





#### **Product Profile**

#### **KEY FEATURES**

- 1 Ideal with 50% faster calibration and twice the number of adjustable positions (14)
- 2 Easily adjustable by pressing the button
- 3 Reliable, zero-play and positioning is gentle on material
- 4 Extremely durable (61 HRC)
- **5** Gripping and holding of rounded, squared and flat workpieces

#### **TECHNICAL DATA**

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

Polished head and joint

Double hardened jaws, extremely durable (61 HRC)

Patent-pending, closed positioning system for reliable, zero-play and gentle positioning

Safety lock prevents unintentional opening









ROTHENBERGER

No. 7.0532D





Grips sheets

ROFASTLOCK

ROFASTLOCK

ROFASTLOCK

**ROFASTLOCK 7** 

10" / 250

12"/ 300

Display

with hanger



ROFASTLOCK 10" with hanger

ROFASTLOCK 12" with hanger

Grip in confined spaces

1(10)

1.1/4"/32

1.1/2"/42



7.0532

7.0532D

7.0532E

7.0531E

7.0533E

7.0533

#### **ROGRIP**

Self-positioning multi-purpose pliers



#### **Product Profile**

#### **KEY FEATURES**

- ◆ Automatic fit on a wide range of materials up to Ø 42 mm, with one handed operation, even for larger pipe diameters
- 2 Optimum force transmission
- 3 Firm grip on any surface, even under the toughest conditions

#### TECHNICAL DATA

Chrome vanadium steel Drop forged steel Double hardened teeth







Grips pipes



Grips hexagonal



Grips sheets



Grips installation connections





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







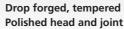
#### **Product Profile**

#### **KEY FEATURES**

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

#### **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





No. 7.0527



290

6

1(12)

7.0528

7.0528D

7.0529

32

10"

12"

250

10" counter display

1.1/4



#### **Water Pump Pliers**

#### **Water Pump Pliers SP Counter Display**

Counter display includes 12 water pump plies type SP 10"









inch	mm	<b>►</b> ○ <b>◄</b> max. inch	<b>►</b> max. mm	$\Delta_{kg}\Delta$		No.
Counte	er displa	ıy		3.6	1(12)	7.0528D
10"	250	1.1/4"	32	0.3		





#### **Water Pump Pliers Type SPK**

#### **KEY FEATURES**

• Features similar to type SP, in addition:

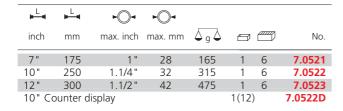
Increased safety: Plastic covered handles













#### **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**

- Completely relieves the joint screw with relief-milled grooves
- 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

<u>L</u> ⊲	<u>L</u> ⊲	<b>-</b>	<b>-</b> 0-			
inch	mm	max. inch	max. mm	$\Delta_g \Delta$		No.
9.1/2"	245	1.1/2"	38	330	6	7.0591
12"	300	2"	60	560	6	7.0592
16"	420	4"	100	1150	6	7.0593









**Practical tool sets for professionals** 





**3-part** set (No.7.0130X) includes: Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), 2" (No. 7.0124X)

**4-part** set (No. 7.0135X) includes: Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), W/P pliers 10" (No. 7.0528), TUBE CUTTER 35 (No. 7.0027)

**3-part** set (No. 7.0140X) includes: Pipe wrench 1" (No. 7.0122X), 1.1/2" (No. 7.0123X), W/P pliers 10" (No. 7.0528)

No. 7.0528

Model	$\Delta_{kg}\Delta$		No.
Set 1 - 1.1/2 - 2"	5.0	1	7.0130X
Set 1 - 1.1/2" + WP Pliers SP 10 + TC 35	3.1	1	7.0135X
Set 1 - 1.1/2" + WP Pliers SP 10"	2.7	1	7.0140X
Tool bag "Trendy"	1.8	1	40.2311

#### ACCESSORIES





Description	∆ <sub>g</sub> ∆		No.
Spare cutter wheel for TC 35 CU	100	1(5)	7.0017D

