

## ORION® Tool holder

### Application:

For clamping tools with a round shank

### Execution:

#### ▪ No. 51000:

- With perforated, nickel-plated brass grip
- Brass chuck and grip



No. 51000



No. 51002



No. 51003

Min./max. clamping width	0-1 mm	1-2 mm	0-3.2 mm	2-3 mm	3-4.5 mm	4-6 mm
Length (mm)	74	74	100	135	150	165
Shaft Ø (mm)	6	6	9	15	17	18
	51000... Ident. No.	51000... Ident. No.	51002... Ident. No.	51003... Ident. No.	51003... Ident. No.	51003... Ident. No.
	010	020	110	200	205	210

Prod. Gr. 510

## ORION® Tool holder

With ratchet, all-steel finish

### Application:

For mounting tools with square shank.

- Movable T-handle
- Ratchet function, reversible

### Execution:

- Dual-jaw chuck with hardened jaws
- Chrome-plated and polished surface

### Advantage:

- Clockwise/anti-clockwise rotation and rigid application



Ident. No. 500-530



Ident. No. 540

Min./max. clamping width of square	2-5 mm	2-5 mm	4-6-8 mm	4-6-8 mm	9-12.5 mm
Suitable for min./max. screw tap	M3-M8	M3-M8	M5-M12	M5-M12	M13-M20
Length (mm)	85	250	110	300	117
51005... Ident. No.	500	520	510	530	540

Prod. Gr. 510

## ATORN® Parallel vices

Rear opening, made of grey cast iron

### Execution:

- High-quality grey cast iron with pearlitic texture
- Changeable and reversible jaws with smooth and ribbed clamping surface
- Smooth-running spindle with trapezoidal thread
- Cast-on pipe clamping jaws
- Plain anvil face
- Ident. No. 015: Painted in RAL 7016

### Advantage:

- Ident. No. 001-013:
  - Excellent clamping precision thanks to long, prismatic precision guide
  - Spindle protected from dirt and damage by covering
- Ident. No. 015:
  - excellent clamping precision thanks to long, prismatic precision guide
  - spindle protected from dirt and damage by covering



Ident. No. 001-003



Ident. No. 011-013



Ident. No. 015

Jaws width (mm)	100	125	150	100	125	150	125
Min./max. clamping width	0-140 mm	0-175 mm	0-250 mm	0-140 mm	0-175 mm	0-250 mm	0-175 mm
Clamp in depth (mm)	75	80	90	75	80	90	80
Weight (kg)	13	24	41	13	24	41	24
Colour	Blue	Blue	Blue	Green	Green	Green	Grey
Material	Grey cast iron	Grey cast iron	Grey cast iron	Grey cast iron	Grey cast iron	Grey cast iron	Grey cast iron
51028... Ident. No.	001	002	003	011	012	013	015

Prod. Gr. 5HA

Source: Hahn+Kolb Werkzeuge GmbH

Technical data subject to change.

Availability subject to country specific rules and regulations.

www.iconridge.com

Accessories for			51028 001	51028 002	51028 003	51028 011	51028 012	51028 013
51028...	Rotary base	Ident. No.	021	022	023	031	032	033
51028...	Steel jaws	Ident. No.	041	042	043	041	042	043

## ATORN® Vice lifts/height adjustment devices with gas strut, to fit no. 51028 001-015

### Application:

For lifting, rotating and lowering of parallel vices.

### Execution:

- Simple to loosen and close using the clamping lever
- Includes fastening screws
- Ident. No. 100–130: Can be rotated 360°

- Ident. No. 150: can be rotated 360°

### Advantage:

- Required height and rotation direction can be continuously adjusted

### Technical data:

- Height adjustment: 215 mm



Ident. No. 100, 120



Ident. No. 110, 130



Ident. No. 150

Suitable for jaw width (mm)		100	100	125	125	125
Colour		Blue	Green	Blue	Green	Grey
51060...	Ident. No.	100	110	120	130	150

Prod. Gr. 5HA

## LEINEN Parallel vice With a rear opening action, made of grey cast iron

### Execution:

- High-quality grey cast iron with pearlitic texture
- Hardened, ribbed steel jaws can be swapped for smooth, ground steel jaws
- Smooth-running spindle with trapezoidal thread
- High-quality hammertone finish, green (similar to RAL 6011)

### Advantage:

- Excellent clamping precision thanks to long, prismatic precision guide
- Spindle protected from dirt and damage by covering

### Technical data:

- Colour: Green
- Material: Grey cast iron



Jaws width (mm)	80	100	125	150	
Min./max. clamping width	0-100 mm	0-140 mm	0-175 mm	0-250 mm	
Clamp in depth (mm)	55	75	75	90	
Weight (kg)	6.5	17.0	29.0	53.0	
51035...	Ident. No.	130	140	150	160

Prod. Gr. 512

Accessories for			51035 130	51035 140	51035 150
51037...	Rotary base	Ident. No.	130	140	150
51038...	Steel jaws Grooved	Ident. No.	030	040	050
51038...	Steel jaws Smooth	Ident. No.	130	140	150

Accessories for			51035 160
51037...	Rotary base	Ident. No.	-
51038...	Steel jaws Grooved	Ident. No.	060
51038...	Steel jaws Smooth	Ident. No.	160

## LEINEN Vice lift/height adjustment device With gas strut, to fit 51035 140 and 150

### Application:

For lifting, rotating and lowering of parallel vices.

### Execution:

- Can be rotated 360°
- Simple to loosen and close using the clamping lever
- Includes fastening screws

### Advantage:

- Required height and rotation direction can be continuously adjusted

### Technical data:

- Height adjustment: 215 mm
- Colour: Reseda green RAL 6011



Suitable for jaw width (mm)		100	125
51060...	Ident. No.	050	060

Prod. Gr. 512

**Parallel vice with clamp****Rear opening****Execution:**

- High-quality grey cast iron with pearlitic texture
- Smooth-running spindle with trapezoidal thread
- Hardened, ribbed steel jaws can be swapped for smooth, ground steel jaws
- High-quality hammertone finish, green (similar to RAL 6011)

- Excellent clamping precision thanks to long, prismatic precision guide
- Spindle protected from dirt and damage by covering

**Technical data:**

- Colour: Green
- Material: Grey cast iron

**Advantage:**

- Flexible application thanks to simple clamping on table tops

Jaws width (mm)	60	80
Min./max. clamping width	0-65 mm	0-100 mm
Clamp in depth (mm)	35	55
Weight (kg)	2.5	7
51036...	Ident. No.	120 130

Prod. Gr. 512

Accessories for		51036 130
51038...	Steel jaws Grooved	Ident. No. 030
51038...	Steel jaws Smooth	Ident. No. 130

**Compact parallel vice****Front opening****Execution:**

- 10 kN clamping force
- Opening width gauge with centimetre scale
- Integrated pipe jaws
- Changeable and reversible jaws with smooth and ribbed clamping surface

- Steel body

**Advantage:**

- HEUER Quicklaunch – the revolutionary quick-adjustment device – from 0-130 mm in three seconds
- Ideal for mobile use thanks to weight of just 4.5 kg



Jaws width (mm)	120
Min./max. clamping width	0-130 mm
Clamp in depth (mm)	65
Weight (kg)	4.5
Colour	Blue
Min./max. pipe Ø	15-50 mm
51041...	Ident. No. 220

Prod. Gr. 513

Accessories for		51041 220
51041...	Table clamp with clamping handle	Ident. No. 240

