

# INSTALLATION TOOLS

Difficult working conditions often apply in sanitary, heating and pipeline construction. Tight maintenance spaces and little freedom of movement sometimes come up against sensitive system components and materials, which is why GEDORE installation tools were developed.

GEDORE pipe cutters reliably deliver clean cuts on steel and cast iron pipes, electrical installation pipes, multi-layer composite pipes and other special pipes. There is no need for tedious deburring and the work is completed quickly.

The range of installation tools also offers flaring tools and matching accessories as well as different spanners that can be used to efficiently master everyday work.

GEDORE installation tools are developed for the sole purpose of supporting the user and making work efficient and safe - and this is evident in every single tool, from the cutting wheel to the radiator valve spanner. They are extremely robust and durable.



## **i** TUBEX - A PROMISE

- High performance tube cutter for steel and cast iron tubes
- No. 222 especially suitable for tight spaces, 360° rotation not necessary
- Cutting wheel can be easily changed for processing stainless steel pipes
- For wall thicknesses from 2.0 to 8.0 mm



TOUGH  
RELIABLE



#### GREAT DIVERSITY IN FORM AND FUNCTION

- Wide range of specialised tools for installation and assembly work
- Individual or practical tool sets in GEDORE i-BOXX®es
- Spare parts and accessories optionally available



#### WORK ON FITTINGS

- Spanners especially for washbasin assembly, optionally with double jaws or reversible ratchets
- Special tools for working on and mounting valves
- Tools for quick and easy screwing and unscrewing of hanger bolts

#### WORKING ON THE RADIATOR

- Stepped and combination stepped keys for professional installation and removal of valve nipples and radiator valves
- Combination stepped key 380 can be combined with the radiator valve spanner 3810
- Trouble-free installation of straight and elbow compression fitting, even in corner or straight-through shapes

**210015**

Link pipe cutter for steel, SML and cast iron pipes



- > Low space requirements due to ratchet-type operation
- > In the standard version suitable for pipes from 85 to 175 mm Ø
- > Expandable for tubes up to max. 330 mm outer-Ø

Code	No.	Ø mm	Wall thickness mm	
<b>4536250</b>	210015	85-175	3,2-8,0	5,7

**E 210**

Set of spare links

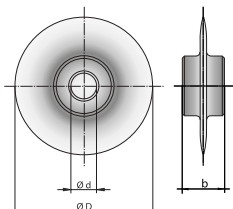


- > For extending the cutting range at No. 210015
- > For more information see table "Cutting range link pipe cutter No. 210015"

Code	No.	Contents	Pieces	
<b>2799626</b>	210100	1 cutting wheel No. 210200 1 single link No. 210500 1 bolt No. 210600	3	0,395

**E 210**

Spare parts




Code	No.	Designation	Ø D	b	Ø d	
<b>4536410</b>	210200	Cutting wheel for 210015	50	11	11	0,080
<b>4536680</b>	210600	Spare bolt for 210015				0,027
<b>4551480</b>	210500	Spare link for 210015				0,290


**CUTTING RANGE**


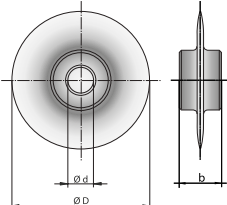
of the link pipe cutter No. 210015


Cutting range from min. Internal Ø mm to max. External Ø mm	Number of cutting wheels	Accessories required
85 - 115	3*	
110 - 145	4*	
135 - 175	5	
165 - 200	6	1 x 210100
190 - 225	7	2 x 210100
220 - 250	8	3 x 210100
240 - 280	9	4 x 210100
270 - 300	10	5 x 210100
295 - 330	11	6 x 210100


\* the link pipe cutter must be reduced by the corresponding number of cutting wheels

