53000 Malleable iron screw clamps

ATORN®

Design
- Heavy-duty design

- Arms reinforced by shafts with non-slip and spindle safety device (from 80 mm overhang)
- 3-component handle
- Hollow profile rail, ribbed, zinc-plated

53000

Clamping width mm	Overhang mm	Rail mm	53000	...
120	65	22 x 6		101
160	80	22 x 6		102
200	100	30 x 8		103
250	120	30 x 8		104
300	140	35 x 9		105
400	175	35 x 9		106
500	120	35 x 11		107
600	120	35 x 11		108
800	120	35 x 11		109
1000	120	35 x 11		110
1500	120	35 x 11		111
2000	120	35 x 11		112

53004 - 53006 Malleable iron screw clamps

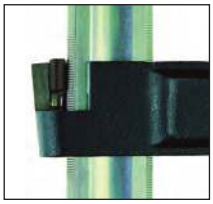
Design
- Extremely sturdy design
- With torque adjustment
- **High-quality malleable iron clamping arms**
- **Profiled steel sliding rail**, bright zinc-plated
- Bronzed pressure spindle with movable spherical pressure plate
- Wooden handle
- Up to 400 mm clamping width with protective plastic caps

53004

53006

Design
From size 160 x 80 mm with slip protection against slippage of the clamping arm during clamping.

53004 53006



Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53004	...	53006	...
100	50	15 x 5	0.25		101		101
120	60	20 x 5	0.40		102		102
160	80	25 x 6	0.70		103		103
200	100	27 x 7	1.10		104		104
250	120	29 x 9	1.50		105		105
300	140	32 x 10	2.00		106		106
400	175	32 x 10	2.60		107		107
500	120	35 x 11	2.70		108		108
600	120	35 x 11	3.00		109		109
800	120	35 x 11	3.50		111		111
1000	120	35 x 11	4.00		112		112
1250	120	35 x 11	4.70				113
2000	120	35 x 11	6.70				116
2500	120	35 x 11	7.94				119

53008 All-steel screw clamps

ATORN®

Design
- Fixed arm made of cold-drawn profile steel, tempered, zinc-plated

- Sliding arm die-forged, tempered, zinc-plated
- Smooth-running, bronzed steel spindle with trapezoidal thread and movable pressure plate with integrated spindle safety device
- 3-component handle

53008

Clamping width mm	Overhang mm	Rail mm	53008	...
120	60	13.5 x 6.5		101
160	80	16.0 x 7.5		102
200	100	19.5 x 9.5		103
250	120	22.0 x 10.5		104
300	140	25.0 x 12.0		105
400	120	25.0 x 12.0		106
500	120	25.0 x 12.0		107
600	120	25.0 x 12.0		108

53010 All-steel screw clamps

Design
- **20% more clamping force per spindle revolution thanks to optimised rail profile**
- Power transmitted to the sliding arm in a straight line for maximum safety
- Tempered sliding and fixed arms for resilient and elastic clamping
- Ergonomically shaped wooden handle

Applications
For clamping forces of up to 5 kN.

53010

Clamping width mm	Overhang mm	Rail mm	53010	...
100	60	15.0 x 6.0		**201**
120	60	15.0 x 6.0		**202**
160	80	17.5 x 6.8		**203**
200	100	22.0 x 8.5		**204**
250	120	24.5 x 9.5		**205**
300	140	28.0 x 11.0		**206**
400	120	28.0 x 11.0		**207**
500	120	28.0 x 11.0		**208**
600	120	28.0 x 11.0		**209**
800	120	28.0 x 11.0		**210**
1000	120	28.0 x 11.0		**211**
1250	120	28.0 x 11.0		**212**

53012 One-handed clamps

Design
- **Fixed and sliding arms made of heat-treated steel, tempered and zinc-plated**
- Housing and lever made of fibreglass-reinforced polyamide
- Innovative protective caps made of elastic plastic for gentle clamping

Applications
Quick fixing with one hand, powerful clamping with trapezoidal threaded spindle, **up to 5000 N clamping force.**
Ergonomic release button for easy movement of the sliding arm.
Particularly suitable for overhead work and with sprung or strongly yielding workpieces.

53012

Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53012	...
300	100	19.5 x 9.5	1.25		**101**
600	100	19.5 x 9.5	1.70		**102**

53011 One-handed clamps

Design
- Can be reversed without tools for spreading thanks to the intelligent release mechanism on the upper part
- Ergonomically shaped two-component plastic handle behind the rail

Applications
For clamping forces of up to 2000 N.

53011

Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53011	...
150	80	19 x 6	0.72		**101**
300	80	19 x 6	0.83		**102**
450	80	19 x 6	0.93		**103**
600	80	19 x 6	1.04		**104**

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53016 GearKlamp gear clamps

Big performance in a small space
Make the impossible possible!

