

Special tools and occupational health and safety



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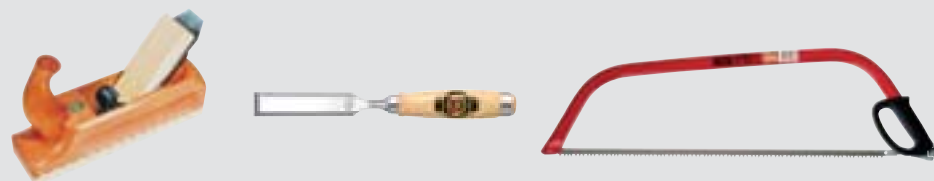
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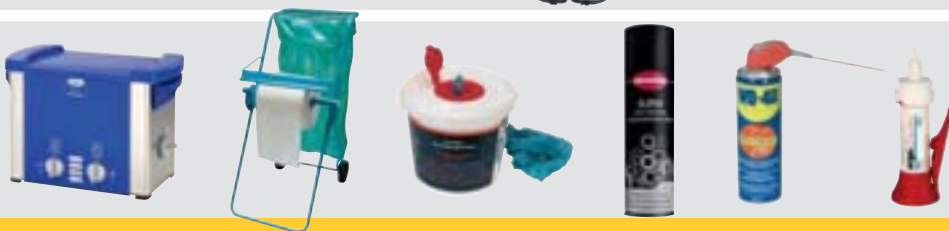
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Our suppliers for catalogue group 6:

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61004 Folding workbenches



Type

Welded construction, large tubular steel frame. Firm stand, even when working with bench vice. Waterproof, glued laminated wooden panel and steel protection on all top edges. Table top thickness 30 mm. Quick-action mounting, without wedges, bolts or screws. Folding for transport purposes. Colour: hammered finish lacquer anthracite grey.



61004



H x W x D	61004 ...
mm	
840 x 1000 x 700	101

61005 Pipe vices

Type

Brace and base made of sturdy malleable cast iron. Jaws made of tempered, alloyed steel 60 HRC. Easy and quick setting, fixed pipe support.

Clamping width	Pipe diameter	61005 ...
inch	mm	
1/8 - 2	10 - 60	201
1/8 - 3	10 - 89	202



61005

61010 Tripod pipe vices

Type

Folding, easily transportable. With hinged drop-forged pipe vice for pipes up to 2 inch (capacity 60 mm) and tool tray. With bending slots for pipes 1/2 inch / 3/4 inch / 1 inch / 1 1/4 inch / 1 1/2 inch in the bending plate (pipes up to 1 inch cold-bend, above 1 inch warm-bend).

Weight	61010 ...
approx. kg	
23	201



61010

61030 Pipe wrenches Mastergrip

Type

Ergonomically-shaped handle made of special malleable cast iron, lower jaw recessed in the housing. Quick and easy one-hand operation. Direct, safe and sturdy pipe handle.

Capacity	Overall length	61030 ...
inch	mm	
1/4 - 1 1/2	250	101
1/2 - 2	350	102



61030 101



61030 102

• Pipe tongs • Fitting wrench • Plier tongs

61031 One-hand pipe wrenches

Type
Straight, handle made of ductile cast iron, replaceable jaws made of alloyed tool steel. Easily adjustable due to markings on the upper side of the hook

jaw. Ratchet-like operation thanks to floating, spring-loaded hook jaws. Adjusted by knurled nut.

Application
For heavy-duty plumbing work.



Size Ø inch	clamping width mm	Overall length mm	Weight approx. kg	61031 ...
1 1/2	48	250	0,8	201
2	60	350	1,6	202
3	89	600	4,4	203

61035 Lightweight chain pipe wrench

Type
Double T-handle and grip jaw made of one piece of drop-forged steel. Fully tempered, serration hardened, blue stove enamel-coating, chain with pin 450 mm long.

Quality
Chrome-vanadium steel 31 Cr V3.

Application
Perfect for use in hard-to-reach places. Ratchet-like operation is possible.

61035 102 Spare chain
Up to 4 inch, for chain pipe wrench 61035 101.



Size Ø inch	Overall length mm	Weight approx. kg	61035 ...
3/8 - 4	300	0,82	101
Spare chain	-	-	102

61038 Chain pipe wrench

Type
Special tool steel. American model, with double-ended jaws. Drop-forged body, solid tubular steel handle, stable, tempered steel chain, lacquered surface. Construction and size allows maximum leverage effect. The double-ended jaws are replaceable.

61038 202 Spare chain
Up to 8 inch, for chain pipe wrench 61038 201.



for pipes up to Ø inch	chain length mm	Overall length mm	Weight approx. kg	61038 ...
1 1/2 - 8	1000	1275	13,5	201
Spare chain	-	-	-	202



61041 - 61044 Strap pipe wrenches (strap wrenches)

Type
Made of high-strength steel.

Application
For clamping round parts, particularly plastics and parts with chrome-plated, polished surface (pipes). The ideal strap wrench for plumbing.

61043 RIDGID Type
Double T-handle, wear-resistant and non-slip nylon strap, lacquered surface.

61041 101 Type
Glossy nickel-plated, wear-resistant and non-slip fabric tape, handle plastic-coated.

61044 101 Type
Chrome-plated, with non-slip fabric tape.



Clamping width max. Ø mm	Holder length mm	Belt length mm	Belt width mm	61041 ...	61043 ...	61044 ...
160	230	730	23	101		
Spare belt	-	730	23	102		
90	300	425	12		101	
90	300	425	30		102	
135	300	760	30		103	
175	450	750	45		104	
280	280	1000	25			101
Spare belt	-	1000	25			102





61051

Adjustable pipe tongs

Type nut adjustment, reinforced jaws, surface black powdered.

