

ONE
of
6.000

**Premium tools for
professionals!**





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General Purpose Tools

System overview

ROGRIP Pliers

	ROGRIP M 7"	ROGRIP M 10"	ROGRIP F 7"	ROGRIP F 10"	ROGRIP S 7"
Working Area:	Ø 43 mm (1.1/4")	Ø 60 mm (2")	Ø 43 mm (1.1/4")	Ø 60 mm (2")	Ø 43 mm (1.1/4")
Length:	175 mm (7")	240 mm (10")	175 mm (7")	240 mm (10")	175 mm (7")
Weight:	280 g	460 g	280 g	460 g	280 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel
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ROGRIP Pliers

	ROGRIP S 10"	ROGRIP XL	Wapu Typ SP 7"	Wapu Typ SP 10"	Wapu Typ SP 12"
Working Area:	Ø 43 mm (1.1/4")	Ø 102 mm (3.1/2")	Ø 34 mm (1")	Ø 43 mm (1.1/4")	Ø 48 mm (1.1/2")
Length:	175 mm (7")	440 mm (16")	175 mm (7")	250 mm (10")	300 mm (12")
Weight:	280 g	1.400 g	150 g	290 g	460 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel
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Water Pump Pliers

Water Pump Pliers

	Wapu Typ SPK 7"	Wapu Typ SPK 10"	Wapu Typ SPK 12"	Corner Pipe Wrench 45° "Super S", 10"	Corner Pipe Wrench 45° "Super S", 12"
Working Area:	z	Ø 48 mm (1.1/2")	Ø 22 mm (1/2")	Ø 34 mm (1")	
Length:	175 mm (7")	250 mm (10")	300 (12")	250 mm (10")	300 mm (12")
Weight:	165 g	315 g	475 g	400 g	810 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel
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Corner Pipe Wrenches

Corner Pipe Wrenches / Corner Pipe Wrenches 45°

Corner Pipe Wrench 45°
"Super S", 16"



Corner Pipe Wrench 45°
"Super S", 20"



Corner Pipe Wrench 45°
"Super S", 24"



Corner Pipe Wrench 45°, 10"



Corner Pipe Wrench 45°, 12"



Working Area:	Ø 48 mm (1.1/2")	Ø 60 mm (2")	Ø 89 mm (3")	Ø 22 mm (1/2")	Ø 34 mm (1")
Length:	420 mm (16")	540 mm (20")	640 mm (24")	250 mm (10")	300 mm (12")
Weight:	1.440 g	2.440 g	3.400 g	370 g	740 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel

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Corner Pipe Wrenches 45°

Corner Pipe Wrench 45°, 16"



Corner Pipe Wrench 45°, 20"



Pipe Wrenches 90°

Pipe Wrench 90°, 12"



Pipe Wrench 90°, 16"



Pipe Wrench 90°, 20"



Working Area:	Ø 48 mm (1.1/2")	Ø 60 mm (2")	Ø 34 mm (1")	Ø 48 mm (1.1/2")	Ø 60 mm (2")
Length:	420 mm (16")	540 mm (20")	300 (12")	420 mm (16")	540 mm (20")
Weight:	1.340 g	2.400 g	740 g	1.340 g	2.400 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel	Chrome Vanadium Steel

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Pipe Wrenches

Pipe Wrench 90°, 24"



Pipe Wrench 90°, 36"



One-Handed Pipe Wrenches "HEAVY DUTY"

HEAVY DUTY 8"



HEAVY DUTY 10"



HEAVY DUTY 12"



Working Area:	Ø 89 mm (3")	Ø 114 mm (4")	Ø 22mm (1/2")	Ø 48 mm (1.1/2")	Ø 60 mm (2")
Length:	640 mm (24")	750 mm (36")	200 mm (8")	250 mm (10")	300 mm (12")
Weight:	3.400 g	5.600 g	400 g	780 g	1.250 g
Material:	Chrome Vanadium Steel	Chrome Vanadium Steel	Monoblock-Cast Body	Monoblock-Cast Body	Monoblock-Cast Body

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General Purpose Tools

System overview

One-Handed Pipe Wrench "HEAVY DUTY"



Working Area:	Ø 60 mm (2")	Ø 73 mm (2.1/2")	Ø 89mm (3")	Ø 141 mm (5")	Ø 168 mm (6")
Length:	350 mm (14")	450 mm (18")	600 mm (24")	900 mm (36")	1.200 mm (48")
Weight:	1.680 g	2.670 g	4.320 g	7.920 g	15.800 g
Material:	Monoblock Cast Body	Monoblock Cast Body	Monoblock Cast Body	Monoblock Cast Body	Monoblock Cast Body
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One-Handed Pipe Wrench "ALUDUR"



Working Area:	Ø 48 mm (1.1/2")	Ø 60mm (2")	Ø 73 mm (2.1/2")	Ø 89 mm (3")	Ø 141 mm (5")
Length:	250 mm (10")	350 mm (14")	450 mm (18")	600 mm (24")	900 mm (36")
Weight:	480 g	990 g	1.630 g	2.510 g	5.000 g
Material:	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
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One-Handed Pipe Wrench "ALUDUR"



Working Area:	Ø 168 mm (6")	Ø 27 mm (3/4")	Ø 34 mm (1")	Ø 43 mm (1.1/4")	Ø 48 mm (1.1/2")
Lengt:	1.200 mm (48")	200 mm (8")	250 mm (10")	300 mm (12")	350 mm (14")
Weight:	8.420 g	280 g	590 g	790 g	1.040 g
Material:	Aluminium	Steel, drop forged	Steel, drop forged	Steel, drop forged	Steel, drop forged
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One-Handed Pipe Wrench "STILLSON"



Working Area:	Ø 60 mm (2")	Ø 73 mm (2.1/2")	Ø 102 mm (3.1/2")
Length:	450 mm (18")	600 mm (24")	900 mm (36")
Weight:	1.820 g	3.080 g	5.690 g
Material:	Steel, drop forged	Steel, drop forged	Steel, drop forged

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General Purpose Tools

Pliers

ROGRIP M

Quickly adjustable water pump plier

KEY FEATURES

- 30% more gripping capacity*: 10" pliers up to 2" pipe diameters
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- Wide handles for more comfort and better power transmission
- 10 point size adjustments

TECHNICAL DATA

Chrome vanadium steel tempered, drop forged with heavy-duty box joint

Polished head and joint

Double hardened jaws, extremely durable

ROTHENBERGER
Curve-Shape-Design

Especially ergonomic for larger pipe diameters. Reduces the danger of fingers getting clamped

Double hardened jaws
extremely durable

Good grip on every surface even at highest demands

Large gripping width

Reliable grip and hold up to 2" pipe diameter

Integrated sizing scale

Comfortable and quick adjustment of the pipe diameter

Wide handles

More comfort and better power transmission

Slip-resistant plastic handles

High grip reliability

Model	No.
ROGRIP M 7", Ø 1.1/4" / 43 mm	1000000215
ROGRIP M 10", Ø 2" / 60 mm	1000000216

ROTHENBERGER Curve-Shape-Design
– especially ergonomic!

ROGRIP F

Quickly adjustable automatic water pump plier

KEY FEATURES

- 30% more gripping capacity*: 10" pliers up to 2" pipe diameter
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- ROTHENBERGER Curve-Shape-Design: especially ergonomic for large pipe diameters. Reduces the danger of fingers getting clamped
- Wide handle for more comfort and better transmission of power
- Safety lock system: prevents unintentional opening and enables a 50% quicker adjustment
- 18 point size adjustments

Safety lock system

Prevents unintentional opening and enables a 50% quicker adjustment

18 adjustable positions

Variable uses, lateral stability and high strength

Wide handles

More comfort and better power transmission

Slip-resistant plastic handles

High grip reliability

Curve-Shape-Design: especially ergonomic

3-point grip over the middle for reliable clamping. Perfect grip on pipes up to Ø 2"

inch	mm	max. inch	max. mm	g			No.
7"	175	1.1/4"	43	280	1	6	1000000213
10"	240	2"	60	460	1	6	1000000214

30% more gripping capacity!*

* than previous model

ROGRIP S

Quickly adjustable water pump plier

- Characteristics like ROGRIP M

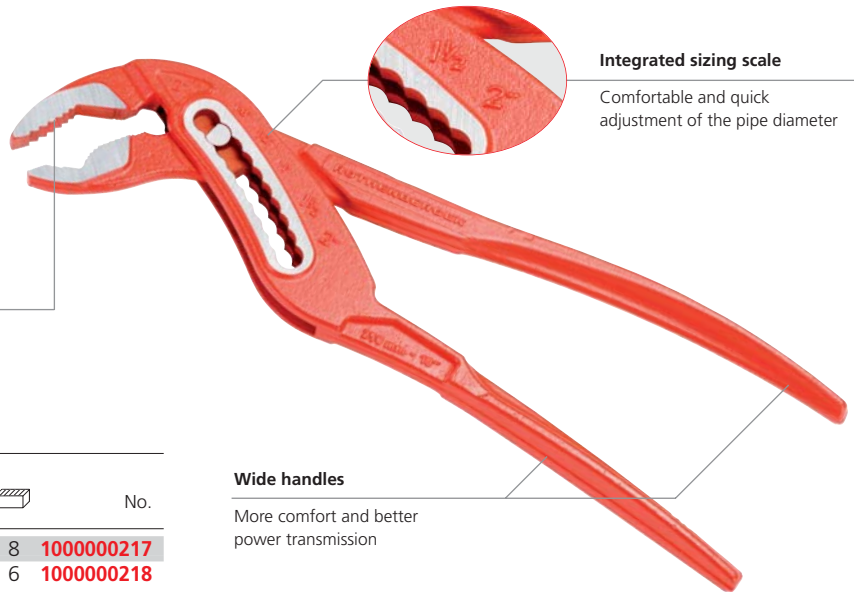
Curve-Shape-Design:
especially ergonomic
with large pipe Ø



**Double hardened jaws
extremely durable**

Good grip on every surface
even for hardest demands

								No.
	inch	mm	max. inch	max. mm	g			
7"		175	1.1/4"	43	290	1	8	1000000217
10"		240	2"	60	480	1	6	1000000218



