 | 120 | 29 x 9 | 2,66 | 5 | |
| TG30K | 300 | 140 | 32 x 10 | 2,10 | 10 | |
| TG40K | 400 | 175 | 32 x 10 | 2,70 | 5 | |

- Clamping force up to 6,000 N
- Tommy bar with rounded ends for simple transfer of force when clamping
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system



Heavy duty malleable cast iron screw clamp TGK with tommy bar

| № | ← a → | ← b → | ← x → |  |  | VB0001 |
|---------|-------|-------|---------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| TGK50K | 500 | 120 | 35 x 11 | 2,70 | 5 | |
| TGK100K | 1000 | 120 | 35 x 11 | 4,00 | 5 | |
| TGK150K | 1500 | 120 | 35 x 11 | 5,31 | 1 | |
| TGK200K | 2000 | 120 | 35 x 11 | 6,50 | 1 | |
| TGK250K | 2500 | 120 | 35 x 11 | 7,83 | 1 | |
| TGK300K | 3000 | 120 | 35 x 11 | 9,13 | 1 | |

- Clamping force up to 7,000 N
- Strengthened design for higher clamping force and wider opening widths
- Tommy bar with rounded ends for simple transfer of force when clamping
- Stable profiled rail with serration is resistant to torsional forces
- BESSEY anti-slip system

You will find accessories on Page 96

Malleable cast iron screw clamps

- Clamping force up to 5,500 N
- High-quality 2-component plastic handle
- Stable profiled rail with serration is resistant to torsional forces



Heavy duty malleable cast iron screw clamp TPN with 2-component plastic handle

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|----------------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TPN16BE-2K | 160 | 80 | 25 x 6 | 0,73 | 10 | |
| TPN20BE-2K | 200 | 100 | 27 x 7 | 1,06 | 10 | |
| TPN25BE-2K | 250 | 120 | 29 x 9 | 1,50 | 10 | |
| TPN40S12BE-2K | 400 | 120 | 29 x 9 | 1,74 | 10 | |
| TPN50S12BE-2K | 500 | 120 | 29 x 9 | 2,00 | 10 | |
| TPN60S12BE-2K | 600 | 120 | 29 x 9 | 2,10 | 5 | |
| TPN80S12BE-2K | 800 | 120 | 29 x 9 | 2,50 | 5 | |
| TPN100S12BE-2K | 1000 | 120 | 29 x 9 | 2,80 | 5 | |
| TPN30BE-2K | 300 | 140 | 32 x 10 | 2,03 | 10 | |
| TPN40BE-2K | 400 | 175 | 32 x 10 | 2,70 | 5 | |



Malleable cast iron screw clamp TPN with tried-and-true wooden handle

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-------------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TPN10BE | 100 | 50 | 15 x 5 | 0,26 | 10 | |
| TPN15B5BE | 150 | 50 | 15 x 5 | 0,29 | 10 | |
| TPN20B5BE | 200 | 50 | 15 x 5 | 0,31 | 10 | |
| TPN12BE | 120 | 60 | 20 x 5 | 0,40 | 10 | |
| TPN20B6BE | 200 | 60 | 20 x 5 | 0,45 | 10 | |
| TPN16BE | 160 | 80 | 25 x 6 | 0,73 | 10 | |
| TPN20B8BE | 200 | 80 | 25 x 6 | 0,77 | 10 | |
| TPN25B8BE | 250 | 80 | 25 x 6 | 0,84 | 10 | |
| TPN30B8BE | 300 | 80 | 25 x 6 | 0,87 | 10 | |
| TPN20BE | 200 | 100 | 27 x 7 | 1,06 | 10 | |
| TPN25S10BE | 250 | 100 | 27 x 7 | 1,26 | 10 | |
| TPN30S10BE | 300 | 100 | 27 x 7 | 1,22 | 10 | |
| TPN40S10BE | 400 | 100 | 27 x 7 | 1,31 | 10 | |
| TPN25BE | 250 | 120 | 29 x 9 | 1,50 | 10 | |
| TPN30S12BE | 300 | 120 | 29 x 9 | 1,60 | 10 | |
| TPN40S12BE | 400 | 120 | 29 x 9 | 1,74 | 10 | |
| TPN50S12BE | 500 | 120 | 29 x 9 | 2,00 | 10 | |
| TPN60S12BE | 600 | 120 | 29 x 9 | 2,10 | 5 | |
| TPN80S12BE | 800 | 120 | 29 x 9 | 2,50 | 5 | |
| TPN100S12BE | 1000 | 120 | 29 x 9 | 2,80 | 5 | |
| TPN30BE | 300 | 140 | 32 x 10 | 2,03 | 10 | |
| TPN50S14BE | 500 | 140 | 32 x 10 | 2,48 | 5 | |
| TPN60S14BE | 600 | 140 | 32 x 10 | 2,66 | 5 | |
| TPN80S14BE | 800 | 140 | 32 x 10 | 3,12 | 5 | |
| TPN100S14BE | 1000 | 140 | 32 x 10 | 3,62 | 5 | |
| TPN40BE | 400 | 175 | 32 x 10 | 2,70 | 5 | |

You will find accessories on Page 96

Malleable cast iron screw clamps



Heavy duty malleable cast iron screw clamp TKPN with tried-and-true wooden handle

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-----------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TKPN50BE | 500 | 120 | 35 x 11 | 2,70 | 5 | |
| TKPN100BE | 1000 | 120 | 35 x 11 | 4,05 | 5 | |
| TKPN125BE | 1250 | 120 | 35 x 11 | 4,65 | 5 | |
| TKPN150BE | 1500 | 120 | 35 x 11 | 5,34 | 5 | |
| TKPN200BE | 2000 | 120 | 35 x 11 | 6,67 | 5 | |

- Clamping force up to 6,500 N
- Strengthened design for higher clamping force and wider opening widths
- Stable profiled rail with serration is resistant to torsional forces



Malleable cast iron screw clamp TGRC with tried-and-true wooden handle

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|------------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TGRC10 | 100 | 50 | 15 x 5 | 0,26 | 10 | |
| TGRC15B5 | 150 | 50 | 15 x 5 | 0,29 | 10 | |
| TGRC20B5 | 200 | 50 | 15 x 5 | 0,31 | 10 | |
| TGRC12 | 120 | 60 | 20 x 5 | 0,43 | 10 | |
| TGRC20B6 | 200 | 60 | 20 x 5 | 0,49 | 10 | |
| TGRC16 | 160 | 80 | 25 x 6 | 0,73 | 10 | |
| TGRC20B8 | 200 | 80 | 25 x 6 | 0,77 | 10 | |
| TGRC25B8 | 250 | 80 | 25 x 6 | 0,82 | 10 | |
| TGRC30B8 | 300 | 80 | 25 x 6 | 0,87 | 10 | |
| TGRC20 | 200 | 100 | 30 x 8 | 1,33 | 10 | |
| TGRC25S10 | 250 | 100 | 30 x 8 | 1,40 | 10 | |
| TGRC30S10 | 300 | 100 | 30 x 8 | 1,48 | 10 | |
| TGRC40S10 | 400 | 100 | 30 x 8 | 1,65 | 10 | |
| TGRC25 | 250 | 120 | 30 x 8 | 1,54 | 10 | |
| TGRC30S12 | 300 | 120 | 30 x 8 | 1,60 | 10 | |
| TGRC40S12 | 400 | 120 | 30 x 8 | 1,76 | 10 | |
| TGRC50S12 | 500 | 120 | 30 x 8 | 2,01 | 10 | |
| TGRC60S12 | 600 | 120 | 30 x 8 | 2,13 | 5 | |
| TGRC80S12 | 800 | 120 | 30 x 8 | 2,52 | 5 | |
| TGRC100S12 | 1000 | 120 | 30 x 8 | 2,84 | 5 | |
| TGRC30 | 300 | 140 | 35 x 9 | 2,10 | 10 | |
| TGRC40S14 | 400 | 140 | 35 x 9 | 2,40 | 5 | |
| TGRC50S14 | 500 | 140 | 35 x 9 | 2,71 | 5 | |
| TGRC60S14 | 600 | 140 | 35 x 9 | 2,92 | 5 | |
| TGRC80S14 | 800 | 140 | 35 x 9 | 3,43 | 5 | |
| TGRC100S14 | 1000 | 140 | 35 x 9 | 3,78 | 5 | |
| TGRC40 | 400 | 175 | 35 x 9 | 2,67 | 5 | |
| TGRC50S17 | 500 | 175 | 35 x 9 | 2,99 | 5 | |
| TGRC60S17 | 600 | 175 | 35 x 9 | 3,17 | 5 | |
| TGRC80S17 | 800 | 175 | 35 x 9 | 3,50 | 5 | |
| TGRC100S17 | 1000 | 175 | 35 x 9 | 4,00 | 5 | |



- Clamping force up to 5,500 N
- Ergonomically shaped handles
- Stable solid flat rail with serration

You will find accessories on Page 96



Malleable cast iron screw clamps



- Clamping force up to 6,500 N
- Strengthened design for higher clamping force and wider opening widths
- Stable solid flat rail with serration



Heavy duty malleable cast iron screw clamp TGKR with tried-and-true wooden handle



| Nº | ← a → | ← b → | ← x → |  |  | |
|---------|-------|-------|---------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TGKR50 | 500 | 120 | 35 x 11 | 2,70 | 5 | |
| TGKR60 | 600 | 120 | 35 x 11 | 2,90 | 5 | |
| TGKR80 | 800 | 120 | 35 x 11 | 3,50 | 5 | |
| TGKR100 | 1000 | 120 | 35 x 11 | 4,00 | 5 | |
| TGKR125 | 1250 | 120 | 35 x 11 | 4,70 | 5 | |
| TGKR150 | 1500 | 120 | 35 x 11 | 5,20 | 5 | |
| TGKR200 | 2000 | 120 | 35 x 11 | 6,50 | 5 | |



- Clamping force up to 5,500 N
- Tommy bar with rounded ends for simple transfer of force when clamping
- Stable solid flat rail with serration



Malleable cast iron screw clamp TRGC with tommy bar

| Nº | ← a → | ← b → | ← x → |  |  | |
|------------|-------|-------|--------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| TRC20KF | 200 | 100 | 30 x 8 | 1,33 | 10 | |
| TRC25S10KF | 250 | 100 | 30 x 8 | 1,13 | 10 | |
| TRC30S10KF | 300 | 100 | 30 x 8 | 1,51 | 10 | |
| TRC40S10KF | 400 | 100 | 30 x 8 | 1,65 | 10 | |
| TRC50S10KF | 500 | 100 | 30 x 8 | 1,46 | 10 | |
| TRC25S12KF | 250 | 120 | 30 x 8 | 1,54 | 10 | |
| TRC30S12KF | 300 | 120 | 30 x 8 | 1,60 | 10 | |
| TRC40S12KF | 400 | 120 | 30 x 8 | 1,76 | 5 | |
| TRC50S12KF | 500 | 120 | 30 x 8 | 2,01 | 10 | |
| TRC60S12KF | 600 | 120 | 30 x 8 | 2,16 | 5 | |
| TRC80S12KF | 800 | 120 | 30 x 8 | 2,46 | 5 | |

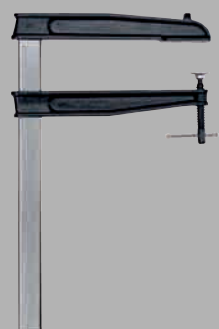
You will find accessories on Page 96

Malleable cast iron screw clamps



**Deep throat clamp TGNT
with tried-and-true wooden handle**

| № | ← a → | ← b → | ← x → | ⚖ | 📦 | VB0001 |
|-----------|-------|-------|---------|-------|------|--------|
| | mm | mm | mm | kg | qty. | |
| TGN30T20 | 300 | 200 | 35 x 11 | 3,11 | 1 | |
| TGN40T20 | 400 | 200 | 35 x 11 | 3,41 | 1 | |
| TGN60T20 | 600 | 200 | 35 x 11 | 3,97 | 1 | |
| TGN80T20 | 800 | 200 | 35 x 11 | 4,67 | 1 | |
| TGN100T20 | 1000 | 200 | 35 x 11 | 5,15 | 1 | |
| TGN40T25 | 400 | 250 | 40 x 11 | 4,50 | 1 | |
| TGN60T25 | 600 | 250 | 40 x 11 | 5,06 | 1 | |
| TGN80T25 | 800 | 250 | 40 x 11 | 5,71 | 1 | |
| TGN100T25 | 1000 | 250 | 40 x 11 | 6,63 | 1 | |
| TGN40T30 | 400 | 300 | 45 x 12 | 5,58 | 1 | |
| TGN60T30 | 600 | 300 | 45 x 12 | 6,41 | 1 | |
| TGN80T30 | 800 | 300 | 45 x 12 | 7,39 | 1 | |
| TGN100T30 | 1000 | 300 | 45 x 12 | 8,10 | 1 | |
| TGN40T40 | 400 | 400 | 45 x 12 | 6,70 | 1 | |
| TGN60T40 | 600 | 400 | 45 x 12 | 7,69 | 1 | |
| TGN80T40 | 800 | 400 | 45 x 12 | 8,41 | 1 | |
| TGN100T40 | 1000 | 400 | 45 x 12 | 9,34 | 1 | |
| TGN30T50 | 300 | 500 | 45 x 12 | 8,11 | 1 | |
| TGN60T50 | 600 | 500 | 45 x 12 | 9,36 | 1 | |
| TGN80T50 | 800 | 500 | 45 x 12 | 10,16 | 1 | |



**Deep throat screw clamp TGNT
with tommy bar**

| № | ← a → | ← b → | ← x → | ⚖ | 📦 | VB0001 |
|-----------|-------|-------|---------|-------|------|--------|
| | mm | mm | mm | kg | qty. | |
| TGN30T20K | 300 | 200 | 35 x 11 | 3,05 | 5 | |
| TGN40T20K | 400 | 200 | 35 x 11 | 3,21 | 5 | |
| TGN40T25K | 400 | 250 | 40 x 11 | 4,36 | 5 | |
| TGN60T25K | 600 | 250 | 40 x 11 | 4,98 | 5 | |
| TGN80T25K | 800 | 250 | 40 x 11 | 5,64 | 5 | |
| TGN40T30K | 400 | 300 | 45 x 12 | 5,53 | 5 | |
| TGN60T30K | 600 | 300 | 45 x 12 | 6,29 | 2 | |
| TGN80T30K | 800 | 300 | 45 x 12 | 7,15 | 2 | |
| TGN40T40K | 400 | 400 | 45 x 12 | 6,63 | 2 | |
| TGN60T40K | 600 | 400 | 45 x 12 | 7,52 | 2 | |
| TGN80T40K | 800 | 400 | 45 x 12 | 8,33 | 2 | |
| TGN30T50K | 300 | 500 | 45 x 12 | 8,01 | 2 | |
| TGN60T50K | 600 | 500 | 45 x 12 | 9,16 | 2 | |
| TGN80T50K | 800 | 500 | 45 x 12 | 10,01 | 2 | |

You will find accessories on Page 96



- Clamping force up to 7,000 N
- Heavy-duty design
- Large, stable solid flat rail with serration
- Throat depths to max. 500 mm

- Clamping force up to 7,000 N
- Heavy-duty design
- Large, stable solid flat rail with serration
- Tommy bar with rounded ends for simple transfer of force when clamping

Pump clamps

Powerful and efficient clamping



Powerful and time-saving

BESSEY pump clamps are used everywhere, where powerful and quick clamping is needed. Special

feature: The double spindle transmission means BESSEY pump clamps enable you to work even more quickly and more efficiently. This means you save valuable time!

The PZ pump clamp – universally applicable, for applications that demand high clamping force.

Pump clamps



Your benefits at a glance:

1 Double spindle mechanism

The double spindle mechanism means that the clamping bolt moves twice as far up and down for each turn of the tommy bar – both for clamping as well as on release.

2 Guided clamping bolts

Clamping bolt and pressure plate are manufactured from a single piece. The clamping bolt is guided firmly in the sliding arm, so that the pressure plate cannot buckle. For even faster set up on parallel workpieces.

3 Integrated BESSEY anti-slip system

Maximum safety is guaranteed with the integrated BESSEY anti-slip system. A hardened set screw molded into the sliding arm grips the serrations in the rail. This effectively prevents the clamp from dislodging or slipping away.

4 Stable solid plain rail

The BESSEY solid plain rail from our own drawing mill is particularly stable. The serrations also serve to prevent the clamp from slipping.



Pump clamp PZ



| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-----------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| PZ30S10K | 300 | 100 | 30 x 8 | 1,70 | 10 | |
| PZ40S10K | 400 | 100 | 30 x 8 | 1,90 | 10 | |
| PZ60S10K | 600 | 100 | 30 x 8 | 2,30 | 5 | |
| PZ80S10K | 800 | 100 | 30 x 8 | 2,70 | 5 | |
| PZ100S10K | 1000 | 100 | 30 x 8 | 3,10 | 5 | |
| PZ120S10K | 1200 | 100 | 30 x 8 | 3,50 | 5 | |
| PZ30S15K | 300 | 150 | 35 x 9 | 2,40 | 10 | |
| PZ40S15K | 400 | 150 | 35 x 9 | 2,60 | 10 | |
| PZ60S15K | 600 | 150 | 35 x 9 | 3,10 | 5 | |
| PZ80S15K | 800 | 150 | 35 x 9 | 3,50 | 5 | |
| PZ100S15K | 1000 | 150 | 35 x 9 | 4,00 | 5 | |
| PZ120S15K | 1200 | 150 | 35 x 9 | 4,50 | 5 | |
| PZ150S15K | 1500 | 150 | 35 x 9 | 5,20 | 5 | |



- Clamping force up to 8,000 N
- Double spindle mechanism for quick clamping and release
- Guided, flat clamping bolt for parallel clamping
- BESSEY anti-slip system

OMEGA screw clamp

It's safe to say that it will give you maximum versatility during clamping



Setting new standards in terms of flexibility and safety

The OMEGA screw clamp GMZ offers you maximum flexibility and safety for day-to-day workshop use, and on the construction site. Its unique, patented OMEGA bend maintains the clamping pressure

even when the all-steel screw clamp is shaken by vibrations. It also ensures that sensitive surfaces receive the necessary protection because the clamping pressure can be selected even more precisely. Universally applicable – for both wood- and metalworking. That's safe to say!

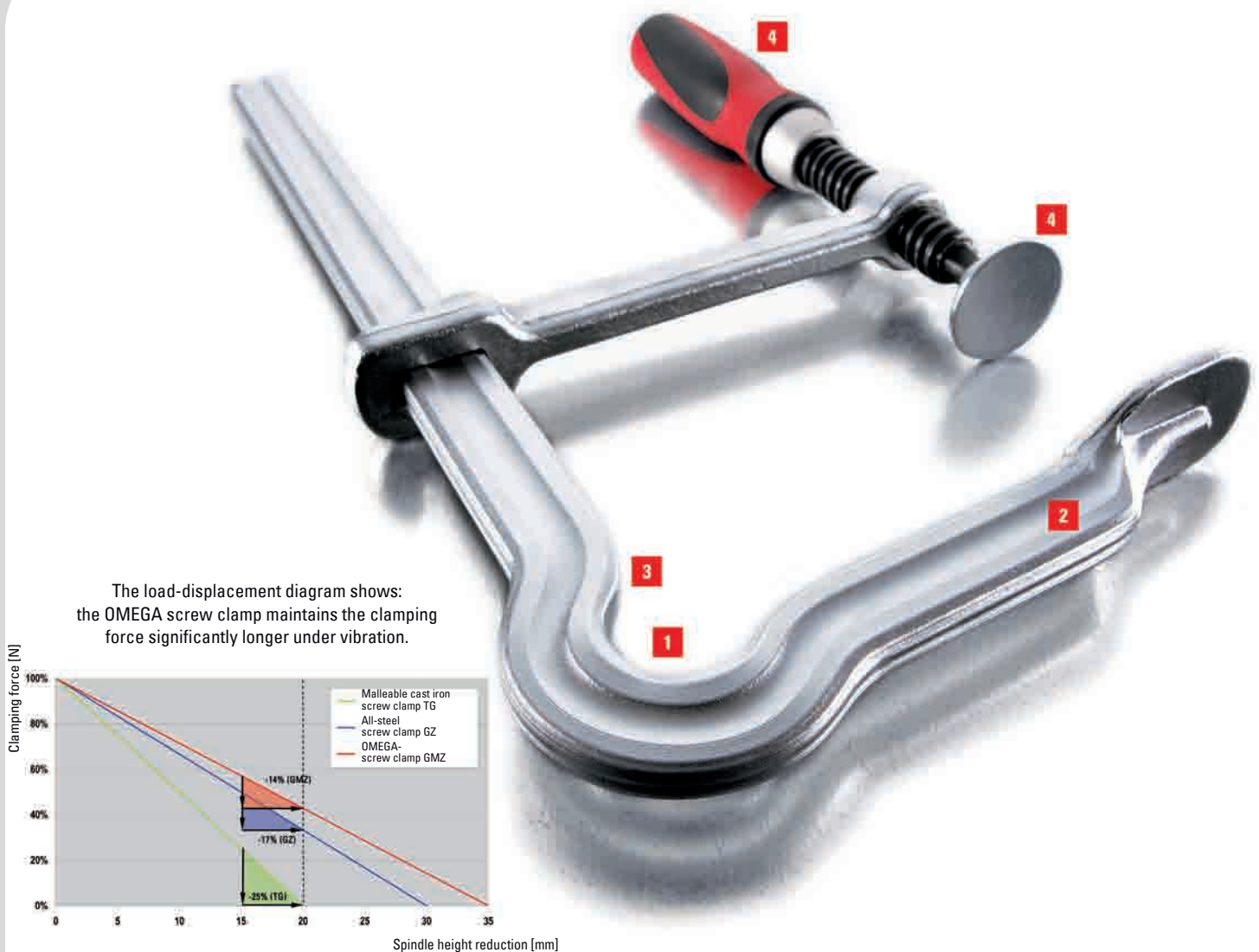
The OMEGA screw clamp GMZ – universally applicable, for everything from wood to metal processing.

Unique, patented OMEGA bend – low losses of clamping pressure, even when strong vibrations are present.



OMEGA screw clamp GMZ

**It has a gentle reserve of power,
with the patented OMEGA bend**



Greater safety with the OMEGA-bend

The unique, patented OMEGA-bend increases the spring deflection of the OMEGA-screw clamp. The decrease in pressure at the point of clamping (...per spindle rotation) is significantly lower with the BESSEY OMEGA clamp than with a comparable malleable cast iron or all-steel screw clamp (see diagram). That means that, even when vibrations are present, this clamp will maintain its clamping pressure longer than a conventional screw, thereby offering greater working safety. Don't settle for less!