**Parallel vices****Front opening, forged steel****Execution:**

- With forged on pipe clamping jaws
- Large deep clamping option
- Easy-to-adjust central guide
- Precision spindle bearing with double trapezoidal thread
- Ident. No. 090-175:** Fixed, ribbed jaws
- Ident. No. 215-250:** Hardened, changeable steel jaws with smooth and ribbed sides

**Advantage:**

- Completely forged from steel, guaranteed to be unbreakable
- Spindle protected from dirt and damage by covering
- Large guide surfaces machined on all sides guarantee precision and a long service life

**Technical data:**

- Colour: Blue



Ident. No. 090-175



Ident. No. 215-250

Jaws width (mm)	100	120	140	160	180
Min./max. clamping width	0-125 mm	0-150 mm	0-200 mm	0-225 mm	0-225 mm
Clamp in depth (mm)	50	65	80	100	100
Weight (kg)	4.5	9	16	27	29
Min./max. pipe Ø	16-30 mm	16-55 mm	27-70 mm	27-100 mm	27-100 mm
51042...	With fixed jaws	Ident. No. 090	115	130	150
51042...	With steel jaws	Ident. No. -	215	230	250

Prod. Gr. 513

Accessories for			51042 115	51042 130	51042 215	51042 230	51042 250
51043...	Rotary base	Ident. No.	115 ●	130 ●	115 ●	130 ●	-
51044...	Steel jaws	Ident. No.	-	-	215 ●	230 ●	250 ●



## HEUER-KLAPP-LIFT hinged and height adjustment device

For parallel vices no. 51042

### Application:

For lifting, rotating, lowering and folding parallel vices.

### Execution:

- Can be rotated 360°

### Advantage:

- Required height and rotation direction can be continuously adjusted

- When not in use, the vice can be folded away beneath the workbench.

### Technical data:

- Height adjustment: 175 mm
- Colour: Blue



Suitable for jaw width (mm)		120	140
51044...	Ident. No.	515 ○	530 ●

Prod. Gr. 513

## RIDGID MATADOR parallel vices with a front opening action, steel-forged

### Execution:

- Made of steel, forged
- Hardened surface
- Rolled, double trapezoidal thread for precise application and long service life
- Replaceable steel spindle nut

### Advantage:

- Scale facilitates rapid pre-setting of the clamping width

- Spindle protected from dirt and damage by covering
- Proven, large, hardened anvil
- Ident. No. 040-070:** Mounting unit for folding additional jaws such as pipe clamping jaws, protective plastic jaws, V-block jaws

### Technical data:

- Colour: Blue



Jaws width (mm)	100	120	140	160	180	
Min./max. clamping width	0-125 mm	0-150 mm	0-200 mm	0-225 mm	0-225 mm	
Clamp in depth (mm)	65	80	95	120	120	
Weight (kg)	6	10	18	25	26	
51045...	Ident. No.	030	040	050	060	070

Prod. Gr. 514

Accessories for			51045 030	51045 040	51045 050	51045 060	51045 070
51046...	Rotary base	Ident. No.	030 ●	040 ●	050 ●	050 ●	050 ●
51046...	Clamping screw	Ident. No.	130 ●	140 ●	-	-	-
51047...	Pipe clamping jaw	Ident. No.	-	040 ●	050 ●	060 ●	-
51047...	Plastic jaws	Ident. No.	-	140 ●	150 ●	160 ●	-
51047...	Prismatic jaws	Ident. No.	-	240 ●	250 ●	260 ●	-
51047...	Steel jaws	Ident. No.	-	340 ●	350 ●	-	-

## RIDGID Height adjustment device For MATADOR parallel vices

### Application:

For simple and continuous lifting, turning and lowering of parallel vices.

### Execution:

- Clearance to the workbench surface can be continuously adjusted between 100 and 400 mm
- Can be rotated 360°

### Advantage:

- Gas pressure spring allows for easy adjustment using automatic weight compensation

### Technical data:

- Colour: Blue
- Weight: 15 kg



Suitable for jaw width (mm)		120	140	160/180
51062...	Ident. No.	025 ●	035 ●	050 ●

Prod. Gr. 514

Supplied without vice



## ORION® Parallel vice

### Fixed jaws, front opening action

**Execution:**

- Made of steel, forged
- Hardened, ribbed and fixed steel jaws
- Adjustable guide

- Spindle protected from dirt and damage by covering
- Hardened anvil surface

**Advantage:**

- Mounting holes for pipe clamping jaws

**Technical data:**

- Colour: Blue



Jaws width (mm)	100	125	150
Min./max. clamping width	0-125 mm	0-150 mm	0-200 mm
Clamp in depth (mm)	65	80	95
Weight (kg)	7.0	11.0	17.0
51063...	Ident. No. 011	026	051
	●	●	●

Prod. Gr. 586

Accessories for		51063 011	51063 026	51063 051
51063...	Rotary base	Ident. No. 100	125	150
		●	●	●
51063...	Pipe clamping jaws	Ident. No. 200	225	250
		●	●	●

## BERNSTEIN® Engineering vices

### On ball joint

**Application:**

Facilitates a range of working processes in precision mechanics, laboratories, testing fields and all electronic/mechanic workshops.

**Advantage:**

- Vice can be rotated by 360° to all sides and swivelled by 90° thanks to firmly integrated ball joint
- Ident. No. 045, 080: Quick, flexible mounting of the vice on the workbench with no damaged sustained

**Execution:**

- For clamping or screwing on
- Ident. No. 045-050: Lightweight design
- Ident. No. 080-085:
  - Heavy-duty version
  - Screwed on, 100-mm-wide steel jaws

**Technical data:**

- Colour: Grey



Ident. No. 045



Ident. No. 050



Ident. No. 080



Ident. No. 085



Vice design	Screw-on clamping foot	Screw-on clamping foot	Screw-on plate	Screw-on plate
Jaws width (mm)	50	100	50	100
Min./max. clamping width	0-70 mm	0-100 mm	0-70 mm	0-100 mm
Clamp in depth (mm)	38	50	38	50
51056...	Ident. No. 045	080	050	085
	●	●	●	●

Prod. Gr. 515

Accessories for		51056 045	51056 050	51056 080	51056 085
51057...	Plastic jaw	Ident. No. 045	045	-	-
		●	●		
51056...	Clamping leg	Ident. No. 200	200	-	-
		●	●		
51056...	Clamping leg for clamping	Ident. No. 220	220	220	220
		●	●	●	●
51056...	Angled adapter	Ident. No. 230	230	230	230
		●	●	●	●
51056...	Plate holder	Ident. No. 240	240	240	240
		●	●	●	●
51056...	Maxi clamping leg	Ident. No. -	-	210	210
				●	●

**Vice base plates****Application:**

As base plate for all vices.

**Execution:**

- ANKE workbench-top version
- Specially finished, kiln-dried red beech timber
- Planed, ground, oiled



Length x width x height	300 x 250 x 50 mm
51059...	Ident. No. 100
	●

Prod. Gr. 502



## Magnetic vice jaws

### Application:

For simple and quick attachment to all vices.