Integrated sizing scale

Comfortable and quick
adjustment of the pipe diameter

Wide handles

More comfort and better
power transmission

ROGRIP XL

Quickly adjustable water pump plier

KEY FEATURES

- 16" pliers up to 3.1/2" pipe diameters
- 3-point grip: reliable clamping and perfect grip up to the maximal pipe diameter
- ROTHENBERGER Curve-Shape-Design: especially ergonomic by large pipe diameters. Reduces the danger of fingers getting clamped
- Wide handle for more comfort and better transmission of power
- 14 point size adjustment

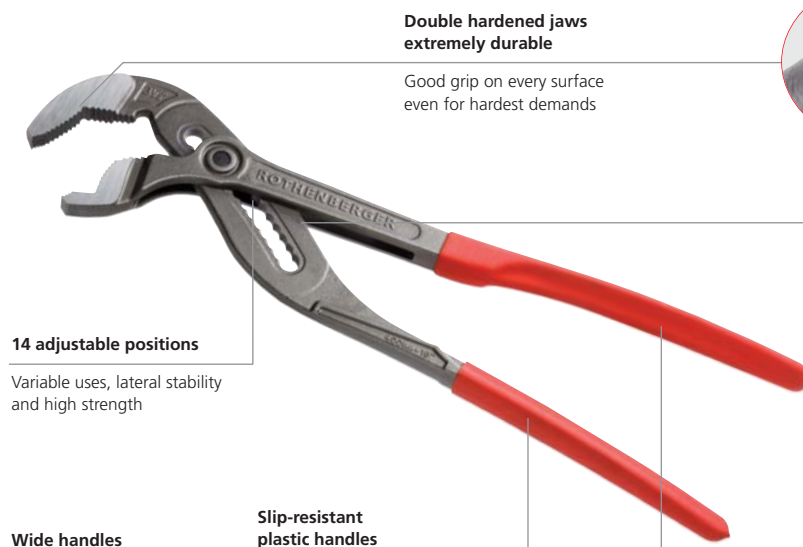
TECHNICAL DATA

Chrome vanadium steel tempered, drop forged with heavy-duty box joint

Polished head and joint

Double hardened jaws, extremely durable

Enormous gripping width of 3.1/2"
– reliable grip during application



**Double hardened jaws
extremely durable**

Good grip on every surface
even for hardest demands



Large gripping width

Reliable grip and hold
up to 3.1/2" pipe diameter

**ROTHENBERGER
Curve-Shape-Design**

Especially ergonomic with larger
pipe diameters. Reduces the
danger of fingers getting clamped

14 adjustable positions

Variable uses, lateral stability
and high strength

Wide handles

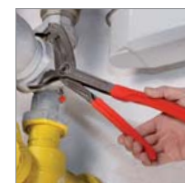
More comfort and better
power transmission

**Slip-resistant
plastic handles**

High grip reliability

**ROTHENBERGER Curve-Shape-Design
– especially ergonomic!**

Curve-Shape-Design:
especially ergonomic



3-point grip over the
middle for reliable
clamping. Perfect grip
on pipes up to Ø 3.1/2"



								No.
	inch	mm	max. inch	max. mm	g			
16"		440	3.1/2"	102	1.400	1	1	1000000328

General-Purpose Tools

Pliers

Water Pump Pliers SP

Complies with DIN 5231 D, with heavy-duty box joint, chrome vanadium steel, drop forged, tempered, polished head and joint



Product Profile

KEY FEATURES

- Ideal for hard-to-reach places with the longer, thinner pliers head with measurements favourable for corners
- Optimum grip for reliable hold of pipes, flat objects, squared and hexagonal screws
- Long service life through induction hardened teeth
- Variable use: 7 size settings
- Non-slip even on smooth surfaces
- Safe use with the crush and pinch protection

TECHNICAL DATA

Complies with DIN 5231 D
Heavy-duty box-joint
Abrasion-resistant surface protection with the epoxy-powder coating
Chrome vanadium steel
Drop forged, tempered
Polished head and joint



Optimum grip



No. 070528D

								No.
	inch	mm	max. inch	max. mm	g			
7"		175	1"	34	150	1	6	70527
10"		250	1.1/4"	43	290	1	6	70528
12"		300	1.1/2"	48	460	1	6	70529
10" Counter display						1(12)		070528D

Crush and clamp guard

Safe use



No. 70527



No. 70528



No. 70529

Water Pump Pliers Type SPK

KEY FEATURES

- Features similar to type SP, additionally with plastic covered handles



**Increased safety:
Plastic covered handles!**



L inch	L mm	max. inch	max. mm	g			No.
7"	175	1"	34	165	1	6	70521
10"	250	1.1/4"	43	315	1	6	70522
12"	300	1.1/2"	48	475	1	6	70523
10" Counter display				1(12)			070522D

Grooved Water Pump Pliers CL

Chrome vanadium steel, chrome-plated, drop forged, tempered, polished head and sliding joint, even jaws, **in compliance with DIN 5231 E**



KEY FEATURES

- No slipping of the joint possible
- Absolutely firm fit in every open position
- Easy, smooth adjustment
- Induction hardened teeth for a long service life
- Crush and clamp guard prevent injuries
- Plastic covered handles



L inch	L mm	max. inch	max. mm	g			No.
9.1/2"	245	1.1/2"	48	330	6		70591
12"	300	2"	60	560	6		70592
16"	420	4"	114	1,150	6		70593

General-Purpose Tools

Plier Sets

Professional Sets

Practice-oriented set of pipe wrenches and pipe cutter

3-parts Set No. (070130X) includes:
Pipe Wrench 1" (No. 070122X),
Pipe Wrench 1.1/2" (No. 070123X),
Pipe Wrench 2" (No. 070124X)

4-parts Set (No. 070135X) includes:
Pipe Wrench 1" (No. 070122X),
Pipe Wrench 1.1/2" (No. 070123X),
Wapu 10" (No. 70528),
TUBE CUTTER 35 (No. 70027)

3-partss Set (No. 070140X) includes:
Pipe Wrench 1" (No. 070122X),
Pipe Wrench 1.1/2" (No. 070123X),
Wapu 10" (No. 70528)

No. 070130X

No. 070135X

No. 070140X

Model	kg		No.
Set 1 - 1.1/2" - 2"	5,0	1	070130X
Set 1 - 1.1/2" + Wapu SP 10 + TC 35	3,1	1	070135X

Model	kg		No.
Set 1 - 1.1/2" + Wapu SP 10"	2,7	1	070140X

ROGRIP Pliers Sets

The quickly adjustable water pump pliers
Generation ROGRIP are available as practice-oriented sets in 3 different sizes

2-parts Set (No. 1000000626) includes:
ROGRIP S 7" (No. 1000000217),
ROGRIP S 10" (No.1000000218)

2-parts Set (No. 1000001039) includes:
ROGRIP M 7" (No. 1000000215),
ROGRIP M 10" (No. 1000000216)

3-parts Set (No. 1000001068) includes:
ROGRIP M 7" (No. 1000000215),
ROGRIP M 10" (No. 1000000216)
ROGRIP XL 16" (No. 1000000328)

No.1000000626

No.1000001039

No.1000001068

Model		No.
ROGRIP Set S 7" + S 10"	1	1000000626
ROGRIP Set M 7" + M 10"	1	1000001039

Model		No.
ROPGRIP Set M 7" + M 10" + ROGRIP XL	1	1000001068

Corner Pipe Wrench 45° "SUPER S"

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

KEY FEATURES

- Self-clamping: 3-point clamping ensures reliable and firm grip even on smooth pipes
- Reliable grip and non-slip with teeth set against turning direction, induction hardened
- Double-T profile jaws, ideal for clamping different material forms, enables universal application



inch	mm	max. inch	max. mm	g			No.
1/2"	22	10"	250	400	1	18	070121X
1"	34	12"	300	810	1	18	070122X
1.1/2"	48	16"	420	1.440	1	16	070123X

inch	mm	max. inch	max. mm	g			No.
2"	60	20"	540	2.440	1	10	070124X
3"	89	24"	640	3.400	1	6	70125

Corner Pipe Wrench 45°

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, 45° angled



inch	mm	max. inch	max. mm	g			No.
1/2"	22	10"	250	370	1		070131X
1"	34	12"	300	740	1	6	070132X

inch	mm	max. inch	max. mm	g			No.
1.1/2"	48	16"	420	1.340	1		070133X
2"	60	20"	540	2.400	1		070134X

Pipe Wrench 90°

Chrome vanadium steel, drop forged, tempered, with reinforced sleeve, polished jaws and a favourable size for corners

KEY FEATURES

- Favourable size for corners
- Thin muzzle with thin jaws, 90° angled



inch	mm	max. inch	max. mm	g			No.
1"	34	12"	300	740	1	8	070110X
1.1/2"	48	16"	420	1.340	1	6	070111X
2"	60	20"	540	2.400	1	6	070112X

inch	mm	max. inch	max. mm	g			No.
3"	89	24"	640	3.400	1		70113
4"	114	36"	750	5.600	1		70114

General-Purpose Tools

Pliers

One Handed Pipe Wrench "HEAVY DUTY"

KEY FEATURES

- One-handed ratchet-like use, self-clamping, spring-supported hook
- Quick preset of pipe-Ø using scale on hook
- Wearing parts replaceable:
Hook and heel jaw can be purchased separately
- Monoblock cast body with high strength, double T profile, forged jaw and hook, fine polished, teeth set against turning direction, induction hardened, tempered and non-slip adjustment screw



US-Norm GGG-W-651
Type II Class A!

L	L	inch	mm	kg		No.	No.	No.
inch	mm					pliers	hook	jaws
8"	200	1/2"	22	0.40	4	70150	70200	70190
10"	250	1.1/2"	48	0.78	4	70151	70201	70191
12"	300	2"	60	1.25	4	70152	70202	70192
14"	350	2"	60	1.68	4	70153	70203	70193
18"	450	2.1/2"	73	2.67	2	70154	70204	70194
24"	600	3"	89	4.32	1	70155	70205	70195
36"	900	5"	141	7.92	1	70156	70206	70196
48"	1200	6"	168	15.80	1	70157	70207	70197

One Handed Pipe Wrench "ALUDUR"

KEY FEATURES

- Features similar to **HEAVY DUTY**
- **Weight savings of approx. 40%:** extremely light, high strength aluminium alloy
- Wearing parts replaceable: hook and heel jaw can be purchased separately



US-Norm GGG-W-651
Type I Class B!