For pipes up to Ø inch	Clamping width mm	Overall length mm	61051 ...
1 1/4	33	175	201
1 1/2	40	225	202
2 1/2	70	315	203



61051

61055

Fitting wrench



Type Chrome-vanadium steel, with quick-adjustment and clamping lever. Jaw angle 45°, plier parts made

of steel, bright-galvanised, lacquered clamping lever. High clamping force thanks to lever-action. With exchangeable plastic jaws caps (polyamide).

Length mm	Clamping width mm	Clamping depth mm	Weight approx. kg	61055 ...
275	65	45	0,6	101



61055

56855

Plier tongs



Type With slip joint. Parallel guided, flat jaws, tight surface pressing. Quick adjustment at the press of a button right on the workpiece. 10x force transmission - high clamping force. Head nickel-plated.

Application For gripping, holding, pressing and bending workpieces. Multi purpose use, e.g. in industry, sanitary, automotive workshops, etc. Lifting between grip jaws allows quick tight and release of screw fittings using the ratchet system.

Quality Chrom-vanadium steel, oil-hardened.

56855 100-103
Type Plastic-coated handles.

56855 200-202
Type Handles with bicolour multi-component grips.

56855 302
Type With scale for setting the jaw opening away from the workpiece. Antislip handles immersion-insulated, Individually tested in compliance with VDE DIN EN 60900.



Length mm	application range up to size mm	application range up to size inch	56855 ...
150	27	1.	100 NEU
180	35	1.3/8	101
250	46	1.3/4	102
300	60	2.3/8	103
150	27	1.	200 NEU
180	35	1.3/8	201
250	46	1.3/4	202
VDE 250	46	1.3/4	302



56855 100



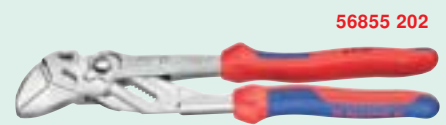
56855 101-103



56855 200



56855 201



56855 202



56855 302

61057 - 61058

Quick-action armature wrenches -Fixo-spann®-



Type Chromium-manganese steel, hardened and nickel-plated, with quick-adjustment and clamping lever. Jaw angle 45°, with exchangeable brass jaw caps. High clamping force thanks to lever-action.

61058
Spare brass jaw caps
With clamping sleeves PR50, pairs.

Length mm	clamping width mm	clamping depth mm	Weight ca. kg	Wrench 61057 ...	Spare jaws 61058 ...
290	65	45	0,79	101	101



61057



61058



• Quick-action pipe wrench • Special tongs and wrenches

61059 Quick-action pipe wrench



Type
 Chrome-vanadium steel. **With quick-locking adjustment** and clamping lever, jaw angle 90°,

smooth jaws (not suitable for use as protection jaws). Plier parts bright-galvanised, clamping lever lacquered. High clamping force thanks to lever-action, can be used as a spanner as well.

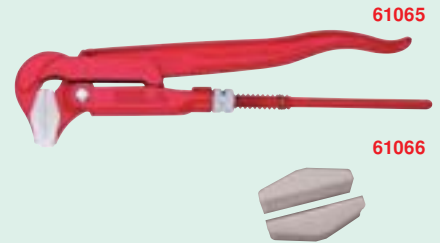


Length mm	Clamping width mm	Clamping depth mm	Weight ca. kg	61059 ...
260	75	45	0,68	101

61065 - 61066 Fitting wrench

Type
 Chrome-vanadium steel, red lacquered. Jaw angle 90°, with unlosable setting nut, drop-forged, jaws smooth ground. With stackable plastic jaw caps made of polyamide, with safety pin.

61066 Spare plastic jaw caps
 made of polyamide, with safety pin, pairs.



Length mm	Clamping width mm	Weight approx. kg	Pliers		Spare jaws	
			61065 ...	61066 ...	61066
315	0-42	0,7	201	201	201	201

61071 Syphon pliers (pipe gripping pliers)

Type
 Chrome-vanadium steel with Titacrom surface, with laid-on slip joint, 4-x adjustable up to 62

mm, jaws with adjustable plastic jaws, handles plastic dip-coated.



Length mm	Clamping width mm	Weight approx. kg	61071 ...
250	62	0,3	201

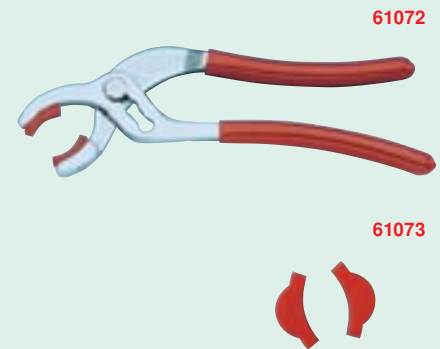
61072 - 61073 Syphon pliers (pipe gripping pliers)



Type
 Chrome-vanadium steel, with 3-stage slip joint, with replaceable, smooth plastic jaws, narrow jaws 47 x 10 mm, surface chrome-plated and polished, PVC-coated handles.

Application
 Special pipe tong for use on sensitive and difficult-to-reach cylindrical parts like screw rings, tubes, lights (smallest opening: 15 mm).

61073 Spare plastic jaws
 Pairs.



Length mm	Clamping width mm	Weight approx. kg	Pliers		Spare jaws	
			61072 ...	61073 ...	61073
230	55	0,3	101	101	101	101

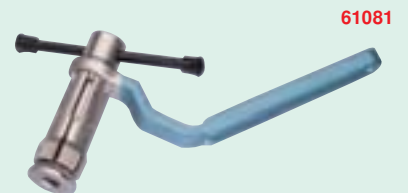
61081 Valve holders venti-grip®



Type
 With offset handle and expanding spring basket. Expanding sleeve with clamping nuts. Steel, matt nickel-plated.