Your benefits at a glance:

1 Innovative OMEGA bend

The patented OMEGA bend gives you added safety. It means you lose even less clamping pressure, even when vibrations are present.

2 Versatility

Fixed arm and pressure plate are produced and tempered from a single piece of high quality BESSEY steel. Clamping is resilient and strong.

3 Close flat clamping

The OMEGA bend allows you to place the clamp absolutely flat to the surface of the work piece. This allows clamping right into the corners.



4 BESSEY Best-Comfort-System

With BESSEY Best-Comfort-System, all applications and tasks are well within your grasp. Pressure plates can be changed quickly without the need for tools, to make BESSEY comfort still more inviting.

OMEGA screw clamp





**OMEGA screw clamp GMZ
with BESSEY Best-Comfort-System**

| № | ← a → | ← b → | ← x → |  |  | VB0002 |
|-------------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| GM16Z-2K | 160 | 80 | 16 x 7.5 | 0,57 | 10 | |
| GM40B8Z-2K | 400 | 80 | 16 x 7.5 | 0,76 | 10 | |
| GM20Z-2K | 200 | 100 | 19.5 x 9.5 | 0,94 | 10 | |
| GM30S10Z-2K | 300 | 100 | 19.5 x 9.5 | 1,05 | 10 | |
| GM25Z-2K | 250 | 120 | 22 x 10.5 | 1,35 | 10 | |
| GM50S12Z-2K | 500 | 120 | 22 x 10.5 | 1,80 | 10 | |
| GM30Z-2K | 300 | 140 | 25 x 12 | 1,91 | 10 | |
| GM40Z-2K | 400 | 120 | 25 x 12 | 2,13 | 10 | |
| GM50Z-2K | 500 | 120 | 25 x 12 | 2,33 | 5 | |
| GM60Z-2K | 600 | 120 | 25 x 12 | 2,55 | 5 | |
| GM80Z-2K | 800 | 120 | 27 x 13 | 3,29 | 5 | |
| GM100Z-2K | 1000 | 120 | 27 x 13 | 3,75 | 5 | |
| GM125Z-2K | 1250 | 120 | 27 x 13 | 4,40 | 1 | |



**OMEGA-screw clamp GMZ
with tommy bar**

| № | ← a → | ← b → | ← x → |  |  | VB0002 |
|---------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| GM16ZK | 160 | 80 | 16 x 7.5 | 0,50 | 10 | |
| GM20ZK | 200 | 100 | 19.5 x 9.5 | 0,88 | 10 | |
| GM25ZK | 250 | 120 | 22 x 10.5 | 1,25 | 10 | |
| GM30ZK | 300 | 140 | 25 x 12 | 1,84 | 10 | |
| GM40ZK | 400 | 120 | 25 x 12 | 2,00 | 10 | |
| GM50ZK | 500 | 120 | 25 x 12 | 2,22 | 5 | |
| GM60ZK | 600 | 120 | 25 x 12 | 2,44 | 5 | |
| GM80ZK | 800 | 120 | 27 x 13 | 3,16 | 5 | |
| GM100ZK | 1000 | 120 | 27 x 13 | 3,64 | 5 | |
| GM125ZK | 1250 | 120 | 27 x 13 | 4,25 | 1 | |

You will find accessories on Page 96



- Clamping force up to 5,000 N
- High-quality 2-component plastic handle
- Pressure plates can be replaced with no need for tools
- Fixed jaw and sliding arm are constructed of tempered steel for resilient clamping
- Universally applicable within the fields of wood and metal processing

- Clamping force up to 5,000 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
- Universally applicable within the fields of wood and metal processing

All-steel screw clamps

Resilient strength



All-steel screw clamps – the model for many innovative clamping tools

The original BESSEY all-steel screw clamps are the perfect step forward from the original BESSEY malleable cast iron screw clamps. The original BESSEY all-steel screw clamps allow an amazingly

wide range of applications. Over the years, a great number of innovative clamping tools have been developed on the basis of the all-steel screw clamps, e.g. lever clamps, high-performance clamps, surface clamps, one-handed clamps, and rafter clamps. They all benefit from BESSEY's unique all-steel quality.

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.

Original BESSEY all-steel screw clamp

BESSEY's unrivalled all-steel quality



Your benefits at a glance:

1 Versatility

Fixed arm and pressure plate are produced and tempered from a single piece of high quality BESSEY steel. Clamping is resilient and strong.

2 Forged sliding arm

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

3 Smooth-running spindle

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

4 Low weight

Thanks to its low weight, the original BESSEY all-steel screw clamp is ideally suited to assembly work on the move. Or indeed for larger applications for which several screw clamps are required at the same time.

Particularly light and easy to handle

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



- Clamping force up to 5,000 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



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



| № | ← a → | ← b → | ← x → |  |  | VB0002 |
|-------------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| G10Z-2K | 100 | 50 | 11.5 x 5.6 | 0,19 | 10 | |
| G12Z-2K | 120 | 60 | 13.5 x 6.5 | 0,29 | 10 | |
| G16Z-2K | 160 | 80 | 16 x 7.5 | 0,48 | 10 | |
| G20B8Z-2K | 200 | 80 | 16 x 7.5 | 0,50 | 10 | |
| G40B8Z-2K | 400 | 80 | 16 x 7.5 | 0,67 | 10 | |
| G20Z-2K | 200 | 100 | 19.5 x 9.5 | 0,85 | 10 | |
| G25S10Z-2K | 250 | 100 | 19.5 x 9.5 | 0,90 | 10 | |
| G30S10Z-2K | 300 | 100 | 19.5 x 9.5 | 1,02 | 10 | |
| G40S10Z-2K | 400 | 100 | 19.5 x 9.5 | 1,10 | 10 | |
| G50S10Z-2K | 500 | 100 | 19.5 x 9.5 | 1,24 | 10 | |
| G25Z-2K | 250 | 120 | 22 x 10.5 | 1,25 | 10 | |
| G30S12Z-2K | 300 | 120 | 22 x 10.5 | 1,38 | 10 | |
| G40S12Z-2K | 400 | 120 | 22 x 10.5 | 1,54 | 10 | |
| G50S12Z-2K | 500 | 120 | 22 x 10.5 | 1,70 | 10 | |
| G60S12Z-2K | 600 | 120 | 22 x 10.5 | 1,90 | 5 | |
| G80S12Z-2K | 800 | 120 | 22 x 10.5 | 2,20 | 5 | |
| G100S12Z-2K | 1000 | 120 | 22 x 10.5 | 2,45 | 5 | |
| G30Z-2K | 300 | 140 | 25 x 12 | 1,85 | 10 | |
| G40Z-2K | 400 | 120 | 25 x 12 | 2,00 | 10 | |
| G50Z-2K | 500 | 120 | 25 x 12 | 2,20 | 5 | |
| G60Z-2K | 600 | 120 | 25 x 12 | 2,40 | 5 | |
| G80Z-2K | 800 | 120 | 27 x 13 | 3,16 | 5 | |
| G100Z-2K | 1000 | 120 | 27 x 13 | 3,65 | 5 | |
| G125Z-2K | 1250 | 120 | 27 x 13 | 4,27 | 1 | |

You will find accessories on Page 96

All-steel screw clamps



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



| № | ← a → | ← b → | ← x → |  |  | VB0002 |
|---------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| G10Z | 100 | 50 | 11.5 x 5.6 | 0,19 | 10 | |
| G20B5Z | 200 | 50 | 11.5 x 5.6 | 0,24 | 10 | |
| G30B5Z | 300 | 50 | 11.5 x 5.6 | 0,28 | 10 | |
| G12Z | 120 | 60 | 13.5 x 6.5 | 0,29 | 10 | |
| G20B6Z | 200 | 60 | 13.5 x 6.5 | 0,35 | 10 | |
| G30B6Z | 300 | 60 | 13.5 x 6.5 | 0,41 | 10 | |
| G16Z | 160 | 80 | 16 x 7.5 | 0,48 | 10 | |
| G20B8Z | 200 | 80 | 16 x 7.5 | 0,50 | 10 | |
| G20Z | 200 | 100 | 19.5 x 9.5 | 0,85 | 10 | |
| G30S10Z | 300 | 100 | 19.5 x 9.5 | 1,02 | 10 | |
| G25Z | 250 | 120 | 22 x 10.5 | 1,25 | 10 | |
| G30S12Z | 300 | 120 | 22 x 10.5 | 1,38 | 10 | |
| G40S12Z | 400 | 120 | 22 x 10.5 | 1,54 | 10 | |
| G30Z | 300 | 140 | 25 x 12 | 1,85 | 10 | |
| G40Z | 400 | 120 | 25 x 12 | 2,00 | 10 | |
| G50Z | 500 | 120 | 25 x 12 | 2,20 | 5 | |
| G60Z | 600 | 120 | 25 x 12 | 2,40 | 5 | |
| G80Z | 800 | 120 | 27 x 13 | 3,16 | 5 | |
| G100Z | 1000 | 120 | 27 x 13 | 3,65 | 5 | |
| G125Z | 1250 | 120 | 27 x 13 | 4,27 | 1 | |



- Clamping force up to 5,000 N
- Fixed jaw and sliding arm are constructed of tempered steel for resilient clamping
- Ergonomically shaped handles



**Original BESSEY all-steel screw clamp GZ
with tommy bar**

| № | ← a → | ← b → | ← x → |  |  | VB0002 |
|--------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | |
| G16ZK | 160 | 80 | 16 x 7.5 | 0,46 | 10 | |
| G20ZK | 200 | 100 | 19.5 x 9.5 | 0,83 | 10 | |
| G25ZK | 250 | 120 | 22 x 10.5 | 1,20 | 10 | |
| G30ZK | 300 | 140 | 25 x 12 | 1,79 | 10 | |
| G40ZK | 400 | 120 | 25 x 12 | 1,95 | 10 | |
| G50ZK | 500 | 120 | 25 x 12 | 2,17 | 5 | |
| G60ZK | 600 | 120 | 25 x 12 | 2,37 | 5 | |
| G80ZK | 800 | 120 | 27 x 13 | 3,11 | 5 | |
| G100ZK | 1000 | 120 | 27 x 13 | 3,58 | 5 | |
| G125ZK | 1250 | 120 | 27 x 13 | 4,17 | 0 | |

You will find accessories on Page 96

- Clamping force up to 5,000 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

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,

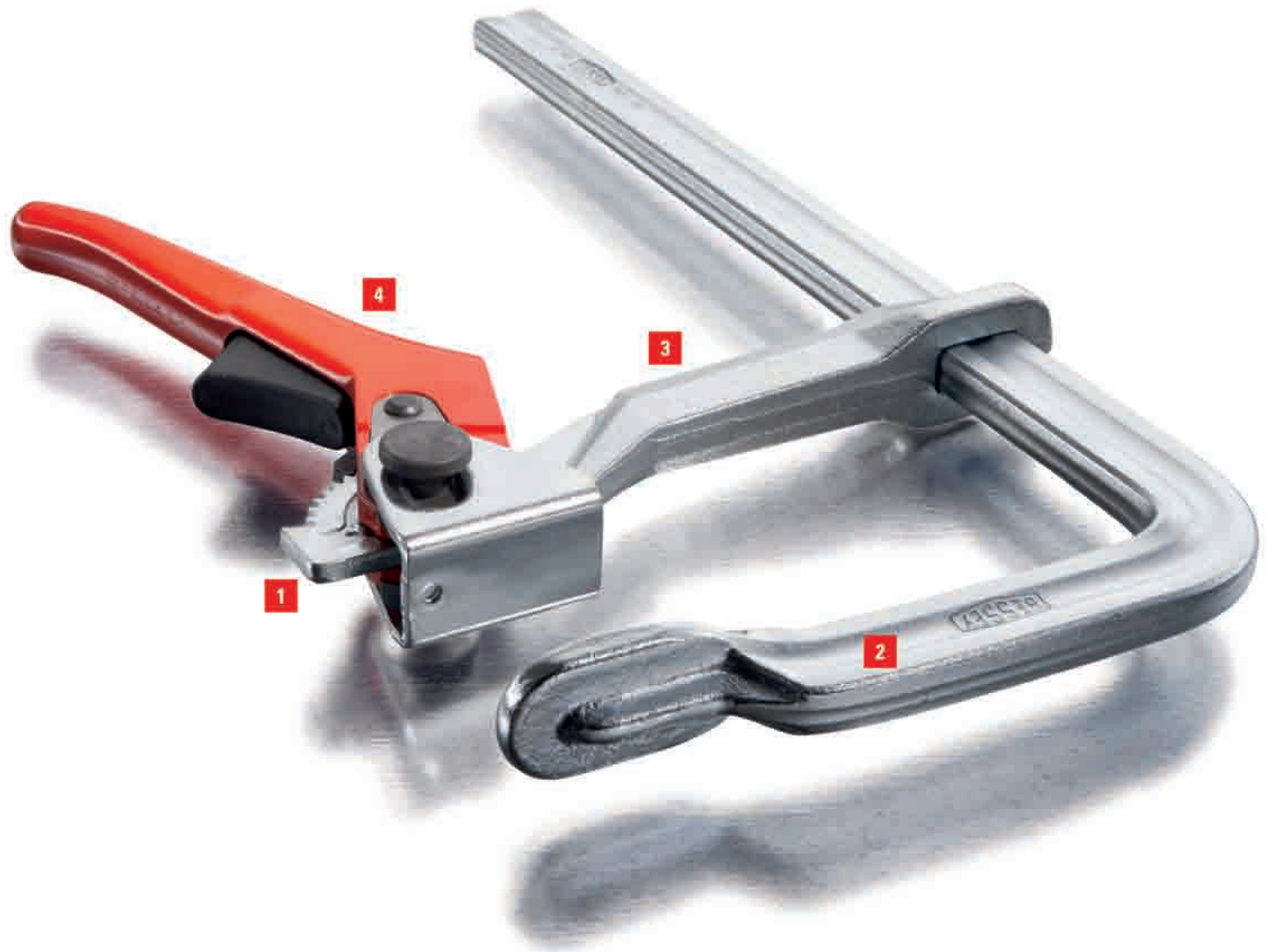
meaning that with just a small amount of effort they can quickly produce large clamping pressures. This is particularly valuable in situations where many clamps have to be applied in a short time, with lower risk of loosening due to heavy vibration. Try it out!

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.



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 Ergonomically shaped clamping lever

The powder-coated clamping lever and the plastic-coated release lever are also remarkably ergonomic.

Lever clamps



Lever clamp Synchro-Lock GHS

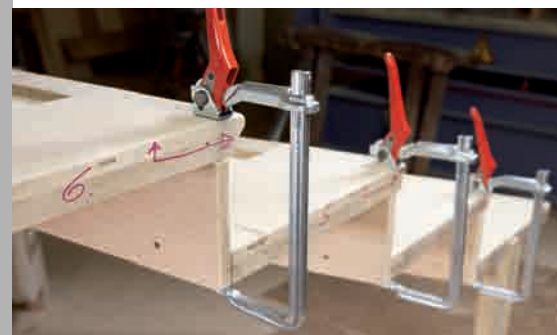
| № | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|----------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| GHS25-12 | 250 | 120 | 25 x 12 | 2,18 | 10 | |
| GHS30-12 | 300 | 120 | 25 x 12 | 2,24 | 10 | |
| GHS40-12 | 400 | 120 | 25 x 12 | 2,60 | 10 | |
| GHS60-12 |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

- 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 → | ⚖ | 📦 | |
|---------|-------|-------|------------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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 | 1,11 | 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 | 2,41 | 10 | |
| G50H | 500 | 120 | 25 x 12 | 2,61 | 5 | |
| G60H | 600 | 120 | 25 x 12 | 2,84 | 5 | |
| G80H | 800 | 120 | 27 x 13 | 3,58 | 5 | |
| G100H | 1000 | 120 | 27 x 13 | 4,06 | 5 | |



- Rapid – up to 5 times faster than conventional clamps
- Secure – vibration resistant
- Strong – high clamping force
- Clamping force up to 8,000 N



Lever clamp SGHS, heavy duty

| № | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|---------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| SG-25HS | 250 | 120 | 30 x 15 | 3,05 | 5 | |
| SG-50HS | 500 | 120 | 30 x 15 | 3,83 | 5 | |

- Heavy design
- Rapid – up to 5 times faster than conventional clamps
- Secure – vibration resistant
- Strong – high clamping force
- Clamping force up to 9,500 N

High-performance clamps

High-performance clamping

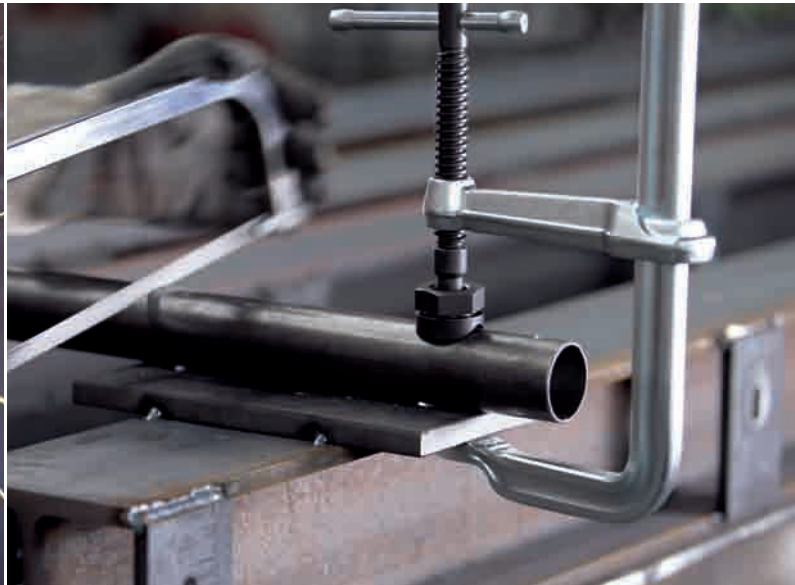


Clamping force of up to 40,000 N

Increasingly high clamping pressures, with larger throat depths and wider openings. These are the demands that original BESSEY high-performance clamps need to fulfil on a daily basis. Used in steel and boiler construction, shipbuilding and automotive engineering. Also in heavy timber

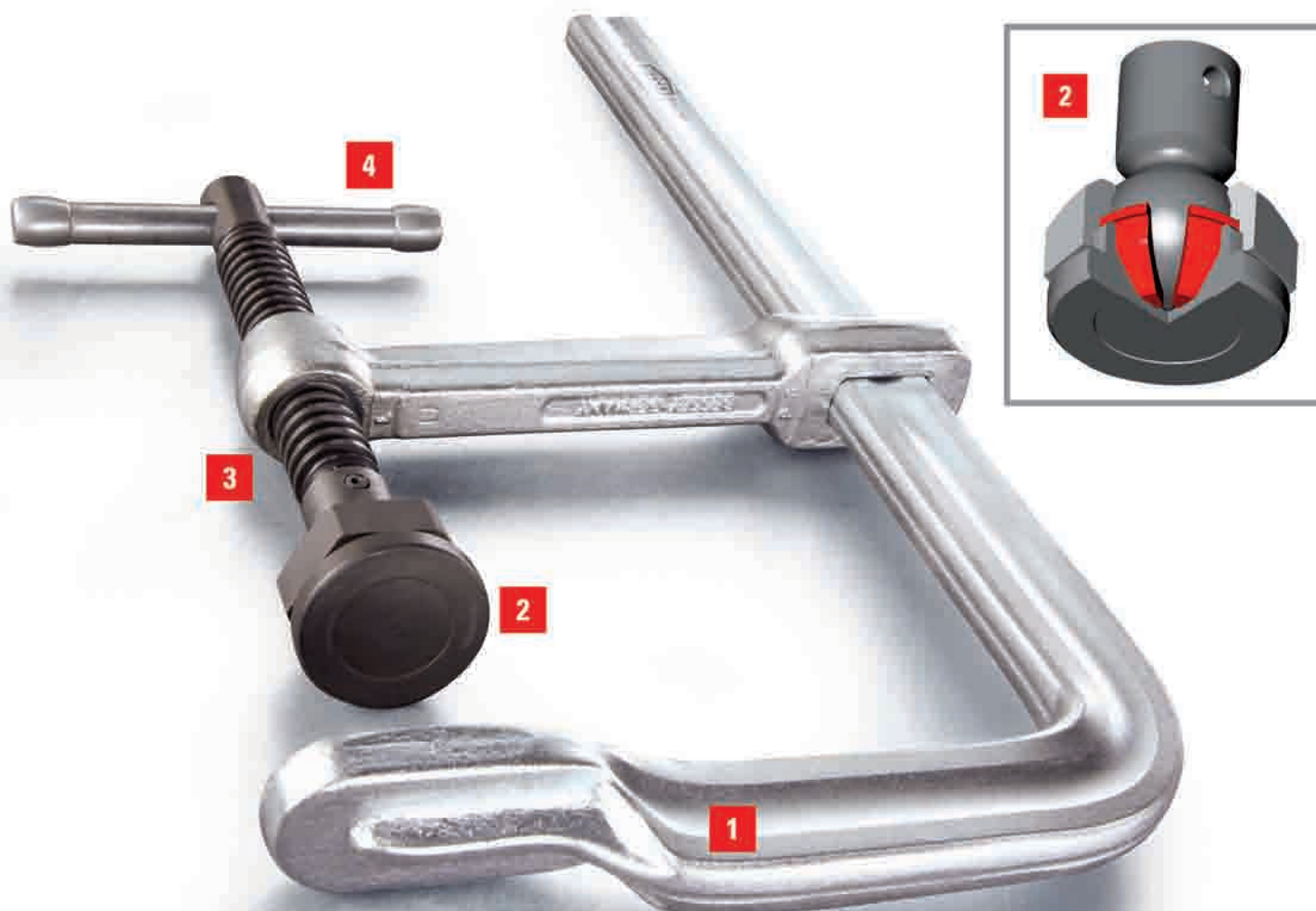
construction, laminated wood beam construction, and carpentry. In other words, wherever sturdy or heavy parts need to be clamped very securely, with a very high clamping pressure. Developed on the basis of the tried-and-tested BESSEY all-steel screw clamp, the original BESSEY high-performance clamps 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



Your benefits at a glance:

1 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.

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 friction resistant properties of the sintered steel insert.