<b>220</b> Pipe cutter TUBEX for steel, SML and cast iron pipes	<ul style="list-style-type: none"> <li>&gt; High-performance pipe cutter with 1 cutting wheel</li> <li>&gt; Can also be used for stainless steel pipes by replacing the cutting wheel (2" version)</li> <li>&gt; Spindle protected by sleeve extension</li> </ul>	<b>Code</b> <b>No.</b> <b>Size</b> $\varnothing$ <b>mm</b> <b>Wall thickness mm</b> <b>l mm</b>
		<b>4503400</b> 220020    1/8 - 2    10 mm - 60 mm    2,0-6,3    380    2,90
		<b>4503590</b> 220040    1.1/4 - 4    42 mm - 114 mm    2,6-8,0    520    4,96

<b>222</b> Pipe cutter TUBEX for steel, SML and cast iron pipes	<ul style="list-style-type: none"> <li>&gt; High-performance pipe cutter with 3 cutting wheels</li> <li>&gt; Particularly suitable for hard-to-reach areas, as 360° rotation is not necessary</li> <li>&gt; Can also be used for stainless steel pipes by replacing the cutting wheel (2" version)</li> <li>&gt; Spindle protected by sleeve extension</li> </ul>	<b>Code</b> <b>No.</b> <b>Size</b> $\varnothing$ <b>mm</b> <b>Wall thickness mm</b> <b>l mm</b>
		<b>4537060</b> 222020    1/8-2    10-60    2,0-6,3    380    2,70
		<b>4553420</b> 222040    1.1/4-4    42-114    2,6-8,0    520    4,84

<b>E 220 - E 222</b> Cutting wheel	 	<b>Code</b> <b>No.</b> <b>Designation</b> $\varnothing$ <b>D</b> <b>b</b> $\varnothing$ <b>d</b>
		<b>1524038</b> 220221    Cutting wheel for niro tubes for 220020    32    19    9    0,028
		<b>4503750</b> 220220    Cutting wheel for 220020, 222020    32    19    9    0,028
		<b>4503830</b> 220240    Cutting wheel for 220040, 222040    41    19    9    0,038
		<b>4552450</b> 220620    Wheel bolt for 220020, 222020                   0,015
		<b>4552530</b> 220640    Wheel bolt for 220040, 222040                   0,019

<b>2180</b> Pipe cutter for stainless steel pipes	<ul style="list-style-type: none"> <li>&gt; Easy cutting due to ball-bearing pressure rollers and cutting wheels</li> <li>&gt; Cutting wheel changeable without tools</li> <li>&gt; With retractable deburring tool, spare cutting wheel in handle</li> </ul>	<b>Code</b> <b>No.</b> $\varnothing$ <b>mm</b> <b>Wall thickness mm</b> <b>l mm</b>
		<b>2964066</b> 2180 3    3-35    0,7-2,5    160    0,365
		<b>2964074</b> 2180 4    3-45    0,7-2,5    180    0,390
		<b>2964082</b> 2180 5    6-76    0,7-2,5    245    0,940

<b>E-2180</b> Spare parts		<b>Code</b> <b>No.</b> <b>Designation</b> $\varnothing$ <b>D</b> <b>b</b> $\varnothing$ <b>d</b>
		<b>2964090</b> E-2180 3 A    Cutting wheel for 2180 3, 2180 4    20    4,8    5,1    0,005
		<b>2964104</b> E-2180 5 A    Cutting wheel for 2180 5    20    4,8    6,2    0,005
		<b>2964112</b> E-2180 3 B    Wheel bolt for 2180 3, 2180 4, 2250 3                   0,002
		<b>2964120</b> E-2180 5 B    Wheel bolt for 2180 5, 2270 5                   0,005

## Installation Tools

### 230311

Pipe cutter QUICK AUTOMATIC niro for stainless steel pipes

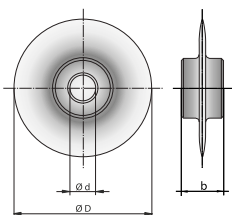


- > Body in pressure-cast zinc
- > Cutting wheel made from high-alloy stainless steel, with high service life
- > With automatic infeed by plate springs