Lacquered holding and T-handle. Will not damage or deform the valve connection piece.

Application
 For valve pieces 1 1/4 inch - 1 3/4 inch. For gripping the valves in wash basins, bathtubs, and kitchen sinks.



Valve pieces from - inch	61081 ...
1 1/4 - 1 3/4	101

61085 Basin wrench

Type
 Forged from chrome-vanadium steel. Very robust with swivelling T-handle, epoxide-powder coated. Steel claw **reversible for right-hand and left-hand action (locking)**. Suitable for nuts of size 15 - 32 mm. Weight 495 g.

Application
 The standard tool for every plumber's tool box.



Length mm	61085 ...
240	101



61086

Telescopic basin wrenches

Type

Chromised, with swivellable clamp for counterclockwise/clockwise use.
4-x adjustable thanks to ball latching mechanism.
Suitable for nuts of size

10 - 32 mm, weight 700 g.

61086



Pipe length mm	61086 ...
250 - 425	101

61090

Sanitary wrench- (express wrenches)

Type

Chrome-vanadium steel.
Double-ended wrench with centre piece for bolts.

Application

An assembly tool for plumbing work, also for express and/or stud bolts for basin fittings etc.

61090



Wrench size of the wrench ends mm	internal thread for pin screws	overall length mm	61090 ...
17 x 19	M 10	210	101

61093

Sanitary spider wrench-

Type

Special tool steel. With 4 differently sized outer hexagons, for screwing in valve extensions in compliance with DIN 3523 (3/8 / 1/2 / 3/4 / 1 inch) and on 3 ends with internal threads for screwing in stud bolts M8 / M10 / M12, lackiert.

61093



Size mm	61093 ...
200 x 200	102

61100

Sanitary mounting kit



Type

12-part set consists of:

1 double round nose water pump nut wrench,
1 square piece 1/2 inch, 3 socket wrench bit (10 mm, 11 mm, 14 mm), 1 jaw insert for toilet seat mountings, 1 adapter with through hole for socket wrench bits 1/2 inch, 1 hexagonal extension (90 mm), 1 miniature pipe cutter 4 - 16 mm, 1 pipe milling cutter 4 - 38 mm, 1 installation wrench,
1 ratchet 1/2 inch, in sheet steel box.

Application

With the standard tools for mounting faucets of all brands, angle valves, wash basins, pin screws, water connections, toilet seats etc.

61100



	61100 ...
	101

61102

Step wrenches (radiator valve wrenches)

Universal-Step wrenches-set

Type

Forged steel, stepped shape. With ratchet and step wrench. Reversible ratchet 275 mm long, step wrench 87 mm long, with 1/2 inch square drive and 4 increments 3/8, 1/2, 3/4, 1 inch (fits nipples with toes and for nipples with inner hexagon).

Application

For fitting works on radiator valves and backflow fittings.

61102



	61102 ...
	101

• Special tongs • Pipe cutter

61121

Weld flanging tools

ALARM

Type

Jaw angle up to 180°. **5-x adjustable** thanks to spring-loaded pressure bolts. Surface: blackened jaws, lacquered handle. Slot width 6 mm (for material thickness up to 4mm).

Application

For plumbers and heating contractors, for beading pipe connection pieces.

61121



Overall length	61121	...
mm		
300		101

61125

Inside pliers

ALARM

Type

Made of malleable cast iron, spring loaded. Self-

locking jaws. Tapered mouth, diameter 6 - 36 mm, length 60 mm, lacquered.

Application

For copper pipes.

61125



For pipes	Weight	Overall length	61125	...
mm	approx. kg	mm		
12 - 28	0,6	230		101

61150 - 61151

Steel pipe cutters

61150

Steel pipe cutters

Type

High-grade, break-proof, white malleable cast iron GTW 40 body, with 1 cutting wheel for steel and 2 rollers.

Application

For cutting off pipes exactly perpendicularly, low level of burr formation.

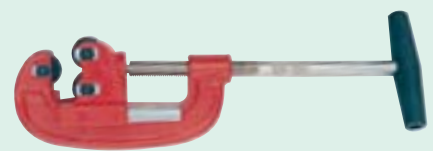
61151

Cutting wheel for tubular steel.

Note:

Cutting wheel for cast iron pipes available on request.

61150



61151



Size inch	for pipes Ø inch	from - to Ø mm	cutting wheel Ø mm	Weight approx. kg	Cutter		Cutting wheel	
					61150	...	61151	...
2	1/8 - 2	3 - 50	32	2,2	101		101	
4	1 1/4 - 4	30 - 100	40	5,0	202	NEU	202	NEU

61165 - 61166

Telescopic pipe cutter INOX

Type

Handle made of metal, 4 guiding rollers, spare cutting wheel in handle. Exact telescopic guiding system. Easy and quick adjustment of working range. With integrated burr reamer for pipes made of V2A-steel.

Pipe cutter Spare cutting wheel

For pipes	61165	...	61166	...
mm/inch				
3-42 / 1/8 - 1 5/8		101		101

61165



61166



61170 - 61171

Standard pipe cutters

Type

Body made of die-cast zinc, cutting diameter adjustable by easy turning spindle, cutting wheels made of chrome-alloyed stainless steel.

With 1 cutting wheel and 2 guiding rollers.

Application

For cutting copper, brass, aluminium and thin-walled steel pipes.

61170

Standard model

With fold-away burr reamer.