3 Tempered spindle

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

4 Sturdy tommy bar

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

High-performance clamps



Fitters' clamp SGLM



| Nº | ← a → | ← b → | ← x → | | | |
|--------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| SGL20M | 200 | 120 | 27 x 13 | 1,88 | 5 | |
| SGL25M | 250 | 120 | 27 x 13 | 2,00 | 5 | |
| SGL30M | 300 | 120 | 27 x 13 | 2,11 | 5 | |
| SGL40M | 400 | 120 | 27 x 13 | 2,34 | 5 | |
| SGL50M | 500 | 120 | 27 x 13 | 2,60 | 5 | |
| SGL60M | 600 | 120 | 27 x 13 | 2,82 | 5 | |

- Clamping force up to 8,500 N
- Tightening torque: 25 Nm



High-performance clamp SGM



| Nº | ← a → | ← b → | ← x → | | | |
|--------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| SG20M | 200 | 120 | 30 x 15 | 2,38 | 5 | |
| SG25M | 250 | 120 | 30 x 15 | 2,58 | 5 | |
| SG30M | 300 | 140 | 30 x 15 | 3,00 | 5 | |
| SG40M | 400 | 120 | 30 x 15 | 3,17 | 5 | |
| SG50M | 500 | 120 | 30 x 15 | 3,40 | 5 | |
| SG60M | 600 | 120 | 30 x 15 | 3,80 | 5 | |
| SG80M | 800 | 120 | 30 x 15 | 4,45 | 5 | |
| SG100M | 1000 | 120 | 30 x 15 | 4,95 | 5 | |
| SG125M | 1250 | 120 | 30 x 15 | 5,87 | 1 | |
| SG150M | 1500 | 120 | 30 x 15 | 6,65 | 1 | |

Also available with lever handle - see page 39



- Clamping force up to 12,000 N
- Tightening torque: 40 Nm



High-performance clamp SGTM,



| Nº | ← a → | ← b → | ← x → | | | |
|----------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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

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

| Nº | ← a → | ← b → | ← x → | | | |
|---------|-------|-------|---------|-------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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

| Nº | ← a → | ← b → | ← x → | | | |
|---------|-------|-------|---------|-------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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

| Nº | ← a → | ← b → | ← x → | | | |
|---------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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 | |



Pressure plate for high-performance clamps

| Nº | Description | Suitable for | |
|---------|-------------|---|--------|
| | | | VB0003 |
| 3101192 | serrated | High-performance clamps SGLM, SGM, STBM, STBVC, SGU, STBU, SPZ80K | |
| 3101193 | V-grooved | High-performance clamps SGLM, SGM, STBM, STBVC, SGU, STBU, SPZ80K | |

- Serrated surface for a secure grip on soiled workpieces

U-clamps

Step-over clamping



The SGU high-performance clamp – with U-shaped fixed arm for step-over clamping with no need for spacers.

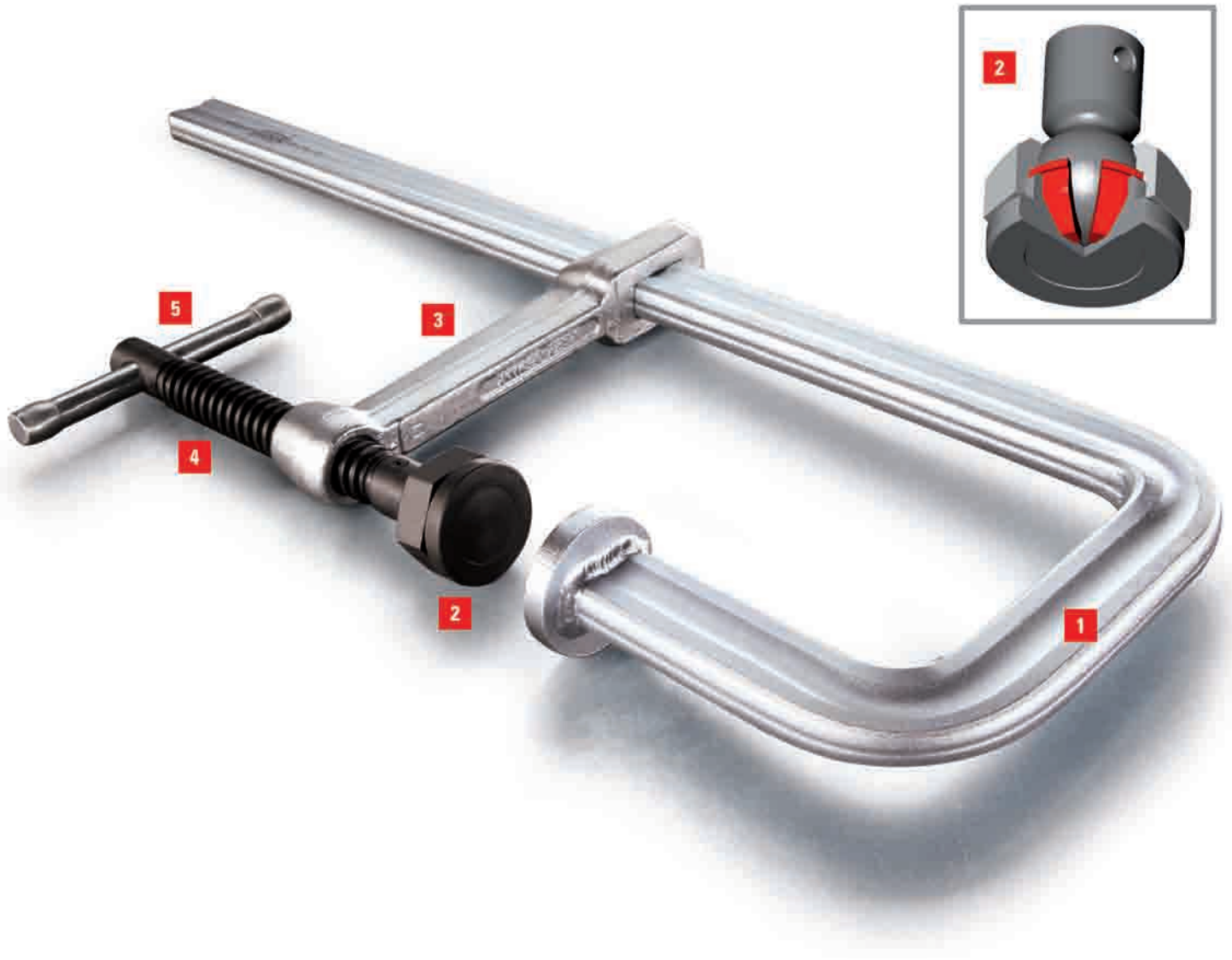
No spacers or extension pieces necessary

The original BESSEY U-clamps have been developed on the basis of the tried-and-tested all-steel, lever and high-performance clamps. The characteri-

stic 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.

U-clamps

Step-over clamping



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.

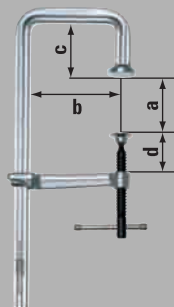
4 Tempered spindle

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

| Nº | ← a → | ← b → | ← c → | ← d → | ← x → | | | |
|-------------|-------|-------|-------|-------|-----------|------|------|--------|
| | mm | mm | mm | mm | mm | kg | qty. | VB0002 |
| GU25-12-6ZK | 250 | 120 | 60 | 60 | 22 x 10.5 | 1,46 | 10 | |

- Clamping force up to 4,000 N
- Step-over clamping, specially suited for T-profiles and I-profiles
- Low weight
- Tempered steel and cross-arm for resilient and elastic clamping



U-shaped high-performance clamp SGU

| Nº | ← a → | ← b → | ← c → | ← d → | ← x → | | | |
|-------------|-------|-------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | mm | mm | kg | qty. | VB0002 |
| 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

| Nº | ← a → | ← b → | ← c → | ← d → | ← x → | | | |
|--------------|-------|-------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | mm | mm | kg | qty. | VB0002 |
| STBU40-17-15 | 500 | 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

| Nº | ← a → | ← b → | ← c → | ← d → | ← x → | | | |
|------------|-------|-------|-------|-------|-----------|------|------|--------|
| | mm | mm | mm | mm | mm | kg | qty. | VB0002 |
| 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 5x faster than regular clamps



Claw clamps

Clamping and spreading in confined spaces



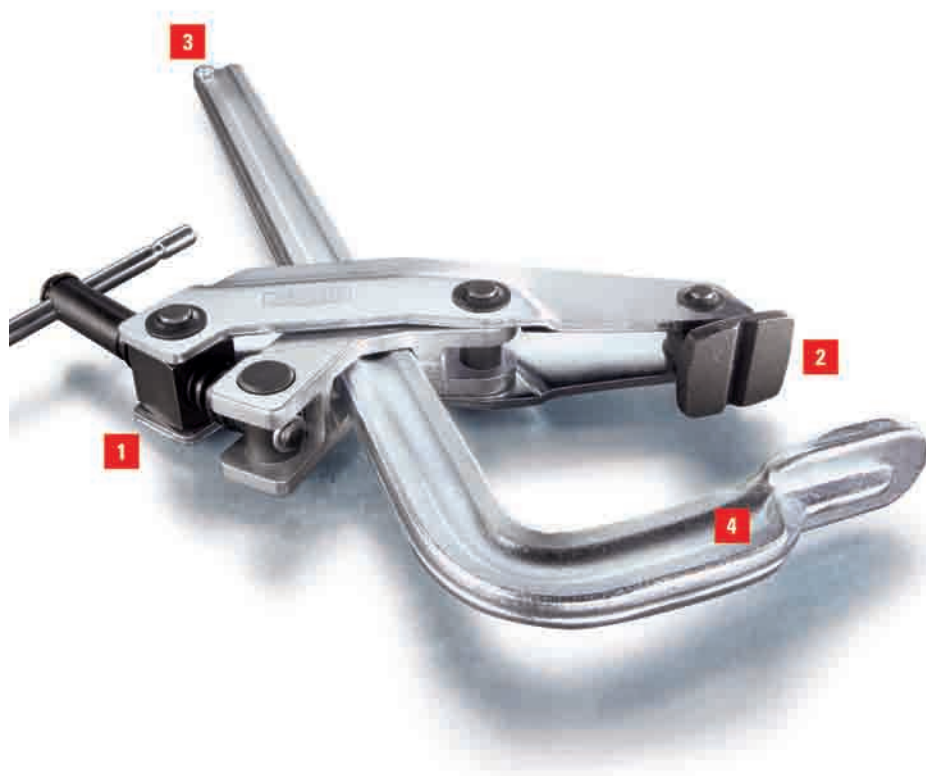
Ideal for particularly challenging tasks

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.

Claw clamps



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

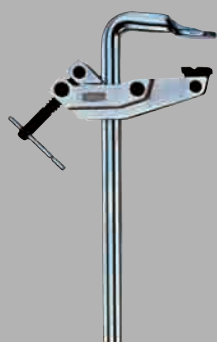
The end stop can be removed – to allow the sliding arm to be quickly turned around for spreading.

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



| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|--------|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| 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



| Nº | ⚖ | 📦 | |
|-----|------|------|--------|
| | kg | qty. | VB0002 |
| GRD | 0,70 | 2 | |



- 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



C-clamp VC, stable

| № | ← a → | | ← b → | | ← x → | | | | |
|------|---------|-----------|-------|-------|------------|----|------|------|--------|
| | mm | " | mm | " | mm | kN | kg | qty. | |
| VC2 | 0 - 50 | 0 - 2 | 50 | 2 | 19.5 x 9.5 | 7 | 0,43 | 10 | VB0002 |
| 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 → | | | | | |
|-------|---------|-----------|-------|--------|------|------|------|--------|
| | mm | " | mm | " | kN | kg | qty. | |
| SC40 | 0 - 40 | 0 - 1 5/8 | 40 | 1 5/8 | 5.5 | 0,40 | 10 | VB0002 |
| SC60 | 0 - 60 | 0 - 2 3/8 | 55 | 2 3/16 | 5.5 | 0,57 | 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 → | | | | | |
|--------|---------|-----------|-------|-------|------|------|------|--------|
| | mm | " | mm | " | kN | kg | qty. | |
| CDF402 | 0 - 50 | 0 - 2 | 55 | 2 | 12 | 0,61 | 36 | VB0002 |
| 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 | |

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

C-clamps



C-clamp CDF-C

| № | ← a → | | ← b → | | | | | |
|---------|---------|-----------|-------|-------|------|------|----|--|
| | mm | " | mm | " | | | | |
| CDF402C | 0 - 50 | 0 - 2 | 55 | 2 | 12 | 0,61 | 36 | |
| 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 | |
| CDF412C | 50-305 | 2 - 12 | 160 | 5 3/4 | 20 | 6,44 | 2 | |

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



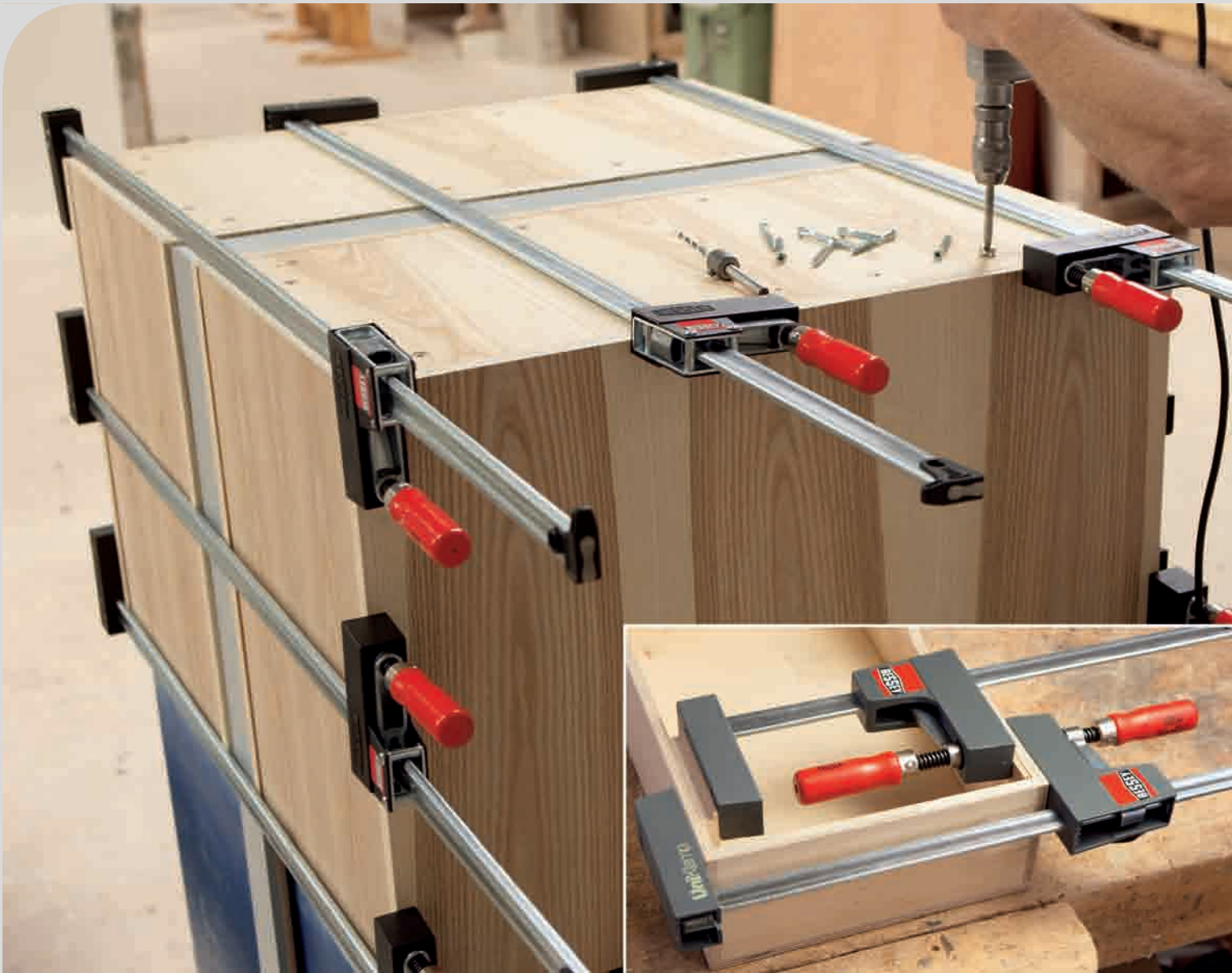
C-clamp M, extremely heavy duty

| № | ← a → | | ← b → | | | | | |
|------|---------|-----------|-------|-------|----|-------|---|--|
| | 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 clamp. It allows easy clamping and spreading of sensitive surfaces and right angles. Also round and pointed workpieces. And the best thing is: thanks to

their extra-large contact surfaces, the original BESSEY K-body clamp and the UniKlamp 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 clamp – holds workpieces exactly parallel.

The UniKlamp UK – clamping and spreading along the entire length of the rail, with no blocking required.

Body clamps and area pressure clamps



Your benefits at a glance:

1 Parallel jaw faces

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

2 High-quality profiled rail

The BESSEY hollow profile rail from our own drawing plant has been especially optimised for clamps. The profile acts as a reliable reinforcement against torsional forces, while the serration prevents the clamp from slipping.

3 Removable end stop

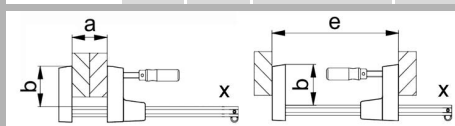
The end stop made from impact-resistant polyamide also gives the clamp added support. It can be removed without any tools, to allow the lower arm to be quickly turned around and used for spreading.



UniKlamp UK



| Nº | ← a → | ← b → | ← e → | ← x → | ⚖ | 📦 | |
|------|-------|-------|---------|--------|------|------|--------|
| | mm | mm | mm | mm | kg | qty. | VB0003 |
| 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

K-Body clamps

Clamping and spreading right along the rail



High strength and perfectly parallel

Wherever components with sensitive surfaces need to be powerfully clamped or spread at right angles to each other, the original BESSEY body clamp is the perfect tool. With clamping force of up to 5,000 N, it has proven itself as best-in-class for wood, plastic and aluminium construction. And, because you can use the entire length of the rail when working with the original BESSEY K-body clamp, it is ideally suited for the precise adjustment of corner joints, and for use on stepped edges.

Your benefits at a glance:

1 Parallel jaw faces

The large, flat 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.

2 Extremely sturdy

The special steel inserts in the fixed and sliding arms guarantee nearly perfect right-angles, and extreme sturdiness. Even at extremely high clamping pressures.

3 Integrated BESSEY anti-slip system

Maximum safety is guaranteed with the integrated BESSEY anti-slip system. Two hardened set screws molded into the sliding arm tightly grip the serrations in the rail. This effectively prevents the clamp from dislodging or slipping away.

4 Removable end stop

The end stop made from impact-resistant polyamide supports the end of the rail, keeping the rail parallel to the bench top. It can be removed without any tools, to allow the lower arm to be quickly turned around and used for spreading.



Body clamps and area pressure clamps

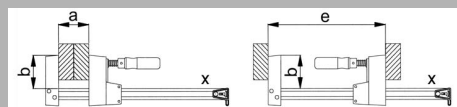


K-Body clamps K



KP

| Nº | ← a → | ← b → | ← e → | ← x → |  |  | |
|------|-------|-------|----------|--------|---|---|--------|
| | mm | mm | mm | mm | kg | qty. | VB0003 |
| K30 | 300 | 85 | 230-390 | 29 x 9 | 1,83 | 5 | |
| K60 | 600 | 85 | 230-730 | 29 x 9 | 2,40 | 5 | |
| K80 | 800 | 85 | 230-930 | 29 x 9 | 2,80 | 5 | |
| K100 | 1000 | 85 | 230-1130 | 29 x 9 | 3,28 | 5 | |
| K125 | 1250 | 85 | 230-1355 | 29 x 9 | 3,65 | 5 | |
| K150 | 1500 | 85 | 230-1610 | 29 x 9 | 4,13 | 5 | |
| K200 | 2000 | 85 | 230-2080 | 29 x 9 | 5,09 | 5 | |
| K250 | 2500 | 85 | 230-2580 | 29 x 9 | 6,05 | 5 | |
| KP | | | | | 0,40 | 1 | |





- Clamping force up to 5,000 N
- Large, parallel jaw faces
- Large-area surfaces for horizontal or vertical use
- Can be converted to spreading function with no need for tools
- BESSEY anti-slip system



Area pressure clamps FK



| Nº | ← a → | ← b → | ← x → |  |  | |
|---------|-------|-------|------------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| 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



| Nº | ← a → |  |  | |
|-------|----------------|---|---|--------|
| | mm | kg | qty. | VB0003 |
| KS70 | 700 | 3,60 | 1 | |
| KS100 | 1000 | 4,07 | 1 | |
| KS150 | 1500 | 4,67 | 1 | |
| KSV | Extension 1000 | 1,55 | 1 | |



- 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 DuoKlamp 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 DuoKlamp DUO – 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

One-handed clamps

One-handed clamping and spreading



DuoKlump – Change from a clamp to a preader with the turn of a dial

Whether you are clamping or spreading: the original **BESSEY DuoKlump** always lies securely in your hand. That's because the handle and pump lever are parallel to the rail, thus ensuring the best possible hold. The innovative **DuoKlump** makes going from clamping to spreading amazingly easy – ! all it takes is a turn of a knob! This allows you to switch the convenient one-handed clamp from clamping to spreading at any time. Simply turn the knob - and you're done. So all you need to do is switch – not convert.

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.