#### **Corner Pipe Wrench 45° "SUPER S"**

#### **KEY FEATURES**

- 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
- Self-clamping: 3-point clamping ensures reliable and firm grip even on smooth pipes

#### **TECHNICAL DATA**

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







inch	mm	<u>L</u> inch	mm	ΔgΔ			No.
1/2"	22	10"	250	400	1	18	7.0121X
1"	35	12"	300	810	1	18	7.0122X
1.1/2"	46	16"	420	1.440	1	16	7.0123X

inch	mm	inch	mm	$\Delta_{g}\Delta$			No.
2"	65	20"	540	2.440	1	10	7.0124X
3"	80	24"	640	3.400	1	6	7.0125

#### **Corner Pipe Wrench 45°**

#### **KEY FEATURES**

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







inch	mm	inch	<b>⊫</b> L∎ mm	$\sqrt{g}$			No.
1/2 " 1 "	22 35	10" 12"	250 300	370 740	1	6	7.0131X 7.0132X

inch	mm	inch	mm	ΔgΔ		No.
1.1/2"	46	16"	420	1.340	1	7.0133X
2"	65	20"	540	2.400		7.0134X

#### **Pipe Wrench 90°**

#### **KEY FEATURES**

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







	inch	mm	inch	mm	$\sqrt{g}$			No.
ĺ	1"	35	12"	300	740	1	8	7.0110X
	1.1/2"	46	16"	420	1.340	1	6	7.0111X
	2"	65	20"	540	2.400	1	6	7.0112X

inch	mm	<b>▶</b> —■ inch	<b>⊫</b> ∟ mm	$\sqrt{g}$		No.
3"	100	24"	640	3.400	1	7.0113
4"	140	36"	750	5.600	1	7.0114

#### **One Handed Pipe Wrenches**

#### One Handed Pipe Wrench "HEAVY DUTY"

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

#### **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





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



	inch	mm	inch	mm	$\sqrt[]{\log}$		No. pliers	No. hook	No. jaws
Ī	8"	200	1/2 "	22	0.40	4	7.0150	7.0200	7.0190
	10"	250	1.1/2"	49	0.78	4	7.0151	7.0201	7.0191
	12"	300	2"	60	1.25	4	7.0152	7.0202	7.0192
	14"	350	2"	60	1.68	4	7.0153	7.0203	7.0192
	18"	450	2.1/2"	76	2.67	2	7.0154	7.0204	7.0194
	24"	600	3"	90	4.32	1	7.0155	7.0205	7.0195
	36"	900	5"	140	7.92	1	7.0156	7.0206	7.0196
	48"	1200	6"	166	15.80	1	7.0157	7.0207	7.0197

#### **One Handed Aluminium Pipe Wrench**

#### **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



<u>L</u> inch	<b>L</b> mm	inch	mm	$\sqrt{\log \lambda}$		No. pliers	No. hook	No. jaws
10"	250	1.1/2"	49	0.48	4	7.0159	7.0201	7.0191
14"	350	2"	60	0.99	4	7.0160	7.0203	7.0192
18"	450	2.1/2"	76	1.63	2	7.0161	7.0204	7.0194
24"	600	3"	90	2.51	1	7.0162	7.0205	7.0195
36"	900	5"	140	5.00	1	7.0163	7.0206	7.0196
48"	1200	6"	166	8.42	1	7.0164	7.0207	7.0197

#### One Handed Pipe Wrench "STILLSON"

#### KEY FEATURES

- Features similar to HEAVY DUTY
- Hardened adjustment nut presses onto the handle during use and prevents undesired re-adjustment
- 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



	inch	mm	inch	mm	$\sqrt[]{\log \lambda}$			No. pliers	No. hook
ı	8"	200	3/4"	27	0.28	1	4	7.0350	7.0374
	10"	250	1"	34	0.59	1	4	7.0351	7.0375
	12"	300	1.1/4"	43	0.79	1	4	7.0352	7.0376
	14"	350	1.1/2"	49	1.04	1	4	7.0353	7.0377
	18"	450	2"	60	1.82	1	2	7.0354	7.0378
	24"	600	2.1/2"	76	3.08	1	1	7.0355	7.0379
	36"	900	3.1/2"	102	5.69	1	1	7.0356	7.0380