61171

Model Quick

With automatic feed by spring washers, with fold-away burr reamer.

61170



61171



Note:

Spare cutting wheels see cat.-no. 61180.

For pipes mm	Cutting wheel Ø mm	Length mm	Weight kg	Size mm	Standard		Quick	
					61170	...	61171	...
3 - 30	20	175	0,4	35		101		
3 - 38	20	165	0,4	32				101

61172 - 61175 Standard pipe cutters

Type

Body made of die-cast zinc, cutting diameter adjustable by easy turning spindle. Cutting wheels made of chrome-alloy special steel with 1 cutting wheel and 2 guiding rollers.

Application

For cutting copper, brass, aluminium and thin-walled steel pipes.

Note:

Spare cutting wheels see cat.-no. 61180.

61175

Model mini

Type

Turning head hard-chrome plated, special short and handy design.

Application

For cutting pipes in difficult-to-reach areas (small working radius thanks to short construction design).



61172

61172



Model Quick-automatic.

Type

With automatic feed by spring washers, with fold-away burr reamer, plus spare cutting wheels in handle.



61175

For pipes mm	Cutting wheel Ø mm	Length mm	Weight kg	Size mm	Quick-automatic		mini	
					61172	...	61175	...
4 - 32	20	165	0,4	32	101			
3 - 16	20	48	0,1	16				101

61180 Spare cutting wheels for mini pipe cutters

for cat.-no.	cutting wheel Ø mm	61180	...
61170 + 61175	20 x 4,8 x 3,0		201
61171	20 x 4,9 x 5,8		202
61172	20 x 4,8 x 5,1		203

61180



61185 - 61186 Plastic pipe cutters

Type

Light-metal cast iron frame, plastic-powder-coated with quick-adjustment and spindle fine adjustment device. With rollers in frame and 1 special cutting wheel for plastics mounted on spindle axis. Opening the cutter by pressing the release knob. Quick adjustment by sliding the handle to forward direction.

Application

This pipe cutter was especially developed for cutting plastic pipes. The design enables the pipe to be cut quickly and perpendicularly.

Note:

The frame includes a fold-away burr reamer.

61186

Spare cutting wheel



61185



61186

Pipe Ø from - to mm	Cutting wheel Ø mm	No. of wheels	Length mm	Cutter		E-cutting wheel	
				61185	...	61186	...
6 - 75	40	4	245	101			101

61187 Tube cutter FIFFI

ALARM

Type

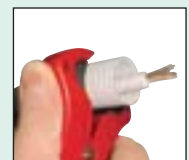
High-strength plastics with 2 replaceable cutting inserts.

Application

For cutting off and length setting plastic pipes at plumbing, heating and electric installation works. Safe cutting of outside diameters, without damaging the inside pipe.

For pipes up to Ø mm	61187	...
42		101

61187



• Machines and tools for machining pipes

61188

Plastic pipe cutters

Type

Pistol type with 1 cutting blade. Housing made of diecast aluminium housing. The flexible handle moves the cutting blade forward stepwise on a toothed bar. Returns blade back to its origin position automatically by pushing the return button.

Application

This handy pipe cutter cuts PVC-pipes, synthetic resin bond pipes, water hoses etc. The pipe cutter needs to be set in perpendicular position onto the pipe. Clean cutting of pipe by operating the hand lever.

61188



For pipes up to Ø mm	61188 ...
38	101

61191

Plastic pipe shears

Type

Shear housing made of aluminium, powder-coated, chrome-molybdenum spare blade, replaceable. With ratchet transmission system.

61191 103

Spare blades.

Application

For perpendicular and burr-free cutting of PE, PP and PVDF pipes.

61191 102



For pipes Ø mm	61191 ...
0 - 42	102
Spare blades	103



61191 103

61205

Pipe reamer bits

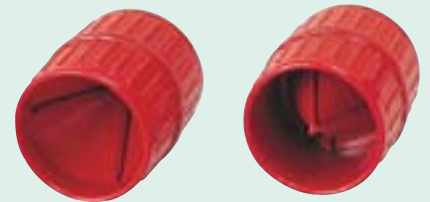
Type

Plastic-coated with 3 reamer blades.

Application

For pipes 4 - 36 mm, Ø x length 50 x 58 mm. One side for inside deburring, one side for outside deburring. For deburring copper, brass, aluminium and thin-walled steel pipes.

61205



Size mm	For pipes Ø mm	61205 ...
50	4 - 36	101

61206

Pipe reamer bits

Type

Polished aluminium body.

Application

For pipes made of copper, steel, stainless steel, and plastics.

61206



For pipes Ø mm	61206 ...
10 - 54	101

61210

Steel pipe reamers

Type

Chrome alloy steel. A tapered reamer head with 6-cutting edges, mounted on a grip-safe plastic handle.

Application

For inside pipe deburring or for widening boreholes.

61210



Size mm	Overall length mm	cutting edge length mm	smallest Ø mm	largest Ø mm	61210 ...
10 - 34	150	36	8	33	101

61250

Pipe bending tongs



Type

Two-hand bending tong with replaceable bending sections. With plastic handles on levers, small type, only 260 mm long. **6-part:** basic tool, bending lever and 4 bending formers, for pipes 3-4/5-6/7-8 and 10 mm.

Application

Bends pipes up to 180°. An ideal tool for every assembly tool box. Also suitable for use in a bench vice.

61250 101

Type

Bending formers made of steel.

Application

For all pipes, even precision steel pipes (hydraulic pipes).

61250 102

Type

Bending formers made of aluminium.

Application

For precision steel pipes (hydraulic pipes), also for flexible stainless steel pipes with a wall thickness from 1,0 and 1,2 mm.