One-handed clamps



DuoKlamp DUO

| Nº | ← a → | ← b → | ← e → | ← f → | ← x → | kg | qty. | VB0003 |
|---------|-------|-------|--------|-------|--------|------|------|--------|
| | mm | mm | mm | mm | mm | | | |
| DUO16-6 | 160 | 65 | 58-215 | 7-165 | 15 x 5 | 0,30 | 6 | |
| DUO30-6 | 300 | 65 | 58-360 | 7-310 | 15 x 5 | 0,38 | 6 | |
| DUO16-8 | 160 | 85 | 75-235 | 9-170 | 20 x 5 | 0,66 | 6 | |
| DUO30-8 | 300 | 85 | 75-380 | 9-315 | 20 x 5 | 0,72 | 6 | |
| DUO45-8 | 450 | 85 | 75-535 | 9-470 | 20 x 5 | 0,83 | 6 | |
| DUO65-8 | 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



DuoKlamp-Display DUO-D

| Nº | Contents/pc. | Width x depth x height | kg | qty. | VB0003 |
|----------|--------------|------------------------|-------|------|--------|
| | | mm | | | |
| DUO45-8D | 30 x DUO45-8 | 490X400X1300 | 30,40 | 1 | |

- Professional sales display
- 30 clamps at an easily accessible height



One-handed clamp EZ

| Nº | ← a → | ← b → | ← x → | kg | qty. | VB0002 |
|--------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | | | |
| EZ15-8 | 150 | 80 | 19 x 6 | 0,65 | 10 | |
| EZ30-8 | 300 | 80 | 19 x 6 | 0,76 | 10 | |
| EZ45-8 | 450 | 80 | 19 x 6 | 0,87 | 10 | |
| EZ60-8 | 600 | 80 | 19 x 6 | 0,99 | 10 | |
| EZ90-8 | 900 | 80 | 19 x 6 | 1,20 | 10 | |

- Clamping force up to 1,100 N
- Convertible fixed part for spreading
- Handle behind the rail
- One-handed operation with little effort required

Lightweight clamps

Rapid, gentle clamping



The new 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 this new generation

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.



The lightweight clamp with magnesium



Your benefits at a glance:

The surface-coated fixed and sliding arms, made from sturdy magnesium, are extremely light and strong.

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

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.

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



KliKlump KLI

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|-------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| KLI12 | 120 | 80 | 20 x 5 | 0,26 | 6 | |
| KLI16 | 160 | 80 | 20 x 5 | 0,29 | 6 | |
| KLI20 | 200 | 80 | 20 x 5 | 0,32 | 6 | |
| KLI25 | 250 | 80 | 20 x 5 | 0,35 | 6 | |
| KLI30 | 300 | 80 | 20 x 5 | 0,38 | 6 | |
| KLI40 | 400 | 80 | 20 x 5 | 0,45 | 6 | |



- Clamping force up to 1,200 N
- Weight starts from a tiny 260 g
- Sturdy fixed and sliding arms made from lightweight magnesium
- Stepped, vibration-resistant VIBRAFIX ratchet mechanism



KliKlump set KLI-S in systainer

| Nº | Contents/pc. | ⚖ | 📦 | |
|-------|-------------------------------------|------|------|--------|
| | | kg | qty. | VB0003 |
| KLI-S | Per 4xKLI12 / KLI16 / KLI20 / KLI25 | 6,50 | 1 | |



- Practical systainer
- Ideal for assembly work



KliKlump counter display KLI-D

| Nº | Contents/pc. | ⚖ | 📦 | |
|-------|---------------------------------------|------|------|--------|
| | | kg | qty. | VB0003 |
| KLI-D | 2xKLI12 / 4xKLI16 / 6xKLI20 / 4xKLI25 | 5,70 | 1 | |

- Professional sales display
- Optimum presentation of the KliKlump

Lightweight clamps

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



Wood Klemmy HKL

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|--------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| HKL20 | 200 | 110 | 20 x 5 | 0,32 | 10 | |
| HKL30 | 300 | 110 | 20 x 5 | 0,46 | 10 | |
| HKL40 | 400 | 110 | 20 x 5 | 0,54 | 10 | |
| HKL60 | 600 | 110 | 20 x 5 | 0,70 | 10 | |
| HKL80 | 800 | 110 | 20 x 5 | 0,86 | 5 | |
| HKL100 | 1000 | 110 | 20 x 5 | 1,00 | 5 | |



Die-cast zinc screw clamp LM

| Nº | ← a → | ← b → | ← x → | ⚖ | 📦 | |
|---------|-------|-------|--------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| LM10/5 | 100 | 50 | 15 x 5 | 0,26 | 10 | |
| LM15/5 | 150 | 50 | 15 x 5 | 0,27 | 10 | |
| LM20/5 | 200 | 50 | 15 x 5 | 0,31 | 10 | |
| LM25/5 | 250 | 50 | 15 x 5 | 0,35 | 10 | |
| LM30/5 | 300 | 50 | 15 x 5 | 0,37 | 10 | |
| LM15/8 | 150 | 80 | 20 x 5 | 0,51 | 10 | |
| LM20/8 | 200 | 80 | 20 x 5 | 0,55 | 10 | |
| LM25/8 | 250 | 80 | 20 x 5 | 0,60 | 10 | |
| LM30/8 | 300 | 80 | 20 x 5 | 0,63 | 10 | |
| LM20/10 | 200 | 100 | 25 x 6 | 0,90 | 10 | |
| LM25/10 | 250 | 100 | 25 x 6 | 0,95 | 10 | |
| LM30/10 | 300 | 100 | 25 x 6 | 1,02 | 10 | |
| LM40/10 | 400 | 100 | 25 x 6 | 1,10 | 10 | |
| LM50/10 | 500 | 100 | 25 x 6 | 1,24 | 10 | |
| LM60/10 | 600 | 100 | 25 x 6 | 1,30 | 10 | |
| LM80/10 | 800 | 100 | 25 x 6 | 1,58 | 10 | |

- Small and easy to handle
- Low weight
- Upper and lower part made from tough die-cast zinc
- With plastic pressure cap



Aluminium mini clamp AM

| Nº | ← a → | ← b → | ⚖ | 📦 | |
|-----|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| AM4 | 47 | 34 | 0,06 | 30 | |

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

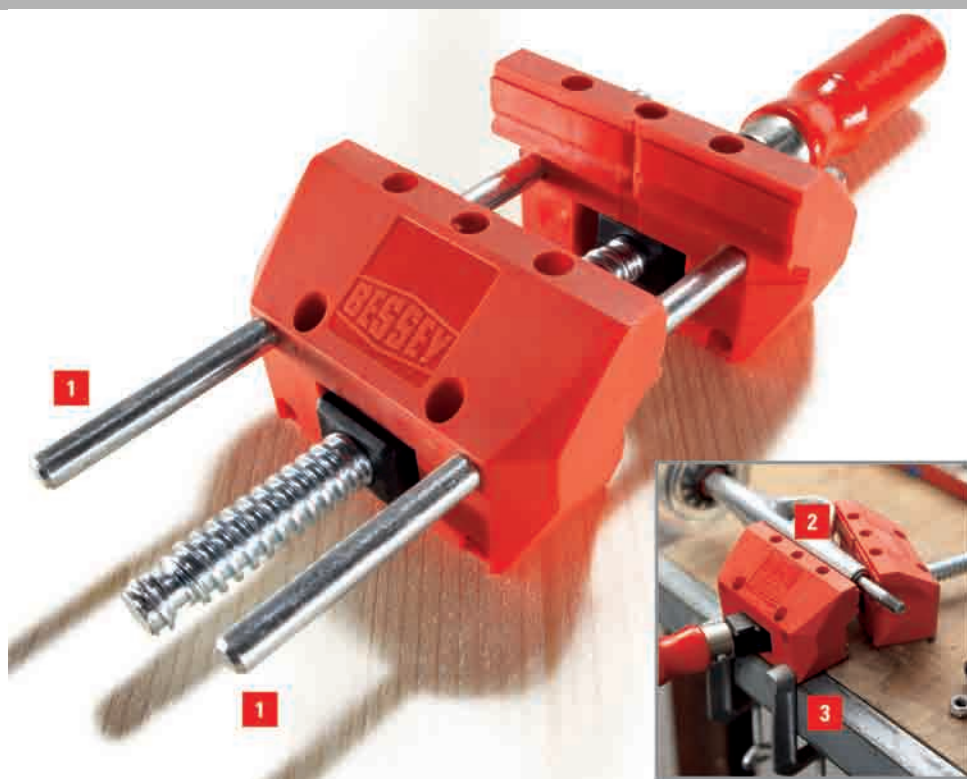


Table clamp TK 6

| Nº | ∅ | ← a → | ⚖ | 📦 | |
|-----|----|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| TK6 | 8 | 60 | 0,10 | 1 | |

- Especially for DIY applications and domestic appliances
- Special accessory for angle clamps WS 3/WS 6 and screw clamp S 10

Screw clamp and parallel screw clamps



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.



Mini Vice S 10



| Nº | ← a → | | | | |
|--------|-------|----|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| S10-ST | 100 | 90 | 0,83 | 6 | |



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



Parallel screw clamp PA



| Nº | ← a → | | | | |
|-------|-------|-----|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| PA28 | 28 | 50 | 0,08 | 1 | |
| PA40 | 40 | 60 | 0,10 | 1 | |
| PA55 | 55 | 75 | 0,18 | 1 | |
| PA70 | 70 | 100 | 0,43 | 1 | |
| PA105 | 105 | 135 | 0,92 | 1 | |

- Twin spindles
- Precisely parallel positioning of the jaw faces

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 "softpads" 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



Your benefits at a glance:

1 Swivelling clamping arm

The swivelling super polyamide clamping arm ensures optimum handling. It is light and can be quickly and infinitely adjusted up to max. 100 mm.

2 Ergonomic 2-component handle

The ergonomically shaped 2-component handle is fitted with soft material inserts. This makes the handle pleasantly soft, as well as particularly resistant to slipping.

3 Softpads

Particularly sensitive workpieces are effectively protected thanks to the "soft-pads". For all-round gentle clamping.



VarioClippix XV



| Nº | ← a → mm | ← b → mm | ⚖ kg | 📦 qty. | VB0003 |
|---------|-------------|-------------|---------|-----------|--------|
| XV3-50 | 55 | 37 | 0,07 | 12 | |
| XV5-100 | 100 | 50 | 0,13 | 12 | |

- Variable opening of up to 100 mm, yet can be operated with one hand
- Lightweight, functional and easy to handle
- Extremely sturdy



VarioClippix Display XV-D



| Nº | Contents/pc. | ⚖ kg | 📦 qty. | VB0003 |
|------|---------------------------|---------|-----------|--------|
| XV-D | 8 x XV3-50 / 12 x XV5-100 | 2,50 | 1 | |

- Professional sales display
- For counter and perforated panel



VarioClippix XV



| Nº | ← a → mm | ← b → mm | ⚖ kg | 📦 qty. | VB0003 |
|---------|-------------|-------------|---------|-----------|--------|
| XV5-170 | 170 | 50 | 0,14 | 12 | |

- Variable clamping width up to 170 mm, yet can be operated with one hand
- Lightweight, functional and easy to handle
- Extremely stable

Spring clamps



- Lightweight, functional and easy to handle
- Extremely sturdy



Clippix XC

| Nº | ← a → | ← b → | Contents/ pc. | | | |
|---------|-------|-------|------------------|------|------|--------|
| | mm | mm | | kg | qty. | VB0003 |
| XC1 | 20 | 20 | | 0,01 | 48 | |
| XC1-SET | 20 | 20 | 7 x XC1 | 0,06 | 12 | |
| XC2 | 25 | 30 | | 0,02 | 75 | |
| XC2-SET | 25 | 30 | 4 x XC2 | 0,05 | 12 | |
| XC3 | 35 | 37 | | 0,05 | 30 | |
| XC5 | 50 | 50 | | 0,12 | 20 | |
| XC7 | 75 | 70 | | 0,18 | 10 | |



- Long, pointed clamping arm for working in tight spaces
- Large width for clamping in borderless areas
- Soft, slip-proof grip pads



Clippix XCL, Needle nose spring clamp

| Nº | ← a → | ← b → | Contents/ pc. | | | |
|----------|-------|-------|------------------|------|------|--------|
| | mm | mm | | kg | qty. | VB0003 |
| XCL2 | 55 | 60 | | 0,02 | 48 | |
| XCL2-SET | 55 | 60 | 2 x XCL2 | 0,04 | 12 | |
| XCL5 | 75 | 115 | | 0,13 | 12 | |

Edge clamps

For all edge clamping needs!



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.

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!

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.

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



One-handed edge clamp EKT

| Nº | ← a → | ← b → | ⚖ | 📦 | |
|-------|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| EKT55 | 10-55 | 45 | 0,82 | 1 | |



Kantenfix KF



| Nº | ← a → | ← b → | ⚖ | 📦 | |
|-----|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| KF2 | 10-48 | 80 | 0,76 | 1 | |
| KF4 | 10-80 | 110 | 1,58 | 1 | |

Edge clamps



Edge clamp KT



| № | Description | For rail thickness up to max. |  |  | VB0001 |
|-------|-------------|----------------------------------|---|---|--------|
| | | mm | kg | qty. | |
| KT5-1 | 1 spindle | 13 | 0,31 | 1 | |
| KT5-2 | 2 spindles | 13 | 0,58 | 1 | |

- Practical accessory
- Suitable for conventional screw clamps with a max. rail thickness of 13 mm



C-frame edge clamp KT



| № | ← a → | ← b → |  |  | VB0003 |
|-------|-------|-------|---|---|--------|
| | mm | mm | kg | qty. | |
| KT8-3 | 0-80 | 80 | 2,37 | 5 | |

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



Edge-gluing clamp CKT



| № | ← a → | ← b → |  |  | VB0003 |
|--------|-------|-------|---|---|--------|
| | mm | mm | kg | qty. | |
| CKT7-6 | 0-70 | 60 | 1,57 | 1 | |

- Double-spindle C-screw clamp
- High pressure for gluing edges
- Arm made from malleable cast iron



Panel carrier KFP



| № | ← a → |  |  | VB0003 |
|-----|-------|---|---|--------|
| | mm | kg | qty. | |
| KFP | 10-65 | 1,01 | 4 | |

- Load-bearing capacity 75 kg
- For the safe transportation of panels of a variety of materials
- High-friction rubber coating on the moving clamping jaws



Band clamp and ratchet straps

Clamping frames and curves



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

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 clamp and ratchet straps



Your benefits at a glance:

- 1 Band is drawn in on both sides**
This ensures that the pressure is applied equally on all corners. This is just perfect for ensuring clamping without warpage.
- 2 Integrated coiling mechanism**
The integrated coiling mechanism is operated by a crank handle which avoids tangling of and damage to the band. So you never need to worry about your band getting "chewed up" ever again!
- 3 Practical Vario corners**
Whether you need high pressure on mitre joints or precise adjustment to corners: The practical Vario corners with tilting pressure plates perfectly complement the BESSEY band clamp.
- 4 Extremely tearproof**
The special woven polyester clamping band guarantees a high resistance to tearing, and a clamping range of 7 m. The simply closing system can be opened at any time, quickly and simply.



Band clamp BAN 700



| Nº | Clamping range | Band w x d mm | | kg | qty. | |
|--------|----------------|------------------|----------|--------|----------|--------|
| BAN700 | Up to 7 m | 25x1 | 60°-180° | 0,56 | 5 | VB0003 |



Vario corners BVE



| Nº | Band w x d mm | | kg | qty. | |
|-----|------------------|----------|--------|----------|--------|
| BVE | 25x1 | 60°-180° | 0,10 | 5 | VB0003 |



- Even pressure on mitre joints
- Contains: 1 band clamp, 4 Vario corners
- Infinite angle adjustment from 60-180°
- Contains: 6 Vario corners

Band clamp and ratchet straps



- Clamp right-angled work pieces with 4 plastic corners
- Even pressure for unusual shapes



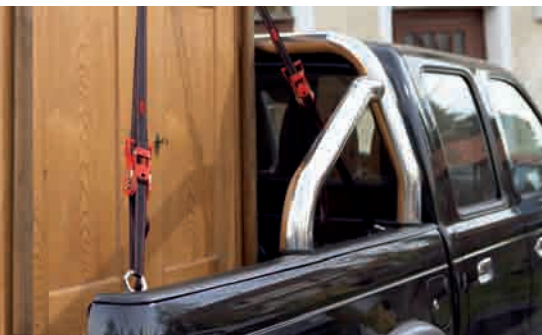
Band clamp BAN400

| Nº | Clamping range | Band w x d | | | |
|--------|----------------|------------|------|------|--------|
| | | mm | kg | qty. | VB0003 |
| BAN400 | Up to 4 m | 24x1 | 0,48 | 5 | |



Ratchet transportation belt BTR/BTRH

| Nº | Clamping range | Band w x d | Clamping pressure | | | |
|---------|----------------|------------|-------------------|------|------|--------|
| | | mm | app. N | kg | qty. | VB0003 |
| BTR400 | Up to 4 m | 24x1 | 2000 | 0,33 | 5 | |
| BTRH400 | Up to 4 m | 24x1 | 2000 | 0,35 | 5 | |
| BTR600 | Up to 6 m | 26x1 | 2500 | 0,52 | 5 | |



- Clamping force up to 250 kg
- Simple application of pressure with ratchet mechanism
- For securing loads during transportation
- With two hooks (BTRH)



Strap set BT400

| Nº | Clamping range | Band w x d | Clamping pressure | | | |
|-------|----------------|------------|-------------------|------|------|--------|
| | | mm | approx. N | kg | qty. | VB0003 |
| BT400 | Up to 4 m | 24x1 | 1200 | 0,28 | 5 | |

- Clamping force up to 120 kg
- For securing loads during transportation
- Contents: 2 straps with clips

Angle and mitre clamps

Clamping angles and mitres



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

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!

Angle and mitre clamps



- Automatic adjustment to variously-sized work pieces
- Quick – clamp with a spindle
- Stable body
- For attaching with TK6 table clamp



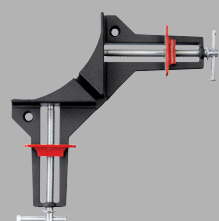
Angle clamps WS

| Nº | ← a → | | Current passage max. | | | |
|-----|---------|----|----------------------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| WS3 | 2 x 55 | 30 | 30 | 1,00 | 10 | |
| WS6 | 2 x 100 | 60 | 36 | 2,30 | 1 | |

You will find accessories on page 64



- Clamp variously-sized work pieces with 2 spindles
- For light clamping work



Angle clamps WS

| Nº | ← a → | | | | |
|-----|--------|----|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| WS1 | 2 x 75 | 12 | 0,20 | 12 | |



Mitre clamp GS

| Nº | ← a → | | | | |
|------|-------|----------|------|------|--------|
| | mm | | kg | qty. | VB0003 |
| GS11 | 105 | 45°-120° | 2,50 | 1 | |



- Soft pads prevent scratching and slipping



- Ideal for securing glued mitre joints and angled joint faces
- Clamping range: 15° to 180°
- Shoes lined with soft material, non-slip
- Can be used in combination with all BESSEY malleable cast iron clamps



Irregular angle clamps ES

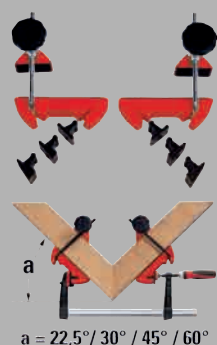
| Nº | | | |
|----|------|------|--------|
| | kg | qty. | VB0003 |
| ES | 0,35 | 1 | |

Contents: 2 pressure plates, 2 clamping blocks
Can be used in combination with all BESSEY malleable cast iron clamps

Angle and mitre clamps



Mitre clamping system MCX



| Nº | ← a → | | | | |
|-----|-------|-------------------|------|------|--------|
| | mm | | kg | qty. | VB0003 |
| MCX | 100 | 22,5°/30°/45°/60° | 0,70 | 1 | |

- Mitre system for 22.5°, 30°, 45° and 60° angles
- Even pressure on the mitre
- Angle adapter can be changed without tools



Mitre clamp GSP



| Nº | | | |
|-------|------|------|--------|
| | kg | qty. | VB0003 |
| GSP12 | 0,50 | 1 | |

- Millimetre-precise adjustment for acute and obtuse-angled connections
- Practical accessory for 2 BESSEY screw clamps with max. opening of 120 mm



Mitre clamp NGB



| Nº | ← a → | ← b → | ← x → | | | |
|-----|-------|-------|---------|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0002 |
| NGB | 500 | 140 | 25 x 12 | 2,75 | 4 | |

- Clamping force up to 5,000 N
- Adjustable to all mitre joint angles
- Teeth at clamping points ensure a firm hold
- Clamps directly into the mitre joint



Rafter clamps

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



| Nº | ← a → mm | ← b → mm | ← x → mm | ⚖ kg | 📦 qty. | VB0002 |
|--------|-------------|-------------|-------------|---------|-----------|--------|
| SPZ60K | 600 | 120 | 27 x 13 | 2,90 | 5 | |
| SPZ80K | 800 | 140 | 30 x 15 | 5,00 | 2 | |



Cutting ring for SPZ 80 K



| Nº | ⚖ kg | 📦 qty. | VB0002 |
|---------|---------|-----------|--------|
| 3101219 | 0,18 | 1 | |



- Clamping force up to 12,000 N
- For all roofing and timber frame constructions
- SPZ 80 K with 17 mm hexagonal bolt and special pressure plate, tilts by up to 35°

- Anti-slip clamping with the cutting ring pressure plate

Assembling door frames



Complete assembly system

The use of foam plastic for securing doorframes demands specialist tools that will ensure accurate alignment and support. With its TU door frame clamp, BESSEY has developed a patented assembly

tool which adequately meets these requirements. This, combined with the door frame straightening clamp TFM and the angle door frame straightening clamp WTR, make up the perfect assembly system. This noticeably facilitates and rationalises the process of fitting door frames.