### Advantage:

- Precise and gentle clamping

### Execution:

- With integrated permanent magnet



Ident. No. 100-140



Ident. No. 200-250



Ident. No. 300-350



Ident. No. 400-450



Ident. No. 500-550

Jaws width (mm)	Jaw design	With fluting	With prism	With rubber insert	With fibre inlay	Grooved
	Material	Polyurethane	Aluminium	Aluminium	Aluminium	Aluminium
		<b>51068...</b> Ident. No.	<b>51068...</b> Ident. No.	<b>51068...</b> Ident. No.	<b>51068...</b> Ident. No.	<b>51068...</b> Ident. No.
100		<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>
120		<b>120</b>	<b>220</b>	<b>320</b>	<b>420</b>	<b>520</b>
140		<b>140</b>	<b>240</b>	<b>340</b>	<b>440</b>	<b>540</b>
125		-	<b>225</b>	<b>325</b>	<b>425</b>	<b>525</b>
150		-	<b>250</b>	<b>350</b>	<b>450</b>	<b>550</b>

Prod. Gr. 513



## Parallel screw clamps

Bright zinc-plated steel

### Application:

Exact parallel movement of both clamping surfaces

- a = max. clamping width (opening width)

- b = overhang (max. clamping depth/ distance between jaw outer edge and spindle)

### Execution:

- Double spindle guide



Overhang (mm)	19	26	35	50	72
Max. clamping width (mm)	36	46	60	87	116
Rail cross-section L x W	9.6 x 9.6 mm	12.8 x 12.8 mm	12.8 x 12.8 mm	16 x 16 mm	19 x 19 mm
<b>51102...</b>	Ident. No. <b>500</b>	Ident. No. <b>510</b>	Ident. No. <b>520</b>	Ident. No. <b>530</b>	Ident. No. <b>540</b>

Prod. Gr. 516



## Malleable iron screw clamp

Non-slip and spindle safety device

### Application:

For rigidly clamping various workpieces together.

- Clamping jaws with plastic protective caps
- Clamping force up to 6000 N

### Execution:

- Robust design with corrugated, reinforced malleable cast iron arms
- Profile rail with corrugation, galvanised surface
- Smooth running, burnished steel spindle with trapezoidal thread

### Advantage:

- Ergonomic two-component handle for optimum force transmission

### Technical data:

- Material of the grip handle: 2-component plastic



Max. clamping width (mm)	120	160	200	250	300	400	500	600	800
Overhang (mm)	65	80	100	120	140	175	120	120	120
Rail cross-section L x W	6 x 22 mm	6 x 22 mm	8 x 30 mm	8 x 30 mm	9 x 35 mm	9 x 35 mm	11 x 35 mm	11 x 35 mm	11 x 35 mm
<b>51102...</b>	Ident. No. <b>012</b>	Ident. No. <b>016</b>	Ident. No. <b>020</b>	Ident. No. <b>025</b>	Ident. No. <b>030</b>	Ident. No. <b>040</b>	Ident. No. <b>050</b>	Ident. No. <b>060</b>	Ident. No. <b>080</b>

Prod. Gr. 597



## Quick-action screw clamps

With non-slip device from size 160x80 mm, burnished spindle

### Application:

For rigidly clamping various workpieces together.

### Execution:

- Upper and lower sections made from high-quality malleable cast iron
- Corrugated section provides additional resistance to torsion

- Galvanised, sturdy, twist-resistant profile rail with 6-ply corrugation
- Burnished spindle

- **Ident. No. 100-400:** With plastic protective caps
- **Ident. No. 420-560:** In accordance with DIN 5117

### Advantage:

- **Ident. No. 160-560:** With original Bessey anti-slip protection



Max. clamping width (mm)		100	120	150	160	200	200	250	300
Overhang (mm)		50	60	50	80	60	100	120	60
Rail cross-section L x W		5 x 15 mm	5 x 20 mm	5 x 15 mm	6 x 25 mm	5 x 20 mm	7 x 27 mm	9 x 29 mm	5 x 20 mm
Material of the grip handle		Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood
51104...	Ident. No.	100	120	150	160	180	200	250	290
		●	●	●	●	●	●	●	●
Max. clamping width (mm)		300	400	500	600	800	1000	1500	2000
Overhang (mm)		140	175	120	120	120	120	120	120
Rail cross-section L x W		10 x 32 mm	10 x 32 mm	11 x 35 mm	11 x 35 mm	11 x 35 mm	11 x 35 mm	11 x 35 mm	11 x 35 mm
Material of the grip handle		Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood
51104...	Ident. No.	300	400	420	440	460	480	520	560
		●	●	●	●	●	●	●	●

Prod. Gr. 516

## Deep-grip screw clamp

### Application:

For rigidly clamping various workpieces together.

- Sturdy, twist-resistant solid rail with 6-ply corrugation
- Clamping force up to 7000 N

### Execution:

- Large, sturdy bracket made of annealed cast iron

### Technical data:

- Material of the grip handle: Wood



Max. clamping width (mm)		400	400	600	600	800
Overhang (mm)		200	250	250	500	300
Rail cross-section L x W		11 x 35 mm	11 x 40 mm	11 x 40 mm	12 x 45 mm	12 x 45 mm
51105...	Ident. No.	100	110	150	160	170

Prod. Gr. 516

## ATORN® All-steel screw clamp

With anti-slip and spindle safety device

### Application:

For sprung and elastic clamping of a range of workpieces.

- Smooth running, burnished steel spindle with trapezoidal thread
- Clamping jaws with plastic protective caps

### Execution:

- Fixed clamp made of cold-drawn profile steel, hardened and galvanised
- Sliding clamp drop-forged, hardened and galvanised
- Movable pressure plate with integrated spindle safety device

### Advantage:

- Ergonomic two-component handle for optimum force transmission

### Technical data:

- Material of the grip handle: 2-component plastic



Max. clamping width (mm)		120	160	200	250	300	400	500	600
Overhang (mm)		60	80	100	120	140	120	120	120
Rail cross-section L x W		6.5 x 13.5 mm	7.5 x 16 mm	9.5 x 19.5 mm	10.5 x 22 mm	12 x 25 mm	12 x 25 mm	12 x 25 mm	12 x 25 mm
51105...	Ident. No.	012	016	020	025	030	040	050	060

Prod. Gr. 597

## All-steel screw clamp

Cold drawn steel

### Application:

For sprung and elastic clamping of a range of workpieces.

### Advantage:

- Optimised blade profile for 20% more clamping force per spindle revolution
- Force transmitted to the sliding bar in a straight line for optimum safety

### Execution:

- Fixed and sliding bars made from tempered steel
- Clamping force up to 5000 N

### Technical data:

- Material of the grip handle: Wood



Max. clamping width (mm)		100	120	160	200	250	300	400	500
Overhang (mm)		60	60	80	100	120	140	120	120
Rail cross-section L x W		6 x 15 mm	6 x 15 mm	6.8 x 17.5 mm	8.5 x 22 mm	9.5 x 24.5 mm	11 x 28 mm	11 x 28 mm	11 x 28 mm
51108...	Ident. No.	010	012	016	020	025	030	040	050
		●	●	●	●	●	●	●	●
Max. clamping width (mm)		600	800	1000	1250				
Overhang (mm)		120	120	120	120				
Rail cross-section L x W		11 x 28 mm	11 x 28 mm	11 x 28 mm	11 x 28 mm				
51108...	Ident. No.	060	080	110	125				
		●	●	●	●				

Prod. Gr. 517

## All-steel screw clamp

### Cold drawn steel

**Application:**

For sprung and elastic clamping of a range of workpieces.