The new GearKlamp gear clamp from BESSEY gives you a solution for performing perfect, comfortable clamping work even in confined spaces. To do this, BESSEY has separated the spindle from the handle and placed it around the rail. From there, with every turn of the new GearKlamp, the clamping force is transferred to the spindle via a mechanism concealed in the sliding arm. Compared to classic screw clamps, lever-action clamps or one-handed clamps, the design of the new gear clamp is much more compact, which provides decisive benefits for the user: On the one hand, there are no disruptive tool components in the work area that the user could hit and thus damage the workpiece or even injure themselves. On the other hand, ergonomic handling is guaranteed in every clamping situation. The results are no twisting of the hand and more comfort at work. Try it out – you will be impressed!

Unique compact design
The GearKlamp gear clamp is extremely flexible and can even be used in the tightest of spaces:
- The mechanism (patent pending) separates the handle from the spindle and positions it around the rail
- The crossed v-block on the upper section securely holds round, pointed and angular parts

Ergonomic use
The clamp contains all kinds of clamping technology and guarantees the user greater comfort:
- High-quality two-component plastic handle for safe handling
- Quick-release shift button for quickly adjusting the sliding arm
- Swivelling pressure plate for exact adjustment to the workpiece

Robust technology
Development focused on meeting the BESSEY quality promise and the gear clamp is therefore also a winning choice in terms of durability:
- High-quality materials, such as fibreglass-reinforced polyamide for the top and bottom parts, as well as tempered and bronzed steel for the hollow-profile rail
- Thanks to the sliding arm's plastic housing, the driving mechanism is protected against dust and splintering
- High-quality two-component plastic handle positioned around the rail so that the clamp can be used in tight spaces
- Clamping force up to 2000 N
- Easy-to-move trapezoidal thread spindle with swivelling pressure plate

Clamping width mm	Overhang mm	Rail mm	Weight kg	53016	...
150	60	25 x 12	0.62		101
300	60	25 x 12	0.73		102
450	60	25 x 12	0.84		103
600	60	25 x 12	0.95		104

53013 DuoKlamp screw clamps

Design
- Soft pads for gentle clamping of workpieces, reversible for clamping and spreading
- Clamping jaws and housing made of impact-resistant and high-strength fibreglass-reinforced polyamide
- Turning knob for easy switching between clamping and spreading
- Ergonomically shaped pump lever made of superpolyamide
- Release lever for release and quick adjustment
- Rail made of drawn precision steel, surface-hardened and bronzed

Applications
Up to 1200 N clamping and spreading force.

53013

Clamping width mm	Overhang mm	Rail mm	Weight kg	53013	...
160	85	20 x 5	0.66		101
300	85	20 x 5	0.72		102
450	85	20 x 5	0.83		103
650	85	20 x 5	1.02		104

53014 Vario Clippix spring clamps

Design
- Statically optimised E-profile adjustment rail with corrugated ratchet for safe default setting of the clamping arm
- Movable clamping arm made of superpolyamide, easily and quickly adjustable
- Ergonomically shaped two-component handle with soft inserts
- Soft pads for gentle and safe clamping
- Sturdy grip plates made of superpolyamide, cross-ribbed for maximum stability

53014

Clamping width mm	Overhang mm	Weight approx. g	53014	...
55	37	70		101
100	50	170		102

53015 All-steel lever-action clamps

Design
- Greater power reserves thanks to optimised rail profile for even clamping force build-up, especially on full utilisation of the clamping width
- **Fixed and sliding arms made of heat-treated steel, tempered and zinc-plated**
- Plastic-coated clamping lever, with slip guard
- High clamping power with low application of force
- Fast and safe clamping
- Up to five times faster than conventional clamps
- Insensitive to vibrations

Applications
For clamping forces of up to 8 kN.

Note:
Clamp release by pulling the lever.
Lock can then be easily disengaged.

53015

Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53015	...
160	80	17.5 x 6.8	0.65		102
200	100	22.0 x 8.5	1.1		103
250	120	24.5 x 9.5	1.5		104
300	140	28.0 x 11.0	2.3		105
400	120	28.0 x 11.0	2.4		106
500	120	28.0 x 11.0	2.6		107

53020 KliKlamp light lever-action clamps

Design
- **Fixed and sliding arms made of magnesium, extremely light but very strong,** surface-coated
- Fixed arm with cross-over V-block for round, pointed or sharp-edge parts
- Removable protective plastic cap and swivelling pressure plate for gentle clamping
- Multi-stage, VIBRAFIX ratchet mechanism for controlled and vibration-resistant clamping up to 1200 N

Applications
For light and medium clamping forces, e.g. model construction, trade fair construction, furniture assembly.