L	L	inch	mm	kg		No.	No.	No.
inch	mm					pliers	hook	jaws
10"	250	1.1/2"	48	0.48	4	70159	70201	70191
14"	350	2"	60	0.99	4	70160	70203	70192
18"	450	2.1/2"	73	1.63	2	70161	70204	70194
24"	600	3"	89	2.51	1	70162	70205	70195
36"	900	5"	141	5.00	1	70163	70206	70196
48"	1200	6"	168	8.42	1	70164	70207	70197

One Handed Pipe Wrench "STILLSON"

KEY FEATURES

- Features similar to **HEAVY DUTY**
- Hardened adjustment nut presses onto the handle during use and prevents undesired readjustment
- Optimised double-spring construction guarantees quick and firm self-clamping, ensuring secure hold even on smooth pipes









US-Norm GGG-W-651
Type I Class B!

L	L	inch	mm	kg		No.	No.
inch	mm					pliers	hook
8"	200	3/4"	27	0.28	1 4	70350	70374
10"	250	1"	34	0.59	1 4	70351	70375
12"	300	1.1/4"	43	0.79	1 4	70352	70376
14"	350	1.1/2"	48	1.04	1 4	70353	70377
18"	450	2"	60	1.82	1 2	70354	70378
24"	600	2.1/2"	73	3.08	1 1	70355	70379
36"	900	3.1/2"	102	5.69	1 1	70356	70380

One Handed Pipe Wrench "OFFSET PATTERN HEAVY DUTY"

KEY FEATURES

- Offset wrench head is ideal for working in confined spaces (e.g. near to the wall)
- One handed ratchet-like use, self-clamping, spring-supported hook
- Quick preset of pipe Ø using scale on hook
- Wearing parts replaceable: hook and heel jaw can be purchased separately







							No. pliers	No. hook	No. jaws
10"	250	1.1/2"	48	750	4		70166	70201	70191
14"	350	2"	60	1,460	4		70167	70203	70192



One Handed Corner Pipe Wrench 90°

KEY FEATURES

- Features similar to "HEAVY DUTY"
- **Weight savings of approx. 40%:** extremely light, high strength aluminium alloy








							No. pliers	No. hook	No. jaws
14"	350	2"	60	890	1		70115	70203	70192
18"	450	2.1/2"	73	1,490	1		70116	70204	70194



Chain Pipe Wrench 4" R/L

KEY FEATURES

- Profile handle made of drop forged chrome vanadium steel, polished head with hardened special tooth system, powerful chain made of tempered special steel
- Double-sided teeth surface set against the turning direction for use in both directions without re-inserting

							No.
max. inch	max. mm	inch	mm	g			
4"	115	12"	300	780	1	4	70235







Chain Pipe Wrench "HEAVY DUTY"


Very robust model for the toughest conditions, proven in pipeline construction, jaws and handle are forged, jaws are replaceable

KEY FEATURES

- Strong chain made of tempered special steel – fits every cross-section
- Double-sided tooth system for ratchet-like use, for right and left-handed operation

		jaws			No. pliers	No. jaws
max. inch	max. mm	width mm	mm	kg		
1.1/2"	48	38	350	1.4	70242	70571
2.1/2"	73	52	690	3.5	70243	70572
4"	114	63	940	6.7	70244	70573
6"	168	78	1,120	12.6	70245	70574
8"	220	80	1,280	17.2	70246	70575
12"	324	84	1,630	24.2	70247	70576



Model		No.
Spare chain HEAVY DUTY 1 1/2"	0.80	70262
Spare chain HEAVY DUTY 2 1/2"	0.95	70263
Spare chain HEAVY DUTY 4"	1.40	70264
Spare chain HEAVY DUTY 6"	2.80	70265
Spare chain HEAVY DUTY 8"	3.40	70266
Spare chain HEAVY DUTY 12"	5.10	70267

General-Purpose Tools

Pliers

Fittings Wrench 90°

Special chrome vanadium steel, steel forged

KEY FEATURES

- Plastic jaws guarantee a secure and gentle grip especially for chrome-plated fittings and polished surfaces
- High-quality DURAMANT surface coating



Plastic jaws, gentle grip!



max. inch	max. mm	inch	mm	g			No.
1"	35	14"	356	740	1	6	70545
Plastic jaws				10			70548

Fitting Key

Steel forged, burnished, smooth jaws for protection of fittings and delicate or polished surfaces



No. 350850



No. 350900

Model	mm	Clamping width and depth mm	g	No.
Grid adjustment	260	75	45	690
Roll adjustment	275	65	45	780

SANIGRIP/SANIGRIP PL

Valve plier PL

Special chrome vanadium steel, drop forged, chrome-plated, 4 adjustable sizes at joint, with toothed grip jaws. SANIGRIP PL designed with plastic jaws to protect fittings

KEY FEATURES

- Secure and gentle grip on valuable fittings without damaging polished surfaces
- Optimum grip is ideal for plastic screw joints up to Ø 62 mm (siphon)






Model	inch	mm	max. mm	min. mm	g	No.
SANIGRIP	10"	250	80	14	270	70415
SANIGRIP PL	10"	250	62	14	280	70416
Plastic jaws (pair) for SANIGRIP PL					10	70417

Sealing Grip Pliers

Chrome vanadium steel, nickel-plated, tempered, hardened jaws

- Ideal for climate, heating and sanitary installations
- For clamping thin-walled copper pipes Ø 4 - 16 mm and hoses
- With leverage and quick-release lever, adjustable and lockable



 inch	 mm	Jaw width mm	 g	No.
10"	250	4 - 16	490	70250






Pipe Welding Grip Pliers

Chrome vanadium steel, nickel-plated, hardened jaws

- For safe, central clamping of pipes and round material aligned during welding work
- Reliable 3-point support, for steel pipes up to Ø 3"
- U-shaped clamping jaws allow enough room for welding
- With leverage and quick-release lever, adjustable and lockable



 inch	 mm	Jaw width mm	 g	No.
11"	280	95	840	70257



EASYGRIP

Automatic strap wrench for plastic pipes Ø 20 - 160 mm (3/4" - 6")

The indispensable tool for socket welding large diameter plastic pipes




KEY FEATURES

- No damage to pipe surface with the centred prismatic support
- Secure grip with special non-slip nylon strap



Centred prismatic support

No damage to the pipe surface

Model	 mm	 inch	 kg	No.
EASYGRIP	20-160	3/4"	1.0	55075
Spare strap EASYGRIP			0.1	55076



Non-slip special nylon strap

Secure grip






Strap and Fittings Wrench

Made of aluminium special alloy,
with replaceable nylon strap

KEY FEATURES

- Safe to use on chrome-plated fittings without damaging polished surfaces
- Use in the automotive industry (oil filter changes)



 inch	 mm	 inch	 mm	 g	No.
3"	89	12"	300	280	70240
Spare strap 3"				20	70268
8"	220	12"	300	290	70241
Spare strap 8"				30	70269



General-Purpose Tools

Installation Wrenches

UNI Stepped Key Set




Radiator valve stepped key and ratchet set for installation and removal of heating valve nipples, tankconnectors and short tap extensions. Chrome vanadium steel, hardened, nickelplated, square drive 1/2"

Product Profile

KEY FEATURES

- Universally applicable: cam, internal hexagonal and 12-edged driver, size 3/8 - 1/2 - 3/4 - 1" and other sizes in between
- No canting of nipples and screw connections with the special stepped key design
- Combination key allows installation and removal of heating nipples, tank connections and short tap extensions
- 1/2" Ratchet makes installations quick and easy

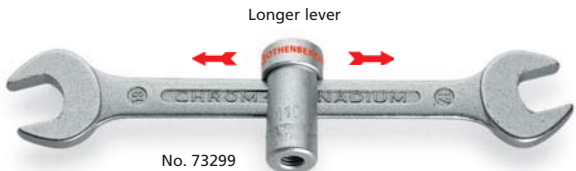


Model	 g			No.
Set: UNI Stepped Key and Ratchet	670	1	12	73297
UNI Stepped Key	120	1		73298
Gas Stepped Key	80	1		73280
1/2" ratchet	440	1		27180



Express Spanner

Chrome vanadium steel, drop forged, chrome-plated



KEY FEATURES

Express Spanner

- Ideal for hard-to-reach screws
- Quick installation of sink fittings and corner valves
- Hanger bolt M10, middle piece with internal screw thread
- Easy loosening of the hanger bolt with integrated ball seat
- When the internal hexagonal screw is loosened, the hanger bolt can be moved on the spanner axle (longer lever)



Ring Ratchet Express Spanner

- With the smallest of ratchet angles, fine-toothed, R/L switchable, 12-edged, flat offset



Ring Ratchet Express Spanner



Spanner width	for hanger bolts Size	 mm	 g	No.
Wrench size 10 x muzzle size 13	M 8	220	250	73290
Wrench size 17 x muzzle size 19	M10	220	250	73299
Wrench size 17 x muzzle size 19	M12	220	250	73291
Wrench size 19 x ring size 17	M10	260	390	73293

General-Purpose Tools

Installation Wrenches



Bolt Driver

Bolt driver M6, M8, M10, M12 with 1/2" ratchet connector

KEY FEATURES

- Without damage to the screw thread, for express and hanger bolts
- Easy loosening of the screw with the integrated ball seat

4-part set (No. 26164) includes: Bolt Driver M6 (No. 26160), M8 (No. 26161), M10 (No. 26162), M12 (No. 26163), steel carrying case

Model	 mm	 g	No.
Set M6 - M8 - M10 - M12		650	26164
Bolt driver M 6	35	70	26160
Bolt driver M 8	40	90	26161
Bolt driver M 10	45	100	26162
Bolt driver M 12	50	120	26163

Simple installation




Sanitary Four Way Key

Chrome Vanadium Special steel

KEY FEATURES

- Four external hexagonal 3/8", 1/2", 3/4", 1" up to 100 mm and installation/ removal of heating valves and tank connectors
- 3 inner threads M8, M10 and M12 for hanger bolts



Model	Dimensions mm	 g	No.
Sanitary Four Way Key multifunctional	220 x 220	610	351043

Sanitary Four Way Key


Chrome Vanadium Special steel

KEY FEATURES

Multi-functional combined key:

- Four external hexagonal 3/8", 1/2", 3/4", 1" for short tap, extensions, installation and removal of heating valves and tank connectors
- 3 inner threads M8, M10 and M12 for hanger bolts (wash basin fittings)



Model	Dimensions mm	 g	No.
Sanitary Four Way Key multifunctional	220 x 220	590	351044

General-Purpose Tools

Installation Wrenches

ROFIX SANISET Profi

Installation tool



No. 73201



No. 73200



No. 73202

1 tool for 5 uses!