**Execution:**

- Fixed and sliding bars made from tempered steel
- Clamping force up to 5000 N

**Advantage:**

- Optimised blade profile for 20% more clamping force per spindle revolution
- Force transmitted to the sliding bar in a straight line for optimum safety

**Technical data:**

- Material of the grip handle: 2-component plastic



Max. clamping width (mm)	100	120	160	200	250	300	400	500
Overhang (mm)	60	60	80	100	120	140	120	120
Rail cross-section L x W	6 x 15 mm	6 x 15 mm	6.8 x 17.5 mm	8.5 x 22 mm	9.5 x 24.5 mm	11 x 28 mm	11 x 28 mm	11 x 28 mm
51109...	Ident. No.	010	012	016	020	025	030	040
		●	●	●	●	●	●	●

Max. clamping width (mm)	600	800	1000	1250
Overhang (mm)	120	120	120	120
Rail cross-section L x W	11 x 28 mm	11 x 28 mm	11 x 28 mm	11 x 28 mm
51109...	Ident. No.	060	080	100
		●	●	●

Prod. Gr. 517

## gear clamp GearKlump GK

### for use in confined spaces

**Execution:**

- Patented mechanism that separates the handle from the spindle and positions it around the track
- Secure hold of round, pointy and edgy parts through cross prism at the top
- Glass-fibre reinforced polyamide clamping parts as well as tempered steel in the hollow profile track
- 2-component plastic turning handle for safe handling
- Quick-action slide button on the sliding bar and swivelling pressure plate

- Clamping forces up to 2000 N

**Advantage:**

- Extremely flexible, can be used even in tight spaces

**Technical data:**

- Overhang: 60 mm
- Rail cross-section L x W: 12 x 25 mm
- Material of the grip handle: 2-component plastic



Max. clamping width (mm)	150	300	450	600
51110...	Ident. No.	515	530	545
		●	●	●

Prod. Gr. 517

## All-steel lever clamp

**Application:**

For rapid sprung and elastic clamping of a range of workpieces.

**Execution:**

- Particularly wear-resistant eccentric guarantees a long service life
- More energy saved thanks to optimised rail section
- Even pressure build up, particularly when the clamping width is fully utilised

- Serrated sliding bracket made from drop-forged, tempered steel
- Clamping force up to 8500 N

**Advantage:**

- Up to five times quicker than conventional screw clamps
- Resistant to vibrations thanks to release lever with anti-slip protection



Max. clamping width (mm)	120	160	200	250	300	400
Overhang (mm)	60	80	100	120	140	120
Rail cross-section L x W	6 x 15 mm	6.8 x 17.5 mm	8.5 x 22 mm	9.5 x 24.5 mm	11 x 28 mm	11 x 28 mm
51113...	Ident. No.	012	016	020	025	030
		●	●	●	●	●

Prod. Gr. 517

## One-handed clamp

**Application:**

Quick and simple to fix in place and clamp with just one hand.

**Execution:**

- Pump lever can be actuated from both sides
- Removable, super-elastic protective caps
- Spring-mounted and elastic clamping

- Fixed arm and pressure plate made from a single piece and tempered
- Clamping force up to 5000 N

**Advantage:**

- Ergonomic two-component handle for optimum force transmission
- Quick-action slide button



Max. clamping width (mm)	300	600
Overhang (mm)	100	100
Rail cross-section L x W	9.5 x 19.5 mm	9.5 x 19.5 mm
51114...	Ident. No.	010
		●

Prod. Gr. 517

## ORION® Parallel clamp

### Application:

For clamping a wide variety of workpiece shapes.

### Execution:

- With fine-threaded spindle
- Swivel-mounted clamping jaws

- Clamping jaws with four different surfaces: Smooth, ribbed, cross-over and v-block
- Galvanised bar

### Advantage:

- Precise and powerful clamping



Min./max. clamping width		0-25 mm	0-50 mm	0-75 mm	0-100 mm	0-150 mm
Width of clamping jaw (mm)		11	16	19	19	22
51115...	Ident. No.	001	002	003	004	005
		●	●	●	●	●

Prod. Gr. 598

## BISSER All-steel high-performance clamps

### Application:

For powerful clamping of a range of workpieces.

### Execution:

- Movable locking handle
- Fixed part in tempered steel
- Sliding bar in forged tempered steel

- Tempered spindle

### Advantage:

- Optimised blade profile, 20% more clamping force per spindle revolution
- Heat-resistant, movable special pressure plate with hardened, oil-soaked sintered steel inlay for a long service life



Max. clamping width (mm)		250	300	500	800
Overhang (mm)		140	140	140	140
Rail cross-section L x W		13 x 34 mm	13 x 34 mm	13 x 34 mm	13 x 34 mm
Material of the grip handle		Steel	Steel	Steel	Steel
51118...	Ident. No.	025	030	050	080
		●	●	●	●

Prod. Gr. 517

## BISSER Structural steel bar clamps

### Heavy-duty version

### Application:

For powerful clamping of a range of workpieces.

### Execution:

- Movable locking handle
- Fixed part in tempered steel
- Sliding bar in forged tempered steel

- Tempered spindle
- Clamping force up to 22000 N

### Advantage:

- Heat-resistant, movable special pressure plate with hardened, oil-soaked sintered steel inlay for a long service life



Max. clamping width (mm)		300	400	500	600	800
Overhang (mm)		175	175	175	175	175
Rail cross-section L x W		20 x 40 mm	20 x 40 mm	20 x 40 mm	20 x 40 mm	20 x 40 mm
Material of the grip handle		Steel	Steel	Steel	Steel	Steel
51120...	Ident. No.	030	040	050	060	080
		●	●	●	●	●

Prod. Gr. 517

## BISSER Assembly clamps

### The flexible spring clamp

### Application:

For flexible, gentle clamping of a wide range of small workpieces.

### Execution:

- Ergonomically shaped two-component handle
- Constant clamping force
- Superpolyamide clamping arms

### Advantage:

- Softpads for particularly gentle clamping with delicate surfaces
- **Ident. No. 060-100:** Variable clamping width can be continuously adjusted on one side
- **Ident. No. 110:** Variable clamping width can be continuously adjusted on both sides
- **Ident. No. 120-130:** Long, pointed clamping arms for working in narrow gaps and areas close to edges



Ident. No. 060-100



Ident. No. 110



Ident. No. 120-130

Max. clamping width (mm)	55	100	170	55	70
Overhang (mm)	37	50	50	60	110
<b>51126...</b>	Ident. No. <b>060</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>
	●	●	●	●	●

Prod. Gr. 517

## ORION® Assembly clamp

For rapid clamping and locking operations

**Application:**

For simple and rapid clamping of a wide range of workpieces.

**Execution:**

- Pressed sheet steel, galvanised
- Consistent and constant pressure thanks to in-built spiral spring



Max. clamping width (mm)	30	50
<b>51127...</b>	Ident. No. <b>010</b>	<b>020</b>
	●	●

Prod. Gr. 518

## GEDORE Pole-terminal puller and two-arm puller

WERKZEUGE FÜR'S LEBEN

**Application:**

For extracting washers, wheels, ball bearings, battery pole terminals.

**Execution:**

- Strong and practical
- Self-centring puller hooks, screwed
- **Ident. No. 001-003:** With handle
- **Ident. No. 010-030:** For key actuation



Ident. No. 001-003



Ident. No. 010-030

Max. clamping width (mm)	65	70	80	110	160	200
Max. clamping depth (mm)	50	70	80	110	140	200
<b>55023...</b>	Ident. No. <b>001</b>	<b>002</b>	<b>003</b>	<b>010</b>	<b>020</b>	<b>030</b>
	●	●	●	●	●	●

Prod. Gr. 5JB

## GEDORE Two-legged extractors

WERKZEUGE FÜR'S LEBEN

**Application:**

For extracting washers, wheels, ball bearings

- toggle or key actuation
- Less working area required

**Execution:**

- Strong and practical
- Self-centring puller hooks, screwed

**Advantage:**

- Self-clamping hooks



Ident. No. 100-110



Ident. No. 115-140

Max. clamping width (mm)	60	60	70	90	130	180
Max. clamping depth (mm)	40	60	80	120	160	200
<b>55024...</b>	Ident. No. <b>100</b>	<b>110</b>	<b>115</b>	<b>120</b>	<b>130</b>	<b>140</b>
	●	●	●	●	●	●

Prod. Gr. 5JB



## GEDORE Two-legged extractors

WERKZEUGE FÜR'S LEBEN

**Application:**

For internal and external extraction of washers, wheels, ball bearings.