61250 101



61250 102

Application for pipes made of	for pipes Ø mm	Length mm	61250 ...
precision steel	3-10	260	101
Stainless steel / precision steel	3-10	260	102

61255

Pipe bending tongs

RIDGID

Type

Two-hand pipe bending tongs with inbuilt bending section. Malleable cast iron handles, lacquered, with plastic grip sleeves. Bending and holder section made of steel, galvanised, with angle on the bending section and a special scale on the bending lever to determine the desired bending angle.

Application

A manual pipe bending tong for light and exact bending of copper, aluminium, steel and special steel pipes. The tool can be used in a bench vice as well.

61255



For pipes Ø mm	Radius mm	Overall length mm	Weight approx. kg	61255 ...
6	16	250	0,7	101
8	24	350	1,2	102
10	24	350	1,2	103
12	38	450	2,5	104

61257

Pipe bending tongs

virax

Type

Two-hand pipe bending tongs with inbuilt bending section. Bending handle with lever made of drop-forged steel. Solid round steel handle, galvanised surface. Bending section, clamping hook and handle

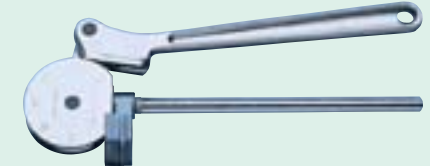
are firmly connected to each other in one piece.

With large scale on bending section.

Application

For bending soft copper pipes and thin-walled aluminium, steel and stainless steel pipes.

61257



For pipes Ø mm	Radius mm	Overall length mm	Weight approx. kg	61257 ...
10	23	250	0,8	101
12	30	270	1,2	102
15	42	350	2,0	103
18	55	380	3,0	104

61260

Set of one-hand pipe benders

ROLLER

Type

Robust single-hand pipe bender with mechanical feed. Multi-purpose use, handy, only 1,3 kg. Quick work process thanks to easy feed and quick-return action.

Roller's Polo set consists of: bending drive, 1 ea. bending former 10/12/15/18/22 mm, 1 multi-purpose section holder, in sheet steel box.

Application

For bending soft copper pipes Ø 10-22 mm, soft sheathed copper pipes (even thin-walled pipes in compliance with EN 1057), soft steel pipes Ø 10-18 mm, wall thickness up to 1 mm, connecting pipes of pressfitting systems Ø 14-26 mm.

61260



Bending former Ø mm	61260 ...
10 / 12 / 15 / 18 / 22	101

• Pipe benders • Expander • Pipe cleaners

61264

Set of hand-operated hydraulic pipe benders



Type

Body and bending formers made of steel. Fine adjustment by spindle, hydraulic feed by toothed bar. The pump is equipped with a safety valve. Can be used without bench vice.

Set contents:

Bending tool with pump, 60 kN pressure force, 5 bending formers for pipe Ø 12 / 15 / 18 / 22 / 28 mm, with work stand. In box.

Application

Bends pipes up to 180°. Shapes copper pipes semi-hard and soft DIN-EN 1057, VA-steel, hydraulic and soft steel pipes up to Ø 28 mm. wall thickness max. 2 mm (VA-steel 1,5 mm). Gas and water pipes DIN 2440 up to 3/4 inch. Wall thickness max. 2,65mm, connecting pipes up to 26 mm Ø.



61264

Pipe Ø mm	Weight approx. kg	61264 ...
12 / 15 / 18 / 22 / 28	57	201

61272

Expander sets

Type

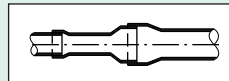
Forged steel, surface chrome-plated, with black plastic handles. The expander plier is supplied with 4 exchangeable expander heads made of stainless steel for copper pipes 12 / 15 / 18 / 22 mm, in sheet metal carrying box.

Application

For expanding of soft copper, soft and stainless steel pipes with a Ø of 10-22 mm and a maximum wall thickness of 1,2 mm. For manufacturing sleeves and reduction inserts on pipes, post-calibration of squashed copper pipes and solder fittings.

Note:

Further expander heads with sizes 10, 14, 16 mm available on request.



Length mm	Weight approx. kg	61272 ...
370	3,3	101



61272

61275

Set of double lap flaring tools



Type

12-part in sheet steel box. Basic body made of malleable cast iron, blue enamelled. Phosphated steel jaws, flare pieces, spreader cones, and spindle screws made of burnished steel.

Set contents:

Basic body, clamping jaw, 6 spreader cones, single for E and F flares DIN 74234, (4,75/5,0/6,0/8,0/9,0/10,0 mm), 90° flare and spreader cone for flares D and E, flare (setting gauge) for flares E and F and spreader cone for 180°, micro pipe cutter, pipe milling cutter, in sheet steel case.

Application

For producing E and F double lap flares in compliance with DIN 74234 and D single lap flares, 90° flares for copper pipes and 180° flares on piping, hydraulic and pneumatic piping, coolant piping etc.

For metric pipes 4,75/5,0/

6,0/8,0/9,0/10,0 mm.

Can be used with bench vice.

Note:

(1) = 180°,

(2) = Flare D, 90°,

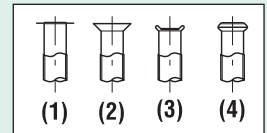
(3) = Double flare E,

(4) = Open flare F.

Contents	61275 ...
12-part	101



61275



www.atorn.com



Performance requires quality.

Multiple clamps by ATORN:

- high-strength materials
- quick and exact clamping of multiple workpieces
- highest clamping force

This is but one example of ATORN's high-quality clamping tools.