53020

Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53020	...
120	80	20 x 5	0.26		101
160	80	20 x 5	0.29		102
200	80	20 x 5	0.32		103
250	80	20 x 5	0.36		104

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53030 Deep-grip screw clamps

Design
- Solid-profile rail with ribbing
- **High-quality malleable iron clamping arms**
- Bronzed pressure spindle with movable spherical pressure plate
- Wooden handle

Note:
Deep-grip screw clamps with knob handle available on request.

53030

Clamping width mm	Overhang mm	Rail mm	Weight kg	53030	...
300	200	35 x 11	3.20		101
L 300	**500**	**45 x 12**	8.11		105
400	200	35 x 11	3.41		107
L 400	**250**	**40 x 11**	4.50		108
600	250	40 x 11	5.10		110
1000	300	45 x 12	8.10		113

53112 High-performance clamps

Design
- **20% more clamping force per spindle revolution thanks to optimised rail profile**
- Maximum safety thanks to linear power transmission on the sliding arm
- Tightening torque of 40 Nm
- **Sliding and fixed arms made of heat-treated steel, tempered, zinc-plated**
- Special pressure cap, tempered, swivelling up to 35°, easily replaceable
- Wear-resistant spindle with knob handle that allows fast and powerful clamping

Applications
For high clamping forces up to 12 kN.

53112

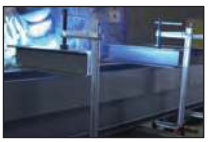
Clamping width mm	Overhang mm	Rail mm	Weight kg	53112	...
250	140	34 x 13	2.58		101
300	140	34 x 13	3.00		102
500	140	34 x 13	3.40		103
800	140	34 x 13	4.45		104
1000	140	34 x 13	4.95		105
1500	140	34 x 13	6.65		106

53113 Extremely robust steel bar clamps

Design
- **Sliding and fixed arms made of heat-treated steel, tempered, zinc-plated**
- Special pressure cap, tempered, swivelling up to 35°, easily replaceable
- Wear-resistant spindle with push-through knob handle
- Hexagonal spindle end for attaching ratchets, torque wrenches, etc.

Applications
For maximum clamping forces up to 22 kN.

53113



Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53113	...
300	175	40 x 20	5.6		201
400	175	40 x 20	6.1		202
500	175	40 x 20	6.7		203
600	175	40 x 20	7.2		204
800	175	40 x 20	8.4		205
1000	175	40 x 20	9.4		206

53115 All-steel gripper arm clamps

Design
- **Fixed arm made of heat-treated steel, tempered, zinc-plated**
- External spindle is protected against weld spatter and allows free access to the work area

Applications
For the transfer of large forces to the clamping surface by means of a lever arm.
For clamping forces of up to 8 kN.

53115

Clamping width mm	Overhang mm	Rail mm	Weight approx. kg	53115	...
300	120	27 x 13	2.6		101
600	120	27 x 13	3.3		102
1000	120	27 x 13	4.3		103

53119 KombiKlamp screw clamp

Design
- The Vario clamping attachment adapts specifically to round, oval and rectangular workpieces in angles of 60° on the interior to 60° on the exterior
- Easy conversion for spreading by mounting with M8 screw
- The end safety device can be released — for fast reversal of the sliding arm to the spread function
- The pressure plate can be replaced without tools and provides even more comfort in your daily work. It can be replaced very easily and quickly
- The sturdy knob handle has a plastic attachment for even more user-friendly work
- For powerful and controlled clamping

53119

Clamping width mm	Overhang mm	Clamping force N	Rail mm	Weight approx. kg	53119	...
300	120	7500	30 x 15	2.95		101

53120 Vario clamping attachment

Design
- Fits all metal worker's, all-steel and malleable iron screw clamps from an overhang of 100 mm
- 2 movable clamping surfaces adapt to all shapes within an interior and exterior angle of 60° respectively
- **Pack = 1 pair**

Applications
For clamping and alignment of round, oval and rectangular workpieces.

53120

Clamping surface width mm	Weight kg	53120	...
45	0.5		101

53125 C screw clamps

Design
- Extremely sturdy design
- Reinforcing ribs for maximum strength
- Die-forged
- With knob handle

Applications
When high clamping forces are required at clamping widths that are as far as possible identical, predominantly in metalwork and steel construction.

53125

Clamping width mm	Overhang mm	Clamping force kN	Weight approx. kg	53125	...
0 - 60	55	5.5	0.57		201
0 - 100	75	13.5	1.40		202
0 - 120	85	18.0	2.10		203
0 - 150	95	18.0	2.35		204
0 - 200	105	22.0	4.00		205

53300 Parallel screw clamps

Design
- Parallel adjustment via 2 threaded spindles

Applications
To keep small workpieces together when drilling, etc.