User-friendly combination set for installation of basins, toilets and drains

KEY FEATURES

- Bolt Driver Tool for M8 and M10 enables easy use in all positions
- Seat for the 9 mm and 13 mm extensions, as well as the RO-QUICK 2 adaptor with the Bolt Driver Tool
- Ease of use with the RO-QUICK 2 adaptor for the most common drains in bath tubs and basins



Set (No. 73200) includes: Bolt driver tool (No. 73201), RO-QUICK 2 adaptor (No. 73206), extension 9 mm (No. 73210), 13 mm (No. 73213), steel carrying case (No. 26410)

Set (No. 73202) like Set (No. 73200), in addition extensions size 10, size 11, size 12 and size 14

Model	with extension mm	g	No.
ROFIX SANISET Profi	9-10-11-12-13-14	1,500	73202
ROFIX SANISET	9-13	900	73200
Bolt Driver tool			
M8/M10	215	120	73201
RO-QUICK 2-Adaptor	90	40	73206
Special extension size 9	185	50	73210
Special extension size 10	185	50	73209
Special extension size 11	185	50	73208
Special extension size 12	185	50	73212
Special extension size 13	185	50	73213
Special extension size 14	185	50	73214

RO-QUICK

Valve key

Release valve holder and key for eccentric and standard valves



No. 70413



No. 70414



KEY FEATURES

- Quick and problem-free use by the installation of bathtubs, basins and sinks
- Can be used from the bottom up
- With 2 facing, spring mounted locking cams, as well as holder with T-handle
- Adaptor with star handle for showers, bathtubs (optional accessory)
- Torque-proof immediately on insertion

No damage to chrome-plated parts!

Model	L mm	g	No.
RO-QUICK Set			70439
RO-QUICK Valve Key	120	300	70414
Adaptor	75	70	70413

General-Purpose Tools

Installation Wrenches

ROCLICK

Combined open-ended / hinged ratchet wrench

Chrome vanadium steel, polished and high shine chrome-plated

KEY FEATURES

- Moveable ring ratchet allows for use even in tight spaces
- Precise work with the fine-running ratchet (72 teeth)

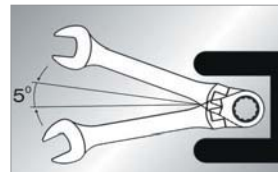
Small operating radius of only 5°!



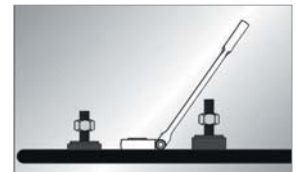
Fig. ROCLICK wrench set



Small 5° operating radius



Adjustable inclination angle



7-part set (No. 70490) includes: ROCLICK combined spanner 8 - 10 - 11 - 13 - 14 - 17 - 19 mm, plastic case

Model	g		No.
ROCLICK spanner set, 7 pieces	1,150	1 12	70490

Torque Wrench Set

For proper tightening of flange connections

Set with adjustable torque wrench (10-70 Nm) and 6 spanner inserts sizes 17, 22, 24, 26, 27 and 29 mm for flange connections on 1/4", 3/8", 1/2" and 5/8" pipe lines **according to DIN EN 378-2 : 2012-08**

DIN
-Norm



Fix with torque urgently necessary!

8 piece set (No. 1750.01) includes: spanner wrench sizes 17, 22, 24, 26, 27, 29 mm, torque wrench, carrying bag

Model	kg	No.
Torque wrench set, 7 piece	3.5	175001

Pipe-Ø	Spanner width	Locking torque
1/4" / 6 mm	17 mm	14 - 18 Nm
3/8" / 10 mm	22 mm	33 - 42 Nm
1/2" / 12 mm	24 mm	50 - 62 Nm
1/2" / 12 mm	26 mm	50 - 62 Nm
5/8" / 15/16 mm	27 mm	63 - 77 Nm
5/8" / 15/16 mm	29 mm	63 - 77 Nm

ROTUN

Combined ring / open-ended spanner

Chrome vanadium steel, polished and high shine chrome-plated

KEY FEATURES

- Loosening of up to 70% of damaged hexagonal screws with hexagonal open end and ridged profile
- Ergonomically optimised: Pressure on the flat side of spanner makes work easier



Protects the hand



8 part set (No. 70475) includes: ROTUN 10 - 11 - 13 - 14 - 16 - 17 - 19 - 22 mm, in plastic case

Model	kg		No.
ROTUN spanner set, 8 pieces	1.7	1 12	70475

General-Purpose Tools

Installation Wrenches

ROCLICK Key

Chrome vanadium, head black atramentized



Model	Key width mm	L mm	g	No.
ROCLICK Key	10	134	80	70420
ROCLICK Key	11	137	80	70419
ROCLICK Key	12	137	80	70421
ROCLICK Key	13	137	90	70422
ROCLICK Key	14	140	90	70423

KEY FEATURES

- With the spring mechanism – the harder the pressure, the more firmer the grip
- Self-ratcheting effect when turning back
- Fast extraction and loosening of screws
- Suitable especially for screws on pipes, cables and rods



Model	Key width mm	L mm	g	No.
ROCLICK Key	16	184	130	70424
ROCLICK Key	17	184	140	70425
ROCLICK Key	19	188	188	70426
ROCLICK Key	21	230	230	70427
ROCLICK Key	24	240	240	70418

Ring Spanner

Chrome vanadium steel, drop forged, chrome-plated



Model	L mm	g		No.
12 x 14 mm	230	200	1 36	70271
13 x 17 mm	250	280	1 36	70272
15 x 16 mm	260	320	1 36	70273

KEY FEATURES

- Ideal for hard-to-reach screws with the finely toothed R/L switchable ratchet
- 12-edged, flat offset, robust and indestructible

7-part set (No. 70281) includes: ROCLICK 10 x 11, 12 x 14, 13 x 17, 15 x 16, 19 x 22, 24 x 27, 30 x 32 mm

Model	L mm	g		No.
19 x 22 mm	310	440	1 36	70274
24 x 27 mm	360	700	1 36	70276
30 x 32 mm	410	990	1 36	70277

Adjustable Wrench

Chrome vanadium steel, drop forged, chrome-plated and polished

KEY FEATURES

- Precise operation: Smooth-running and robust roller with minimum play in the sliding guides



Size	L bis	Clamping width	g	No.
4"	120 mm	16 mm	80	70440
6"	160 mm	20 mm	100	70441
8"	210 mm	25 mm	220	70442
10"	250 mm	29 mm	390	70443
12"	300 mm	34 mm	660	70444
15"	380 mm	44 mm	1170	70445

SWO Adjustable Wrench

Chrome-Vanadiumsteel, chrome-plated and polished finish

KEY FEATURES

- Metric measuring scale on jaws for easy jaws pre-setting and sizing of nuts, bolts, pipes, etc.
- Great accessibility in confined spaces, non-protruding jaw shank at maximum opening
- Absolutely parallel jaw surfaces ensure perfect grip of nuts and screws



Size	L	Clamping width up to (inch)	g	No.
6"	176 mm	34 (1.3/8")	205	1500001509
8"	216 mm	39 (1.1/2")	345	1500001510

General-Purpose Tools

Installation Wrenches


One Handed Type R

The ideal multi-function spanner with ratchet function – for almost all bolt and nut applications up to a size of 42 mm (1.1/4")

KEY FEATURES


- Self-clamping even on smooth pipes, bolts, shafts and broken off head of hexagonal screws



L mm	L inch	Clamping width mm	Clamping width inch		No.
160	6"	SW 9 - 17	1/8" - 3/8"	80	70220
200	8"	SW 14 - 28	1/4" - 3/4"	200	70221

Enormous leverage!



L mm	L inch	Clamping width mm	Clamping width inch		No.
255	10"	SW 16 - 33	3/8" - 1"	340	70222
310	12"	SW 22 - 42	1/2" - 1.1/4"	520	70223

Double-End Box Wrench Set

Chrome vanadium steel, chrome-plated DIN 838

10-piece

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32 mm

12-piece

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm



Open-Ended Wrench Set

Chrome vanadium steel, chrome-plated DIN 3113

8-piece

8x8, 9x9, 10x10, 11x11, 13x13, 14x14, 17x17, 19x19 mm



Model	No.
Double-end box wrench set 10-piece	849064
Double-end box wrench set 12-piece	849065

Model	No.
Open-ended wrench set 8-piece	849554

Double-end Box Wrench Set

Chrome vanadium steel, chrome-plated DIN 3110

10-piece

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32

12-piece

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm



Model	No.
Double-end box wrench set 10-piece	849334
Double-end box wrench set 12-piece	849335
Double-end box wrench 10 x 11 mm	849293
Double-end box wrench 12 x 13 mm	849299

Model	No.
Double-end box wrench 16 x 17 mm	849306
Double-end box wrench 18 x 19 mm	849308
Double-end box wrench 24 x 27 mm	849317
Double-end box wrench 30 x 32 mm	849323

General-Purpose Tools

Screwdrivers

EUROLINE®

Screwdrivers



Product Profile

KEY FEATURES

- High force transmission with 2 component handle
- High torque
- Guarantees perfect seat on screw head
- Colour coding for different tips enables quick differentiation
- Oil, fat and hydrocarbon resistant

CHARACTERISTICS

- Blade made of chrome vanadium steel with high-torque and hardness, matt chrome-plated
- Hardened, burnished tip with high durability for reliable force transmission even for tightly secured screws
- Guaranteed perfect seat on screw head, long service life even with long term use
- Handle made of high-quality plastic, grip-friendly AS knob form