61301

Set of tap seat reamers

Type

In metal box with 5 valve seat cutters 3/8 / 1/4 / 1/2 / 3/4 / 1 inch. Tap seat reamer with brass body, spindle made of steel, flat cutters made of special tool steel. Threaded mount with differently sized mounting threads for screwing into different sized water taps (3/8 - 1 inch). Hand wheel operation, cutting pressure with spring and depth control. The milling cutters are replaceable.

Application

For reseating leaky valve seats.

61301



for pipe size	61301	...
Zoll		
3/8 - 1		101

61315

Sink plungers

Type

Suction cup made of red rubber with screwed-in, 410 mm long, wooden handle.

61315



Diameter	61315	...
mm		
130		101

61322

Plumber's snakes

Type

For pipes with an inside diameter of 24-100 mm, spirals 9 mm. With crank and claw, spirals are galvanised, handle black.

61322



Snake Ø	length	61322	...
mm	m		
9	5		201
9	10		202

61331

Pipe cleaning device

Type

With 7,5 m long high-power snake in plastic drum housing. Can be opened on back side for cleaning the snake. Only the working length of the snake will be pulled out, rest of length remains in drum. Spiral snake with adjustable head and clamping chuck for clockwise and anticlockwise rotation, all parts corrosion-resistant.

Application

For manual operation and drilling machines.

61331



Snake length	for pipes	Snake Ø	61331	...
m	from/to inch	mm		
7,50	1 - 2	8		101

61334

Pump-action pipe cleaners

Type

With short and long adapter. Adapter for toilet and washbasin.

Application

Can be used as vacuum and pressure cleaner.

61334



	61334	...
		101

• Pipe cleaners • Sealing • Flax • Cutting tools

61351

Hydraulic test pumps

Type

Manually operated test pump with 12 ltr. tank. Hot-galvanised sheet-steel tank, red lacquered. Dimensions 500 x 190 x 140 mm with flexible compression hose 1/2 inch - 0,50 m long. Pressure gauge 0 - 50 bar. Shut-off system with 2 valves.

Application

For hydraulic pressure tests of water and oil pipes up to a max. of 50 bar.

Connection inch	Tank Contents ltr.	Weight approx. kg	61351	...
1/2	12	7		101



61351

61355 - 61356

Hydraulic test pumps

Type

Test pumps with hot-galvanised sheet-steel tank, pump body made of cast iron, plunger (piston) and pressure valve made of brass, upstroke valve made of brass. Pump with pressure gauge and oval galvanised container with drain valve, compression hose 3 m.

Application

For hydraulic pressure tests of water and oil pipes.

Note:

Motor-driven test pumps available on request.

61355 202

Type 500, operating pressure up to 200 bar, with 2-x piston.

Application

For testing parts for which a larger volume is pre-filled.

61356

Pressure hose

Pressure hose with steel-structure inlet.

Length 3 m for type 500, operating pressure up to 1000 bar, on both sides with screw connectors G3/8 inch A

61355 201

Type 220, operating pressure up to 100 bar, with single piston.

Application

For testing parts with smaller volumes.

Type	Operating pressure bar	Plunger Ø mm	Tank contents ltr.	Weight approx. kg	Testing pump		Hose	
					61355	...	61356	...
220	100	22	30	14	201			
500	200	50/16	30	18	202		102	



61355

61381

Sealing tape

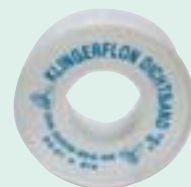
Type

PTFE-sealing tape made of high-grade plastics.

Application

For pipe fittings. Resistant to almost all chemicals. Sealant for liquids, steam and gases, approved in accordance with DIN-DVGW, therefore useable for general gas sealings.

Width mm	Thickness mm	Length m	61381	...
12	0,1	12		201



61381

61385

Sealing paste

Type

Sealing paste PARALIQ® PM 35.

Application

For gas, air, and water installations up to 130°. Approved by DVGW/SVGW/ÖVGW in compliance with DIN EN 751, part 2 (DIN 30660) in home pipings, especially for drinking water pipings. To be used with flax.

Contents g	61385	...
600		101



61385

61390

Flax

Type

Approx. 5 mm wide, for all pipe fittings.

Weight g	Size Ø mm	61390	...
80	43 x 95		301



61390



61501

Set of manual ratchet pipe thread cutters ROLLER'S CENTRAL

ROLLER

Type

Well-used, robust ratchet pipe thread cutter. Particularly slim shape for working in very narrow areas. Easy and quick exchange of cutting heads. Secure locking of cutting heads in ratchet lever. Ratchet lever 3/8 inch - 1 1/4 inch (up to 2 inch additional with ratchet lever 1 1/2 inch - 2 inch),

1 right-hand cutting head for each thread diameter ISO 7-1 (DIN 2999).

In sheet steel box.

Quality

Chasers made of strength-hardened, special hardened steel.

61501



Type	1 ea. quick-change cutting head inch	61501	...
Set R 3/8 - 1 1/4	R 3/8 / 1/2 / 3/4 / 1 / 1 1/4		101
Set R 1/2 - 1 1/4	R 1/2 / 3/4 / 1 / 1 1/4		102
Set R 3/8 - 2	R 3/8 / 1/2 / 3/4 / 1 / 1 1/4 / 1 1/2 / 2		103
Set R 1/2 - 2	R 1/2 / 3/4 / 1 / 1 1/4 / 1 1/2 / 2		104

61502

Ratchet levers

ROLLER

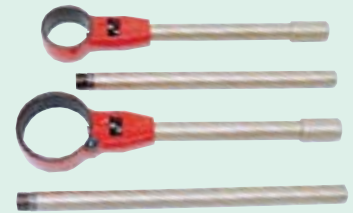
Type

Ratchet lever for ratchet pipe thread cutters ROLLER'S CENTRAL. Particularly slim shape. With two-section pipe arm for shorter ratchet travel. Unique locking system of cutting head, therefore secure seat during start-up cutting.