53300

Clamping width mm	Jaw length mm	Weight approx. g	53300	...
28	50	80		101
40	60	100		102
55	75	180		103
70	100	430		104
105	135	920		105

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53305 Clamping hand

Design
- Zinc-plated
- Rotating clamping jaws

Applications
For parallel interior and exterior clamping, sensitive clamping at high clamping force.

Clamping width mm	53305 ...
0 - 25	100
0 - 50	101
0 - 75	102
0 - 100	103
0 - 150	104

53305 100-102
Design
- 3 smooth clamping surfaces
- 1 clamping surface with cross-wise V-block

53305 100-102

53305 103-104
Design
- 1 smooth clamping surface
- 1 ribbed clamping surface
- 1 clamping surface, V-block
- 1 clamping surface, crosswise V-block

53305 103-104

53310 - 53311 Hand vice with handle

Design
- Hardened jaws, bright nickel-plated
- With prism
- Special spring, zinc-plated and chromated

Quality
Steel C 35, die-forged.


53310


53311

Length mm	Jaw width mm	Wide jaws 53310 ...	Pointed jaws 53311 ...
130	20	102	
130	10		102

53345 Hand vice

Design
- With a wide mouth for clamping workpieces
- Joint control
- Concealed, captive round steel spring
- Inside of jaw ribbed with prismatic indent
- Wing nut

Advantage
- For universal use
- Very robust

Quality
Arms made of high-strength, alloyed, heat-treated steel, zinc-plated.


53345

Total length mm	Total length inch	Jaw width mm	Jaw width inch	Clamping width mm	Clamping width inch	Weight kg	53345 ...
100	3.7/8	40	1.5/8	18	3/4	0.365	202
120	4.3/4	45	1.3/4	22	7/8	0.500	203
130	5.1/8	48	1.7/8	25	1.	0.545	204
145	5.3/4	52	5.1/16	28	1.3/16	0.805	205
160	6.3/8	58	2.1/4	35	1.3/8	1.040	206
200	7.7/8	65	2.5/8	45	1.3/4	2.000	208

53349 Hand vice

Design
- With wing nut
- Pointed jaws
- Special spring, zinc-plated

Quality
Arms made of high-strength, alloyed, heat-treated steel, zinc-plated.


53349

Total length mm	Jaw width mm	Clamping width mm	53349 ...
120	13	20	102

53390 Vice jaws

Design
- With slanting jaw
- Special spring, zinc-plated

Quality
Arms made of high-strength, alloyed, heat-treated steel, zinc-plated.


53390

Total length mm	Jaw width mm	Clamping width mm	53390 ...
125	30	30	101
150	40	35	102

53550 - 53551 Ball joint vice

BERNSTEIN Electronic-Tools

Design
- Made from special-alloy cast aluminium
- Vice with a ball joint, can be rotated in any direction and fixed in any position

Applications
Indispensable for tool construction, fixture construction, optics, precision engineering, instrument construction, model construction, electronics, laboratory work, testing, engravers, watchmakers.

53550
Design
- With a U-bolt for attaching to table tops up to 80 mm thickness

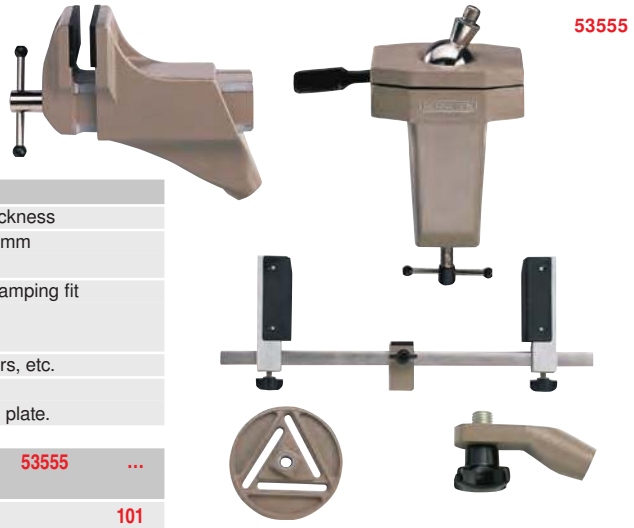
53551
Design
- With screw-on plate for attachment to any workbench.

Jaw width mm	Jaw design	Jaw mounting	Clamping width mm	Clamping depth mm	Weight approx. kg	53550	...	53551	...
50	plastic	fixed	70	38	1.50		101		101
100	steel	reversible	100	50	4.20		102		102

53555 Combination ball joint vice set

BERNSTEIN Electronic-Tools

Design
- Complete with interchangeable, screw-on workpiece carriers



Set contents	
1 screw-on base	with ball joint and U-bolt for table tops up to 80 mm thickness
1 screw-on vice	with plastic jaws, jaw width 50 mm, clamping width 70 mm Clamping depth 38 mm
1 PCB holder	adjustable clamping width of 25-270 mm, fixed PCB clamping fit thanks to springs in the mounting rods, height of mounting rods 70 mm
1 universal clamping plate	for holding e.g. tuners, line transformers, small speakers, etc.
1 angled adapter	for holding the PCB holder or for expanding the turning area in conjunction with the universal clamping plate.