Code	No.	Ø mm	Wall thickness mm	l mm	kg
1154990	230311	4-32	0,7-3,0	165	0,43

### E 2303

Cutting wheel



Code	No.	Designation	Ø D	b	Ø d	kg
1154710	230411	Cut.wheel f.niro tubes for 230311,231011	20	4,8	5,1	0,005
1154656	230611	Wheel bolt for 230010,2131000,230311,231001				0,003

### 2325

Pipe deburring reamer for stainless steel pipes



- > For internal and external deburring
- > Aluminium body
- > Hardened taper section with 40 deburring blades

Code	No.	Ø mm	l mm	kg
1857681	232501	8-35	60	0,18
1419684	232500	10-56	85	0,42

### 232001

Pipe deburring reamer for copper pipes



- > Universal use for hydraulic and precision steel pipes, copper pipes, as well as pipes in non-ferrous metals
- > For internal and external deburring

Code	No.	Ø mm	l mm	kg
1439510	232001	4-32	45	0,03

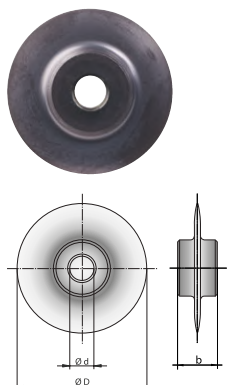
**2250**  
Pipe cutter  
for copper pipes




- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes
- > Cutting wheel changeable without tools
- > With retractable deburring tool, spare cutting wheel in handle

Code	No.	Ø mm	Wall thickness mm	↳ mm ↲	
<b>2964031</b>	2250 3	3-35	0,7-2,0	160	0,37

**E 2250 3 A**  
Cutting wheel



Code	No.	Designation	Ø D	b	Ø d	
<b>2964058</b>	E-2250 3 A	Cutting wheel for 2250 3	20	4,8	5,1	0,005
<b>2964112</b>	E-2180 3 B	Wheel bolt for 2180 3, 2180 4, 2250 3				0,002

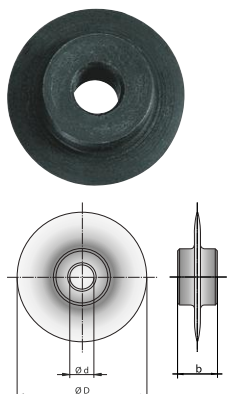
**2300**  
Pipe cutter  
QUICK AUTOMATIC  
for copper pipes




- > Body in pressure-cast zinc
- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes
- > With automatic infeed by plate springs, retractable deburring knife

Code	No.	Ø mm	Wall thickness mm	↳ mm ↲	
<b>4504050</b>	230010	4-32	0,7-3,0	165	0,435
<b>4504130</b>	230020	13-65	1,0-7,3	275	1,460

**E 2300**  
Cutting wheel



Code	No.	Designation	Ø D	b	Ø d	
<b>4504640</b>	230210	Cutting wheel for 230010, 231000	20	4,8	5,1	0,005
<b>4504800</b>	230220	Cutting wheel for 230020	32	9,9	6,1	0,018
<b>1154656</b>	230611	Wheel bolt for 230010, 2131000, 230311, 231001				0,003
<b>1154540</b>	230621	Wheel bolt for 230020				0,003

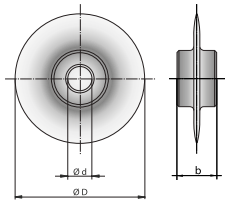
**231000**  
Miniature Pipe Cutter  
MINI-QUICK



- > For use in barely accessible places
- > For copper, brass, and light-alloy pipes, PVC hard plastic and plastic-coated pipes, thin-walled steel pipes, (precision steel and hydraulic pipes), composite pipes

Code	No.	∅ mm	Wall thickness mm	l mm	kg
<b>4504560</b>	231000	4-16	0,7-3,0	50	0,125