#### **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

	inch	mm	inch	mm	ΔgΔ		No. pliers	No. hook	No. jaws
ĺ	10"	250	1.1/2"	49	750	4	7.0166	7.0201	7.0191
	14"	350	2"	60	1460	4	7.0167	7.0203	7.0192







#### **One Handed Corner Pipe Wrench 90°**

#### **KEY FEATURES**

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

inch	mm	inch	<b>►</b> O-	ΔgΔ		No. pliers	No. hook	
14"	350	2"	60	890	1	7.0115	7.0203	7.0192
18"	450	2.1/2"	76	1490		7.0116	7.0204	7.0194



#### 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

<b>►</b> max. inch	<b>►</b> ○ <b>◄</b> max. mm	inch	mm	ΔgΔ			No.
4"	115	12"	300	780	1	4	7.0235



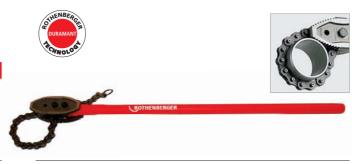
#### **Chain Pipe Wrench "HEAVY DUTY"**

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

►O¬ max. inch	<b>►</b> max. mm	jaws width mm	mm	$\sqrt[]{\log \Delta}$	No. pliers	No. jaws
1.1/2"	49	38	350	1.4	7.0242 7	.0571
2.1/2"	76	52	690	3.5	7.0243 7	.0572
4"	115	63	940	6.7	7.0244 7	.0573



max. inch	<b>►</b> ○ <b>◄</b> max. mm	jaws width mm	mm	$\sqrt[]{\log \Delta}$	No. pliers	No. jaws
6"	166	78	1120	12.6	7.0245	7.0574
8"	220	80	1280	17.2	7.0246	7.0575
12"	324	84	1630	24.2	7.0247	7.0576







#### **Product Profile**

#### **KEY FEATURES**

- Optimal for confined spaces
- 2 Precise cut with the exact telescopic guide
- 3 Quick adjustment of the working area
- 4 Spare cutter wheel in handle
- **5** Cuts near to flares are possible
- 6 Retractable internal pipe deburrer
- Strong and extremely stable

#### TECHNICAL DATA

#### TC 35 / TC 42

For copper, brass, aluminium, thin-walled steel pipes TC 35 Ø 6 - 35 mm / TC 42 Ø 6 - 42 mm

#### TC 35 MSR / TC 42 Pro MSR

PE, PP, PVDF, plastic coated pipes, PVC hard plastic pipes TC 35 MSR Ø 6 - 35 mm / TC 42 Pro MSR Ø 6 - 42 mm