Set contents	53555	...
5 pieces		101

53600 - 53605 Parallel vices

LEINEN

Design
- Maximum stability thanks to high-strength full grey cast iron
- **Opens to the rear**
- With concealed spindle
- Hardened steel jaws
- Dovetail guide
- **Green hammer finish paint**

Note:
Height adjustment devices, see art. no. 53644.

53600
Parallel vice
Design
- Fixed

53601
Rotating base

53603
Parallel vice
Design
- With bracket for attachment to table tops

53605
Replacement jaws
Design
- Pairs
- With screws, sleeves and serrated washers

Jaw width mm	Clamping width mm	Clamping depth mm	Weight approx. kg	Vice 53600	...	Rotating base 53601	...	Vice 53603	...	Replacement jaws 53605	...
60	65	32	2.2						101		101
80	100	60	6.5			102			102		102
100	140	70	17.0			103	103				103
125	175	75	29.0			104					104
150	250	87	53.0			105					105

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53573 - 53577 Parallel vices

ATORN®

Design
- Grey cast iron
- **Opens to the rear**
- With concealed trapezoidal threaded spindle
- Hardened and reversible steel jaws with a ribbed and a smooth side, as well as pipe clamping jaws
- Safe guidance even when wide open thanks to the long dovetail guide.

Note:
Height adjustment devices, see art. no. 53642 and 53643.

53573
Parallel vice
Design
- Blue hammer finish look paint, similar to RAL 5007

53574
Rotating base
Design
- Paint: Blue hammer finish look, similar to RAL 5007

53575
Parallel vice
Design
- Paint: Green hammer finish look, similar to RAL 6011

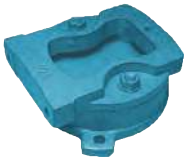
53576
Rotating base
Design
- Paint: Green hammer finish look, similar to RAL 6011

53577
Replacement jaws
- **Pairs**
- With screws, dowel pins and serrated washers

Applications
Suitable for vices
art. no. 53573 and 53575.

53573

53574



53575

53576

53577

Jaw width mm	Clamping width mm	Clamping depth mm	Weight kg	Vice 53573	...	Rotating base 53574	...	Vice 53575	...	Rotating base 53576	...	Replacement jaws 53577	...
100	130	82	12.3		201		201		201		201		201
125	180	80	21.7		202		202		202		202		202
150	215	90	41.8		203		203		203		203		203

53610 - 53612 Parallel vices

ATORN®

53610
Design
- Fixed
- Forged steel
- **Opens to the front**
- With concealed spindle
- Anvil worktop
- Hardened and knurled jaws
- Smoothed surface
- Smoothed and hardened sliding parts
- With a holding fixture for pipe clamping jaws
- **Blue hammer finish paint**

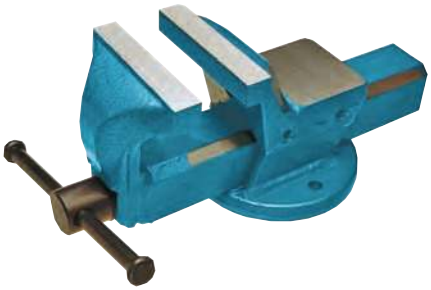
Note:
Height adjustment devices, see art. no. 53644.

53611
Rotating base

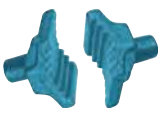
53612
Pipe clamping jaws
Design
- **Pairs**

53611

53610



53612



Jaw width mm	Clamping width mm	Clamping depth mm	Weight approx. kg	Vice 53610	...	Rotating base 53611	...	Pipe clamping jaws 53612	...
100	140	70	7		101		101		101
125	150	80	11		102		102		102
150	200	120	17		103		103		103

53616 - 53619 MATADOR parallel vices

RIDGID Peddinghaus

53617
Design
- Forged steel
- **Opens to the front**
- With concealed double trapezoidal thread spindle
- Surface-hardened clamping jaws
- Adjustable, surface-hardened guide rail
- Hardened, large anvil
- Holding fixture for swivel jaws
- Measurement scale for quick setting of the clamping values

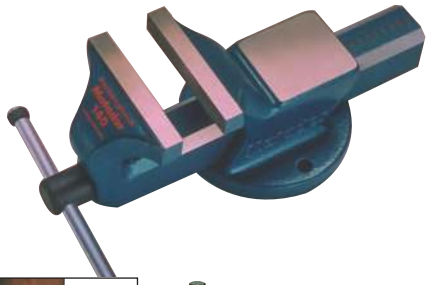
Note:
Clamping jaws, see art. no. 53620–53622.
Height adjustment devices, see art. no. 53646.
Magnetic protective jaws, see art. no. 53690 53694.