**Execution:**

- Strong, drop-forged design
- For key actuation

**Advantage:**

- Can be used as external or internal extractor by switching the hooks
- Setting scale for even hook adjustments
- With hook stop to secure against unwanted slip-page; pressing the button moves the hook



Max. external clamping width (mm)			100	140	170	210	250	340	520
Max. internal clamping width (mm)			140	180	220	260	340	430	610
Max. clamping depth (mm)			100	100	150	150	200	200	200
Max. pulling force (t)			3	3	5	5	7.5	7.5	10
	Extractor design								
55028...	Two arms	Ident. No.	208	212	216	220	225	235	252

Prod. Gr. 5JB

## GEDORE Two-arm puller set

WERKZEUGE FÜR'S LEBEN

For various clamping depths

**Application:**

For internal and external extraction with a range of clamping depths.

**Execution:**

- For key actuation
- 2 puller hooks with 100, 200 and 250-mm clamping depth

**Advantage:**

- With extremely narrow, reversible puller hooks for use as external and internal extractor

**Delivery:**

In box



Min./max. clamping width		30-130 mm
Min./max. clamping depth		50-250 mm
Max. clamping depth (mm)		250
Min. clamping depth (mm)		50
Max. clamping width (mm)		130
Min. clamping width (mm)		30
55026...	Ident. No.	020

Prod. Gr. 5JB

## GEDORE Universal external and internal extractor sets

WERKZEUGE FÜR'S LEBEN

For various clamping depths

**Application:**

For internal and external extraction with a range of clamping depths.

**Execution:**

- Forged traverses and pull-out hooks
- **Ident. No. 090:** One 2- and one 3-arm traverse, 2 spindles and 3 narrow pull-out hooks in each of 3 lengths: 100/200/250 mm. Clamping depths up to 250 mm.

- Maximum external clamping width 130 mm, internal 170 mm. Delivery in case with foam insert.
- **Ident. No. 091:** Two 2-arm traverses, 4x maintenance-free spindles (3x balls/tips) and 2 pull-out hooks in each of 2 lengths 100/250 mm, hook length extensions in 2 lengths 100/150 mm. Clamping depth up to 300 mm, maximum external clamping width 200 mm, internal width 70-260 mm. Delivery in L-Boxx with foam insert

Min./max. clamping width		80-170 mm	100-260 mm
Min./max. clamping depth		50-250 mm	50-300 mm
Max. clamping depth (mm)		250	300
Min. clamping depth (mm)		50	50
Max. clamping width (mm)		170	260
Min. clamping width (mm)		80	100
55026...	Ident. No.	090	091

Prod. Gr. 5JB



Ident. No. 090



Ident. No. 091

## Two-arm and three-arm universal puller set

For various clamping depths

**Application:**

For universal pulling tasks for a range of clamping depths.

**Execution:**

- For key actuation
- Slim S-shaped puller hooks at multiple clamping depths for narrow gaps
- can also be used as internal extractor by reversing the hooks

- internal clamping width, then 70-180 mm

**Advantage:**

- With extra-long spindle
- Two legs for especially space-saving working processes
- Three legs for even load distribution and particularly secure hold on the part being removed



Min./max. clamping width	120-130 mm
Min./max. clamping depth	100-350 mm
Max. clamping depth (mm)	350
Min. clamping depth (mm)	100
Max. clamping width (mm)	130
Min. clamping width (mm)	120
55003...	Ident. No. 001

Prod. Gr. 5JA



## Two-arm pullers

With puller hooks in standard lengths

### Application:

For universal internal and external extraction of gear wheels, ball bearings, bearings etc.

### Execution:

- Strong version, special steel
- Strong spindle and movable spindle tip
- Spindle head with collar (anti-slip protection)
- Sliding puller hooks (that remain parallel) and large contact surfaces for smooth pulling tasks

- **Ident. No. 010-060:** Fixed hook fastening once the screws are tightened

### Advantage:

- Tie-bar with hexagonal socket for holding
- Can be used as external and internal extractor
- **Ident. No. 100-250:** Quick to loosen and move the hooks using the manual setting knurl without the need for a screw wrench
- **Ident. No. 200-250:** For narrow gaps



Ident. No. 010-060



Ident. No. 100-150



Ident. No. 200-250

Extractor design		Fixed hook fastening	Quickly adjustable hook	Quickly adjustable, narrow hook
Max. clamping width (mm)	Max. clamping depth (mm)	55003... Ident. No.	55003... Ident. No.	55003... Ident. No.
90	100	010	100	200
120	100	020	110	210
160	150	030	120	220
200	150	040	130	230
250	200	050	140	240
350	200	060	150	250

Prod. Gr. 5JA



## Three-arm pole terminal pullers and three-arm pullers

### Application:

For safe extraction of washers, wheels, ball bearings, battery pole terminals.

### Execution:

- Self-centring puller hooks, screwed

- **Ident. No. 001-003:** With handle
- **Ident. No. 010-030:** For key actuation

### Advantage:

- Even load distribution and particularly secure hold on the part being removed thanks to three puller hooks



Ident. No. 001-003



Ident. No. 010-030

Max. clamping width (mm)	65	70	80	110	160	200
Max. clamping depth (mm)	50	70	80	110	140	200
55043...	Ident. No. 001	002	003	010	020	030

Prod. Gr. 5JB

**GEDORE** Three-arm pullers

WERKZEUGE FÜR'S LEBEN

**Application:**

For safe extraction of washers, wheels, ball bearings

**Execution:**

- Strong and practical
- For key actuation

**Advantage:**

- Self-clamping hooks
- Even load distribution and particularly secure hold on the part being removed thanks to three puller hooks

Max. clamping width (mm)		70	90	130	180
Max. clamping depth (mm)		80	120	160	200
<b>55045...</b>	Ident. No.	<b>010</b>	<b>020</b>	<b>030</b>	<b>040</b>
		●	●	●	●

Prod. Gr. 5JB

**GEDORE** Twist & Pull three-arm puller

WERKZEUGE FÜR'S LEBEN

**Application:**

For safe extraction of washers, wheels, ball bearings.

**Execution:**

- For key actuation

**Technical data:**

- Extractor design: Three arms
- Max. pulling force: 6.5 t

**Advantage:**

- User-friendly extractor with high-speed locking via rotary disc

Min./max. clamping width		30-150 mm	80-250 mm
Max. clamping depth (mm)		130	250
<b>55050...</b>	Ident. No.	<b>010</b>	<b>020</b>
		●	●

Prod. Gr. 5JB

**GEDORE** Three-arm puller with hook stop

WERKZEUGE FÜR'S LEBEN

**Application:**

For safe internal and external extraction of washers, wheels, ball bearings.