#### INOX TC 35 / INOX TC 42 Pro

Stainless steel pipes

INOX TC 35 Ø 6 - 35 mm / INOX TC 42 Ø 6 - 42 mm







For MSR-pipes

Retractable internal pipe deburrer



For INOX (Stainless Steel)-pipes

Cuts near to flares



For refrigeration technology



#### **TUBE CUTTER 35 DURAMAG® Counter Display**

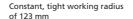
Includes 6 TUBE CUTTER 35 DURAMAG®



- Improved performance
- Higher stability with noticeably less weight

100% magnesium body = 30% lighter









Model	mm	inch	ΔgΔ			No.
TUBE CUTTER 35 DURAMAG (Cu, brass, Al, thin-walled pipe)	6 - 35	1/4" - 1.3/8"	255	1	4	7.0027
TUBE CUTTER 35 DURAMAG Display	6 - 35	1/4" - 1.3/8"	1,700		6	7.0027DB
TUBE CUTTER 35 C (for refrigeration)	6 - 35	1/4" - 1.3/8"	470	1	4	7.0027C
TUBE CUTTER 35 DURAMAG MSR	6 - 35	1/4" - 1.3/8"	470	1	4	7.0108
TUBE CUTTER 42 PRO (Cu, brass, thin-walled steel pipe)	6 - 42	1/4" - 1.5/8"	540	1	4	7.0029
TUBE CUTTER 42 PRO MSR	6 - 42	1/4" - 1.5/8"	540	1	4	7.0109
TUBE CUTTER 42 PRO PVC	6 - 42	1/4" - 1.5/8"	540	1	4	7.0072
INOX (Stainless steel) TUBE CUTTER 35 PRO DURAMAG	6 - 35	1/4" - 1.3/8"	470	1	4	7.0055
INOX (Stainless steel) TUBE CUTTER 42 PRO	6 - 42	1/4" - 1.5/8"	540	1	4	7.0070

#### **ACCESSORIES**

Description		No.
Internal/external deburrer	121	7.0075
GRATFIX	121	2.1655
UNIGRAT	121	2.1660
Spare cutter wheel	124	









#### **ROTRAC 28 / 42 PLUS**

**High-precision pipe cutter** Ø 3 - 42 mm (1/8 - 1.5/8")



#### **KEY FEATURES**

- Constant working radius
- Cast aluminium design
- Protection of the cutter wheel with the rolling stop
- Retractable internal deburrer and spare cutter wheel in handle
- Protected screw spindle protection against dirt and jamming



Model	<b>►</b> mm	<b>▶</b> inch	$\sqrt{g}$	No.	Description	$\langle g \rangle$	No.
TUBE CUTTER 28	3 - 28	1/8 - 1.1/8"	220	7.0010	Spare cutter wheel (contains 5 pcs.) Cu, Al, brass	20	7.0007D
TUBE CUTTER 42	6 - 42	1/4 - 1.5/8"	255	7.0011	Spare cutter wheel (contains 1 pc.) stainless steel / INOX	20	7.0007X
ROTRAC 28 PLUS	3 - 28	1/8 - 1.1/8"	220	7.0098	Spare axle	5	7.0080
ROTRAC 42 PLUS	6 - 42	1/4 - 1.5/8"	255	7.0099			

#### **MINICUT I PRO/II PRO**

Copper pipe cutter Ø 3 - 22 mm (1/8 - 7/8")







#### **KEY FEATURES**

- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (38 mm and/or 1.1/2 " I PRO/42 mm and/or 1.5/8 " II PRO) allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	<b>►</b> O	<b>▶</b> ○ <b>◄</b> inch	∑g ∆	<b>a</b>		No.
MINICUT I PRO	3 - 16	1/8 - 5/8"	115	1	4	7.0401
MINICUT II PRO	6 - 22	1/4 - 7/8"	125	1	4	7.0402
MINICUT I PRO Dis	play (incl.	20 x 7.0017	)	1(20)		7.0401D
Spare cutter whee	(contains	5 pcs.)	20	1(5)		7.0017D
Spare axle			5	1		7.0041

#### **MINICUT 2000**

Copper pipe cutter Ø 6 - 22 mm (1/4 - 7/8")

Ergonomic design of body and knob with seating surface for the hand during turning





#### **KEY FEATURES**

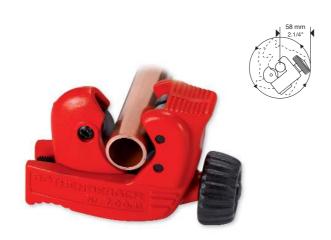
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (45 mm and/or 1.3/4") allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	mm	inch	$\sqrt{g}$			No.
MINICUT 2000	6 - 22	1/4 - 7/8"	140	1	4	7.0105
Spare cutter wheel	(contains	5 pcs.)	20	1(5)		7.0017D
Spare axle			5	1		7.0041

#### **MINI MAX**

Copper pipe cutter Ø 3 - 28 mm (1/8 - 1.1/8")

Ergonomic design of body and knob with seating surface for the hand during turning











#### **KEY FEATURES**

- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with very small working radius (58 mm and/or 2.1/4") allows for use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