Surface treated precision tip

Guarantees perfect seat on screw head



Colour coding for different tips

Quick differentiation

2 component handle made of high-quality, plastic, grip-friendly AS knob form

High force transmission



Blade made of high-quality, tempered chrome vanadium steel

High torque proof



Screwdriver Sets

Model	kg	No.
Screwdriver Set Pozidriv	0.70	73571
Screwdriver Set Phillips	0.70	73570

Sets include:

	Pozidriv No. 73571	Phillips No. 73570
	3,5 x 75 mm	3,5 x 75 mm
	4 x 100 mm	4 x 100 mm
	5,5 x 125 mm	5,5 x 125 mm
	6,5 x 150 mm	4 x 100 mm
	PZ 1 x 100 mm	
	PZ 2 x 125 mm	
		PH 1 x 100 mm
		PH 2 x 125 mm

Slot Screwdriver



Slot



Phillips Screwdriver



Phillips



Pozidriv Screwdriver



Pozidriv



Tip design	Model	g	No.
Width x Length mm			
4.0 x 100	Slot	45	73103
5.5 x 125	Slot	84	73131
6.5 x 150	Slot	128	73133
PH 1 x 100	Phillips	80	73152
PH 2 x 125	Phillips	98	73153
PZ 1 x 100	Pozidriv	80	73161
PZ 2 x 125	Pozidriv	98	73162

ROBIT

10-piece bit set

With magnet holder and front tip



Model	No.
ROBIT bit set (10-piece)	73670

General-Purpose Tools

Screwdrivers

EUROLINE® IMPAKT

Screwdriver with continuous, strengthened blade

Product Profile

KEY FEATURES

- One-piece, strengthened blade with metal cap allows directed hammer blows, for example loosening stuck screws

Set (No. 73575) includes:

5,5 x 100 mm
6,5 x 125 mm
8 x 150 mm
PH 1 x 80 mm
PH 2 x 100 mm



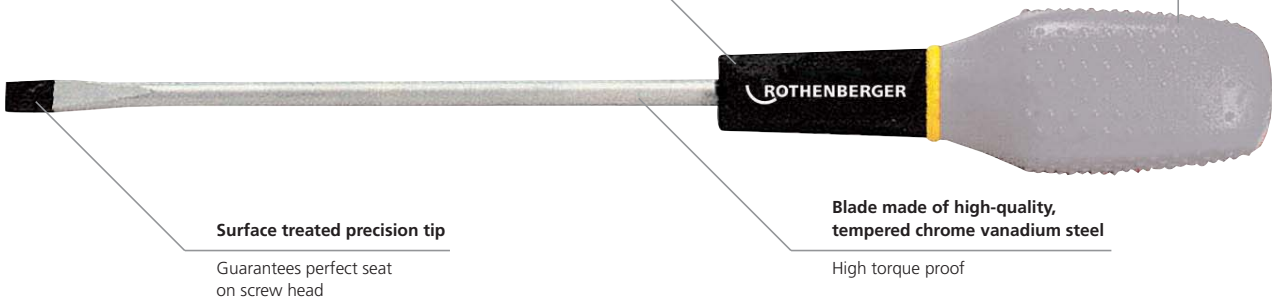
2 tools in 1!

Colour coding for different tips

Quick differentiation

Handle made of high-quality plastic, grip-friendly AS knob form

High force transmission



Surface treated precision tip

Guarantees perfect seat on screw head

Blade made of high-quality, tempered chrome vanadium steel

High torque proof

Constant strengthened blade with metal cap



5-piece set (No. 73575) includes: Slot screwdriver 55 x 100 (No. 73565), 6.5 x 125 (No. 73566), 8 x 150 (No. 73567), Phillips PH 1 x 80 mm 1 (No. 73536), PH 2 x 100 mm (No. 73537)

Model	g	No.
EUROLINE® IMPAKT Set 5 pieces	950	73575

VDE Screwdriver Set

Blades made of chrome vanadium molybdenum steel, thoroughly hardened, extrusion-coated blade insulation tightly joined with handle, 1,000 Volt



Model	g	No.
VDE Screwdriver Set, includes: Slot 2,5 x 75; 4,0 x 100; 5,5 x 125; 6,5 x 150 Phillips PH 1 x 80; PH 2 x 100 and live-wire-tester	680	323126

General-Purpose Tools

Installation Aids

ROCHECK

Spirit level for angled valves

For exact vertical and horizontal alignment of fittings

KEY FEATURES

- With horizontal and head levels
- One side with 1/2" external screw thread

Precise Installation!



ROCHECK

Spirit level for standard distances

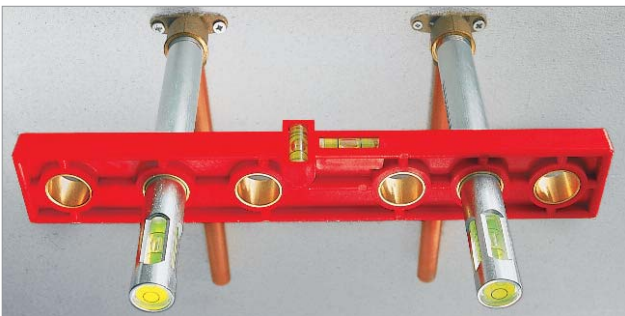
Accurate installations with installation gauge for fittings, with horizontal and vertical levels, unbreakable

KEY FEATURES

- For standard distances: 97 - 120 - 153 - 160 - 170 - 200 - 210 mm

Exact Adjustment!

Exact installation by assembling jig for braces



4-part set (No. 70667) includes: Spirit level for angled valves 200 mm (No. 70661), Spirit level for standard distances 300 mm (No. 70665), 1 flexible ruler 2 m (No. 252100), steel carrying case (No. 24022)

Model	g	No.
ROCHECK Set in steel case	2.260	70667
ROCHECK spirit level for angled valves 200 mm	220	70661
ROCHECK spirit level for standard distances 300 mm	260	70665

Cartridge Extractor Set

Simple extraction of cartridges in taps



KEY FEATURES

- Simple extraction of cartridges in taps
- 4 adaptors with hook, threaded rod, screw or rivet adaptor for cartridges made before 1979, starting in 1979 and MOEM cartridges, as well as extraction tools

Simple use:

Screw the appropriate cartridge extractor on the threaded rod, attach to the cartridge, guide the cartridge body and counter piece over the thread rod, rotate the t-handle and pull the cartridge out of its seat.

Set (No. 854390) includes: T-handle (No. 854380), screw 12 x 92 (No. 854381), turning handle (No. 854382), threaded rod M10 x 130 (No. 854383), cartridge body 32 x 131 (No. 854384), cartridge extractor with thread (No. 854385), cartridge extractor with hook (No. 854386), cartridge extractor 20 x 45 (No. 854387), counter piece (No. 854388), steel carrying case

Model	kg	No.
9-part set	1.25	854390

RODOKIT Set

Tap reseating tool

For accurate reshaping of worn tap seats from leaky spigots

KEY FEATURES

- Smooth, precise and centred chip removal with the special cutter with three milling cams
- Cone adaptor with multi-trapezoidal thread for various valve threads

Set (No. 70980) includes: Basic tool, thread adaptor size 1, 2, 3, 4, cone adaptor, cutter Ø 12-15-16-18 mm

Model	g	No.
RODOKIT Set	1.170	70980
RODOKIT Basic Tool	230	70981
Cone adaptor	100	70992

Dimensions	g	Cutter	Adaptor
12 mm	10	70982	70986
15 mm	10	70983	70987
16 mm	10	70984	70988
18 mm	10	70985	70989



With rust-free steel cutter for high-quality armature!



Tap Reseating Tool

For exact re-cutting of worn tap seats from leaky spigots

Product Profile

KEY FEATURES

- Fast and simple use with exact re-cutting of worn tap seats
- Cylindrical stepped threaded adaptor that is suitable for all conventional fittings
- Adjustable cutting pressure using spring and regulating screw enable precise work
- Exchangeable cutter is always ready for use

Model	inch	g	No.
Basic Tool with cutter	3/8" - 1"	350	70970
3/8"-1/2"-3/4"-1" in Box			
Basic Tool with cutter	3/8" - 1"	980	70974
3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel compartment			
Basic Tool with cutter	1/4" - 1"	1.060	70972
1/4"-3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel box			
Basic Tool without cutter		250	70950
Water-tap valve seat cutter			70951
Spare cutter	1/4"	10	70976
Spare cutter	3/8"	10	70954
Spare cutter	1/2"	10	70955
Spare cutter	3/4"	20	70956
Spare cutter	1"	30	70957



General-Purpose Tools

Installation Aids

Standard Spirit Level



KEY FEATURES

- Deformation-free aluminium rectangular profile, anodised
- Imprinted, centred centimetre scale
- Shock and weather proof
- Horizontal and vertical levels, non-breakable, permanently aligned in carrier
- Measuring accuracy in normal position $0.029^{\circ} = 0.5\text{ mm / m}$

Model	L mm	g	No.
Standard Spirit Level	430	260	1500001583
Standard Spirit Level	600	340	1500001547
Standard Spirit Level	1000	640	1500001548

ROMATIC and Ruler

Measuring tape



KEY FEATURES

- Easy handling
- Automatic tape rewind
- With set/stop button that can be used as marker for repeated measurements



Model	Measuring length m	Tape width mm	g	No.
ROMATIC	5	19	230	77397
Flexible ruler	2	100		252100

Basin Nut Wrench

Special chrome vanadium steel, drop forged, very tough

KEY FEATURES

- Optimum force transmission with the T-handle
- Rotatable claw for right and left-handed rotation





Clamping range mm	inch	L mm	g	No.
10 - 32	3/8" - 1.1/4"	235	475	70228

Telescopic Basin Nut Wrench

Chrome-plated, with pivoted reversible jaw for right and left-handed rotation



Telescopic attachment,
4x adjustable in length!