**Execution:**

- Strong, drop-forged design
- For key actuation

**Advantage:**

- Can be used as external and internal extractor
- Secure hold and centred pulling thanks to the even load distribution
- With hook stop to secure against unwanted slippage; pressing the button moves the hook

Max. external clamping width (mm)		90	130	160	200	250
Max. internal clamping width (mm)		140	180	220	260	400
Max. clamping depth (mm)		100	100	150	150	200
Max. pulling force (t)		3	3	5	5	7.5
<b>55046...</b>	Ident. No.	<b>010</b>	<b>020</b>	<b>030</b>	<b>040</b>	<b>050</b>
		●	●	●	●	●

Prod. Gr. 5JB

**GEDORE** Ball bearing internal extractors

WERKZEUGE FÜR'S LEBEN

**Application:**

For extracting ball bearings, ball bearing outer rings and bushings.

- Not suitable for shaft-mounted bearings

**Execution:**

- Can be used with slide hammer or counterpart

**Advantage:**

- Bearings seated close to the back wall of the casing are securely gripped by the sharp projections on the shells.

Suitable for min./max. internal Ø		5-8 mm	8-12 mm	12-14 mm	14-19 mm	19-24 mm	24-30 mm	30-36 mm	36-46 mm	46-56 mm	56-70 mm	70-100 mm
Connection thread		M10	M10	M10	M10	M10	M10	M10	M14 x 1.5	M14 x 1.5	M14 x 1.5	M14 x 1.5
<b>55095...</b>	Ident. No.	<b>002</b>	<b>004</b>	<b>010</b>	<b>020</b>	<b>030</b>	<b>040</b>	<b>050</b>	<b>060</b>	<b>070</b>	<b>080</b>	<b>090</b>
		●	●	●	●	●	●	●	●	●	●	●

Prod. Gr. 5JB





## Ball bearing internal extractors

Titanium-nitrided

### Application:

For extracting ball bearings, rings and bushings.

- Multiple wrench width 11 + 13 mm
- Wear-free ball construction ensures permanently invariable spreading range



### Execution:

- Titanium-nitrided coating for greater hardness

Suitable for min./max. internal Ø	5-8.5 mm	8-15 mm	15-24 mm	25-36 mm
Connection thread	M10	M10	M10	M10
55095...	Ident. No. 110	120	130	140
	•	•	•	•

Prod. Gr. 5JB



## Ball bearing internal extractor set

Titanium-nitrided, with slide hammer

### Application:

For extracting ball bearings, rings and bushings.

- Multiple wrench width 11 + 13 mm
- Design with expanded clamping range
- Titanium-nitrided surface



### Execution:

- Set of 4 internal extractors and slide hammer with 1.7 kg impact weight
- M10 connection thread

### Delivery:

In sturdy plastic case with foam insert

Suitable for min./max. internal Ø	5-36 mm
55095...	Ident. No. 200
	•

Prod. Gr. 5JB



## Slide hammer device

Compatible with internal extractors

### Application:

For extracting without counterparts.

- Ident. No. 300: With M 10 connecting thread
- Ident. No. 310: With M 10 connecting thread + adapter to M 14 x 1.5
- Ident. No. 320: With M 14 x 1.5 connecting thread



Ident. No. 310

### Execution:

- Ident. No. 100: With M 14 x 1.5 connecting thread + adapter to M 10

Impact length (mm)	180	230	400	500
Impact weight (kg)	0.2	0.7	1.7	3.0
55095...	Ident. No. 300	310	100	320
	•	•	•	•

Prod. Gr. 5JB



## Counter-supports

For ball bearing internal extractor

### Application:

For extracting using counterparts.

### Execution:

- Two-armed counterpart
- With locking handle

Suitable for min./max. internal Ø	5-36 mm	36-70 mm	70-100 mm
Width across flats	27 mm	32 mm	32 mm
Connection thread	M10	M14 x 1.5	M14 x 1.5
55100...	Ident. No. 010	020	030
	•	•	•

Prod. Gr. 5JB



## Ball bearing internal extractors

### Application:

For extracting ball bearings and dowel pins.

- Slide hammer with 1700-g impact weight
- Internal extractor for bearing diameters from 6 to 19 mm
- With 1 tube of special grease
- In robust case with foam inlay



### Execution:

- Set of 4 internal extractors, slide hammer and M3-M18 thread adapters

Suitable for min./max. internal Ø	5-19 mm
55007...	Ident. No. 635
	•

Prod. Gr. 5JA



## Slide hammer set

10-piece slide hammer set for internal extractors and needle bearing pullers, in a plastic case

### Application:

For extracting close-fitting ball bearings, rings, bushings and parts with centred threaded holes.

### Execution:

- Suitable for all hole diameters
- Thread inserts and connectors M3, M4, M5, M6, M7, M8, M10, 15, 16 G

### Advantage:

- Can also be used where a strong shock effect is required
- Can be used anywhere threaded pins can be screwed straight into the part being removed
- Ergonomically shaped slide block for optimum force transmission
- Pinching and deep holes are prevented, as the slide hammer bar completely disappears into the slide block during striking



Impact length (mm)		230
Number of pieces in assortment/set (PCS)		10
55007...	Ident. No.	630

Prod. Gr. 5JA



## Two-arm bearing puller

With separating claw and side clamp

### Application:

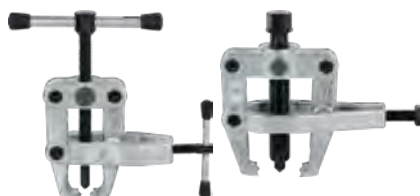
gentle extraction of bearings located directly on surfaces

### Execution:

- extraction arms can be fixed securely with side clamp
- Ident. No. 100: 2 toggles for actuating spindles
- Ident. No. 110: hexagonal screw actuation

Max. clamping width (mm)		50	90
Max. clamping depth (mm)		70	100
55131...	Ident. No.	100	110

Prod. Gr. 5JA



Ident. No. 100

Ident. No. 110

## GEDORE Separator

WERKZEUGE FÜR'S LEBEN

### Application:

For separating and detaching parts to be removed from their position.

### Execution:

- Centred clamping of the separating jaws thanks to the key-operated pressure spindles
- Sharp blades on the separating jaws also detach close-fitting parts

Max. clamping width (mm)	120	165	215	300
Min./max width of mouth	5-60 mm	12-75 mm	22-115 mm	30-155 mm
55200...	Ident. No.	005	010	020
		030		

Prod. Gr. 5JB



## GEDORE Puller

WERKZEUGE FÜR'S LEBEN

### Application:

For pulling in combination with a separator.

### Execution:

- The tension bolts are screwed into the threaded holes in the separator jaws of the puller
- Key-operated pressure spindle

Min./max width of mouth	50-60 mm	12-75 mm	70-215 mm	90-300 mm
Min./max. clamping width	40-120 mm	65-165 mm	70-215 mm	90-300 mm
55205...	Ident. No.	005	010	020
				030

Prod. Gr. 5JB





## Puller sets for parts with threaded drill holes

### Application:

for removing bushings, dowel pins, keys and bolts

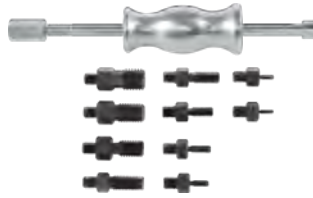
### Execution:

- practice-oriented set configurations for universal application
- can also be combined with counterparts
- thread inserts hardened and tempered
- **Ident. No. 100–110:**

- with slide hammer, 0.9 kg impact weight
- thread inserts in sizes M3,M4,M5,M6,M8,M10,M12,M14,M16,M18
- **Ident. No. 120:**
- with slide hammer, 1.7 kg impact weight
- Thread inserts in sizes M8,M10,M12,M14,M16,M18,M20,M22,M24

### Delivery:

**Ident. No. 110–120:** in plastic case with foam insert



Ident. No. 100



Ident. No. 110



Ident. No. 120

Suitable for min./max. thread	M3-M18	M3-M18	M8-M24
Impact length (mm)	225	226	270
<b>55008...</b>	<b>Ident. No. 100</b>	<b>110</b>	<b>120</b>
	●	●	●

Prod. Gr. 5JA

## Pin extractor

### With impact piece

### Application:

For pulling and extracting threaded parts, e.g. tapered and cylindrical pins

### Delivery:

Including M4, 5, 6, 8, 10, 12 screws and washers



Suitable for min./max. thread	M4-M12	M4-M12
Impact length (mm)	85	300
<b>55015...</b>	<b>Ident. No. 010</b>	<b>020</b>
	●	●

Prod. Gr. 5JC

## Zokker pin puller set

### Application:

Easy removal of all cylinder pins and conical pins, V-ledges, belt discs and much more.