53618
Rotating base

53619
Clamping bracket screws
Clamping area 90 mm.
Applications
For direct mounting on a table.

53616
Peddi-Lift
Design
- Automatic folding and height adjustment device
- Height adjustment range 155 mm
- Installation depth only 410 mm
- Weight only 7.5 kg

Applications
For use in conjunction with the Matador 120 vice (art. no. 53617 203).


53617


53618


53619


53616

				Vice		Rotating base		Clamping screw		Peddi-Lift	
Jaw width mm	Clamping width mm	Clamping depth mm	Weight approx. kg	53617	...	53618	...	53619	...	53616	...
100	125	65	6		202		201		201		
120	150	75	10		203		202		202		201
140	200	95	18		204		203				
160	225	120	25		205		203				
180	225	120	26		206		203				

53620 - 53622 Clamping jaws

RIDGID Peddinghaus

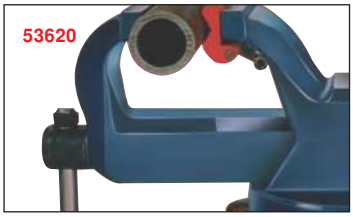
Design
- Swivel jaws
- Interchangeable

Applications
For parallel vices art. no. 53617 (MATADOR).

53620
Pipe clamping jaws
Note:
1 unit required for each size ***(pack = 1 unit).***

53621
Synthetic fibre protective jaws
Note:
1 pair required for each size ***(pack = 2 units).***

53622
Vee block jaw
Applications
For horizontal and vertical clamping.
Note:
1 pair required for each size ***(pack = 2 units).***


53620


53621


53622

		Pipe		Synthetic fibre		V-blocks	
For jaw width mm	For pipes inch	53620	...	53621	...	53622	...
120	1/8–4		203		203		203
140	1/8–5		204		204		204
160	1/8–6		205		205		205
180	1/8–7		206		206		

53630 - 53631 SUPERIOR parallel vices

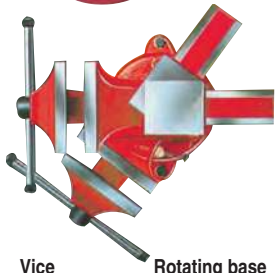
RIDGID Peddinghaus

53630
Design
- Fixed
- Forged steel
- **Opens to the front**
- Die-forged
- Double trapezoidal thread spindle, protected along the entire length
- **Stable, wide pipe clamping jaws**
- Closed clamping system
- Long, surface-hardened guide rail
- Large surface-hardened anvil
- Measurement scale for quick setting of the clamping width

Note:
Height adjustment devices, see art. no. 53646.
Magnetic protective jaws, see art. no. 53690 53694.

53631
Rotating base


53630


53631

					Vice		Rotating base	
Jaw width mm	Clamping width mm	Clamping depth mm	For pipes inch	Weight approx. kg	53630	...	53631	...
120	150	75	3/8–3	10		201		201
140	200	95	3/8–3 1/2	18		202		202
160	225	120	1/2–4	25		203		202

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53629 HEUER Compact vice

BROCKHAUS][HEUER GmbH

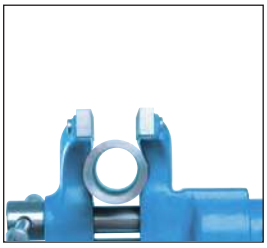
Design
- Opens to the front
- Small, fast, flexible
- With revolutionary HEUER Quicklaunch: For large jaw width differences, the HEUER Compact can be adjusted in a flash. Without activating the handle.
- The opening width display helps with the pre-adjustment
- The parallelism of the jaws is not affected during clamping
- A compression spring guarantees safe locking in the desired position
- **With interchangeable, reversible jaws with a smooth and grooved clamping surface**
- Pipe clamping jaws integrated in the front and rear jaws

Note:
*Matching turntable with **jaw width 100 mm (!)** see art. no. 53634 101.*
Replacement jaws, see art. no. 53636 102.