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



Door frame assembly tools

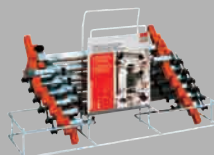
- Gently and precisely braces and supports door casing during foam filling of wall joint
- Wide clamping faces with felt protection for sensitive doors
- 4-edge pipe with mm scale for precise work





Door frame clamp TU

| Nº | ← a → |  |  | |
|----|----------|---|---|--------|
| | mm | kg | qty. | VB0003 |
| TU | 565-1010 | 1,31 | 2 | |

- 6 (3 sets) door frame clamps per display unit
- For a total of 3 doors



Door frame clamp set TU-Trage

| Nº | Contents/pc. |  |  | |
|----------|---------------|---|---|--------|
| | | kg | qty. | VB0003 |
| TU-TRAGE | 6 units of TU | 11,07 | 1 | |

- Gently and precisely braces and supports door casing during foam filling of wall joint
- Enables dimensionally accurate work
- Low weight





Door frame assembly device TMS

| Nº | ← a → |  |  | |
|-----|----------|---|---|--------|
| | mm | kg | qty. | VB0003 |
| TMS | 560-1010 | 0,68 | 6 | |

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



Door frame straightening clamp TFM

| Nº | Adjusting range | ← b → |  |  | |
|-----|-----------------|-------|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| TFM | 35 | 70 | 0,58 | 2 | |

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



Angle door frame straightening clamp WTR

| Nº | Opening chuck thickness | Adjusting range |  |  | |
|-----|-------------------------|-----------------|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| WTR | 8-30 | 32 | 1,05 | 2 | |

Sash Clamps and Pipe Clamps



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



| № | ← a → | Jaw dimensions w x h | ⚖ | 📦 | VB0003 |
|--------|-------|-------------------------|-------|------|--------|
| | mm | mm | kg | qty. | |
| TAN80 | 800 | 80x80 | 7,90 | 1 | |
| TAN120 | 1200 | 80x80 | 10,10 | 1 | |
| TAN150 | 1500 | 80x80 | 12,20 | 1 | |
| TAN210 | 2100 | 80x80 | 15,00 | 1 | |
| TAN250 | 2500 | 80x80 | 17,50 | 1 | |

- 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 | ⚖ | 📦 | VB0003 |
|-------|-------|-------------------------|-------|------|--------|
| | mm | mm | kg | qty. | |
| TB100 | 1000 | 66x43 | 5,50 | 1 | |
| TB120 | 1200 | 66x43 | 6,20 | 1 | |
| TB150 | 1500 | 66x43 | 6,80 | 1 | |
| TB210 | 2100 | 66x43 | 8,50 | 1 | |
| TB250 | 2500 | 66x43 | 11,00 | 1 | |



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



Sash clamps TC with T-profile 50 x 50 x 6 mm



| № | ← a → | Jaw dimensions w x h | ⚖ | 📦 | VB0003 |
|-------|-------|-------------------------|-------|------|--------|
| | mm | mm | kg | qty. | |
| TC100 | 1000 | 80x48 | 8,20 | 1 | |
| TC120 | 1200 | 80x48 | 9,10 | 1 | |
| TC150 | 1500 | 80x48 | 10,60 | 1 | |
| TC210 | 2100 | 80x48 | 13,50 | 1 | |
| TC250 | 2500 | 80x48 | 14,90 | 1 | |

- Clamping force up to 18,000 N
- With attached stopping bolt
- Removable crank handle
- Sturdy thanks to T-profile



Pipe clamping set RS



| № | For pipes Ø | | ← b → | ⚖ | 📦 | VB0003 |
|---------|-------------|------|-------|------|------|--------|
| | mm | inch | mm | kg | qty. | |
| RS75 | 26,9 | 3/4 | 45 | 1,60 | 5 | |
| BPC-H12 | 21,3 | 1/2 | 40 | 0,88 | 4 | |
| BPC-H34 | 26,9 | 3/4 | 42 | 1,30 | 4 | |

- Suitable for steel pipes DN 20/R3/4" or DN 15/R1/2"
- Outer diameter 26.9 mm and 21.3 mm
- Infinitely-adjustable clamping width
- With stand (BPC)

Window assembly tools

Install windows efficiently



Efficient assembly aid

These special clamps make window assembly easier and more efficient than ever before, even for professionals. RELUFIX window clamps facilitate the assembly process according to the new RAL

regulations. Just two clamps provide a pressure of approx. 30 kg. Easily enough force to hold even larger windows safely in place. This product can be aligned at any time, independently, without additional tools and in a short space of time. This product can really improve productivity!

RELUFIX window clamps – for simple and efficient window assembly.

Window assembly tools



Your benefits at a glance:

1 Relufix special adapters

The Relufix special adapter for simple and quick window assembly according to the new RAL-regulations. They allow you to work alone more efficiently.

2 Soft pressure caps



Soft pressure caps guarantee material protection and secure clamping.

3 Maximum flexibility

The tool-free replaceable fixed part aids maximum flexibility.

Window installation clamp Relufix



| № | ← a → | ← b → | Contents/pc. |  |  | VB0003 |
|--------------|-------|-------|---------------------------|---|---|--------|
| | mm | mm | | kg | qty. | |
| EZ15-8RX-SET | 150 | 80 | 2 x EZ15-8 / 2 x RX-AD | 1,73 | 1 | |
| RX-AD | | | | 0,10 | 1 | |



- Two clamps provide a pressure of approx. 30 kg
- For simple and quick window assembly according to the new RAL-regulations
- Broad range of applications

Window installation clamp FRK



| № | Frame thick- nesses | Adjusting range |  |  | VB0003 |
|-------|------------------------|--------------------|---|---|--------|
| | mm | mm | kg | qty. | |
| FRK85 | 40-85 | 30 | 0,43 | 4 | |

- Permits rapid, precise straightening and fixing of window frames

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!

The flooring clamp PVZ and the spacer PVA for laying parquet, laminated and panel flooring.

Special flooring tools

Flooring clamp PVZ



| Nº | ← a → |  |  |  | |
|-------|-------|---|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| PVZ65 | 650 | 130 | 2,60 | 5 | |

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

Spacer PVA





| Nº | ← a → |  |  |  | |
|-----|-------|---|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| PVA | 30 | 130 | 0,48 | 6 | |

- Lateral support for gluing solid wood flooring
- Lateral clamping of tongued-and-grooved floors

Flooring and clamping system SVH/SVG



| Nº | ← a → | Band w x d | Material | Tear proof |  |  | |
|--------|-------|------------|---------------|------------|---|---|--------|
| | mm | mm | | N | kg | qty. | VB0003 |
| SVH400 | 4000 | 25x1 | Polyester | 5000 | 0,75 | 1 | |
| SVH760 | 7600 | 25x1 | Polyester | 5000 | 0,77 | 1 | |
| SVG | 4000 | 25x1 | Polypropylene | 2500 | 0,69 | 1 | |

Additional use: can be used as lashing straps

- For laying parquet, laminated and panel flooring
- SVH with spacer and band of high-strength polyester



Seaming tool PS 55



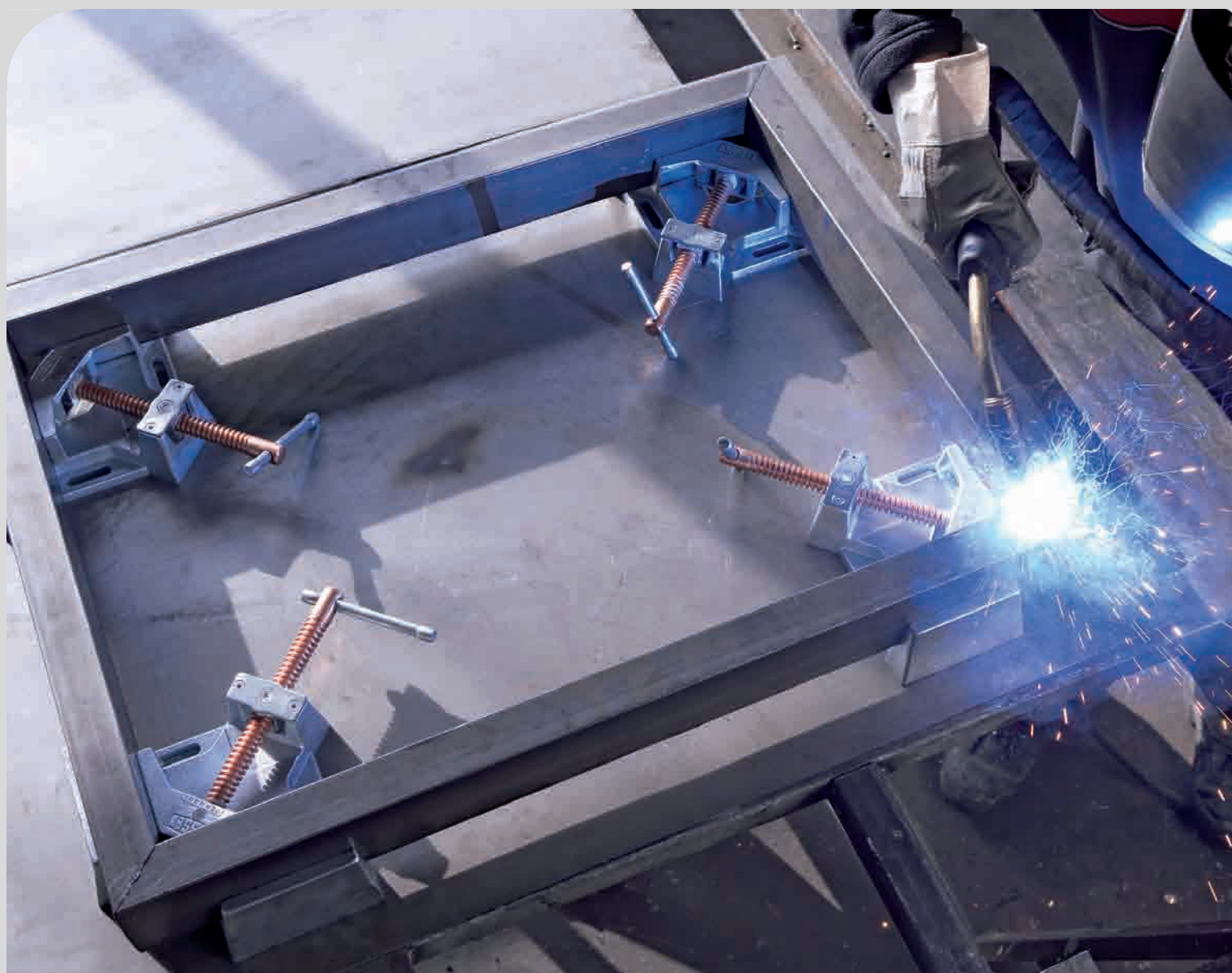
| Nº | ← a → | Width | Length |  |  | |
|------|-------|-------|---------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| PS55 | 10-55 | 130 | 240-295 | 1,55 | 1 | |

- For clamping smooth surfaces such as ceramic, granite, Corian, plastic boards, glass
- Lever for compensating differences in height



Metal angle clamps

Clamping angles and mitres



Unhindered access to workpiece during welding and assembly work

The original BESSEY metal angle clamps have been especially developed for use in steel construction, welding and metalworking. Their wide range of applications includes e.g. holding, fixing and

aligning materials at an exact right angle. The clear working area means that you can access the workpiece unhindered during welding and assembly work, and when fixing T-joints. That's why the original BESSEY metal angle clamp is a must for every workshop.

The metal angle clamp WSM – for holding workpieces – including workpieces of different thicknesses – at a precise 90° angle.

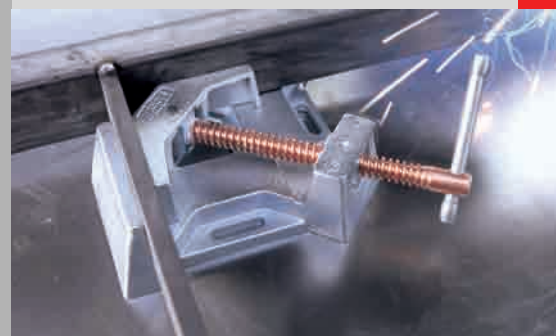
Metal angle clamps



Welders' angle clamps WSM



| Nº | ← a → | Current pas- sage max. | | | | | |
|-------|---------|---------------------------|----|-----|------|------|--------|
| | mm | mm | mm | mm | kg | qty. | VB0003 |
| WSM9 | 2 x 90 | 60 | 35 | 110 | 3,80 | 1 | |
| WSM12 | 2 x 120 | 100 | 61 | 120 | 7,80 | 1 | |



- Automatic adjustment to work pieces of various thicknesses
- Sturdy jaws and base plate made from high-quality cast iron
- The copper-plated spindle prevents welding splatter from sticking
- Precise 90°-angles



Welding clamp set SM 10



| Nº | | ← a → | | | | |
|----------|---------|-------|----|-------|------|--------|
| | | mm | mm | kg | qty. | VB0003 |
| SM10-SET | 5°-180° | 100 | 35 | 10,66 | 1 | |



- Clamping aid for clamping components of different thicknesses at any chosen angle
- Sturdy body and base plate made from high-quality cast iron
- The copper-plated spindle prevents welding splatter from sticking
- Angle range: 5°-180°

Grip pliers

Clamping and gripping



Many variants to cover a very wide range of applications

Whether for all-round or step-over clamping, or for fixing workpieces which are lying next to one another: the original BESSEY grip pliers are always ideal. This is because the infinitely adjustable plier



jaws lie parallel to each other in every position, or at the desired angle to one another. And the best thing is: the selected clamping pressure remains constant however wide open the mouth of the pliers is. That's true whatever variant you choose. Try it out!

The pipe grip GRZRO – secure clamping of round workpieces thanks to infinitely adjustable plier jaws.

Grip pliers



Parallel grip GRZ

| Nº | ← a → | ← b → |  |  | |
|-------|-------|-------|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| GRZ10 | 100 | 65 | 1,00 | 10 | |
| GRZ20 | 200 | 65 | 1,20 | 10 | |



- Parallel jaw faces
- Prism recess for small round parts
- Includes pressure cap set GRZK for gentle clamping of sensitive surfaces





C-grip GRZC

| Nº | ← a → | ← b → | ← d → |  |  | |
|------|-------|-------|-------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| GRZC | 110 | 80 | 40 | 1,10 | 10 | |

- For step-over clamping from both sides




Variogrip GRZV

| Nº | ← a → | ← b → | ← d → |  |  | |
|------|-------|-------|-------|---|---|--------|
| | mm | mm | mm | kg | qty. | VB0003 |
| GRZV | 100 | 50-80 | 43 | 1,25 | 10 | |

- Throat depth and opening are infinitely adjustable thanks to split sliding arm
- For clamping work pieces of different thicknesses, or non-aligned work pieces



Pipe grip GRZRO

| Nº | For pipes Ø | ← b → |  |  | |
|-------|-------------|-------|---|---|--------|
| | mm | mm | kg | qty. | VB0003 |
| GRZRO | 0-110 | 65 | 1,30 | 10 | |

- Ideal for holding round objects of constant diameter
- Includes pressure cap set
- Gentle clamping of sensitive surfaces
- Suitable for spot welding, heat-resistant up to 200°C

Machine table clamps

For clamping onto the machine table



Extremely compact and powerful

Original BESSEY BAS clamps are ideal for assembly, drilling, rubbing, milling, grinding, honing, eroding, testing, etc. The BAS clamps are characterised above all by their incredibly compact

design and large clamping pressure. The housings and clamping arms are made from tempered stainless steel, and are extremely heavy duty and durable, as well as being suitable for use in even the most restricted spaces.

The BAS-U matic clamp – extra-high clamping pressure with exceptionally compact design.

Machine table clamps



BAS-U matic clamps



BAS-U9-4

BAS-U10-6

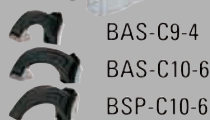
BSP-U10-6

| Nº | ← a → | ← b → | | | |
|-----------|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| BAS-U9-4 | 90 | 47 | 1,25 | 1 | |
| BAS-U10-6 | 100 | 67 | 1,35 | 1 | |
| BSP-U10-6 | 100 | 67 | 1,35 | 1 | |

- Clamping force up to 16,000 N
- Space-saving design
- With time-saving automatic clamping and release system
- Fixing hole open for M 10 / M 12



BAS-C compact clamp



BAS-C9-4

BAS-C10-6

BSP-C10-6

| Nº | ← a → | ← b → | | | |
|-----------|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| BAS-C9-4 | 88 | 40 | 1,30 | 1 | |
| BAS-C10-6 | 97 | 60 | 1,30 | 1 | |
| BSP-C10-6 | 97 | 60 | 1,30 | 1 | |

- Clamping force up to 16,000 N
- Space-saving design
- Fixing hole open for M 10 / M 12



BAS-CB compact clamp



BAS-CB9-4

BAS-CB10-6

BSP-CB10-6

| Nº | ← a → | ← b → | | | |
|------------|-------|-------|------|------|--------|
| | mm | mm | kg | qty. | VB0003 |
| BAS-CB9-4 | 88 | 40 | 1,30 | 1 | |
| BAS-CB10-6 | 97 | 60 | 1,30 | 1 | |
| BSP-CB10-6 | 97 | 60 | 1,30 | 1 | |

- Clamping force up to 16,000 N
- Space-saving design
- Fixing hole closed for M 10 / M 12

Base unit BAS0



| Nº | Clamping height | Fastening thread | For socket head screw DIN 912 | | | |
|------|-----------------|------------------|-------------------------------|------|------|--------|
| | mm | | | kg | qty. | VB0003 |
| BAS0 | 80 | M 10 | M10 / M12 | 0,45 | 1 | |

- 80 mm extension
- Stackable by up to 10 units
- Fixing hole open, including cheese head screw
- Suitable for all BESSEY BAS clamps

BASKN wrench with T-bar



| Nº | Width across flats, allen key | Width across flats, ball allen key | Tommy bar length | | | |
|-------|-------------------------------|------------------------------------|------------------|------|------|--------|
| | | | mm | kg | qty. | VB0003 |
| BASKN | SW 11 | SW8+SW10 | 230 | 0,30 | 1 | |

Machine table clamps



- Clamping force up to 10,000 N
- Tilting and infinitely height-adjustable
- For drilling and light milling work
- Lever mechanism for rapid clamping and release



Hold down table clamps BS

| Nº | Clamping height max. | ← b → | ← x → | | | | | |
|------|----------------------|-------|------------|---------|------|------|------|--------|
| | mm | mm | mm | appr. N | mm | kg | qty. | VB0003 |
| BS2N | 200 | 100 | 19.5 x 9.5 | 3500 | 10,5 | 1,35 | 1 | |
| BS3N | 200 | 120 | 22 x 10.5 | 5500 | 13 | 1,55 | 1 | |
| BS4N | 200 | 120 | 27 x 13 | 7500 | 16,5 | 2,65 | 1 | |
| BS5N | 240 | 140 | 30 x 15 | 10000 | 16,5 | 3,30 | 1 | |
| BS6N | 500 | 140 | 30 x 15 | 10000 | 16,5 | 4,00 | 1 | |



- Clamping force up to 12,000 N
- For fixing to tables and other equipment
- Pressure plate tilts to an angle of 35°, especially for clamping sloping parts



Hold down table clamps BSG

| Nº | Clamping height max. | ← b → | ← x → | | | | | |
|----------|----------------------|-------|---------|---------|------|------|------|--------|
| | mm | mm | mm | appr. N | mm | kg | qty. | VB0003 |
| BSG21-14 | 210 | 140 | 30 x 15 | 12000 | 16,5 | 3,22 | 1 | |

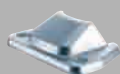
- Clamping force up to 6,500 N
- Swivelling, vertically infinitely adjustable clamp
- Externally-positioned spindle to allow unobstructed access to the work area and clamping in confined spaces
- For drilling and light milling work



Claw machine clamp GRS

| Nº | Clamping height max. | ← b → | ← x → | | | | | |
|----------|----------------------|-------|---------|---------|------|------|------|--------|
| | mm | mm | mm | appr. N | mm | kg | qty. | VB0003 |
| GRS20-14 | 200 | 120 | 27 x 13 | 6500 | 16,5 | 3,00 | 1 | |

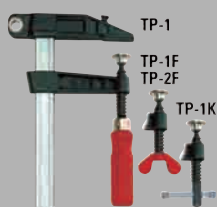
Hold down table clamps and earth (ground) clamps



Hold down fixture HS

| Nº | | | | |
|-------|----|------|------|--------|
| | mm | kg | qty. | VB0003 |
| HS4-5 | 13 | 0,48 | 10 | |

- Made from galvanised steel
- May be fitted to any machine table by screwing or welding
- Suitable for BS4N, BS5N, BS6N, BSG21-14, GRS20-14



Earth (ground) clamp TP

| Nº | ← a → | ← b → | ← x → | | | | |
|-------|-------|-------|--------|------|------|------|--------|
| | mm | mm | mm | mm | kg | qty. | VB0001 |
| TP-1 | 150 | 80 | 25 x 6 | 10.5 | 0,78 | 10 | |
| TP-1F | 150 | 80 | 25 x 6 | 10.5 | 0,78 | 10 | |
| TP-1K | 150 | 80 | 25 x 6 | 10.5 | 0,75 | 10 | |
| TP-2F | 150 | 65 | 30 x 8 | 11 | 1,20 | 10 | |

- Standard design
- With malleable cast iron arms
- Connection hole in cast iron upper part
- Up to 400 A load (TP-1)
- Up to 600 A load (TP-2)



Earth (ground) clamp TGP

| Nº | ← a → | ← b → | ← x → | | | | |
|--------|-------|-------|--------|------|------|------|--------|
| | mm | mm | mm | mm | kg | qty. | VB0001 |
| TG-P12 | 120 | 60 | 20 x 5 | 10.5 | 0,42 | 10 | |
| TG-P20 | 200 | 100 | 27 x 7 | 13 | 1,08 | 10 | |

- With malleable cast iron arms
- Connection hole at end of rail
- Up to 500 A load



Earth (ground) clamp CPF

| Nº | ← a → | ← b → | | | | |
|------|-------|-------|-----|------|------|--------|
| | mm | mm | mm | kg | qty. | VB0001 |
| CP-F | 50 | 30 | 8.4 | 0,19 | 10 | |

- With C-shaped malleable cast iron arms
- Up to 100 A load

BESSEY Best-Comfort-System

- Exceptionally well-suited to welding tasks
- Galvanised for optimum protection from rust



Replaceable pressure plate made from quality steel (4 pcs./bag)

| Nº | Suitable for | |
|---------|--|--------|
| | | VB0003 |
| 3101180 | TG16, TG...B8, G16Z, G...B8Z, GM16Z, GM...B8Z | |
| 3101183 | TG20, TG...S10, G20Z, G...S10Z, GM20Z, GM...S10Z, TG25, TG...S12, G25Z, G...S12Z, GM25Z, GM...S12Z | |
| 3101188 | TG30, TG...S14, TG40, TG...S17, TGK, G30Z – G125Z, GM30Z – GM125Z | |

- No contamination of stainless steel
- Ideal for welding applications, when cap is removed
- Soft plastic cap for non-slip, gentle clamping



Replaceable stainless steel pressure plate, with plastic cap (4 pcs./bag)

| Nº | Suitable for | |
|---------|--|--------|
| | | VB0003 |
| 3101181 | TG16, TG...B8, G16Z, G...B8Z, GM16Z, GM...B8Z | |
| 3101184 | TG20, TG...S10, G20Z, G...S10Z, GM20Z, GM...S10Z, TG25, TG...S12, G25Z, G...S12Z, GM25Z, GM...S12Z | |
| 3101189 | TG30, TG...S14, TG40, TG...S17, TGK, G30Z – G125Z, GM30Z – GM125Z | |

- Better fixing of larger workpieces
- No pressure points on the workpiece
- Large contact surface: diam. 80 mm