**E 2310**  
Cutting wheel



Code	No.	Designation	∅ D	b	∅ d	kg
<b>4504640</b>	230210	Cutting wheel for 230010, 231000	20	4,8	5,1	0,005
<b>1154656</b>	230611	Wheel bolt for 230010,2131000,230311,231001				0,003

**239**  
Calibration tool



- > For exact calibrating of tube ends
- > For semi-hard and soft copper pipes

Code	No.	∅ mm	kg
<b>4506340</b>	239012	12x1	0,067
<b>4506420</b>	239015	15x1	0,138
<b>4506500</b>	239018	18x1	0,179
<b>4506690</b>	239022	22x1	0,270

**2270**  
Pipe cutter  
for plastic and composite pipes

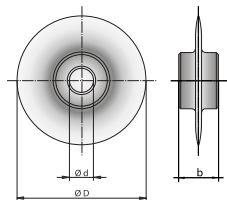


- > To cleanly cut multi-layer composite pipes or other plastic pipes
- > Cutting wheel changeable without tools
- > With retractable deburring tool, spare cutting wheel in handle
- > No. 2270 5 with adjustable third pressure roller for optimum guidance of different pipe dimensions
- > With high-speed adjustment feature

Code	No.	∅ mm	Wall thickness mm	l mm	kg
<b>2964015</b>	2270 5	6-76	1,5-8,6	245	0,93
<b>2963957</b>	2270 6	50-127	4,0-19,8	345	1,73

### E 2270

Cutting wheel



Code	No.	Designation	Ø D	b	Ø d	
<b>2963981</b>	E-2270 6 B	Wheel bolt for 2270 6				0,010
<b>2964023</b>	E-2270 5 A	Cutting wheel for 2270 5	30	4,8	6,2	0,010
<b>2963973</b>	E-2270 6 A	Cutting wheel for 2270 6	51	11	8,1	0,020
<b>2964120</b>	E-2180 5 B	Wheel bolt for 2180 5, 2270 5				0,005

### 226100

Shear set for plastic pipes



- > To cleanly cut hard and soft plastic pipes, rubber hoses with or without textile reinforcement, and as well as various plastic profiled sections, such as cable ducts, for example
- > Contains 2 form blocks for 16, 19 and 25 mm pipes, 1 prism for profiles and 1 angle stop adjustable up to 45°
- > Delivery in plastic case

Code	No.	Contents	Pieces	
<b>1637983</b>	226100	Shear set for plastic pipes	6	1,05

### E 2261

Cutting knife



Code	No.	Designation	
<b>1680137</b>	226005	Spare knife for 226100	0,05

### 2268

Pipe shears for plastic pipes



- > For the clean cutting of PE, PP, PEX, PPR, MSR, CPVC, PVC, PVDF, PB and VPE pipes
- > Can also be used for hoses
- > Smooth and accurate cutting, one hand operation
- > Cutting blades changeable without tools

Code	No.	Ø mm	l mm	
<b>2963841</b>	2268 2	42	245	0,475
<b>2963892</b>	2268 3	63	280	0,650

### E-2268

Cutting knife



Code	No.	Designation	
<b>2963914</b>	E-2268 2 A	Spare knife for 2268 2	0,085
<b>2963930</b>	E-2268 3 A	Spare knife for 2268 3	0,150
<b>2963949</b>	E-2268 B	Spare bolt for 2268 2, 2268 3	0,005



**2330**  
Flaring tool  
"boerdex"



- › For flaring copper and light-alloy pipes of various hardnesses
- › For cooling systems, refrigeration technique
- › Flared cone 90° hardened = 45° bending from the tube
- › With cone for 180° flaring = 90° angle from pipe