53629

Quick adjustment:
From 0 to 130 in 3 seconds

Pre-adjustment scale:
HEUER Quicklaunch with scale



Multi-talent:
Integrated pipe clamping jaws from 5/8 to 2. Inch

Jaw width mm	Clamping width mm	Clamping depth mm	For pipes mm	Clamping force kN	Weight approx. kg	53629	...
120	130	65	15–50	10	4.5		102

53632 - 53636 Parallel vices

BROCKHAUS][HEUER GmbH

Design
- Made entirely from forged steel
- Guaranteed unbreakable
- Surface-hardened clamping jaws
- Standard forged pipe clamping jaws
- Die-forged front jaw
- Die-forged rear jaw with shape-optimised anvil
- Large deep clamping option thanks to lean, die-forged guide rail
- High and optimally distributed clamping force thanks to centrally arranged, well protected spindle
- Spindle with rolled, double trapezoidal thread for fast opening and closing
- Protected precision spindle bearings
- Forged, powerful spindle nut
- Double, internal V-guide, therefore no contamination and damage
- Large guide surfaces machined on all sides guarantee precision and a long service life
- Die-forged guide tabs
- Easily adjustable, central guide via a central screw
- Zinc plated spindle key with riveted circlips made of steel
- Powder-coated

Note:
Folding and height-adjustment devices see art. no. 53646–53650.

53632
Design
- With fixed clamping jaws

53633
Design
- With screw-on, interchangeable clamping jaws
- The clamping jaws are interchangeable and can be reversed and have both a ribbed and a smooth work surface

Note:
Magnetic protective jaws, see art. no. 53690 53694.

53634
Turntable
Applications
For free rotation of the vice on the workbench around 360° in a plane.

53636
Replacement jaw
Design
- **Individual replacement jaw** suitable for a HEUER vice with interchangeable jaws
- The interchangeable jaw can be used on both sides
- It has a textured and a smooth side and is held in place by 2 Allen screws (included in the scope of delivery)

- Price and delivery unit = 1 replacement jaw!

53636 102
Exception to the delivery content:
- 2 screws (short version) for art. no. 53629 102
- 2 screws (long version) for art. no. 53633 102

- Price and delivery unit = 1 replacement jaw!

53632

53633

53634

53636

Figure shows front and back side

Jaw width mm	Clamping width mm	Clamping depth mm	For pipes approx. mm	Weight approx. kg	Vice 53632	...	Vice 53633	...	Turntable 53634	...	Replacement jaw 53636	...
100	125	50	16–30	4.5		101				101		
120	150	65	16–55	9.0		102		102		102		102
140	200	80	27–70	16.0		103		103		103		103
160	225	100	27–100	27.0		104		104		104		104
180	225	100	27–100	29.0		105				104		

53642 - 53646 Vice height adjustment devices

Design
- Even better clamping force thanks to special surface treatment of the standpipe as well as innovative clamping lug
- Effortless and safe height adjustment of vices by 200 mm, swivels around 360°
- A gas strut, which is aligned to the respective vice weight, makes the vice practically weightless so that when the clamping lever has been released, the vice can be moved to the desired working position with almost no effort

Applications
The adaptation of the vice to the body size is particularly important for trainees in schools and training workshops to prevent postural defects with serious consequences, particularly in the growth phase.
For a lot of work performed on the vice, the HEUER LIFT height adjustment device also makes work much easier.

Note:
Height adjustment devices for other brands with comparable jaw widths and weights are available on request.
Please let us know the brand and jaw width.

53642 201-202

53644 101-102

53646 101-102

53643 201-202

53644 103-104

53646 201-203

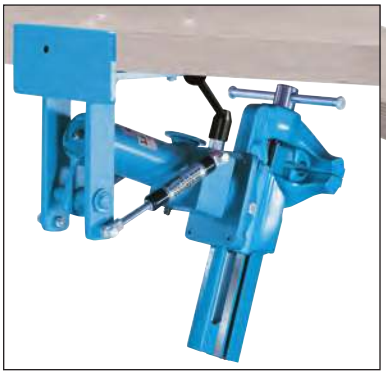
For vice jaw width mm	Vice brand	Vice art. no.	ATORN 53642	...	ATORN 53643	...	BROCKHAUS][HEUER 53644	...	BROCKHAUS][HEUER 53646	...
100	ATORN	53573 201		201						
100	ATORN	53575 201				201				
100	Leinen	53600 103						101		
120	Brockhaus HEUER	53632 102/53633 102								201
120	Matador/Superior	53617 203/53630 201								101
125	ATORN	53573 202		202						
125	ATORN	53610 102						103		
125	ATORN	53575 202				202				
125	Leinen	53600 104						102		
140	Brockhaus HEUER	53632 103/53633 103								202
140 + 160 + 180	Matador/Superior	53617 204-206/53630 202-203								102
150	ATORN	53610 103						104		
160 + 180	Brockhaus HEUER	53632 104-105/53633 104								203

53650 Folding and height-adjustment devices

BROCKHAUS][HEUER GmbH

Design
- With safety lock
- Powder-coated

Applications
When not in use, the vice can be folded under the workbench.
In addition, the height of the vice can be adjusted by approximately 175 mm, and the vice can be rotated around 360°.