Clamping range				No.
mm	inch			
10 - 32	3/8" - 1.1/4"	275 - 455	710	70225
20 - 48	3/4" - 1.7/8"	290 - 470	740	70226
32 - 63	1.1/4" - 2.1/2"	290 - 470	780	70227

Sheet Metal Crimping Pliers

Self-opening, PVC coated handles

- For joining of sheets up to 1 mm thick using ripple on pipe end
- Exact and quick adjustment







		Sheet thickness		No.
inch	mm			
10"	250	1.0	450	71095

Tower Pincers / Concreter's Nippers

Special forged steel, slim head, polished, long plastic covered handles





		Clamping width			No.
inch	mm				
9"	225	22	330	6	70118
10"	250	26	440	6	70119

Basin Nut Wrench

Special chrome vanadium steel, drop forged, coated with adjustment screw






Model			No.
	mm	g	
Basin Nut Wrench	270	580	351050

ROBOLT Bolt Cutter

Effortless cutting of construction steel up to 1300 N/mm² (HRC 40), gate steel, concrete steel types I, II, III, IV, pre-stressed concrete steel and steel wire






		Cutting performance Ø mm			No. Robolt	No. head
mm	inch	490 N/mm ²	1300 N/mm ²			
300	12"	5 mm - 3/16"	4 mm - 5/32"	0.75	75010	75020
350	14"	7 mm - 1/4"	5 mm - 3/16"	0.98	75011	75021
450	18"	8 mm - 5/16"	6 mm - 1/4"	1.60	75012	75022
600	24"	10 mm - 3/8"	8 mm - 5/10"	2.63	75013	75023
750	30"	13 mm - 1/2"	9 mm - 11/32"	4.00	75014	75024
900	36"	16 mm - 5/8"	10 mm - 3/8"	6.24	75015	75025
1,050	42"	19 mm - 3/4"	11 mm - 7/16"	9.39	75016	75026

Universal Grip Wrench

Nickel-plated, forged chrome vanadium steel. Firm grip of profiles and flat materials. With lever gear and quick-release lever, adjustable and lockable



		Clamping width		No.
inch	mm			
10"	250	32	570	70252

General-Purpose Tools

Installation Aids

Combination Pliers

For hard and soft wire, special tool steel, oil hardened, special slim form, chrome-plated head, zero-play joint and heavily insulated handles

DIN
-Norm

VDE
approved



L mm	Model	g	No.
180	DIN 5244	250	324559

Edge Cutter

For hard and soft wire, special tool steel, oil hardened, Swedish style, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm

VDE
approved



L mm	Model	g	No.
160	DIN 5238B	210	324577

Insulation Stripper

Special tool steel, oil hardened, chrome-plated, zero-play joint, heavily insulated handles, with adjustment screw and opening spring

VDE
approved



L mm	max mm	g	No.
165	5	160	324800

Power Edge Cutter

For piano wire, hard and soft wire, powerful, special tool steel, oil hardened, chrome-plated head, zero-play joint, with heavily insulated handles

DIN
-Norm

VDE
approved



L mm	Model	g	No.
180	DIN 5238A	250	324588

Long Nose Pliers, straight

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm

VDE
approved



L mm	Model	g	No.
200	DIN 5236A	200	324737

Long Nose Pliers, angled

With cutting edge for hard and soft wire, flat oval jaws, tapered off, special tool steel, oil hardened, chrome-plated head, zero-play joint with heavily insulated handles

DIN
-Norm

VDE
approved




L mm	Model	g	No.
200	DIN 5236D	200	324739

Allen Key with Cross Handle

Blade made of chrome vanadium special steel, shiny nickel-plated, shock-resistant handle



Key width SW mm	Blade length mm	 g	No.
3	200	30	321523
4	200	40	321524
5	200	80	321525
6	200	100	321526
8	200	130	321528
10	200	220	321529
12	200	290	321530

Allen Key Set

CV steel 50Cr-V4, achromatised, hardness and torque in compliance with **DIN 911**


DIN
-Norm



No. 321300



No. 70301/70302

Model	Size mm / inch	 g	No.
Clip holder	2,5-3-4-5-6-8-10 mm	340	70301
Clip holder	3/32-1/8-5/32-3/16-1/4-5/16-3/8"	340	70302
Ring	2-2,5-3-4-5-6-8-10 mm	250	321300

Screw Extraction Sets

For boring out broken screws or bolts for threads M 5 - M 16

INSTRUCTIONS FOR USE

1. Apply bore with guide bush and the appropriate, ground HSS drill bit. Pre-bore for screws 7 mm diameter and above
2. Insert boring stud (no deformation of the drilled workpiece)
3. Attach boring nut and turn with spanner, do not tilt
4. Use special guide bushes for sunken or protruding rupture points




Instructions for screw extraction

For rough-running threads, spray on solution or apply heat. Boring studs are made of high-quality material, therefore they do not twist or heat up

Screw Extraction Sets

Packaged in handy plastic box with spiral drills, guide bushes, boring studs and boring nuts

Set	Set contains complete for	Contains piece	 g	No.
Size 1	M 5 - M 12	21 pieces	450	71310
Size 2	M 5 - M 16	25 pieces	580	71311

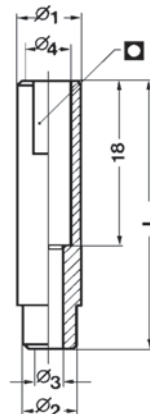
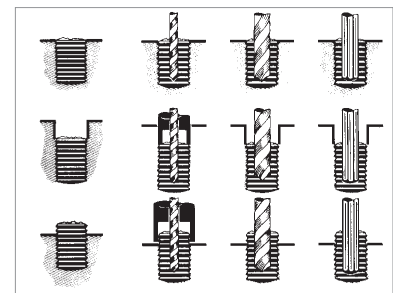




Fig. Screw Extraction Set, 25 pieces



For thread	Guide bush size	Guide bush No.	 mm	Pre-boring- No.	 mm	Boring No.	Boring stud size	Boring stud No.	Boring nut hex for size	Boring nut No.
M 5	Size 1	71291			3.2	71301	Size 1	71281	Size 1/SW10	71286
M 6	Size 2	71292			3.2	71301	Size 1	71281	Size 1/SW10	71286
M 7	Size 3	71293	3.2	71301	4.8	71302	Size 2	71282	Size 2/SW11	71287
M 8	Size 4	71294	3.2	71301	4.8	71302	Size 2	71282	Size 2/SW11	71287
M 9	Size 5	71295	4.8	71302	6.4	71303	Size 3	71283	Size 3/SW13	71288
M 10	Size 6	71296	4.8	71302	6.4	71303	Size 3	71283	Size 3/SW13	71288
M 12	Size 7	71297	4.8	71302	8.0	71304	Size 4	71284	Size 4/SW14	71289
M 14	Size 8	71298	6.4	71303	8.7	71305	Size 5	71285	Size 5/SW17	71290
M 15	Size 9	71299	6.4	71303	8.7	71305	Size 5	71285	Size 5/SW17	71290
M 16	Size 10	71300	6.4	71303	8.7	71305	Size 5	71285	Size 5/SW17	71290

General-Purpose Tools

Cutting Discs

Cutting Disc Assortment

For burr-free and quick cutting of stainless steel, steel, cast iron and stone

Description	No.	Alloyed and unalloyed steel	High strength steel	Tool steel	Rust- and acid-resistant steel	Edged steel profiles	Steel panel	Welded joints	Edged stainless steel profiles	Cast	Aluminium alloying	Copper	Brass / Bronze
Cutting disc INOX Profi Plus (115 x 1 x 22)	071533D	●	●	●	●	●	●	●	●	○	●	●	●
Cutting disc INOX Profi Plus (125 x 1 x 22)	071534D	●	●	●	●	●	●	●	●	○	●	●	●
Grinding/Cutting disc INOX Safe Cut (115 x 2 / 1 x 22)	071551D	●	●	●	●	●	●	●	●	●	●	●	●
Grinding/Cutting disc INOX Safe Cut (125 x 2 / 1 x 22)	071552D	●	●	●	●	●	●	●	●	●	●	●	●
Grinding/Cutting disc INOX 2 in 1 (115 x 2,5 x 22)	071553D	●	●	●	●	●	●	●	●	●	○	○	○
Grinding/Cutting disc INOX 2 in 1 (125 x 2,5 x 22)	071554D	●	●	●	●	●	●	●	●	●	○	○	○

●● = very well suited ● = well suited ○ = partially suited

INOX PROFI PLUS

Grinding / cutting discs for stainless steel (1 mm)

For thin sheet metal (e.g. in body work, tank equipment and container construction), steel cable, thin-walled profiles and pipes made of stainless steel and NE metals, composite materials (GFK), high-temperature materials

- This very thin wheel enables a one-of-a-kind clean cut with a minimum of effort in a short amount of time
- Millimetre accurate use, vibration-free operation without thermal blue discolouration or burr formation (burr-free)



Model	Dimensions mm	g	g	g	No.
Profi Plus box 115	115 x 1.0 x 22	350	1(10)	25	071533D
Profi Plus box 125	125 x 1.0 x 22	450	1(10)	25	071534D



SAFE CUT

Cut-off disc for steel and stainless steel

- One-of-a-kind conical form that prevents the cut-off wheel from getting jammed in the workpiece and avoids the dangerous "Kick-Back"-Effect
- The profiles tapers from a 2 mm outside thickness to 1 mm on the inside, thus the cutting behaviour is optimised
- Comfortable, simple cutting with absolute peace-of-mind



Model	Dimensions mm	 g		No.
Safe Cut box 115	115 x 2/1 x 22	350	1(10)	071551D
Safe Cut box 125	125 x 2/1 x 22	450	1(10)	071552D



2 IN 1

Cut-off and grinding disc for steel and stainless steel

- Fast cutting and side grinding in one step
- For cutting at a comfortable speed
- Instant (without changing wheel) deburring, chamfering and grinding
- The lateral load is certified (CN 12413)

Model	Dimensions mm	 g		No.
2in1 box 115	115 x 2,5 x 22	550	1(10)	071553D
2in1 box 125	125 x 2,5 x 22	650	1(10)	071554D



2 in 1!