Replaceable aluminium pressure plate with large contact surface, diam. 80 mm (2 pcs./bag)

| Nº | Suitable for | |
|---------|--|--------|
| | | VB0003 |
| 3101185 | TG20, TG...S10, G20Z, G...S10Z, GM20Z, GM...S10Z, TG25, TG...S12, G25Z, G...S12Z, GM25Z, GM...S12Z | |
| 3101190 | TG30, TG...S14, TG40, TG...S17, TGK, G30Z – G125Z, GM30Z – GM125Z | |

- Optimum control
- Maximum grip
- No slipping
- Modern, symmetrical shape
- Integral thumb grip
- Simulated turning motion feel built into handle



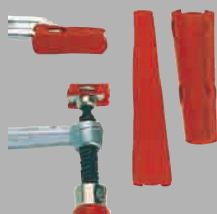
Handle with soft material insert, incl. high-quality steel pressure plate (1 pc./bag)

| Nº | Suitable for | |
|---------|---|--------|
| | | VB0003 |
| 3101179 | TG16, TG...B8, G16Z, G...B8Z, GM16Z, GM...B8Z | |
| 3101182 | TG20, TG...S10, G20Z, G...S10Z, GM20Z, GM...S10Z | |
| 3101186 | TG25, TG...S12, G25Z, G...S12Z, GM25Z, GM...S12Z | |
| 3101187 | TG30, TG...S14, TG40, TG...S17, TGK, G30Z – G125Z, GM30Z – GM125Z | |



Accessories

Pressure cap strips SKS (2 pcs./bag)



| Nº | Suitable for | |
|----------|----------------------------------|--------|
| | | VB0003 |
| SKS10/20 | TG10 / G10Z to TG20 / G20Z | |
| SKS20/40 | TG20 / G20Z to TG40 / TGK / G60Z | |

- For all screw clamps
- For gentle clamping
- May be applied on both sides
- Cut them to size

Tommy bar accessory KA (2 pcs./bag)



| Nº | Suitable for | |
|---------|---|--------|
| | | VB0001 |
| 3101194 | TG...K, TGK...K, TGNT...K*, GZ...K**, SPZ60K, GU25-12-6ZK, KT8-3, VC3, RS75 | |
| 3101195 | SG...M, SGU, SPZ80K, BSG, SGS | |

* from width 100 up to 500 mm

** from width 100 up to 140 mm



- Made from soft, hand-friendly plastic



Pipe clamping set RO



| Nº | Length of the clamping prisms | For pipes Ø | ⚖ | 📦 | |
|----|-------------------------------|-------------|------|------|--------|
| | mm | mm | kg | qty. | VB0001 |
| RO | 170 | 100–400 | 1,39 | 1 | |

Contents: 4 clamping prisms, 4 socket head screws
Suitable for original BESSEY malleable cast iron screw clamps with a throat depth of 100 to 200 mm



- Ideal for clamping round or oval workpieces
- Easy to fit



Multi angle pad VAD



| Nº | ✂ | Jaw face width | ⚖ | 📦 | |
|-----|-----------------------------|----------------|------|------|--------|
| | | mm | kg | qty. | VB0003 |
| VAD | from 60° inner to 60° outer | 45 | 0,48 | 1 | |

Contents: 2 adapters

- For adaptation to round, oval and angular workpieces in particular
- Suitable for all original BESSEY malleable cast iron screw clamps and all-steel screw clamps, as well as fitters' clamps with a throat depth of 100 mm or more

Selling aids

- Stable metal construction on castors
- Holds approx. 90 clamps
- Dimensions: 50 x 60 x 146 cm
- For use as a sales aid, also suitable for use at shop-floor level




Clamp trolley ZW 1, unstocked

| Nº | Width x depth x height |  | |
|-----|------------------------|---|--------|
| | mm | kg | VB0003 |
| ZW1 | 500x600x1460 | 16,50 | |

- Stable metal construction on castors
- Dimensions 50 x 60 x 146 cm (ZW 1)
- Malleable cast iron, all-steel, and lever clamps with clamping ranges between 120 and 600 mm



Clamp trolley ZW 1, stocked

| Nº | Layout |  | |
|------------|---|---|--|
| | | kg | |
| ZW1-A01 | All-steel screw clamps 5x G12Z, 5x G16Z, 5x G20Z, 5x G25Z, 5x G30Z, 3x G40Z, 2x G50Z, 2x G60Z, 1x G16H, 1x G20H | 57,00 | |
| ZW1-A01-2K | All-steel screw clamps 2K 5x G12Z-2K, 5x G16Z-2K, 5x G20Z-2K, 5x G25Z-2K, 5x G30Z-2K, 3x G40Z-2K, 2x G50Z-2K, 2x G60Z-2K, 1x G16H, 1x G20H | 57,00 | |
| ZW1-A99-2K | Malleable cast iron screw clamps 2K 5x TG12-2K, 5x TG16-2K, 5x TG20-2K, 5x TG25-2K, 5x TG30-2K, 3x TG40-2K, 2x TKG50-2K, 2x TKG60-2K, 1x G16Z-2K, 1x G20Z-2K | 65,00 | |

- Specially developed for sales and demonstration purposes
- Dimensions: 50 x 60 x 146 cm




Demonstration trolley VFW, unstocked

| Nº | Width x depth x height |  | |
|-----|------------------------|---|--------|
| | mm | kg | VB0003 |
| VFW | 500x600x1460 | 53,00 | |

Selling aids

Clamp trolley ZW 2, unstocked




| Nº | Width x depth x height |  | |
|-----|------------------------|---|--------|
| | mm | kg | VB0003 |
| ZW2 | 1000x600x1525 | 33,00 | |

- Very stable metal construction on castors
- Even holds long screw clamps
- Dimensions: 100 x 60 x 152,5 cm
- For use as a sales aid, also suitable for use at shop-floor level

Clamp trolley ZW 2, stocked



| Nº | Layout |  | |
|------------|---|---|--------|
| | | kg | VB0001 |
| ZW2-A99 | Malleable cast iron screw clamps 10x TG20, 10x TG25, 5x TG30, 5x TG40, 5x TGK60, 5x TGK80, 2x TGK100, 2x TGK125, 2x TGK150, 2x TGK200, 2x G20Z, 2x G25Z | 154,30 | |
| ZW2-A99-2K | Malleable cast iron screw clamps 2K 5x TG12-2K, 5x TG16-2K, 5x TG20-2K, 5x TG25-2K, 5x TG30-2K, 3x TG40-2K, 2x TGK50-2K, 2x TGK60-2K, 1x G16Z-2K, 1x G20Z-2K | 154,30 | |

- Stable metal construction on castors
- Dimensions 100 x 60 x 152,5 cm (ZW 2)
- Malleable cast iron and all-steel screw clamps with clamping ranges between 200 and 2000 mm

Sales presentations

We will gladly provide you with various range and presentation recommendations on request. Simply tell us about your customers – and we will tell you which product presentation suitable and which presentation materials, such as tool hooks, labels and mounting rails you require. For all-round professional product presentation and an effective boost for your sales. Just ask us!

BESSEY Cutting Technology

Product-range 2007/2008



Technological edge thanks to the most innovative ideas and highest quality

You can find all information regarding cutting in the subsequent pages in a structured and lucid manner.

From handsnips with leverage to special tools for sheet metal work – and plumbing. And you will observe that BESSEY always offers you the best solution for all your tasks and applications. Enjoy browsing through!

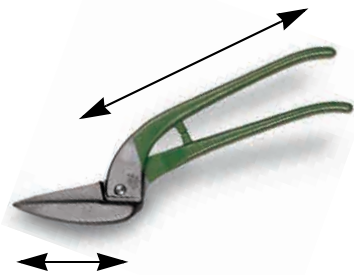
Erdi



Lexicon

1. Types

Normal metal snips



In normal metal snips, edges and handle are traditionally forged into one unit. The force required for cutting is determined by the ratio of edge length to the handle length.

Handsniips with leverage



Handsniips with leverage comprise a cutter head and a handle. The compound action produces additional leverage.

2. Models

Ideal snips



These snips live up to their name. Because, ideal snips are real "all-rounders". They can cut through a metal sheet (straight-cut) as well as cut large and small contours or radii (outline-cut). In this case, it does not matter whether you are cutting at the edge (edge cut) or at the centre of a sheet. You can naturally use ideal snips for notching-operations.

Outline cutting snips



Outline-cutting snips are best suited when you want fine and narrow radius cuts near the edges of a metal sheet. You can use the delicately shaped edge of these snips to cut extremely narrow shapes or curves without any problem.

Straight cutting snips



Do you wish to cut a metal sheet at the centre and / or near the edges? Then the perfect tool for you is the straight cutting snips. You can use long edges of this tool to cross-cut and notch large metal sheets quickly and precisely with less effort.

3. Right cutting or left cutting snips. What is the difference?



Left cutting snips

Right cutting snips

Right cutting snips are sharpened and designed so that they can cut right radii (i.e. a curve from **left to right**) easily. Left cutting snips are the best for radius cuts from **right to left**.

The common perception is that, right cutting snips are for right-handers, and left cutting snips for left-handers. This is not true. In fact, it is the other way round. If you, a right-hander, are cutting a radius (see above, from **left to right**), using right cutting snips, you have to cut outwards from your wrist. With left cutting snips, (radius is then from **right to left**) you can cut inwards from your wrist. This is considerably more ergonomic. Try it out once!

4. Grades

The service life of edges depends directly on the grades of steel used and processing. High-performance snips with case-hardened HSS – edges particularly fulfill the most stringent requirements regarding the service life and consistent cutting performance. Cutter heads of the HSS-TiN grade are additionally coated with extremely hard titanium nitride that reduces wear and tear. Other cutting materials, namely special high quality steel, high quality steel and standard quality steel, are available depending on the application and the frequency of use.

| Quality of steel | min. hardness (Rockwell C) | Durability |
|----------------------------|-------------------------------|------------|
| HSS-TiN | 65 | +++++ |
| HSS | 65 | ++++ |
| Special high quality steel | 61 | +++ |
| High quality steel | 59 | ++ |
| Standard quality steel | 56 | + |

The high quality of the steel at the cutting edge leads to a much longer service life of the snip.

| Quality of steel | For maximum sheet thickness at the tensile strength of: | | | |
|---|---|-----------------------|-----------------------|------------------------|
| Normal metal snips | 400 N/mm ² | 600 N/mm ² | 800 N/mm ² | 1100 N/mm ² |
| HSS D407..; D416..; D418.. | 1,2 mm | 1,0 mm | 0,8 mm | 0,6 mm |
| High quality steel D202..; D206..; D208..; D214..; D216..; D218..; | 1,2 mm | 1,0 mm | 0,8 mm | / |
| Standard quality steel D101..; D102..; D106..; D107..; D114..; D116..; D118..; D146..; D159..; D70..- D77..; D122N; D122A | 1,2 mm | 1,0 mm | 0,8 mm | / |



| Quality of steel | For maximum sheet thickness at the tensile strength of: | | | |
|--|---|-----------------------|-----------------------|------------------------|
| Hand snips with leverage | 400 N/mm ² | 600 N/mm ² | 800 N/mm ² | 1100 N/mm ² |
| HSS-TiN D27AH-TiN* | 1,5 mm | 1,2 mm | 1,0 mm | 0,8 mm |
| HSS D27AH* | 1,5 mm | 1,2 mm | 1,0 mm | 0,8 mm |
| Special high quality steel D17ASS D29SS*; D29ASS*; D29BSS*; DSP.. | 2,0 mm 1,5 mm | 1,5 mm 1,2 mm | 1,2 mm 1,0 mm | / |
| High quality steel D17A D08..; D16..; D22A; D27*; D27A*; D27B* | 2,0 mm 1,5 mm | 1,5 mm 1,2 mm | 1,2 mm 1,0 mm | / |



* snips can be stressed for up to 3 x 0.6 mm (1.8 mm) for a short period of time for cutting the seams.

Compound leverage snips

Higher quality work with less effort



Utilize the power of a compound lever!

Drop-forged cutter heads are always tempered and the edges double hardened! This produces high durability and burr-free cuts. Ergonomic handle has

standard plastic coating and an anti-slip protection. Both parts are joined in such a manner that it provides additional leverage. You can do the same work quicker with much less effort. Less worker fatigue = improved production! Try it out!

Ideal snips D29ASS-2 and D27A – ideal for continuous, straight and curved cuts.

The Multisnip Longstyle D22A – with angled cutter head for greater safety.



Compound leverage snips



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- For short, straight and shaped cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions



Shape cutting snip

| N ^o | < a > | | < b > | | ↓ max. ↑ | | | | |
|----------------|-------|--------|-------|--------|----------|-----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D29SS-2 | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29SSL-2 | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29SS-2-SB | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29SSL-2-SB | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- For continuous, straight and shaped cuts
- Compact cutter head:
High manoeuvrability for shape cutting
- Optimised leverage ratio: 25 % less effort
- Optimised edge shape: No slipping even without serrations
- Available in right or left cutting versions



Shape and straight cutting snip

| N ^o | < a > | | < b > | | ↓ max. ↑ | | | | |
|----------------|-------|--------|-------|--------|----------|-----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D29ASS-2 | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29ASSL-2 | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29ASS-2-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |
| D29ASSL-2-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,48 | 5 | |



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- For continuous, straight cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions



Straight cutting snip

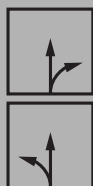
| N ^o | < a > | | < b > | | ↓ max. ↑ | | | | |
|----------------|-------|--------|-------|--------|----------|-----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D29BSS-2 | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,51 | 5 | |
| D29BSSL-2 | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,51 | 5 | |
| D29BSS-2-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,52 | 5 | |
| D29BSSL-2-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++ | 0,52 | 5 | |



Compound leverage snips

Erdi

Shape cutting snips



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|---------|-------|--------|-------|--------|----------|----|------|---|--------|
| | mm | " | mm | " | mm | | | | |
| D27 | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | ++ | 0,49 | 5 | VD0001 |
| D27L | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | ++ | 0,49 | 5 | |
| D27-SB | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | ++ | 0,49 | 5 | |
| D27L-SB | 260 | 10 1/4 | 40 | 1 5/16 | 1,2 | ++ | 0,49 | 5 | |



- For short, straight and outline cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions

Shape and straight cutting snips



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|----------|-------|--------|-------|--------|----------|----|------|---|--------|
| | mm | " | mm | " | mm | | | | |
| D27A | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | VD0001 |
| D27AL | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |
| D27A-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |
| D27AL-SB | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |



- For long continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions

Straight cutting snips



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|----------|-------|--------|-------|--------|----------|----|------|---|--------|
| | mm | " | mm | " | mm | | | | |
| D27B | 260 | 10 1/4 | 32 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | VD0001 |
| D27BL | 260 | 10 1/4 | 32 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |
| D27B-SB | 260 | 10 1/4 | 32 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |
| D27BL-SB | 260 | 10 1/4 | 32 | 1 5/16 | 1,2 | ++ | 0,52 | 5 | |



- For long continuous, straight cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions

Compound leverage snips

Shape and straight cutting snips, robust

- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Exceptionally robust: Drop-forged handles
- Available in right or left cutting versions



| № | < a > | | < b > | | ↓ max. ↓ | | | | |
|---------|-------|-------|-------|---|----------|-----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D17ASS | 240 | 9 1/2 | 24 | 1 | 1,2 | +++ | 0,55 | 5 | |
| D17ASSL | 240 | 9 1/2 | 24 | 1 | 1,2 | +++ | 0,55 | 5 | |
| D17A | 240 | 9 1/2 | 24 | 1 | 1,2 | ++ | 0,55 | 5 | |
| D17AL | 240 | 9 1/2 | 24 | 1 | 1,2 | ++ | 0,55 | 5 | |



Ideal snips, maneuverable

- Special flat cutter head enables cutting in narrowest radius
- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Available in right or left cutting versions



| № | < a > | | < b > | | ↓ max. ↓ | | | | |
|---------|-------|---|-------|--------|----------|----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D08 | 230 | 9 | 27 | 1 1/16 | 1,2 | ++ | 0,38 | 5 | |
| D08L | 230 | 9 | 27 | 1 1/16 | 1,2 | ++ | 0,38 | 5 | |
| D08-SB | 230 | 9 | 27 | 1 1/16 | 1,2 | ++ | 0,38 | 5 | |
| D08L-SB | 230 | 9 | 27 | 1 1/16 | 1,2 | ++ | 0,38 | 5 | |



Ideal snips, light

- For continuous, straight and curved cuts
- Edges with micro-serrations for slip-proof working
- Very good price to performance ratio
- Available in right or left cutting versions



| № | < a > | | < b > | | ↓ max. ↓ | | | | |
|----------|-------|-------|-------|--------|----------|----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0001 |
| D16A | 240 | 9 1/2 | 33 | 1 5/16 | 1,2 | ++ | 0,40 | 5 | |
| D16AL | 240 | 9 1/2 | 33 | 1 5/16 | 1,2 | ++ | 0,40 | 5 | |
| D16A-SB | 240 | 9 1/2 | 33 | 1 5/16 | 1,2 | ++ | 0,40 | 5 | |
| D16AL-SB | 240 | 9 1/2 | 33 | 1 5/16 | 1,2 | ++ | 0,40 | 5 | |



Compound leverage snips

Erdi

MULTISNIP Longstyle



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|---------|-------|----|-------|-------|----------|----|------|---|--------|
| | mm | " | mm | " | mm | | | | |
| D22A | 280 | 11 | 64 | 2 1/2 | 1,2 | ++ | 0,43 | 5 | VD0001 |
| D22A-SB | 280 | 11 | 64 | 2 1/2 | 1,2 | ++ | 0,45 | 5 | |

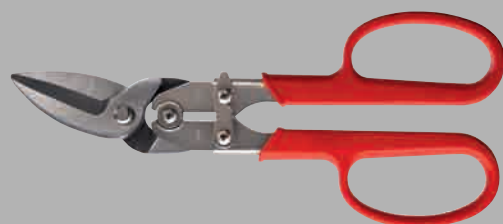


- For long continuous straight and large radius cuts
- Extra long cutting blades, laterally displaced for continuous cuts
- Angled cutter head for greater safety – keep the material at a distance and keep your hand out of the danger zone
- Available only in left cutting version

Compound American pattern snip



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|-----------|-------|--------|-------|-------|----------|-----|------|----|--------|
| | mm | " | mm | " | mm | | | | |
| DSPC8-EU | 220 | 8 1/2 | 40 | 1 3/4 | 1,2 | +++ | 0,30 | 24 | VD0001 |
| DSPC11-EU | 295 | 11 1/2 | 50 | 2 1/4 | 1,2 | +++ | 0,53 | 18 | |

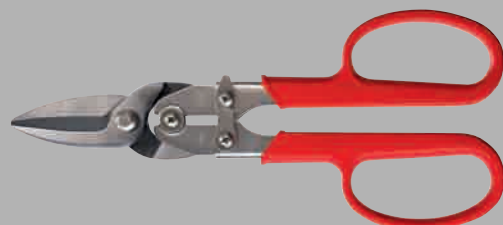


- For straight cuts
- An angled cutting head makes it possible to work above the work piece
- Available only in left cutting version
- On carded clamshell

Compound American pattern snip



| Nº | ← a → | | ← b → | | ↓ max. ↓ | | | | |
|-----------|-------|--------|-------|-------|----------|-----|------|----|--------|
| | mm | " | mm | " | mm | | | | |
| DSPS8-EU | 220 | 8 1/2 | 40 | 1 3/4 | 1,2 | +++ | 0,30 | 24 | VD0001 |
| DSPS11-EU | 295 | 11 1/2 | 50 | 2 1/4 | 1,2 | +++ | 0,53 | 18 | |



- For straight cuts
- Available only in left cutting version
- On carded clamshell

Aviation snips

The classic for fine sheet metal work



Extremely maneuverable

These extremely manoeuvrable snips are best suited for short, straight and curved cuts. Micro-serrations prevent slipping. Cuts small radius

curves easily and precisely, even in thin sheet metals. Compound leverage handles require less effort to use. Hand fatigue for the worker is minimized. A great price-performance ratio adds to the savings gained from improved productivity.

Series 16 shape cutting snips – slip-proof working, thanks to micro-serrations of edges. Ideal for fine sheet metal work.

Aviation snips



| Nº | ← a → | | ← b → | | | | | | |
|--------|-------|-------|-------|--------|-----|----|------|---|--------|
| | mm | " | mm | " | | | | | |
| D16 | 240 | 9 1/2 | 40 | 1 9/16 | 1,2 | ++ | 0,38 | 5 | VD0001 |
| D16-SB | 240 | 9 1/2 | 40 | 1 9/16 | 1,2 | ++ | 0,38 | 5 | |



- For short, straight and curved cuts
- Edges with micro-serrations for prevent slipping
- Left cut model available as well

Aviation snips



| Nº | ← a → | | ← b → | | | | | | |
|---------|-------|-------|-------|--------|-----|----|------|---|--------|
| | mm | " | mm | " | | | | | |
| D16L | 240 | 9 1/2 | 40 | 1 9/16 | 1,2 | ++ | 0,38 | 5 | VD0001 |
| D16L-SB | 240 | 9 1/2 | 40 | 1 9/16 | 1,2 | ++ | 0,38 | 5 | |



- For short, straight and curved cuts
- Edges with micro-serrations for prevent slipping
- Right cut model available as well

Aviation snips



| Nº | ← a → | | ← b → | | | | | | |
|---------|-------|-------|-------|-------|-----|----|------|---|--------|
| | mm | " | mm | " | | | | | |
| D16S | 240 | 9 1/2 | 44 | 1 3/4 | 1,2 | ++ | 0,38 | 5 | VD0001 |
| D16S-SB | 240 | 9 1/2 | 44 | 1 3/4 | 1,2 | ++ | 0,38 | 5 | |



- No offset to blades, for short, straight and curved cuts with a large radius in both left and right directions
- Edges with micro-serrations for prevent slipping
- Available only in left cutting version

High-performance snips with HSS edges

Best solution for every application



Guaranteed high performance

Made from the best grade steel with case hardened HSS cutting edges. Compared to conventional snips, these **HIGH QUALITY – HIGH PERFORMANCE** models will fulfill the most stringent requirements

regarding service life and cutting properties. Great for use on stainless steel & other hard sheet metals. Available in a wide variety of styles! Traditional designs, compound leverage designs, straight cutting, shape cutting, ideal pattern snips. The large selection makes find the right tool for the job easy!

D27AH shape and straight cutting snip – with case-hardened HSS edges for considerably longer service life.