Code	No.	Contents	Pieces	
<b>4537300</b>	233001	for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm 1 Flare body No. 233000 1 thrust piece 180° No. 233200 1 clamping jaw 4-14 mm No. 233101	3	1,400
<b>1919725</b>	233009	for metric pipes 15, 16, 17, 18, 19 mm 1 flaring tool No. 233000 1 cone for 180° flaring No. 233200 1 clamping jaw 15-19 mm No. 233109	3	1,205
<b>4554660</b>	233007	for inch pipes 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4" 1 flaring tool No. 233000 1 cone for 180° flaring No. 233200 1 clamping jaw 3/16-3/4" No. 233107	3	1,460
<b>2926741</b>	233013	for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm for inch pipes 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4" 1 Flare body No. 233000 1 thrust piece 180° No. 233200 1 clamping jaw 4-14 mm No. 233101 1 clamping jaw 3/16-3/4" No. 233107	4	2,020
<b>2926768</b>	233014	for metric pipes 4, 4.75, 6, 8, 10, 12, 14, 15, 16, 17, 18, 19 mm 1 flaring tool No. 233000 1 cone for 180° flaring No. 233200 1 clamping jaw 4-14 mm No. 233101 1 clamping jaw 15-19 mm No. 233109	4	1,870

**1101-233301**  
Tool set "boerdex" in  
i-BOXX® 72



- › For flaring copper and light-alloy pipes of various hardnesses
- › For cooling systems, refrigeration technique
- › With pipe cutter 3-35 mm Ø
- › In GEDORE i-BOXX® 72 No. 1101 L

Code	No.	Contents	Pieces	
<b>4555550</b>	1101-233301	for metric tubes 4, 4.75, 6, 8, 10, 12, 14 mm 1 Flare body No. 233000 1 clamping jaw 4-14 mm No. 233101 1 thrust piece 180° No. 233200 1 Pipe cutter 3-35 mm Ø No. 2250 3 1 GEDORE i-BOXX® 72 No. 1101 L	4	2,89

**E 2330**  
Parts



Code	No.	Designation	
<b>4554150</b>	233000	Basic frame	0,660
<b>4554820</b>	233101	Clamping jaw 4-14 mm	0,620
<b>1885162</b>	233109	Clamping jaw 15-19 mm	0,555
<b>4555470</b>	233107	Clamping jaw 3/16" - 3/4"	0,680
<b>4505450</b>	233200	Cone for 180° flaring	0,015


**1101-2340**  
Double flaring tool set  
in i-BOXX® 72

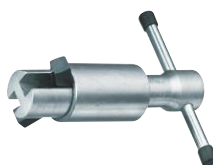


- › For precision flanges according to DIN 74234
- › For brake lines, coolant lines, hydraulic and pneumatic pipes with a wall thickness of 0.7 to 1.0 mm
- › Complete set for metric and/or inch pipes
- › With pipe deburring reamer 4-32 mm Ø and miniature pipe cutter 4-16 mm Ø
- › In GEDORE i-BOXX® 72 No. 1101 L


Code	No.	Contents	Pieces	
<b>4505530</b>	1101-234001	1 basic frame No. 234000 1 clamping jaw metric No. 234101 6 cones 4,75-10 mm No. 234204-234210 2 setting gauges + cones No. 234790 + 234801 1 miniature pipe cutter 4-16 mm Ø No. 231000 1 pipe deburring reamer Ø 4-32 mm No. 232001 1 GEDORE i-BOXX® 72 No. 1101 L	12	2,98
<b>4662980</b>	1101-234013	1 basic frame No. 234000 2 clamping jaws No. 234101 + 234102 6 cones 4,75-10 mm No. 234204-234210 4 cones 3/16-3/8" No. 234303-234306 3 setting gauges + cones No. 234790 + 234801-802 1 miniature pipe cutter 4-16 mm Ø No. 231000 1 pipe deburring reamer Ø 4-32 mm No. 232001 1 GEDORE i-BOXX® 72 No. 1101 L	18	4,20