- 2 tensile rods, 120 and 200 mm
- Driver, 770 g
- 6 bits in magazine ring, M3, 4, 5, 6, 8 and M10

### Execution:

- Handy, compact set
- Bits and tensile rods tempered to 1000 Nm/mm<sup>2</sup>, burnished

### Advantage:

- Excellent tensile strength thanks to the rolled male thread and shaped female thread



Suitable for min./max. thread	M3-M10
Impact length (mm)	120/200
<b>55016...</b>	<b>Ident. No. 010</b>
	●

Prod. Gr. 5JC

## Screw extractors

### Chromium-vanadium steel, individual

### Application:

For removing broken screws, threaded pins and pipe ends.

- Rolled thread
- Ground shaft
- Only screws with a right-hand thread can be unscrewed



### Execution:

- 54-56 HRC

Suitable for min./max. thread	M4-M6	M5-M7	M8-M10	M11-M14	M15-M18	M18-M24	M24-M33	M33-M45
Pre-drilling Ø (mm)	1.8	2.6	3.7	5.5	7	10.3	15.3	20
Length (mm)	50	57	64	71	78	85	92	100
<b>55010...</b>	<b>Ident. No. 010</b>	<b>020</b>	<b>030</b>	<b>040</b>	<b>050</b>	<b>060</b>	<b>070</b>	<b>080</b>
	●	●	●	●	●	●	●	●

Prod. Gr. 5JC



## Screw extractor sets

## Chromium-vanadium steel, individual

## Application:

For removing broken screws, threaded pins and pipe ends.

## Execution:

- Rolled thread

- Ground shaft

- Only screws with a right-hand thread can be unscrewed

- Ident. No. 020: 54-56 HRC

- Ident. No. 030: 55-56 HRC



Suitable for min./max. thread	M4-M24	M4-M45
Min./max. pilot hole Ø	1.8-10.3 mm	1.8-20.0 mm
55011...	Ident. No. 020	030
	●	●

Prod. Gr. 5JC



## Screw extractor set

## Application:

For removing broken screws, threaded pins and pipe ends.

## Execution:

- Set of drill bits and drill bushings

- In robust case with foam inlay

## Advantage:

- Easy to remove the damaged bolt precisely, without damaging the thread



Suitable for min./max. thread	M5-M16
Min./max. pilot hole Ø	2.3-11.0 mm
55012...	Ident. No. 010
	●

Prod. Gr. 5JA

## Screw extractor set

## Chromium-vanadium-molybdenum steel

## Application:

For removing all types of damaged or broken screws.

## Execution:

- 16-piece set including twist drill

- For screws with right-hand or left-hand threads
- Spot-drill broken off screw, drive in extractor, extract with box wrench.



Suitable for min./max. thread	M5-M16
Min./max. pilot hole Ø	2.3-11.0 mm
55013...	Ident. No. 010
	●

Prod. Gr. 5JC



## Stud extractor

## Individual or in a 4-piece set

## Application:

for extraction of stud bolts or broken off components

- for use in confined spaces

- Ident. No. 200: 4-piece set, extra large clamping range

## Execution:

- high performance and long service life
- operate either using 1/2 inch square socket or hexagon head

- Ident. No. 206-216: individual sizes with extra large clamping range



Ident. No. 200



Ident. No. 206-208, 212-214

Min./max. clamping width	Max. clamping width (mm)	Length (mm)	55009... Ident. No.	
6-12 mm	12	-	200	●
-	6	65	206	●
-	8	65	208	●
-	10	75	210	●
-	12	75	212	●
-	14	75	214	●
-	16	75	216	●

Prod. Gr. 5JA

## GEDORE strap wrenches

**Application:**  
for gentle clamping of round parts

**Execution:**

- tensioning strap: highly tear-resistant and non-slip, replaceable.

Max. clamping width (mm)	140	200
Length (mm)	220	285
Width of band (mm)	25	25
52157...	Ident. No.	010 020

Prod. Gr. 530

- **Ident. No. 010:**
  - C 45 – all-steel version
  - plastic handle
- **Ident. No. 020:**
  - Forged version in 31CrV3 chrome-vanadium steel
  - all-steel handle with jointed head



Ident. No. 010

Ident. No. 020

## STAHLWILLE strap wrenches

**Application:**  
For oil filters and delicate screws

**Execution:**

- Steel lever with plastic handle
- Non-slip rubber cloth tape

52158...	Ident. No.	200
----------	------------	-----

Prod. Gr. 531

**Technical data:**

- Max. clamping width: 180 mm
- Length: 236 mm
- Width of band: 22 mm



## ZENTEN Pipe cutter

For thin-walled Al, Cu, stainless steel metal pipes

**Application:**  
For cutting pipes with a clean cut.

**Execution:**

- For thin-walled metal pipes (aluminium, copper, INOX)
- **Ident. No. 410–450:**
  - With cutting wheel and two guide rollers
  - Die-cast zinc body, carriage and rotary knob
  - Steel-mounted spindle
- **Ident. No. 500:**

- With cutting wheel and four guide rollers for optimum grip on the pipe
- Magnesium die-cast body – lightweight yet with identical stress properties
- Steel-mounted spindle, removable deburring tool.

**Advantage:**

- Quick cutting wheel replacement without needing tools thanks to Instant Change (IC) system
- **Ident. No. 410:** Compact design allows for considerably smaller working radius
- **Ident. No. 410–450:** Ergonomic rotary knob for optimum force transmission
- **Ident. No. 440, 500:** With spare cutting wheel in rotary knob



Ident. No. 410



Ident. No. 440



Ident. No. 450



Ident. No. 500

Model		basick+	kompakt+	basick+	kompakt+
Suitable for min./max. pipe outer Ø		3-16 mm	3-30 mm	3-35 mm	3-35 mm
Material of the housing		Die-cast zinc	Die-cast zinc	Die-cast zinc	Die-cast magnesium
57001...	Ident. No.	410	440	450	500

Prod. Gr. 580

Accessories for		57001 410	57001 440	57001 450	57001 500
57001... Spare cutting wheel	Ident. No.	600	600	600	600

## RIDGID 2-in-1 mini pipe cutters

**Application:**  
For particularly easy cutting of pipes with a clean cut.

**Execution:**

- Robust, lightweight carriage and wheel housing
- Cutting wheel and two guide rollers
- For copper and aluminium pipes

- Not suitable for composite pipes

**Advantage:**

- The mini pipe cutter can either be used alone or together with the ratchet
- With automatic feed using spring mechanism
- Particularly effective in confined areas thanks to the ratchet



Suitable for min./max. pipe outer Ø		6-28 mm
57019...	Ident. No.	010

Prod. Gr. 514

Accessories for		57019 010
57019... Spare cutting wheel	Ident. No.	100

## ZENTEN Pipe cutter

For plastic and composite pipes

**Application:**

For cutting pipes with a clean cut.