Follow all manufacturers instructions



Don't rough down



Follow work safety measures



Do not use defective grinding/cutting discs




PROFI PLUS

Twist drill set DIN 338 Type N

HSS rolled, all drill diameters
in 0.5 mm diameter steps





No. 816990

Model	Drill range mm	Number drills	 g	No.
In steel box	1.0 - 10.0	19 pc.	710	817000
In steel box	1.0 - 13.0	25 pc.	1400	817003
In round box	1.0 - 10.0	19 pc.	465	816990





No. 817000

 mm	No.	 mm	No.
1.0	817012	6.5	817067
1.5	817017	7.0	817072
2.0	817022	7.5	817077
2.5	817027	8.0	817082
3.0	817032	9.0	817092
3.5	817037	9.5	817097
4.0	817042	10.0	817102
4.5	817047	10.5	817104
5.0	817052	11.0	817106
5.5	817057	11.5	817108
6.0	817062	12.0	817110

HM-Stone Drill

High-performance drill made with carbide





 mm	No.	 mm	No.
4	112040	9	112049
5	112042	10	112050
6	112044	12	112052
7	112046	13	112053
8	112047	14	112054

Flat Center Bit

For precise drilling depth



 mm	No.	 mm	No.
10	464010	28	464028
12	464012	32	464032
14	464014	35	464035
16	464016	38	464038
18	464018	40	464040
20	464020	Extension	463610
25	464025	6 x 300 mm	

General-Purpose Tools

Drill Bits

Chassis Punch

Chassis Punch for uniform deformation-free punching of sheets, steel sheets, V2A sheets, copper and aluminium



KEY FEATURES

- Ideal for tight spaces such as fuse boxes, junction boxes, instrument panels, sinks, car bodies
- Special tool steel, burnished
- Guaranteed long service life
- Material thickness up to max. 4 mm



Metric tension screw with highest quality grade 129 (from Ø 152 mm)

Extremely durable

Optimum support due to 3-point cut

Clean cutting process



Fig. Chassis Punch

mm	Through - size	g	No.
28.3	PG21	220	21828
32		260	021832X
34		260	21834
35		270	21835
36		270	21836
38		370	21838

5-piece set (No. 21801) includes: 1 Chassis Punches Ø 28.3 mm (No. 21828), 32 mm (No. 21832), 35 mm (No. 21835), spare screw in plastic case

Model	g	No.
Chassis Punch, 5 pieces	750	21801
Spare screw M10 x 1.0 for Ø 16-38 mm		21902
Spare screw M12 x 1.5 for Ø 39-50 mm		21903
Spare screw M16 x 1.5 for Ø 51-65 mm		21904

UNIDRILL®

HSS stepped drill bit



In one step, sheets can be centred, spot drilled, drilled and deburred



No. 21313



3-piece set (No. 21313) includes: Stepped drill bit size 1 (No. 21305), size 2 (No. 21306) and size 3 (No. 21307), in steel case

Model	 mm	 g	No.
UNIDRILL stepped drill bit set, 3 pieces 4.0 - 30.0	660	21313	



Size	mm	L mm	Shaft mm	g	No.
1	4 - 12	65	6	22	21305
2	4 - 20	75	8	60	21306
3	4 - 30	100	10	185	21307

UNIDRILL®

HSS sheet metal cone bit

Step-less and burr-free drilling of holes without deformation, suitable for even the thinnest of sheets, no pre-drilling, can be re-polished, with spot drilling tip for size 3 and above

3-piece set (No. 21750) includes: Sheet metal cone bit size 1 (No. 21541), size 2 (No. 21542) and size 3 (No. 21543), in plastic cartridge

Size	 mm	Shaft mm	 g	No.
UNIDRILL set with drill paste			3.0 - 30.5	380
2	71	8	5.0 - 20.0	56
3	76	9	16.0 - 30.5	120
EVERCOOL drill paste, 50 g				80




Burr-free drilling



HSS Bimetal Hole Saws


Suitable for carbon steel (up to 700 N/mm² strength), non-ferrous and light metals, plastics, plaster, light construction, fibre, plywood and wood processing

Sets include: Hole Saw Set in plastic case, adaptor holder A1 (No. 114161) and A2 (No. 114162) with center drill, plastic case

Hole Saw Sets	 kg	No.
19 - 22 - 29 - 38 - 44 - 57 mm	1.27	114201
19 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 64 mm	1.70	114202

Adaptor Holder

For HSS Bimetal hole saws with center drill

Type	for Hole saw	Adaptor	 g	No.
A1	up to 30 mm	12 mm - hex	75	114161
A2	32 up to 152 mm	12 mm - hex	230	114162
Spare center drill, HSS		6.35 mm	20	114171
Extension 300 mm				114175



No. 114201



No. 114161




No. 114162




No. 114171



HSS Bimetal Hole Saws

 mm	for use with holder	No.
14	A1	114014
16	A1	114016
17	A1	114017
19	A1	114019
22	A1	114022
25	A1	114025
28	A1	114028
29	A1	114029
30	A1	114030
32	A2	114032
33	A2	114033
35	A2	114035
36	A2	114036
37	A2	114037
38	A2	114038
40	A2	114040
41	A2	114041
43	A2	114043
44	A2	114044
46	A2	114046
48	A2	114048

 mm	for use with holder	No.
51	A2	114051
52	A2	114052
54	A2	114054
57	A2	114057
60	A2	114060
65	A2	114065
64	A2	114064
67	A2	114067
70	A2	114070
79	A2	114079
83	A2	114083
89	A2	114089
92	A2	114092
98	A2	114098
102	A2	114102
105	A2	114105
111	A2	114111
114	A2	114114
127	A2	114127

General-Purpose Tools

Drill Bits

UNICUT HM

Carbide-tipped hole saws for cutting circular holes
Ø 16 - 140 mm (5/8 - 5.1/2") without impact



Product Profile

APPLICATION AREA

For stationary and free-hand cutting of circular holes. For iron, steel, V2A - V4A, cast, copper, bronze, aluminium, zinc, plastic, fibre-glass, chipboard and wood, light construction plaster boards without impact

KEY FEATURES

- For use even in high-speed hand drills and stand-mounted drilling machines due to anti-slip shaft
- Positive cutting angle for good chip removal
- Includes adaptor holder and replaceable HSS-Co5 centring drill up to 4 mm sheet thickness, cutting depth 10 mm



UNICUT HM

Hole saw set



Fig. UNICUT HM hole saw set



Set (No. 21300) includes: Hard metal hole saws, cutting spray 50 ml and spare centering pin HSS 6 mm (No. 21394), in plastic case

Model	g	No.
UNICUT HM Set 22 - 25 - 28 - 32 - 35 mm	950	21300
Spare centering pin HSS 6 mm		21394
Spare centering pin HSS 8 mm		21395

mm	inch	g	No.	mm	inch	g	No.
16	5/8"	100	21316	30		140	21330
17		110	21317	31		180	21331
18		110	21318	32	1.1/4"	180	21332
19	3/4"	120	21319	33		180	21333
20		120	21320	34		180	21334
21		120	21321	35	1.3/8"	190	21335
22	7/8"	120	21322	36		190	21336
23		140	21323	37		190	21337
24		140	21324	38	1.1/2"	190	21338
25	1"	120	21325	39		190	21339
26		130	21326	40		200	21340
27		130	21327	41	1.5/8"	200	21341
29		140	21329	42		200	21342
				43		210	21343

mm	inch	g	No.	mm	inch	g	No.
44		210	21344	70	2.3/4"	390	21370
45	~1.3/4"	210	21345	75	3"	400	21375
46		210	21346	80	~3.1/8"	420	21380
47		210	21347	85	~3.3/8"	450	21385
48	~1.7/8"	220	21348	90	~3.9/16"	550	21386
49		230	21349	95	3.3/4"	580	21387
50		250	21350	100	4"	590	21388
51	2"	260	21351	110	4.3/8"	700	21389
52		270	21352	120	4.3/4"	830	21390
53		270	21353	130	5.1/8"	880	21391
54	2.1/8"	280	21354	140	5.1/2"	880	21392
55		280	21355				
60	2.3/8"	360	21360				
65	2.5/8"	390	21365				



Hammers, Chisels, Pin Punches

Fitter's Hammer

Complies with **DIN 1041**, hickory wooden handle, head secured by sealed shaft

DIN
-Norm





Head weight 	Total weight 	No.
300	470	322823
400	590	322824
500	670	322825
800	1,180	322827
1000	1,210	322828

Lump Hammer

Complies with **DIN 6475**, hickory wooden handle, head secured by sealed shaft

DIN
-Norm



Head weight 	Total weight 	No.
1000	1,170	322921
1250	1,380	322922
1500	1,670	322923
2000	2,250	322924

Centre Punch

Tip and cone polished, shaft: octagonal, complies with **DIN 7250**. Chrome vanadium steel, air-hardened and forged

DIN
-Norm

Cone tip 	mm	Shaft		No.
4	120	10	50	77279



DIN
-Norm

Chisel

Safety tempered impact heat

- Silver lacquered tip
- Chrome manganese silico



No. 77050





No. 77072



No. 77164



No. 25811

Model	Length mm	Shaft mm	Cutting Width mm	without hand protection 	No.	with hand protection 	No.
Mason Chisel, flat	300	16	22	470	77033	560	77050
Mason Chisel, pointed	300	16	—	455	77072	545	77090
Electrician Chisel	250	8	13	95	77164		
Slotted Chisel	235	26 x 7	26	245	25811	345	25810

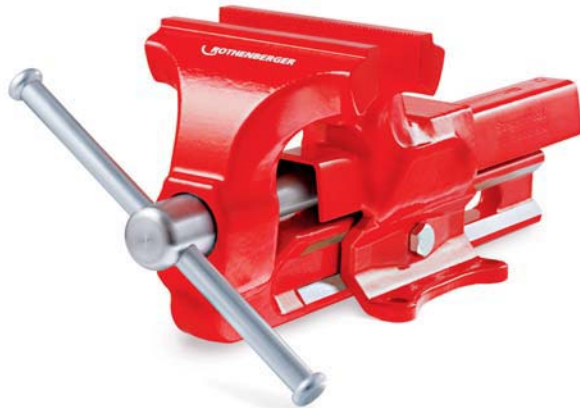
General-Purpose Tools

Vices

Parallel Vice

With forged and hardened pipe jaws, steel forged underneath the parallel vice jaws

- Non-breakable
- Protected, powerful spindle with trapezoidal thread
- Re-adjustable double-sided guide
- Anvil base for levelling and compressing work