Your benefits at a glance:

1 Longer service life

Tempered drop-forged cutting heads have hardened HSS inserts for a much longer service life and performance than conventional snips. Even when cutting the harder metals like stainless steel.

2 Compound leverage

Compound leverage reduces the effort required considerably. This improves productivity while reducing hand fatigue for the worker.

3 Ergonomic handle

The plastic grips on the ergonomically designed handles have soft cushion inserts that further reduce hand fatigue for the worker. The soft cushion inserts also keep the hand from slipping on the grips.



HSS-TiN ideal snips



| Nº | ← a → | | ← b → | | | | | | |
|------------|-------|--------|-------|--------|-----|-------|------|---|--------|
| | mm | " | mm | " | | | | | |
| D27AH-TiN | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++++ | 0,52 | 1 | VD0003 |
| D27AHL-TiN | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | +++++ | 0,52 | 1 | |



- TiN coated- cutter head for longer service life even in case of hard materials
- Case-hardened HSS edges
- For continuous, straight and curved cuts
- Available in right or left cutting versions

High-performance snips with HSS edges

HSS shape and straight cutting snips

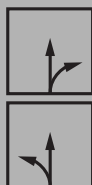


| Nº | ← a → | | ← b → | | ↓ max. ↑ | ⌚ | ⚖ | 📦 | VD0003 |
|--------|-------|--------|-------|--------|----------|------|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | |
| D27AH | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++++ | 0,52 | 1 | |
| D27AHL | 260 | 10 1/4 | 33 | 1 5/16 | 1,2 | ++++ | 0,52 | 1 | |



- For continuous, straight and curved cuts
- Edges made of case-hardened HSS
- Available in right or left cutting versions

HSS punch snips



| Nº | ← a → | | ← b → | | ↓ max. ↑ | ⌚ | ⚖ | 📦 | VD0003 |
|-----------|-------|----|-------|---------|----------|------|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | |
| D407-275 | 275 | 11 | 42 | 1 5/8 | 1,0 | ++++ | 0,53 | 1 | |
| D407-275L | 275 | 11 | 42 | 1 5/8 | 1,0 | ++++ | 0,53 | 1 | |
| D407-300 | 300 | 12 | 43 | 1 11/16 | 1,0 | ++++ | 0,60 | 1 | |
| D407-300L | 300 | 12 | 43 | 1 11/16 | 1,0 | ++++ | 0,60 | 1 | |



- For short, straight and curved cuts
- Edges made of case-hardened HSS
- Available in right or left cutting versions

High-performance snips with HSS edges

Erdi

HSS shape and straight cutting snips



| № | ← a → | | ← b → | | ↓ max. ↑ | | | | |
|-----------|-------|----|-------|-------|----------|------|------|---|--------|
| | mm | " | mm | " | mm | | | | VD0003 |
| D416-280 | 280 | 11 | 34 | 1 3/8 | 1,0 | ++++ | 0,58 | 1 | |
| D416-280L | 280 | 11 | 34 | 1 3/8 | 1,0 | ++++ | 0,58 | 1 | |



- For long continuous, straight and curved cuts
- Cutting edges made of case-hardened HSS
- Available in right or left cutting versions

HSS pelican snips



| № | ← a → | | ← b → | | ↓ max. ↑ | | | | |
|----------|-------|----|-------|--------|----------|------|------|---|--------|
| | mm | " | mm | " | mm | | | | VD0003 |
| D418-300 | 300 | 12 | 62 | 2 7/16 | 1,0 | ++++ | 0,66 | 1 | |
| D418-350 | 350 | 14 | 65 | 2 9/16 | 1,0 | ++++ | 0,80 | 1 | |



- For long continuous straight cuts
- Cutting edges made of case-hardened HSS
- Available only in right cutting version

Standard tin snips

Traditional style tin snips



Proven, robust and reliable

Standard tin snips are robust and reliable. For any application or any material: The wide range of standard tin snips guarantees that you will find the

right edge shape and cutting grade for your application. Completely forged, exceptionally robust and absolutely reliable. You can rely on them with certainty!

Standard tin snips D216 – Its a classic. Ideally suited for long continuous, straight and curved cuts.



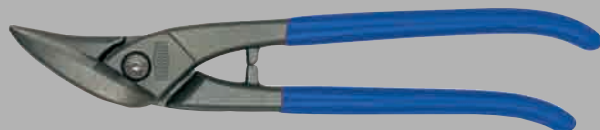
Your benefits at a glance:

- 1 Forged cutter head and handle**
Cutter head and handle are drop-forged as a single unit. This is what makes them so robust and reliable.
- 2 Induction hardened cutting edges**
Extra hard cutting edges guarantee more increased durability and optimal cutting results.
- 3 Bolted joint**
All conventional metal snips can be disassembled for easy sharpening, thus extending their service life!

Shape and straight cutting snips



| Nº | < a > | | < b > | | | | | | |
|--------------|-------|--------|-------|--------|-----|----|------|------|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0002 |
| D216-260 | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | ++ | 0,49 | 5 | |
| D216-260L | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | ++ | 0,49 | 5 | |
| D216-280 | 280 | 11 | 34 | 1 3/8 | 1,0 | ++ | 0,58 | 5 | |
| D216-280L | 280 | 11 | 34 | 1 3/8 | 1,0 | ++ | 0,58 | 5 | |
| D116-260 | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | + | 0,49 | 5 | |
| D116-260L | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | + | 0,49 | 5 | |
| D116-260-SB | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | + | 0,49 | 5 | |
| D116-260L-SB | 260 | 10 1/4 | 30 | 1 3/16 | 1,0 | + | 0,49 | 5 | |
| D116-280 | 280 | 11 | 34 | 1 3/8 | 1,0 | + | 0,58 | 5 | |
| D116-280L | 280 | 11 | 34 | 1 3/8 | 1,0 | + | 0,58 | 5 | |
| D116-280-SB | 280 | 11 | 34 | 1 3/8 | 1,0 | + | 0,58 | 5 | |
| D116-280L-SB | 280 | 11 | 34 | 1 3/8 | 1,0 | + | 0,58 | 5 | |



- For continuous, straight and curved cuts
- Available in right or left cutting versions

Standard tin snips



- For long continuous straight cuts
- Right and left cutting snips available in the 300 mm size – 350 mm size only available as right cut



Pelican snips

| N ^o | < a > | | < b > | | max. | max. | kg | qty. | VD0002 |
|----------------|-------|----|-------|--------|------|------|------|------|--------|
| | mm | " | mm | " | mm | | | | |
| D218-300 | 300 | 12 | 62 | 2 7/16 | 1,0 | ++ | 0,73 | 5 | |
| D218-300L | 300 | 12 | 62 | 2 7/16 | 1,0 | ++ | 0,73 | 5 | |
| D218-300-SB | 300 | 12 | 62 | 2 7/16 | 1,0 | ++ | 0,73 | 5 | |
| D218-300L-SB | 300 | 12 | 62 | 2 7/16 | 1,0 | ++ | 0,73 | 5 | |
| D218-350 | 350 | 14 | 65 | 2 9/16 | 1,0 | ++ | 0,80 | 5 | |
| D118-300 | 300 | 12 | 62 | 2 7/16 | 1,0 | + | 0,73 | 5 | |
| D118-300L | 300 | 12 | 62 | 2 7/16 | 1,0 | + | 0,73 | 5 | |
| D118-300-SB | 300 | 12 | 62 | 2 7/16 | 1,0 | + | 0,73 | 5 | |
| D118-300L-SB | 300 | 12 | 62 | 2 7/16 | 1,0 | + | 0,73 | 5 | |
| D118-350 | 350 | 14 | 65 | 2 9/16 | 1,0 | + | 0,80 | 5 | |



Shape cutting punch snips



- For short, straight and curved cuts (especially small radii)
- Very slick cutting head
- Available in right or left cutting versions



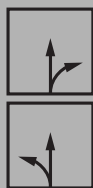
| N ^o | < a > | | < b > | | max. | max. | kg | qty. | VD0002 |
|----------------|-------|----|-------|---------|------|------|------|------|--------|
| | mm | " | mm | " | mm | | | | |
| D214-250 | 250 | 10 | 37 | 1 7/16 | 1,0 | ++ | 0,47 | 5 | |
| D214-250L | 250 | 10 | 37 | 1 7/16 | 1,0 | ++ | 0,47 | 5 | |
| D214-275 | 275 | 11 | 43 | 1 11/16 | 1,0 | ++ | 0,58 | 5 | |
| D114-250 | 250 | 10 | 37 | 1 7/16 | 1,0 | + | 0,47 | 5 | |
| D114-250L | 250 | 10 | 37 | 1 7/16 | 1,0 | + | 0,47 | 5 | |
| D114-250-SB | 250 | 10 | 37 | 1 7/16 | 1,0 | + | 0,47 | 5 | |
| D114-250L-SB | 250 | 10 | 37 | 1 7/16 | 1,0 | + | 0,47 | 5 | |







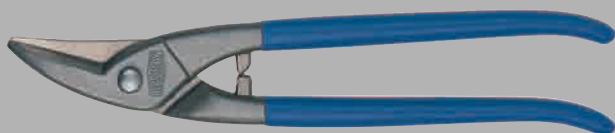
Standard tin snips

Erdi

Punch snips







| № | ← a → | | ← b → | |  |  |  |  | |
|--------------|-------|----|-------|-------|---|---|---|---|--------|
| | mm | " | mm | " | mm | | kg | qty. | |
| D207-250 | 250 | 10 | 42 | 1 5⁄8 | 1,0 | ++ | 0,49 | 5 | VD0002 |
| D207-250L | 250 | 10 | 42 | 1 5⁄8 | 1,0 | ++ | 0,49 | 5 | |
| D207-250-SB | 250 | 10 | 42 | 1 5⁄8 | 1,0 | ++ | 0,49 | 5 | |
| D207-250L-SB | 250 | 10 | 42 | 1 5⁄8 | 1,0 | ++ | 0,49 | 5 | |
| D207-275 | 275 | 11 | 42 | 1 5⁄8 | 1,0 | ++ | 0,55 | 5 | |
| D207-275L | 275 | 11 | 42 | 1 5⁄8 | 1,0 | ++ | 0,55 | 5 | |
| D207-300 | 300 | 12 | 47 | 1 7⁄8 | 1,0 | ++ | 0,60 | 5 | |
| D207-300L | 300 | 12 | 47 | 1 7⁄8 | 1,0 | ++ | 0,60 | 5 | |
| D107-225 | 225 | 9 | 38 | 1 1⁄2 | 1,0 | + | 0,37 | 5 | |
| D107-225-SB | 225 | 9 | 38 | 1 1⁄2 | 1,0 | + | 0,37 | 5 | |
| D107-250 | 250 | 10 | 42 | 1 5⁄8 | 1,0 | + | 0,49 | 5 | |
| D107-250L | 250 | 10 | 42 | 1 5⁄8 | 1,0 | + | 0,49 | 5 | |
| D107-250-SB | 250 | 10 | 42 | 1 5⁄8 | 1,0 | + | 0,49 | 5 | |
| D107-250L-SB | 250 | 10 | 42 | 1 5⁄8 | 1,0 | + | 0,49 | 5 | |
| D107-275 | 275 | 11 | 42 | 1 5⁄8 | 1,0 | + | 0,55 | 5 | |
| D107-275L | 275 | 11 | 42 | 1 5⁄8 | 1,0 | + | 0,55 | 5 | |
| D107-275-SB | 275 | 11 | 42 | 1 5⁄8 | 1,0 | + | 0,55 | 5 | |
| D107-275L-SB | 275 | 11 | 42 | 1 5⁄8 | 1,0 | + | 0,55 | 5 | |
| D107-300 | 300 | 12 | 47 | 1 7⁄8 | 1,0 | + | 0,60 | 5 | |
| D107-300L | 300 | 12 | 47 | 1 7⁄8 | 1,0 | + | 0,60 | 5 | |



Punch snip with curved blades D208



| Nº | ← a → | | ← b → | |  |  |  |  | |
|-----------|-------|----|-------|--------|---|---|---|---|--------|
| | mm | " | mm | " | mm | | kg | qty. | VD0002 |
| D208-275 | 275 | 11 | 40 | 1 9/16 | 1,0 | ++ | 0,51 | 5 | |
| D208-275L | 275 | 11 | 40 | 1 9/16 | 1,0 | ++ | 0,51 | 5 | |



- For short, straight and curved cuts
- Available in right or left cutting versions



- Especially for circular cuts
- Semi-circular edges
- Available in right or left cutting versions

Standard tin snips

- For straight and curved cuts
- Available only in right cutting version



Universal snips

| Nº | < a > | | < b > | | | | | | |
|----------|-------|----|-------|---------|-----|----|------|---|--------|
| | mm | " | mm | " | | | | | |
| D206-250 | 250 | 10 | 68 | 2 11/16 | 1,0 | ++ | 0,43 | 5 | VD0002 |
| D106-250 | 250 | 10 | 68 | 2 11/16 | 1,0 | + | 0,43 | 5 | |

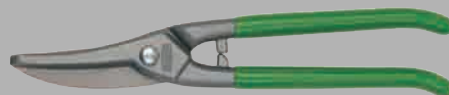


Universal snips with wide blade

- For straight and curved cuts (large radii)
- Available only in right cutting version



| Nº | < a > | | < b > | | | | | | |
|--------------|-------|----|-------|-------|-----|---|------|---|--------|
| | mm | " | mm | " | | | | | |
| D106A-250 | 250 | 10 | 67 | 2 5/8 | 1,0 | + | 0,39 | 5 | VD0002 |
| D106A-250-SB | 250 | 10 | 67 | 2 5/8 | 1,0 | + | 0,39 | 5 | |



Lyons pattern snip

- For straight cuts
- Available only in right cutting version



| Nº | < a > | | < b > | | | | | | |
|----------|-------|----|-------|--------|-----|---|------|---|--------|
| | mm | " | mm | " | | | | | |
| D101-250 | 250 | 10 | 59 | 2 5/16 | 1,0 | + | 0,51 | 5 | VD0002 |



Standard tin snips

Erdi

Berlin pattern snips



| Nº | ← a → | | ← b → | | | | | | |
|-------------|-------|----|-------|--------|-----|----|------|---|--------|
| | mm | " | mm | " | | | | | |
| D202-250 | 250 | 10 | 60 | 2 3/8 | 1,0 | ++ | 0,48 | 5 | VD0002 |
| D202-300 | 300 | 12 | 79 | 3 | 1,0 | ++ | 0,72 | 5 | |
| D102-225 | 225 | 9 | 55 | 2 3/16 | 1,0 | + | 0,44 | 5 | |
| D102-225-SB | 225 | 9 | 55 | 2 3/16 | 1,0 | + | 0,44 | 5 | |
| D102-250 | 250 | 10 | 60 | 2 3/8 | 1,0 | + | 0,48 | 5 | |
| D102-250-SB | 250 | 10 | 60 | 2 3/8 | 1,0 | + | 0,48 | 5 | |
| D102-300 | 300 | 12 | 79 | 3 | 1,0 | + | 0,72 | 5 | |
| D102-300-SB | 300 | 12 | 79 | 3 | 1,0 | + | 0,72 | 5 | |



- For straight cuts
- Available only in right cutting version

English pattern snip



| Nº | ← a → | | ← b → | | | | | | |
|-------------|-------|----|-------|---------|-----|---|------|---|--------|
| | mm | " | mm | " | | | | | |
| D159-200 | 200 | 8 | 46 | 1 7/8 | 1,0 | + | 0,29 | 6 | VD0002 |
| D159-200-SB | 200 | 8 | 46 | 1 7/8 | 1,0 | + | 0,29 | 6 | |
| D159-250 | 250 | 10 | 57 | 2 1/4 | 1,0 | + | 0,49 | 6 | |
| D159-250-SB | 250 | 10 | 57 | 2 1/4 | 1,0 | + | 0,49 | 6 | |
| D159-300 | 300 | 12 | 68 | 2 11/16 | 1,0 | + | 0,63 | 6 | |
| D159-300-SB | 300 | 12 | 68 | 2 11/16 | 1,0 | + | 0,63 | 6 | |
| D159-350 | 350 | 14 | 70 | 2 3/4 | 1,0 | + | 0,83 | 6 | |
| D159-350-SB | 350 | 14 | 70 | 2 3/4 | 1,0 | + | 0,83 | 6 | |



- For straight cuts
- Available only in left cutting version

American pattern snip



| Nº | ← a → | | ← b → | | | | | | |
|-------------|-------|----|-------|---------|-----|---|------|---|--------|
| | mm | " | mm | " | | | | | |
| D146-200 | 200 | 8 | 41 | 1 5/8 | 1,0 | + | 0,24 | 6 | VD0002 |
| D146-200-SB | 200 | 8 | 41 | 1 5/8 | 1,0 | + | 0,24 | 6 | |
| D146-250 | 250 | 10 | 54 | 2 1/8 | 1,0 | + | 0,47 | 6 | |
| D146-250-SB | 250 | 10 | 54 | 2 1/8 | 1,0 | + | 0,47 | 6 | |
| D146-300 | 300 | 12 | 68 | 2 11/16 | 1,0 | + | 0,63 | 6 | |
| D146-300-SB | 300 | 12 | 68 | 2 11/16 | 1,0 | + | 0,63 | 6 | |
| D146-350 | 350 | 14 | 72 | 2 13/16 | 1,0 | + | 0,91 | 6 | |
| D146-350-SB | 350 | 14 | 72 | 2 13/16 | 1,0 | + | 0,91 | 6 | |



- For straight cuts
- Available only in left cutting version



You will find compound American snips on page 109

Steel strap cutters



- Holds banding tightly during cutting to prevent banding from springing up
- Flat lower jaw easily slips under taut banding
- For band width up to 25 mm, band thickness up to 0.6 mm



Safety strap cutter with compound leverage

| № | ← a → | | ← b → | |  |  | VD0002 |
|----------|-------|--------|-------|-------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D122S | 260 | 10 1/4 | 38 | 1 1/2 | 0,60 | 5 | |
| D122S-SB | 260 | 10 1/4 | 38 | 1 1/2 | 0,60 | 5 | |



Steel strap cutter



- The lower holder prevents band ends from springing up
- Flat lower jaw easily slips under taut banding

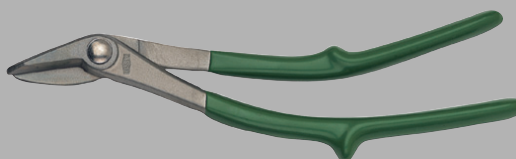
| № | ← a → | | ← b → | |  |  | VD0002 |
|-------|-------|---|-------|-------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D122N | 225 | 9 | 31 | 1 1/4 | 0,40 | 5 | |



Steel strap cutter

- Flat lower jaw easily slips under taut banding
- High price to performance ratio



| № | ← a → | | ← b → | |  |  | VD0002 |
|-------|-------|-------|-------|--------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D122A | 260 | 7 7/8 | 30 | 1 3/16 | 0,42 | 5 | |



Sheet nibbler and bolt cutter

Erdi



Nibbler with cutting-off function

| N ^o | Description | ← a → | |  |  | |
|----------------|--------------------|-------|--------|---|---|--|
| | | mm | " | | | |
| D23 | Nibbler | 265 | 10 1/2 | 0,48 | 5 | |
| D23-SB | Nibbler | 265 | 10 1/2 | 0,48 | 5 | |
| D231 | Replacement blades | - | - | 0,02 | 1 | |
| D232 | Spare mould | - | - | 0,04 | 1 | |



- For distortion-free cuts in sheets having thickness of up to 1.2 mm
- Clean, burr-free cutting edges, no deformation of surfaces
- With integrated chip-separator for cleanly cut notches.



Bolt cutter

| N ^o | Description | ← a → | | 800 | 1200 | 1600 |  |  | |
|----------------|-------------|-------|--------|------|------|------|---|---|--|
| | | mm | " | Ø mm | Ø mm | Ø mm | | | |
| D90-350 | Bolt cutter | 350 | 14 | 6 | 3 | | 1,00 | 12 | |
| D90-450 | Bolt cutter | 450 | 18 | 8 | 6 | | 1,56 | 6 | |
| D92-450 | Bolt cutter | 450 | 18 | 8 | 6 | 4 | 1,55 | 6 | |
| D92-600 | Bolt cutter | 600 | 23 1/2 | 9 | 7 | 5 | 2,66 | 6 | |
| D92-750 | Bolt cutter | 750 | 29 1/2 | 12 | 7 | 6 | 3,94 | 2 | |



- Cutter head with compounding action mechanism made of special tool steel
- Tempered quality edges
- Forged adaptor, painted pipe section
- Easily adjustable

Mesh cutter

| N ^o | Description | ← a → | | 800 | 1200 | 1600 |  |  | |
|----------------|-------------|-------|--------|------|------|------|---|---|--|
| | | mm | " | Ø mm | Ø mm | Ø mm | | | |
| D93-800 | Mesh cutter | 800 | 31 1/2 | 12 | 8 | | 2,90 | 2 | |



- Powerful special cutter head made of specially selected tool steel
- Tempered quality cutting edges
- Forged tool head with tubular steel handles
- Easily adjustable

Multi-purpose cutters

General Purpose Snips



Universal range of services– and applications

These versatile multi-purpose snips are equally at home in the toolbox, kitchen gadget drawer or garden shed. Always and everywhere. The hard stainless steel blades are well suited both for

cutting thin metal sheets as well as a variety of soft materials such as paper, fabrics and cardboard. Also works well for cutting flowers and light pruning. The handles are plastic with a soft cushion insert for comfort and to prevent slipping. Ergonomic design makes this snip a pleasure to use!

D48A-2 combi-snips – multi-purpose comfort with angled edges.

The D49-2 Electricians' scissors – for multicore cables with diameter up to 10 mm.