E 234  
Parts

Code	No.	Designation	
4556440	234000	Basic frame	0,880
4556520	234101	Clamping jaw metric 4,75 - 10 mm	0,760
4556600	234102	Clamping jaw inch 3/16" - 3/8"	0,760
4556790	234204	Cone 4,75 mm for flare types E + F	0,018
4556870	234205	Cone 5 mm for flare types E + F	0,018
4556950	234206	Cone 6 mm for flare types E + F	0,018
4557090	234208	Cone 8 mm for flare types E + F	0,018
4557170	234209	Cone 9 mm for flare types E + F	0,018
4557250	234210	Cone 10 mm for flare types E + F	0,018
4557330	234303	Cone 3/16" for flare types E + F	0,018
4557410	234304	Cone 1/4" for flare types E + F	0,018
4557680	234305	Cone 5/16" for flare types E + F	0,018
4557760	234306	Cone 3/8" for flare types E + F	0,018
4557840	234790	Adjustment gauge	0,016
4557920	234801	Adjustment gauge metric	0,011
4558060	234802	Adjustment gauge inch	0,011

312  
Valve holder venti-quick

- › Made of aluminium
- › Drain valve holder and screw-in wrench for eccentric and standard valves 1.1/4
- › Usable from top or bottom

Code	No.	↳ mm ↲	
4508980	312000	140	0,255


314  
Angle valve socket  
wrench

- › For surface-protective assembling of all usual corner valves
- › With chamfered driving edges
- › With 1/2" female square drive

Code	No.	↳ mm ↲	Inner Ø	
1147471	314000	82	27	0,15


3170  
Installation wrench

- › For washbasin mountings
- › With moveable stud screw insert for bathroom fittings attachment M10 or M12
- › Open-ended spanner SW 17x19 mm for tightening or loosening washbasin fittings and angle valves

Code	No.	for hanger bolts	Size mm	↳ mm ↲	
4509360	317000	M10	17x19	250	0,33
4609310	317012	M12	17x19	250	0,33

3175  
Installation wrench

- › For washbasin mountings
- › With moveable stud screw insert for bathroom fittings attachment M10 or M12
- › With reversible ring ratchet 17 or 19 mm for tightening or loosening wash basin screw connections
- › Open-end spanner 19 mm for tightening or loosening angle valves

Code	No.	for hanger bolts	Size mm	↳ mm ↲	
4509520	317500	M10	17x19	250	0,33
4609580	317512	M12	19x19	250	0,33

## Installation Tools

### 3171 Stud screw wrench



- > For bathroom fittings attachment (stud screws) M6, M8, M10, M12
- > With pivotable thread insert

Code	No.	↳ mm ▶	kg
<b>4509440</b>	317100	220	0,3

### 3173 Stud screw inserter



- > Self-clamping with rotary movement
- > For the fast and easy insertion and removal of studs, bolts, etc.
- > With hexagon drive

Code	No.	Size	kg
<b>1523171</b>	317306	M6	0,13
<b>1523198</b>	317308	M8	0,13
<b>1523201</b>	317310	M10	0,13
<b>1523228</b>	317312	M12	0,13

### 3165 Basin wrench



- > For single lever taps and taps with central screw connection up to size 36 mm
- > With 13 mm hexagon drive and additional adaptors for 9, 10, 11 and 14 mm
- > With pivoted hook for right or left hand operation

Code	No.	↳ mm ▶	kg
<b>2829274</b>	316500	265	0,41

### 320000 Wrench for plumbing fittings



- > With pawl clamp
- > With exchangeable plastic jaws no. 320100, width 8 mm
- > For nickel-plated and chrome-plated fittings

Code	No.	Designation	↳ mm ▶	kg
<b>4509600</b>	320000	Wrench for plumbing fittings	275	0,72
<b>4540520</b>	320100	Set of plastic jaws	50	0,01

### 126008 Strap wrench



- > Very gentle to surfaces, particularly suitable for chrome-plated fittings and polished surfaces
- > Light metal body, blue lacquered
- > With high-strength nylon strap

Code	No.	∅ mm	∅"inch	↳ mm ▶	mm	kg
<b>1468308</b>	126008	220	8"	300	27	0,325

**E 126208**  
Spare belt



- > High-strength nylon strap

Code	No.	↳ mm	mm	kg
<b>1468316</b>	126208	950	27	0,035

**376**  
Step wrench



- > For the installation and removal of valve nipples 3/8", 1/2", 3/4", 1", 1.1/4"
- > Drive via 18 mm square