53650

For vice jaw width mm	Vice brand	Vice art. no.	53650	...
120	Brockhaus HEUER	53632 102 + 53633 102		101
140	Brockhaus HEUER	53632 103 + 53633 103		102

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

53655 Vice support

ANKE Werkbänke

53655

Design
- ANKE workbench top panel made of common beech
- Kiln-dried and specially treated
- Planed, smoothed and oiled

Applications
Can be used as the base plate for all vices or machines.

Length mm	Width mm	Height mm	53655 ...
250	250	50	101

53690 - 53694 Magnetic protective jaws

Applications
All protective jaws suitable for
Matador art. no. 53617,
Superior art. no. 53630 and
Heuer Front art. no. 53633.

Note:
The prices listed are per pair.

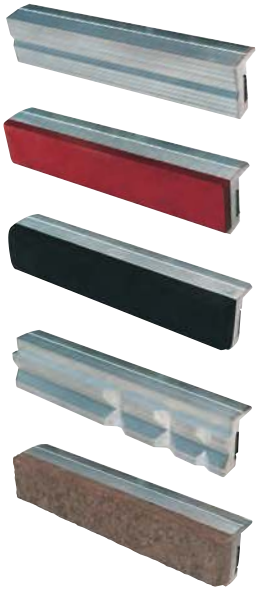
53690 Type N
Design
- The clamping surfaces are made of a special aluminium alloy of a hardness between copper and lead
- For clamping workpieces with coarse to medium-fine machined finishes

53691 Type F
Design
- The clamping surfaces are made of fibre with a special, layered structure
- For clamping workpieces with finely milled or planed and smoothed or polished surfaces

53692 Type G
Design
- The clamping surfaces are made of special synthetic rubber
- For clamping thin-walled pipes, cut parts, wood and plastic parts

53693 Type P
Design
- Jaws made of a special aluminium alloy
- The hardness is between copper and lead
- The 90° recess in the upper part of the jaws and the three prism-shaped recesses allow easy horizontal and vertical clamping of flat material and workpieces of various shapes

53694 Type Fi
Design
- The clamping surfaces are made of elastic abrasion-resistant felt, which largely adapts to the contours of the workpieces
- For clamping highly sensitive workpieces



53690
53691
53692
53693
53694

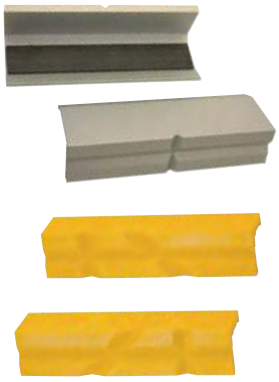
Jaw width mm	Type N 53690 ...	Type F 53691 ...	Type G 53692 ...	Type P 53693 ...	Type Fi 53694 ...
100	201	201	201	201	201
120	202	202	202	202	202
125	203	203	203	203	203
135	204	204	204	204	204
140	205	205	205	205	205
150	206	206	206	206	206
160	207	207	207	207	207
180	208	208	208	208	208

53705 - 53712 Vice protective jaws (protective jaws)

Applications
For clamping delicate workpieces.

53705
Design
- Light metal (aluminium)
- Integrated, **magnetic rail** for a non-slip fit on the vice
- **Pairs**

53712
Design
- Impact-resistant plastic material
- **With permanent magnet**
- Reversible, smooth clamping surface on one side, while the other side has a vertical and a horizontal prism
- **Pairs**



53705
53712

Jaw width mm	Light metal 53705 ...	Plastic 53712 ...
100	201	201
125	203	203
150	205	205

53720 - 53735 Vice jaws and inserts

53720
Vice jaws, pair
- 2 mm zinc-plated sheet steel
- With a zinc-plated retaining spring
- Paired (**no** inserts)

53725
Prism inserts, pair
- Polyamide
- Smooth
- For oval and round parts, pipes, etc.

53730
Smooth inserts, pair
- **Polyamide**
- For sensitive parts, electrodes, mould inserts, measuring and testing devices, etc.

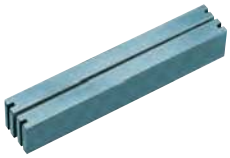
53735
Smooth inserts, pair
- **Aluminium**
- For sensitive parts, electrodes, mould inserts, measuring and testing devices, etc.

53720

53725

53730

53735



	Vice jaws		Prismatic polyamide		Smooth polyamide		Smooth aluminium	
Jaw width mm	53720	...	53725	...	53730	...	53735	...
100		101		101		101		101
125		102		102		102		102
135		103		103		103		103
150		104		104		104		104