Multi-purpose cutters

Erdi

Multi-purpose cutters

| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|-------|-------|-------|------|------|--------|
| | mm | " | mm | " | | | |
| D47-2 | 140 | 5 1/2 | 31 | 1 1/4 | 0,05 | 15 | |
| D48-2 | 190 | 7 3/4 | 42 | 1 5/8 | 0,11 | 10 | |



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- Stainless steel blades
- On carded hang pack

Angled combi snips

| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|-------|-------|-------|------|------|--------|
| | mm | " | mm | " | | | |
| D48A-2 | 190 | 7 1/2 | 36 | 1 3/8 | 0,11 | 10 | |



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- Stainless steel blades
- Offset blades
- On carded hang pack

Cable cutters

| N ^o | ← a → | | kg | qty. | VD0002 |
|----------------|-------|-------|------|------|--------|
| | mm | " | | | |
| D49-2 | 165 | 6 1/2 | 0,12 | 10 | |



- NEW: ERGO-handle for increased comfort – reduced hand fatigue!
- For multicore cables with diameter up to 10 mm
- Stainless steel blades
- On carded hang pack

MULTISNIP Master



| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|-------|-------|---|------|------|--------|
| | mm | " | mm | " | | | |
| D51A | 235 | 9 1/4 | 50 | 2 | 0,18 | 5 | |





- For long continuous straight and curved cuts
- All metal parts are made of stainless steel
- Handle made of robust fibreglass-reinforced plastic with a soft material insert
- Angled cutter head for greater safety – keep the material at a distance and keep your hand out of the danger zone
- On carded hang pack

Multi-purpose cutters

- Stainless steel blades
- On a retail backer card



Multi-purpose cutters

| N ^o | ← a → | | ← b → | |  |  | VD0002 |
|----------------|-------|-------|-------|-------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D47 | 140 | 5 1/2 | 31 | 1 1/4 | 0,05 | 15 | |
| D48 | 190 | 7 1/2 | 42 | 1 5/8 | 0,11 | 10 | |



Angled combi snips



- Stainless steel blades
- Offset blades
- On a retail backer card

| N ^o | ← a → | | ← b → | |  |  | VD0002 |
|----------------|-------|-------|-------|-------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D48A | 190 | 7 1/2 | 38 | 1 1/2 | 0,11 | 10 | |



Cable cutters



- For multicore cables with diameter up to 10 mm
- Stainless steel blades
- On a retail backer card

| N ^o | ← a → | |  |  | VD0002 |
|----------------|-------|-------|---|---|--------|
| | mm | " | kg | qty. | |
| D49 | 160 | 6 1/4 | 0,12 | 10 | |



Combinox

- Stainless steel blades
- Ergonomically designed handles with soft-insert
- With wire guide for cutting binding wire
- Circular cutting to stop for stripping cable
- On a retail backer card

| N ^o | ← a → | | ← b → | |  |  | VD0002 |
|----------------|-------|-------|-------|--------|---|---|--------|
| | mm | " | mm | " | kg | qty. | |
| D50 | 190 | 7 1/2 | 40 | 1 9/16 | 0,14 | 10 | |



Folding utility knives

Erdi

Bladed jack-knife with ABS comfort handle

| Nº | ← a → | | ← b → | | kg | qty. | VD0003 |
|----------|-------|-----|-------|-----|------|------|--------|
| | mm | " | mm | " | | | |
| DBKPH-EU | 160 | 6 ¼ | 28 | 1 ⅛ | 0,18 | 12 | |



- Comfortable plastic handle
- Blade compartment for replacement blades
- Thumb cushion for max. contact pressure
- Belt clip
- With 5 extra blades included
- Packed in clamshell

Bladed jack-knife with wood handle

| Nº | ← a → | | ← b → | | kg | qty. | VD0003 |
|----------|-------|-----|-------|-----|------|------|--------|
| | mm | " | mm | " | | | |
| DBKWH-EU | 160 | 6 ¼ | 28 | 1 ⅛ | 0,20 | 12 | |



- Fine wooden handle
- Quick blade exchange
- Belt clip
- With 5 extra blades included
- Packed in clamshell

Bladed jack-knife with aluminium handle

| Nº | ← a → | | ← b → | | kg | qty. | VD0003 |
|----------|-------|-----|-------|-----|------|------|--------|
| | mm | " | mm | " | | | |
| DBKAH-EU | 160 | 6 ¼ | 28 | 1 ⅛ | 0,14 | 12 | |



- Light aluminium handles
- Quick blade exchange
- Belt clip
- With 5 extra blades included
- Packed in clamshell

All knives will be delivered in an attractive display box.
Sale to dealers in packaging units only.



High-tech shears

Best precision grinding – best precision cuts



High tech shears for high tech fabrics!

These shears represent state-of-the-art technology. Specially designed to neatly cut today's high tech fabrics, woven from carbon fibre as well as aramid fibres such as Kevlar® and Nomex®. Screw heads and nuts are all counter sunk to prevent snagging of the fabric. Cutting edges are precision ground and can be sharpened many times. Some

have micro-serrations engineered to hold fibres and prevent them from sliding along the blades. Aramid shears have undergone a special coating process designed to prolong their service life. They are resistant to many solvents and corrosive cleaning agents such as acetone. These shears are the longest lasting and the hardest working. They truly are the "acme", the "ne plus ultra" of cutting tools.

The D 920 "Aramid" fabric-shears have been – specially developed for Kevlar® and other Aramid-fabrics.

Kevlar® and Nomex® are registered trademarks of DuPont

High-tech shears

Erdi

D 920 "Aramid" fabric shears

| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|---|-------|---|------|------|--------|
| | mm | " | mm | " | | | |
| D920-225 | 225 | 9 | 100 | 4 | 0,27 | 1 | |



- Cutting edges with micro-serrations, that prevent fine-meshed and smooth fabrics from slipping
- Hard-coated specially for Aramid-fabric (e.g. Kevlar®)
- Resistant to solvents

D 910 "Fibre-Z" fabric shears

| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|---|-------|---|------|------|--------|
| | mm | " | mm | " | | | |
| D910-225 | 225 | 9 | 100 | 4 | 0,27 | 1 | |



- Cutting edges with micro-serrations, that prevent fine meshed and smooth fabrics from slipping
- For, e.g. fibreglass and carbon fibre mats
- Resistant to solvents

D 900 "Fibre" fabric shears

| N ^o | ← a → | | ← b → | | kg | qty. | VD0002 |
|----------------|-------|---|-------|---|------|------|--------|
| | mm | " | mm | " | | | |
| D900-225 | 225 | 9 | 100 | 4 | 0,27 | 1 | |



- Without serrations for long and sliding cuts
- For, e.g. fibreglass and carbon fibre mats
- Resistant to solvents

Jewellers' and thin sheet snips

High-precision edges



Best BESSEY- quality with the highest precision

BESSEY has over 80 years of experience in manufacturing metal cutting snips. We use this un-matched know-how in all our products. This

becomes self evident to all who use one of these fine jewellers' snips. Having the best quality tools pays off again and again wherever highest precision is required.

Jewellers' and thin sheet snips – wide variety of styles for precision cutting of thin metals!

Jewellers' snips

| № | Description | ← a → | | ← b → | | kg | qty. | VD0002 |
|-------|----------------|-------|---|-------|-----|------|------|--------|
| | | mm | " | mm | " | | | |
| D70-1 | Straight edges | 180 | 7 | 31 | 1 ¼ | 0,13 | 12 | |
| D71-1 | Curved edges | 175 | 7 | 32 | 1 ¼ | 0,13 | 12 | |



- Closed handles
- Completely nickel coated

Jewellers' snips

| № | Description | ← a → | | ← b → | | kg | qty. | VD0002 |
|-------|----------------|-------|---|-------|-----|------|------|--------|
| | | mm | " | mm | " | | | |
| D72-1 | Straight edges | 180 | 7 | 31 | 1 ¼ | 0,11 | 12 | |
| D73-1 | Curved edges | 175 | 7 | 29 | 1 ⅛ | 0,11 | 12 | |



- Open handles
- Completely nickel coated

Jewellers' snips

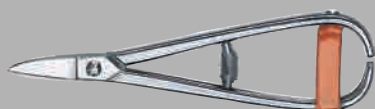
| № | Description | ← a → | | ← b → | | kg | qty. | VD0002 |
|-------|----------------|-------|---|-------|-----|------|------|--------|
| | | mm | " | mm | " | | | |
| D74-1 | Straight edges | 180 | 7 | 34 | 1 ⅜ | 0,09 | 12 | |
| D75-1 | Curved edges | 175 | 7 | 33 | 1 ⅝ | 0,09 | 12 | |



- With handle loops
- Completely nickel coated

Jewellers' snips

| № | Description | ← a → | | ← b → | | kg | qty. | VD0002 |
|-------|----------------|-------|---|-------|-------|------|------|--------|
| | | mm | " | mm | " | | | |
| D76-1 | Straight edges | 180 | 7 | 26 | 1 | 0,14 | 12 | |
| D77-1 | Curved edges | 175 | 7 | 20 | 13/16 | 0,14 | 12 | |



- Closed handle with spring
- Completely nickel coated



Household and multi-purpose shears



- Stainless steel blades
- Comfortable handles loops with soft cushion inserts
- On carded hang pack

Multi-purpose shears

| N ^o | < a > | | kg | qty. | VD0002 |
|----------------|-------|-------|------|------|--------|
| | mm | " | | | |
| D820-200 | 200 | 7 7/8 | 0,07 | 12 | |
| D820-250 | 250 | 10 | 0,10 | 12 | |



Multi-purpose shears

| N ^o | < a > | | kg | qty. | VD0002 |
|----------------|-------|-------|------|------|--------|
| | mm | " | | | |
| D821-160 | 160 | 6 1/4 | 0,04 | 12 | |
| D821-180 | 180 | 7 | 0,07 | 12 | |



Electricians' scissors

| N ^o | < a > | | kg | qty. | VD0002 |
|----------------|-------|---|------|------|--------|
| | mm | " | | | |
| D53 | 125 | 5 | 0,07 | 12 | |



- Nickel plated serrated blades
- With a wire cutter

Household and multi-purpose shears

Erdi

Household and dressmakers' shears

| Nº | ← a → | | kg | qty. | VD0002 |
|----------|-------|---|------|------|--------|
| | mm | " | | | |
| D840-150 | 150 | 6 | 0,07 | 12 | |
| D840-180 | 180 | 7 | 0,09 | 12 | |



- Completely nickel coated

Paperhangers' shears

| Nº | ← a → | | kg | qty. | VD0002 |
|----------|-------|----|------|------|--------|
| | mm | " | | | |
| D851-250 | 250 | 10 | 0,17 | 12 | |



- Completely nickel coated
- Oblong and round handle loops

Paperhanger's and paper shears

| Nº | ← a → | | kg | qty. | VD0002 |
|----------|-------|---|------|------|--------|
| | mm | " | | | |
| D853-200 | 200 | 8 | 0,08 | 12 | |



- Completely nickel coated
- Serrated lower blade

Industrial and professional shears

| Nº | ← a → | | kg | qty. | VD0002 |
|----------|-------|----|------|------|--------|
| | mm | " | | | |
| D860-200 | 200 | 8 | 0,24 | 6 | |
| D860-225 | 225 | 9 | 0,27 | 6 | |
| D860-250 | 250 | 10 | 0,36 | 6 | |



- Robust design
- Black handle
- Oblong and round handle loops

Tools for sheet metal work and plumbing

Special tools for specialists



Developed by professionals in the field of cutting technology

Being specialists ourselves, we know what specialists appreciate: highest quality and maximum reliability. Tools for sheet metal work –

and plumbing by BESSEY provide you with both. These drop-forged, quality steel tools distinguish themselves due to their robustness and durability. Designed to the highest standards and to be the best! Designed to never let you down! Designed to be in your toolbox, because you want only the best!

Tools for sheet metal work and plumbing. Highest professional quality.

Flat-nosed pliers for sheet metal work

| № | Pivot screw version | ← a → | | kg | qty. | VD0003 |
|------|---------------------|-------|-------|------|------|--------|
| | | mm | " | | | |
| D301 | put on | 240 | 9 1/2 | 0,40 | 6 | |



- Forged from quality steel
- PVC-coated handles
- Flat jawed pliers

Round nosed pliers

| № | Pivot screw version | ← a → | | kg | qty. | VD0003 |
|------|---------------------|-------|--------|------|------|--------|
| | | mm | " | | | |
| D311 | put on | 260 | 10 1/4 | 0,38 | 6 | |



- Forged from quality steel
- PVC-coated handles
- Round jawed pliers

Mini-folding pliers

| № | Form | Pivot screw version | Opening width | ← a → | | kg | qty. | VD0003 |
|---------|----------|---------------------|---------------|-------|---|------|------|--------|
| | | | | mm | " | | | |
| D331-22 | straight | put on | 22 | 180 | 7 | 0,21 | 6 | |
| D341-22 | 45° bent | put on | 22 | 180 | 7 | 0,21 | 6 | |



- For small and precise seaming – and bending operations
- Forged from quality steel
- Completely hardened

Tools for sheet metal work and plumbing



- Forged from quality steel
- Powder-coated in black

Seaming and clinching pliers

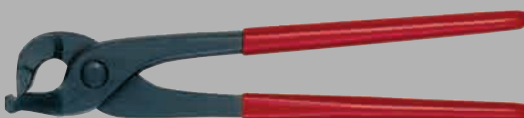
| Nº | Form | Pivot screw version | Opening width | ← a → | | kg | qty. | VD0003 |
|---------|----------|---------------------|---------------|-------|------|------|------|--------|
| | | | | mm | " | | | |
| D33-60 | straight | passed through | 60 | 270 | 10 ¾ | 0,60 | 6 | |
| D331-40 | straight | put on | 40 | 270 | 10 ¾ | 0,65 | 6 | |
| D331-60 | straight | put on | 60 | 270 | 10 ¾ | 0,69 | 6 | |
| D331-80 | straight | put on | 80 | 320 | 12 ¾ | 0,95 | 6 | |
| D34-60 | 45° bent | passed through | 60 | 270 | 10 ¾ | 0,72 | 6 | |
| D341-40 | 45° bent | put on | 40 | 270 | 10 ¾ | 0,69 | 6 | |
| D341-60 | 45° bent | put on | 60 | 270 | 10 ¾ | 0,71 | 6 | |
| D341-80 | 45° bent | put on | 80 | 320 | 12 ¾ | 0,92 | 6 | |
| D35-60 | 90° bent | passed through | 60 | 270 | 10 ¾ | 0,76 | 6 | |
| D351-60 | 90° bent | put on | 60 | 270 | 10 ¾ | 0,75 | 6 | |



Folding pliers

- Forged from quality steel
- Bronzed
- PVC-coated handles

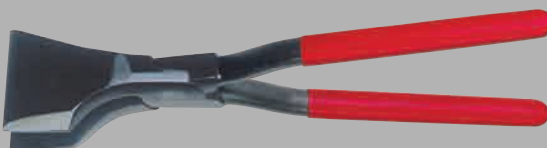
| Nº | Form | Pivot screw version | Opening width | ← a → | | kg | qty. | VD0003 |
|------|----------|---------------------|---------------|-------|----|------|------|--------|
| | | | | mm | " | | | |
| D355 | straight | put on | 30 | 250 | 10 | 0,45 | 5 | |



Corner Seaming and clinching pliers

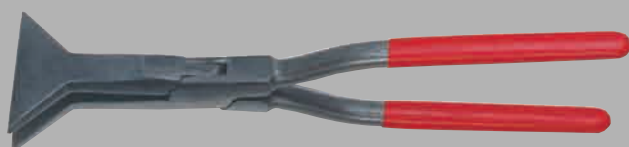
- Forged from quality steel
- Bronzed
- PVC-coated handles

| Nº | Form | Pivot screw version | Opening width | ← a → | | kg | qty. | VD0003 |
|------|----------|---------------------|---------------|-------|----|------|------|--------|
| | | | | mm | " | | | |
| D335 | straight | put on | 60 | 280 | 11 | 0,74 | 5 | |



Squeeze-folding pliers

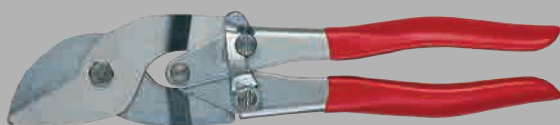
| N ^o | Form | Pivot screw version | Opening width | ← a → | | kg | qty. | VD0003 |
|----------------|----------|---------------------|---------------|-------|--------|------|------|--------|
| | | | | mm | " | | | |
| D336 | straight | passed through | 80 | 320 | 12 3/4 | 0,78 | 5 | |



- Forged from quality steel
- Bronzed
- PVC-coated handles

Pipe-pulling pliers

| N ^o | ← a → | | kg | qty. | VD0003 |
|----------------|-------|----|------|------|--------|
| | mm | " | | | |
| D36 | 250 | 10 | 0,47 | 1 | |



- 3 bottom - and 2 top jaws enable quick and efficient work
- Self-opening
- Completely galvanised
- PVC-coated handles

Gutter support bowing pliers open shap

| N ^o | ← a → | | kg | qty. | VD0003 |
|----------------|-------|----|------|------|--------|
| | mm | " | | | |
| D396 | 680 | 20 | 3,15 | 1 | |



- 10 mm recess width for gutter irons up to 40 x 6 mm
- Head made of rust-proof malleable cast iron
- Gliding role for protecting the plastic-coated gutter irons

Alphabetic register

Numerics

2K handle 96

A

Accessories 44, 49, 79, 96, 97
All-steel screw clamp 34, 35
Aluminium mini clamp 64
American pattern snip 109, 121
Angle clamp 76
Angle door frame straightening clamp 82
Area pressure clamp 55
Aviation snips D16/D16L/D16S 111

B

Band clamps 73, 74
BAS-C compact clamp 93
BAS-CB compact clamp 93
Base unit 93
BAS-U matic clamp 93
Berlin pattern snips 121
BESSEY Best-Comfort-System 96
Body clamp 55
Bolt cutter 123

C

Cable cutters 125, 126
Cast iron screw clamp 64
C-clamp 50, 51
C-frame edge clamp 71
C-grip 91
Clamp trolley 98, 99
Claw clamp 49
Claw machine clamp 94
Clippix 68
Combinox 126
Cutting ring 79

D

D27 shape cutting snips 107
D27A shape and straight cutting snips 107
D27B straight cutting snips 107
Deep throat clamp 25
Demonstration trolley 98
Display VarioClippix 67
Door casing assembly brace 82
Door frame clamp 82
Door frame straightening clamp 82
DuoKlamp 59

E

Earth (ground) clamp 95
Edge clamp 71
Edge-gluing clamp 71
Electricians' scissors 132
English pattern snip 121

F

Fabric shears 129
"Fibre" fabric shears 129
"Fibre-Z" fabric shears 129
Fitters' clamp 43
Flat-nosed pliers 135
Flooring and clamping system 87
Flooring clamp 87
Folding locking utility knife 127
Folding pliers 136
Frame clamp 55

G

Grip plier 91
Gutter support bowing pliers 137

H

High-performance clamp 43, 44
Hold down fixture 95
Household and dressmakers' shears 133
HSS D416 shape and straight cutting snips 115

I

Ideal snips, light D16A 108
Ideal snips, maneuverable D08 108
Industrial and professional shears 133
Irregular angle clamp 76

J

Jewellers' snips 131

K

Kantenfix 70
KliKlamp 63

L

Lever clamp 39
Lyons pattern snip 120

M

Machine table clamp 93, 94
Machine table clamps 93
Malleable cast iron screw clamp 19, 20, 21, 25
Malleable cast iron screw clamps 22, 23, 24
Mash cutter 123
Metal angle clamp 89
Mini folding pliers 135
Mitre clamp 76, 77
Mitre clamping system 77
Multi angle pad 97
Multi-purpose cutters 125, 126
Multi-purpose shears 132
MULTISNIP Longstyle D22A 109
MULTISNIP Master D51A 125

N

Nibbler with cutting-off function 123

O

| | |
|-----------------------|--------|
| Omega screw clamp | 31 |
| One-handed clamp | 57, 59 |
| One-handed edge clamp | 70 |

P

| | |
|---|--------|
| Paperhanger's and paper shears | 133 |
| Paperhangers' shears | 133 |
| Parallel grip | 91 |
| Parallel screw clamp | 65 |
| Pelican snip HSS D418 | 115 |
| Pelican snips D218/D118 | 118 |
| Pipe clamping set | 83, 97 |
| Pipe grip | 91 |
| Pipe-pulling pliers | 137 |
| Plate girder | 71 |
| Pressure cap strips | 97 |
| Pressure piece | 49 |
| Pressure plates for high-performance clamps | 44 |
| Pump clamp | 27 |
| Punch snip HSS D407 | 114 |
| Punch snip with curved blades | 119 |
| Punch snips D207/D107 | 119 |

R

| | |
|---|-----|
| Rafter clamps | 79 |
| Ratchet strap | 74 |
| Ratchet transportation belt | 74 |
| Relufix | 85 |
| Replaceable pressure plates for Best-Comfort-System | 96 |
| Round nosed pliers | 135 |

S

| | |
|---|--------|
| Safety strap cutter with compound leverage | 122 |
| Sash clamp | 83 |
| Screw clamp | 65 |
| Seaming and clinching pliers | 136 |
| Seaming tool | 87 |
| Selling aids | 98, 99 |
| Shape and straight cutting snip D29ASS-2 | 106 |
| Shape and straight cutting snip HSS D27AH | 114 |
| Shape and straight cutting snip TiN D27AH-TiN | 113 |
| Shape and straight cutting snips D216/D116 | 117 |
| Shape and straight cutting snips, robust D17A | 108 |
| Shape cutting punch snips D214/ D114 | 118 |
| Shape cutting snip D29SS-2 | 106 |
| Spacer | 87 |
| Spring clamp | 67, 68 |
| Spring clamps | 68 |
| Squeeze folding pliers | 137 |
| Steel strap cutter | 122 |
| Straight cutting snip D29BSS-2 | 106 |
| Synchro-Lock | 39 |

T

| | |
|---|---------------|
| Table clamp | 64 |
| Tommy bar accessory | 97 |
| Tools for sheet metal work and plumbing | 135, 136, 137 |

U

| | |
|---------------------------------|-----|
| U-clamp | 47 |
| UniKlamp | 53 |
| Universal snips | 120 |
| Universal snips with wide blade | 120 |
| U-shaped all-steel screw clamp | 47 |
| U-shaped high-performance clamp | 47 |
| U-shaped lever clamp | 47 |

V

| | |
|----------------------|----|
| Vario corners | 73 |
| VarioClippix | 67 |
| VarioClippix Display | 67 |
| Variogrip | 91 |

W

| | |
|---------------------------|----|
| Welding clamp set | 89 |
| Window assembly clamps | 85 |
| Window installation clamp | 85 |
| Wood Klemmy | 64 |
| Wrench with T-bar | 93 |



Simply better.



3007700 „b1“ LS 06/2007

www.bessey.de

BESSEY Tool GmbH & Co. KG ■ P.O. Box 1154
D-74301 Bietigheim-Bissingen ■ Phone +49 7142 401-0
Fax +49 7142 401-452 ■ E-Mail: info@bessey.de