Code	No.	kg
<b>4541250</b>	376100	0,245

**3785**  
Plumber's wrench



- > With 14 functions for valve extensions 3/8", 1/2", 3/4", 1"
- > Depth up to 100 mm
- > For the installation and removal of radiator valves and runback screwed unions
- > For stud screws M6, M8, M10, M12 and for screw plugs 3/8", 1/2"
- > Hexagon drive 17 mm, 22 mm

Code	No.	↳ mm	kg
<b>4512820</b>	378500	220	0,67

**380**  
Combination stepped key



380200



380100



380150

- > For the installation and removal of radiator valves, runback screwed unions 3/8" - 1" and short tap extensions
- > With pin, hexagon and bi-hexagon nut drive
- > 1/2" square drive

Code	No.	Designation	kg
<b>4512900</b>	380000	Combin. stepped key with ratchet 1/2"	0,555
<b>4630940</b>	380001	Combin. stepped key with ratchet 1/2"	0,555
<b>4513040</b>	380100	Combi. stepped key with 5 steps 3/8"-1"	0,135
<b>4611130</b>	380150	Combi. stepped key with 8 steps 3/8"-1"	0,135
<b>4513120</b>	380200	Ratchet 1/2"	0,420

**3810**  
Radiator valve spanner



- > Spanner for tightening and removing Euro-cone radiator compression fittings with A/F 30 mm cam lock and hex nuts
- > Short, flat version with ratchet
- > Head-side mounting option for 1/2" extension. The extension serves as a handle and at the same time provides a higher torque

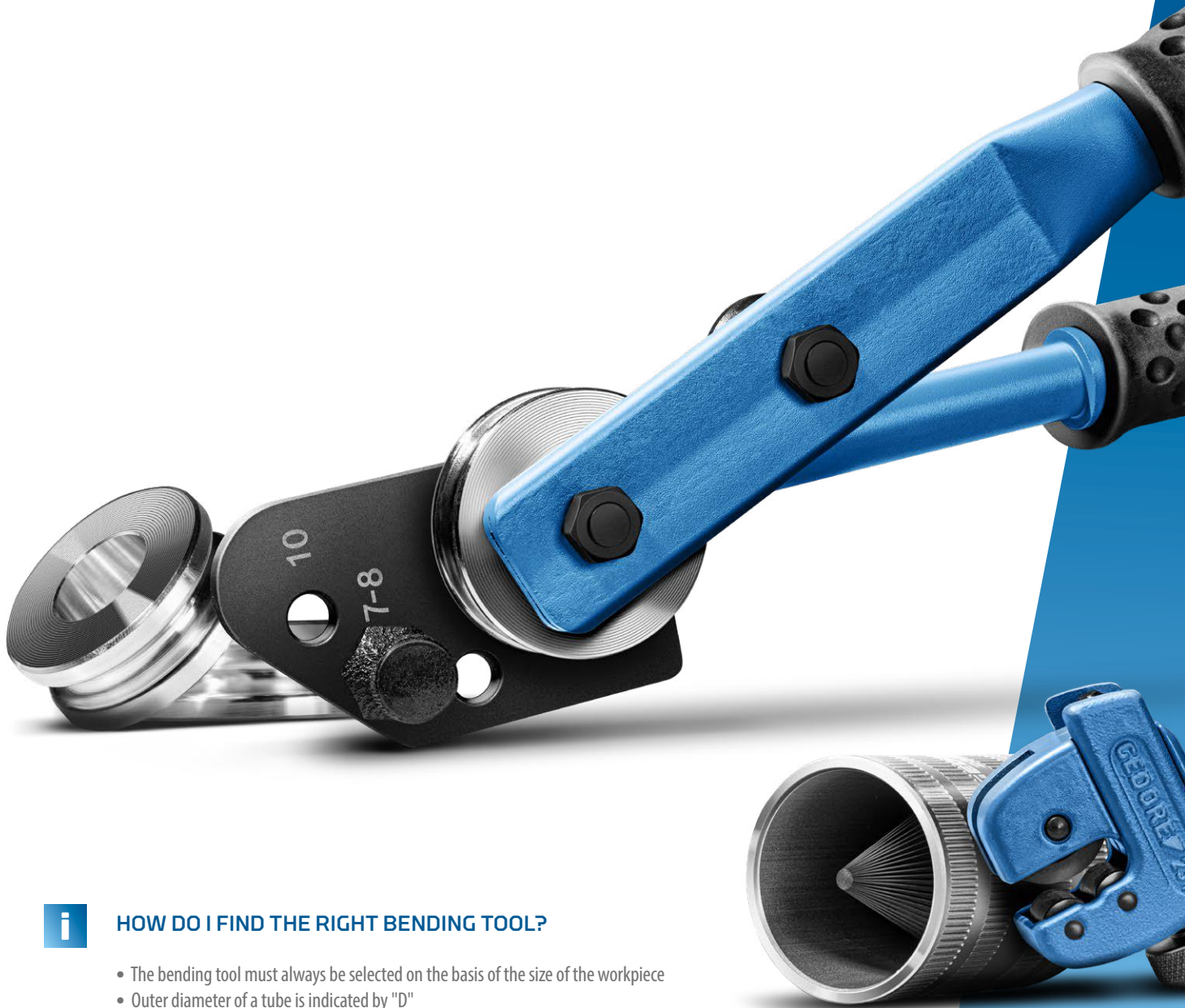
- > Lateral mounting possibility for 1/2" extension for working with the ratchet in front of the radiator
- > Socket for no. 3801 combination stepped key 3/4" radiator valve nipples
- > DBGm (German utility patent)