Application

For use of quick-change cutting heads type ROLLER'S CENTRAL and ROLA.

61502



for cutting heads inch	mount Ø in mm	61502	...
R 1/8 - 1 1/4	63		101
R 1 1/2 - 2	90		102

61510

Set of electric ratchet pipe thread cutters ROLLER'S KING



ROLLER

Type

Handy, compact and powerful electric pipe thread cutter. Multi-purpose use. Even without bench vice. Easy and quick change of cutting heads. Unique locking system of cutting heads in driving machine, therefore secure seat during start-up cutting. Rugged gear drive, special transmission. Sturdy high-power motor 230 V, 1200 W, right-hand and left-hand operation, thermo overload protection and safety-switch. In sheet steel carrying box.

61510 101

ROLLER'S KING 1 1/4 Set C

Type

Driving machine, countersupport, 1 of each quick-change cutting head ROLLER'S Central R 1/2 inch / 3/4 inch - 1 inch / 1 1/4 inch for right-hand pipe thread ISO 7-1 (DIN 2999).

61510 102

61510 102

ROLLER'S KING 2 Set C

Type

Driving machine, countersupport, 1 ea. quick-change cutting head ROLLER'S Central R 1/2 inch 3/4 inch - 1 inch / 1 1/4 inch / 1 1/2 inch / 2 inch for right-hand pipe thread ISO 7-1 (DIN 2999).

Type	1 ea. quick-change cutting head inch	61510	...
ROLLER'S KING 1 1/4 Set C	R 1/2 / 3/4 / 1 / 1 1/4		101
ROLLER'S KING 2 Set C	R 1/2 / 3/4 / 1 / 1 1/4 / 1 1/2 / 2		102



61531

Quick-change cutting head

ROLLER

Type

Proven, rugged quick-change cutting head ROLLER'S CENTRAL. Exactly positioned high-grade chasers with optimal cutting geometry, for super-easy start-up and easy thread cutting. Long pipe guiding for perfect centring of pipe.

Application

For use with ratchet lever ROLLER'S CENTRAL and in electric pipe thread cutter ROLLER'S KING. For right-hand pipe thread ISO 7-1 (DIN 2999).

61531



Size inch	Type	mount Ø mm	61531	...
R 1/4	1 1/4	63		102
R 3/8	1 1/4	63		103
R 1/2	1 1/4	63		104
R 3/4	1 1/4	63		105

Size inch	Type	mount Ø mm	61531	...
R 1	1 1/4	63		106
R 1 1/4	1 1/4	63		107
R 1 1/2	2	90		108
R 2	2	90		109

61540

Chaser sets

ROLLER

Type

High-grade chasers ROLLER'S Central with optimum cutting geometry for super-easy start-up and easy thread cutting. Chasers made of strength-hardened special steel. **Set of 4.**

Application

For use in quick-change cutting head ROLLER'S CENTRAL. For right-hand pipe thread ISO 7-1 (DIN 2999).

61540



Size Zoll	61540	...
R 1/4	102	
R 3/8	103	
R 1/2	104	
R 3/4	105	

Size Zoll	61540	...
R 1	106	
R 1 1/4	107	
R 1 1/2	108	
R 2	109	

61645

Thread cutting lubricant RUBINOL 2000

ROLLER

Type

Mineral-oil-free thread cutting lubricant, with high lubricating and coolant effect. Completely water-soluble, red coloured for washing control. Tested in compliance with directives DVGW, ÖVGW, SVGW.

Application

For all materials, specially suitable for drinking water pipes.

Note:

Exceptionally suitable as lubricant for metal sawing work. 55 l barrel available on request.



61645 102



61645 104

Description	Contents	61645	...
Sprayer	500 ml	102	
Container	5 ltr.	104	

61650 - 61651

Tapping machine 300 Kompakt



RIDGID

Type

Quick-action chuck with exchangeable profile chasers, cam-controlled centring device. Automatic coolant supply through cutting head, with inbuilt oil and chip tank. Rotational speed of spindle 38 rpm. Rotation switch with inbuilt foot switch, back/forward drive. Motor 1,7 kW, 230 Volt, 25-60 Hz.

Standard accessories:

Cutting head BSPT 1/8 - 2 inch automatic opening. **Chasers** 1/2 - 3/4 inch and 1 - 2 inch BSPT Euro. **Pipe cutter** 1/8 - 2 inch free movable, self-centring with cutting wheel.

Milling cutter 1/8 - 2 inch. 5 ltr. **tapping lubricant.**

61651

Chasers

61650



61651

Capacity pipes inch	bolt	Weight approx. kg	Chasers			
			61650	...	61651	...
1/8 - 2	6 inch - 52 mm	52,0		101		
1/2 - 3/4	BSPT EURO RH	0,6			101	
1 - 2	BSPT EURO RH	0,6			102	

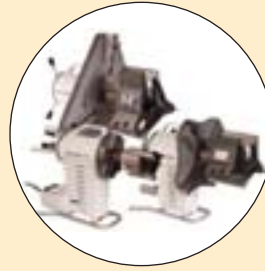


Precision machines and tools for machining pipes



GF, RA
Pipe-cutting and chamfering machine

We are the benchmark: enthusiastic customers all over the world for more than 40 years! The new pipe saw generation with the planet cutting method developed by Orbitalum Tools, now with new and innovative functions and with ergonomic design. Perpendicular, burr and deformation-free cold machining, lightning-quick.
Pipe outside diameter: 12 - 508 mm
Wall thickness: 1 - 15 mm



REB, BRB
Pipe working machines

For the production of highly-precise and reproducible weld groove shapes on pipes. Compact design, tool quick-clamping system QTC®, perpendicular and burr-free, reversible cutting inserts with four and/or two cutting edges and high-performance coating.
Pipe inside diameter: 49 - 500 mm
Pipe outside diameter: 56 - 508 mm
Wall thickness: 3 - 22 mm



Consumables
Saw blades, milling cutters, lubricants

Specifically developed for the pipe saws of Orbitalum Tools to fulfill the highest demands and guarantee longest service life.