Jaw width mm	Clamping width mm	Clamping depth mm	for pipes inch	for pipes mm	kg	No.
120	125	65	3/8 - 1.1/2"	16 - 55	8.7	70705X
140	150	80	3/4 - 2"	27 - 70	15.6	70735X

Chain Pipe Vice

Tough, powerful design with V-shaped support, bending device, pipe support, wear-resistant jaws are forged and hardened, powerful chain, quick fastening due to offset lever and pre-tensioning screw, simple conversion to other pipe diameters, extremely robust powder epoxy coating

- V-shaped pipe supports with teeth and bridge prevent undesired bending during clamping
- Exchangeable jaws



For pipes / inch	for pipes / mm	kg	No.
1/8 - 21/2"	10 - 76	3.8	70713
Spare jaw		0.7	70734
Spare chain		0.5	70731
1/8 - 4"	10 - 114	6.2	70714
Spare jaw		0.8	70721
Spare chain		0.6	70732
1/8 - 6"	10 - 165	9.3	70715
Spare jaw		0.9	70722
Spare chain		1.3	70733

Pipe Vice

Foldable, with automatic closing hook, upper jaw and lower support jaw milled and hardened. Powerful smooth-running spindle. Durable epoxy-powder coated

- Reliable hold: Pipe support and movable upper jaw



For pipes / inch	for pipes / mm	kg	No.
1/8 - 2"	10 - 60	3.7	70710
Spare jaws (contains 3 pcs.)		0.2	70670
1/8 - 3"	10 - 89	7.9	70712
Spare jaws (contains 3 pcs.)		0.2	70672
1/8 - 4"	10 - 114	11.7	70711
Spare jaws (contains 3 pcs.)		0.2	70671

ROBOY® Clamping Workbench

For on-site repair and service work

- Portable, handy and practical workbench with the smallest dimensions
- Mountable on door frames or walls: Prevents floor damage and saves space
- Pressure plate is coated with rubber to protect against damage
- Spindle with trapezoidal thread for quick adjustment
- With height-adjustable support pipe for additional stability



Parallel Vice (No. 70705X) and rotatable table not included

Model	Dimensions / mm	kg	No.
ROBOY®	650 x 400	14.9	70700

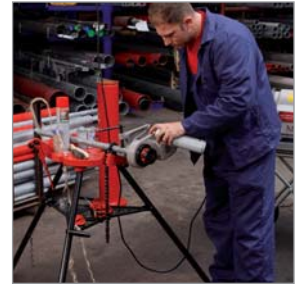
Tripod Uni Workbench

with / without integrated chain vice

- Collapsible, extremely stable frame
- Attachment of various tools is possible
- Screw fixture for 1" pipe to enable overhead support of the unit
- without integrated chain vice**
- Bending of pipes Ø 3/8" - 1/2" - 3/4"
- without integrated chain vice**
- Bending of pipes Ø 3/8" - 1/2" - 3/4"
- Universal vice attachments applicable for pipe vice (No. 70710) and chain pipe vices (No. 70713, 70714, 70715)



No. 70752



No. 70740



No. 70751

Working Unit

with pipe vice 1/8 - 2"

- Collapsible, stable, non-slip frame,
- with folding pipe vice, bending holes and large tool tray

Description	kg	No.
Tripod universal workbench with chain vice	16.0	70752
Tripod universal workbench without chain vice	15.3	70751
Tool 1/8" - 2"	21.0	70740

Telescopic Workbench

- Stable, collapsible steel tube frame with the smallest dimensions
- Portable, handy and practical
- With tough beech wood plate for an optimal work surface
- Steel edges all around: ideal for vice machining
- Individually removable supporting legs for working steps with ease



Model	Size mm	kg	No.
Telescopic workbench	700 x 450 x 30	17.4	070699X

Universal Workbench

- Stable and tough, easy to transport: collapsible tubular frame
- Optimum work surface: work plate made of processed beech wood
- Model "Pipe-fitter" Steel edges all around: ideal for vice machining



Model	Size mm	kg	No.
Installer	1200 x 550 x 835	30	070690X
Pipe-fitter	1000 x 700 x 835	32	70696
Pipe-fitter	1200 x 750 x 835	38	70698

General-Purpose Tools

General Aids & Tool Bags

Hemp Dispenser with Roll / Teflon Sealing Tape



No. 70623



No. 855360

Model		No.
Roll 40 g / 40 m	1	70623
12 m on plastic bobbin	1	855360

All-purpose Marker

Writes on tile and glass



Carpenter Pencil



Model		No.
All-purpose Marker	1	856911
Carpenter pencil	1	856907

Cutter Knife



Model		No.
Cutter knife incl. 4 blades, 18mm	1	1500000087
Blades for cutter knife (10 piece)	1	1500000088

Tool Bag "Trendy"

- Lots of storage room for all your tools

Tool Bag

- Offers a lot of pockets and tool holders with a waterproof plastic bottom

Tool Backpack

- Two spacious compartments and a comfortable rubber handle offers a good alternative to a classic bag

Tool Bag "Heavy Duty"

- Especially stable with the stable plastic bottom



Volume:
ca. 42 l



Volume:
ca. 30 l



Volume:
ca. 21 l



Volume:
ca. 30 l

Model		No.
Trendy Tool Bag (380 x 300 x 370 mm)	1	402311
Tool Bag (450 x 285 x 335 mm)	1	1500001320

Model		No.
Tool Backpack (410 x 295 x 240 mm)	1	1500001319
Heavy Duty Tool Bag (620 x 250 x 350 mm)	1	402317

Tool Box Apprentice

- Lots of storage room for all your tools

Belt Bag

- Very light, handy bag for the most important tools
- Keeps the tools organized and easy to grab when needed

Shoulder Toolbox "Trendy"

- Very light, handy bag for the most important tools

Tool Roll Cover

- Ideal for hand tools with straps and flaps inside the roll cover



Volume:
ca. 2,5 l



Volume:
ca. 11 l



Model		No.
Tool Box Apprentice	1	402312
Belt Bag (250 x 120 x 310 mm)	1	1500001460

Model		No.
Trendy Shouldertoolbox (250 x 220 x 140 mm)	1	402308
Tool roll cover (730 x 300 mm)	1	1500001468

Service Case 40 parts

High-quality hard protective service case with all round edge protection, solid and hardened aluminium frame and ergonomic handle

- 2 tool boards with 4 sides for adding tools
- 1 bottom case for modular arrangement
- 1 document case in cover
- Dimension: 470 x 200 x 360 mm



Set (No. 1000000420) includes: TUBE CUTTER 35 DURAMAG (6 - 35 mm), Telescopic Basin Nut Wrench (10 - 32 mm), Saw Bow ROBO Super (SW 300), 10x Hand saw blade BI-METAL HSSE 4 Plus (300 mm), corner pipe wrench Super "S" (1.1/2"), Wapu SP (10"), Express Spanner (M10, with 17 x 19), Screwdriver Set EUROLINE (2 x PH, 4 x Slot), aluminium spirit level (400 mm), carpenter pencil (graphite, 240 mm), Cutter Knife, Hammer with hickory wooden handle (300 g), Electrician Chisel, flat (250 x 8 mm, square), Double-end Box Wrench (6 - 32 mm, 12 pcs.), Service Case

Model		No.
Service Case, 40 pieces	1	1000000420

Service Case 67 parts

High-quality hard protective service case with all round edge protection, solid and hardened aluminium frame and ergonomic handle

- 2 tool boards with 4 sides for adding tools
- 1 bottom case for modular arrangement
- 1 document case in cover
- Dimension: 470 x 200 x 360 mm

Tested in continuous operation up to 25 kg



Set (No. 1000000430) includes: Bricklayer's Chisel, Hole Punch (32 mm), One-handed Pipe Wrench STILLSON (14"), corner pipe wrench Super "S" (1"), Adjustable Wrench (6", with up to 29 mm), Ratchet Spanner open (ROCKCLICK, 13 mm and 17 mm), ROGRIP "S" (7", 10"), ROCUT TC (6 - 42 mm), carpenter pencil (graphite, 240 mm), wooden ruler (2 m), Cutter Knife, measuring tape ROMATIC (3 m), aluminium spirit level (400 mm), Screwdriver Set EUROLINE (2 x PH, 4 x Slot), Basin Nut Wrench (3/8 - 1"), Express Spanner (M10, with 17 x 19), MINICUT I Pro (3 - 16mm), TUBE CUTTER 35 DURAMAG (6 - 35 mm), Saw Bow ROBO Super (SW 300), 10x Hand saw blade BI-METAL HSSE 4 Plus (300 mm), Hammer with hickory wooden handle (300 g), Ratchet 1/2", R/L, Uni small saw, PUK, adjustable, with blade (190 / 310 mm), 12x Saw Blade for PUK saw (metal, 150 mm / 32Zp), Allen Key Set, fold-up (7 pcs., 2.5 - 10 mm), PLASTICUT (50 mm), Basin Nut Wrench (10 - 32 mm), Tap Extension Key with 12 x 17, Combination Pliers (180 mm), scraper (40 mm), Edge Cutter (160 mm), Combination Spanner Set (8 - 22, 8 pcs.), Service Case

Model		No.
Service Case, 67 pieces	1	1000000430

Apprentice Set

Tough installation toolbox completely equipped with all the tools the craftsman needs

- Extensive and practical tool assortment
- Case made of galvanized steel
- Dimension: 530 x 200 x 200 mm

Set (No. 19166) includes: Water pump wrench type "SP" 10", corner pipe wrench Super "S" (1"), ALU-spirit level, anodized. (500 mm), hacksaw frame (300 mm), 10 x HSSE 4 PLUS saw blades, fitter's hammer (300 g), lump hammer (1250 g), PUK-hacksaw (290 mm) + 12 x saw blades, basin nut wrench, stone chisel (300 x 16 mm) flat, express spanner, UNI-stepped key + ratchet, EUROLINE screwdriver set (Phillips), chassis punch (32 mm round), Allen key set, 7-piece, wooden ruler (2m), carpenter pencil, TUBE CUTTER 35 (6-35 mm), MINICUT I PRO (3-16 mm), extension key, corner pipe wrench Super "S" (1.1/2"), cutter knife, ROGRIP F (10"), Sanitary Four Way Key, installer toolbox

Model		No.
Apprentice set, 50 pieces	1	19166
Installer toolbox	1	402312