Code	No.	Designation	kg
<b>2233665</b>	381030	Radiator valve spanner, single	0,225
<b>2233673</b>	381000	Rad. valve spanner set with exten. 125mm	0,390

# BENDING TOOLS

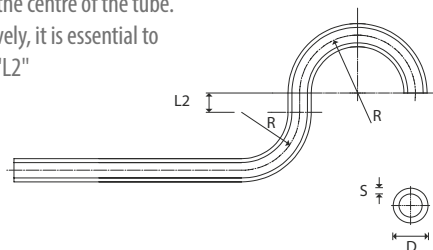
Steel pipes, stainless steel pipes, copper pipes and pipes made of special materials such as non-ferrous metals or composite pipes. Bend forming is an art in itself and accordingly requires not only know-how but also the right tool.

In addition to the shape of the tube to be bent, wall thickness, outside diameter, the quality of the tube as well as the shape of the desired end result are decisive for the choice of tool. GEDORE therefore offers a comprehensive selection of hand tube benders, bending machines and eccentric angle benders. The matching bending tools and accessories are also available. The intelligently put together sets make it easier to choose the right equipment.



## HOW DO I FIND THE RIGHT BENDING TOOL?

- The bending tool must always be selected on the basis of the size of the workpiece
- Outer diameter of a tube is indicated by "D"
- "S" defines the wall thickness of the tube
- Important: always measure the radius to the centre of the tube.
- If several bends are to be made consecutively, it is essential to specify the distance between the bends, "L2"





VERSATILE  
SAFE  
DURABLE

### GEDORE BENDING TOOLS - THAT MAKES THE DIFFERENCE

- Durable quality for continuous professional use
- Material-friendly machining of workpieces
- For a wide range of commercially available tube qualities

CU

CU-ZN

INOX

FE

AL

MT

### BENDING TOOLS PORTFOLIO

- Simple tube benders
- Manual bending tools
- Hand-hydraulically operated tube benders
- Tool sets in practical GEDORE i-BOXX®es
- Eccentric angle benders for flat and solid material
- Individual parts and accessories optionally available