RPG
Pipe planing machines

For perpendicular and burr-free planing of thin-walled stainless steel pipes and micro fittings. Creates a plane surface on the pipe with a very high surface quality. Burr-free and perpendicular, quick-exchange system for tools, clamping accessories and pipes, reversible insert with two cutting edges and high-performance coating.
Pipe outside diameter: 3 - 219,1 mm
Wall thickness: 2 - 3,6 mm



precision. power. simplicity.

61660

Pipe-cutting and chamfering machines GF and RA



Type

Portable machines with single-phase AC motor, 200 - 240 Volt, 50/60 Hz, protection class II, infinitely adjustable electrical rotational speed control with self-start prevention. Inclusive of all necessary accessories.

Application

High-speed cutting off and chamfering of pipes made of high-alloy steel (special steel), low- and unalloyed steel, cast structure materials, non-ferrous metals and plastics in accordance to -Planet Cutting Method-. Perpendicular, burr-free cold machining. The perfect preparation for automatic welding. Robust design with powerful drive. Unrivaled, automatic immersion. Great economy, increased productivity, long tool life.

Note:

Aluminium version available on request.

61660 101

Pipe-cutting and chamfering machine RA 21 S

Type

550 Watt, rotational speed 180 rpm. Incl. of SOLO bench vice.

Application

Especially for cutting off and chamfering solid steel bars and pipes made of thin-walled special steel.

61660 102

Pipe-cutting and chamfering machine GF 4

Type

1800 Watt, rotational speed 65-215 rpm. Incl. of 1 saw blade and 1 pipe lubricant gel.

61660 103

Pipe-cutting and chamfering machine RA 41 Plus

Type

1600 Watt, rotational speed 150-215 rpm. Incl. of 1 saw blade and 1 pipe lubricant gel.

Application

Especially for thin-walled pipes and high-grade chamfers.

61660 101



61660 102



61660 103



Type	Nominal pipe dimensions inch	pipe outside Ø- mm	max. wall thickness mm	pipe inside Ø mm mind.	61660	...
RA 21 S	1/8 - 2	5 - 63	0,5 - 4,5	2		101
GF 4	1/4 - 4	12 - 120	1,0 - 9,0	16		102
RA 41 Plus	1/2 - 4	10 - 120	0,6 - 7,0	4		103

• Pipe-cutting machines accessories • Lubricant • Knife

61665 Pipe feeding device



Type
Suitable for pipe-cutting and chamfering machines
GF 4 and RA 41 Plus (cat.-no. 61660).

Application
For easily and co-axially conveying long and heavy pipes into GF and RA machines. Very robust and sturdy design with powder-coated frame and stainless steel rollers. The saws can be mounted directly onto the assembly plate of the basic unit without using any further special accessories. Adjustable in height.



Working range	Load capacity	L x H x W	61665	...
Pipe Ø mm	kg	mm		
16 325	400	1850 x 1050 x 500		101

61667 Saw blades for pipe-cutting and chamfering machines



61667 101-103
Economy
Application
For low and unalloyed steel, cast materials.

61667 104-112
Performance
Application
For high-alloy steel (stainless steel)

61667 101-103

61667 104-112



Ø mm	for wall thickness mm	61667	...
63	1,2 - 2,0	101	
63	2,0 - 5,5	102	
68	2,5 - 7,0	103	
80	6,0 - 10,0	104	
63	0,6 - 1,2	105	
63	1,2 - 2,5	106	

Ø mm	for wall thickness mm	61667	...
63	2,5 - 5,5	107	
68	1,0 - 2,5	108	
68	1,2 - 2,5	109	
68	2,5 - 7,0	110	
77	2,5 - 7,0	111	
75	6,0 - 10,0	112	

61670 Saw blade/reamer combinations



Type
Set consists of:
saw blade and reamer, titanium-coated.

Application
For simultaneous cutting and chamfering of high-alloyed steel (special steel), low and unalloyed steel and cast materials.

61670 101
Pressfitting saw blade/reamer combination
For pipes of metal-pressfitting systems.

61670 102-103
Weld saw blade/reamer combination

61670 101

61670 102-103



Ø mm	for pipe wall thickness mm	bevel angle °	bevel height mm	bevel angle °	bevel height mm	61670	...
63	1,0 - 2	45/70	0,4/1,0	-	-		101
68	2,5 - 7	30	7,0	-	-		102
68	2,5 - 5	-	-	35	5		103

61675 Saw blade lubricants



61675 101
Saw blade lubricant GF LUB
Application
High-performance lubricant for sawing and milling. Increases the service life of saw blades and milling cutters.

61675 102
Saw blade lubricant GF TOP
Application
Synthetic high-performance lubricant for sawing and milling. Increases the service life of saw blades and milling cutters. In compliance with NSF standard H2.

61675 101

61675 102



	61675	...
Saw blade lubricant GF LUB, 160 ml tube		101
Saw blade lubricant GF TOP, tube, 180 g		102