**Execution:**

- For synthetic and compound pipes
- Cast aluminium body
- Die-cast zinc slide and rotary knob
- Ident. No. 101:** With four guide rollers for optimum grip on pipe
- Ident. No. 102:** With two fixed guide rollers and one adjustable guide roller

**Advantage:**

- Conical rotary knob for improved force transfer
- Quick cutting wheel replacement without needing tools thanks to Instant Change (IC) system
- Includes fully removable deburring tool
- With quick-action feed system
- Ident. No. 101:** With spare cutting wheel in rotary knob
- Ident. No. 102:** PTFE-coated pinion type cutters

**Technical data:**

- Model: kompakt+ quick



Ident. No. 101

Ident. No. 102

Suitable for min./max. pipe outer Ø		6-76 mm	50-127 mm
57030...	Ident. No.	101	102
		●	●

Prod. Gr. 580

Accessories for		57030 101	57030 102
57032... Spare cutting wheel	Ident. No.	100	-
19 x 6 mm		●	
57032... Spare cutting wheel	Ident. No.	106	-
30 x 62 mm		●	
57032... Spare cutting wheel	Ident. No.	-	107
25 x 11 mm			●
57032... Spare cutting wheel	Ident. No.	-	108
51 x 11 mm			●
57032... Spare cutting wheel	Ident. No.	-	109
45 x 11 mm			●

## ZENTEN Pipe cutter

For INOX stainless steel pipes

**Execution:**

- For thin-walled INOX stainless steel pipes
- With needle bearing-mounted cutting wheel with special cutting geometry
- With four needle bearing-mounted guide rollers for easy and quick cuts
- Steel-mounted spindle
- Ident. No. 035:** Die-cast magnesium body
- Ident. No. 076:** Cast aluminium body

**Advantage:**

- Conical rotary knob for improved force transfer
- Quick cutting wheel replacement without needing tools thanks to Instant Change (IC) system
- With spare cutting wheel in rotary knob
- Includes fully removable deburring tool
- Ident. No. 076:** With quick-action feed system

**Technical data:**

- Model: inox kompakt+



Ident. No. 035

Ident. No. 076

Suitable for min./max. pipe outer Ø		3-35 mm	6-76 mm
57035...	Ident. No.	035	076
		●	●

Prod. Gr. 580

Accessories for		57035 035	57035 076
57035... Spare cutting wheel	Ident. No.	135	176
		●	●

## ZENTEN RAPTOR plastic and composite pipe shears

**Application:**

For cutting pipes without warping the pipe.

**Execution:**

- Made from die-cast magnesium with INOX blade
- Optimum force transmission
- 100% straight cut

- Ident. No. 110:** With progressive, gear-driven blade feed

**Advantage:**

- Easy cutting thanks to PTFE-coated blade
- Tools not needed to change blades
- Ident. No. 110:**
  - Blade quickly retracts at the push of a button
  - Handle with ergonomic rubber inlay



Ident. No. 100

Ident. No. 110

Suitable for min./max. pipe outer Ø		0-26 mm	0-42 mm
53138...	Ident. No.	100	110
		●	●

Prod. Gr. 580

Accessories for		53138 100	53138 110
53138... Spare blade	Ident. No.	200	210
		●	●

## ZENTEN DENAKUT hose and composite pipe shears

for flexible hoses, thin-walled plastic pipes, composite and corrugated pipes

### Application:

**Ident. No. 400:** For cutting flexible hoses

**Ident. No. 410:** For cutting flexible hoses and soft plastic tubes

**Ident. No. 420:** for cutting composite piping and corrugated pipes

### Execution:

#### Ident. No. 400-410:

- Magnesium die-cast body
- Blade with optimised cutting geometry and PTFE coating
- One-handed closure system

#### Ident. No. 410:

- Steel bearing axle with needle roller bearings
- Ergonomic two-component handles with anti-impact absorption

#### Ident. No. 420:

- magnesium die-cast body
- twist and cut system: 4 needle bearing guide rollers make it easy to rotate the pipe when cutting
- one-handed closure system
- blade with optimised cutting geometry and PTFE coating
- steel bearing axle with needle roller bearings
- with 4 x 3-edged blades on the inside of the handle, protective corrugated pipes from 8 to 35 mm can be cut without damaging the inner tube
- ergonomic two-component handles with anti-impact absorption

### Advantage:

**Ident. No. 400-410:** Easier, faster and more precise cutting with minimal application of force

**Ident. No. 420:** easier, faster and more precise cutting with minimal application of force



Ident. No. 400



Ident. No. 410



Ident. No. 420

Suitable for min./max. pipe outer Ø	0-22 mm	0-28 mm	0-26 mm
53138...	Ident. No. 400	410	420

Prod. Gr. 580

Accessories for		53138 400	53138 410	53138 420
53138...	Replacement blade for hose cutter DENAKUT 22 mm	500	-	-
53138...	Replacement blade for hose cutter DENAKUT 28 mm	-	510	-
53138...	Replacement blade for composite pipe shears DENAKUT 26 mm	-	-	520
53138...	Replacement blade for corrugated pipe shears DENAKUT 26 mm Set of 4 pieces	-	-	530

## ZENTEN Pipe deburrers

### Application:

For deburring pipes inside and out.

### Execution:

- ABS plastic body with three in-laid Solingen blades
- For hard plastic pipes and soft metal pipes



Suitable for min./max. external Ø	3-42 mm
57033...	Ident. No. 010

Prod. Gr. 580

## RIDGID Pipe deburrers

### Application:

For copper and stainless steel pipes

### Execution:

- Hardened steel construction, internal/external deburrer

- 46 blades on hardened cone facilitates rapid and clean deburring from within and external chamfering.
- Non-slip external knurling on housing



Suitable for min./max. external Ø	6-36 mm	12-54 mm
57033...	Ident. No. 100	110

Prod. Gr. 514

## Karnasch angle bender 100 E

Bending machine to meet exacting requirements and for professional applications

### Application:

For cold and warm bending

### Execution:

- Basic body and bending arm cast and milled from spheroidal graphite iron (no grey cast iron)
- Bending performance with radius jaw: flat steel 100 x 6 mm or 50 x 12 mm, hot 100 x 12 mm or 60 x 20 mm
- Round steel: 18 mm, hot: 30 mm
- Using the included sharp-edged jaw: sheets up to maximum thickness of 2 mm
- With holes for workbench mounting
- Can be used immediately with basic equipment provided
- Dimensions: 290 x 260 mm (length x width), bending lever: 710 mm, longitudinal stop: 440 mm

### Advantage:

- The low tare weight of the spheroidal graphite iron still allows optimum bending performance
- Using high-grade steel that has undergone subsequent heat treatment,
- it is possible to keep the dimensions of the bending jaws small.
- Tightest Z and U-bends are therefore possible

### Delivery:

Bender with bending lever, sharp-edged jaw, radius jaw  $r = 4$  mm, longitudinal stop, bending stop, on-board tool

### Technical data:

- Max. flexible cross-section: 100 x 10 mm
- Max. bend angle: 60 Degree
- Weight: 25 kg



57586...

Ident. No.

200



Prod. Gr. 5IF