Model	mm	<b>▶</b> ○ <b>◄</b> incg	∆ <sub>g</sub> ∆			No.
MINI MAX	3 - 28	1/8 - 1.1/8"	270	1	4	7.0015
Spare cutter whee	20	1(5)		7.0017D		
Spare axle			5	1		7.0041

## **Pipe Cutters for Copper and Steel Pipe**

#### **TUBE CUTTER 30 PRO / 50**

Copper pipe cutter Ø 3 - 50 mm (1/8 - 2")

#### **KEY FEATURES**

- For copper, brass, aluminium, thin-walled steel pipes
- Retractable internal deburrer and spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares



Model	mm	inch	ΔgΔ		No.
TUBE CUTTER 30 PRO TUBE CUTTER 50		/8 - 1.1/8" 1/2 - 2"		-	7.1019 7.0065



Model	mm	inch	∆ <sub>g</sub> ∆		No.
Spare cutter wheel	(contains 5	pc.)	20	1	7.0017D
Spare axle			5	1	7.0041

#### **Automatic**

Ratchet telescopic pipe cutter Ø 6 - 67 mm (1/4 - 2.5/8")

#### **KEY FEATURES**

- For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipes
- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release
- Retractable internal deburrer and spare cutter wheel in handle



Model	<b>►</b> mm	<b>►</b> inch	$\Delta_g \Delta$	No.	Model	<b>►</b> ◯⊲ mm	<b>▶</b> inch	$\Delta_g \Delta$	No.
Size 1	6 - 67	1/4 - 2.5/8"	755	7.0030	Size 2	50 - 127	2 - 5"	1850	7.0142
Size 1 Spare deburrir	ng blade		5	2.1652	Size 1 Spare	axle		20	7.0042
Size 1 Spare cutter w	heel (5 pcs.)		20	7.0017D	Size 1 Spare	deburrer complete		5	7.500041
Size 2 Spare deburrir	ng blade (2 pc	s.)	20	7.0057D	Size 2 Spare	axle		5	7.0149
Size 2 Spare deburrir	ng blade		5	2.1652					

#### **Chain Pipe Cutter**

For pipes Ø 20 - 100 mm (1 - 2")

For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipes, chrome-plated with PVC handles

#### **KEY FEATURES**

Spare cutter wheel

- Ideal for working in confined spaces, e.g. parallel-running pipe, chrome-plated with PVC handles
- Stable chain with 15 mini cutter wheels, two-step adjustment

Model	<b>►</b> O⊲ mm	<b>►</b> inch	$\Delta_g \Delta$	No.
Chain pipe cutter	20 - 100	1 - 2"	575	7.0285
Spare cutter wheel chain			180	7.0286



		AC
Description		No.
Internal/external deburrer	121	7.0075
GRATFIX	121	2.1655
UNIGRAT	121	2.1660

124



CESSORIES









#### **ROSLICE**

Copper pipe cutter Ø 12 - 22 mm (1/2 - 1.1/8")

#### **Product Profile**

#### **KEY FEATURES**

- Quick cutting of copper pipes with less turns
- 2 No deformation of the pipe: self-clamping and self-alignment
- 3 Less space required, ideal for hard-to-reach places
- 4 Reliable hold with the non-slip surface











Model	► mm/inch	<i>ann</i>	Δgδ	No.
ROSLICE	12 mm		240	8.8812
ROSLICE	15 mm		230	8.8815
ROSLICE	18 mm		260	8.8818
ROSLICE	22 mm		250	8.8822
ROSLICE	1/2"		240	8.8830
ROSLICE	5/8"		230	8.8831
ROSLICE	3/4"		260	8.8832
ROSLICE	7/8"		250	8.8833
ROSLICE	1.1/8"		350	8.8834
	ACCESSORIES			
Spare cutter wheel	1.1/8", 12 mm	5	36.3	8.8840D
Spare cutter wheel	5/8"-7/8", 15-22 mm	5	34.6	8.8841D
Spare cutter wheel	1/2"-3/4", 18 mm	5	37.4	8.8842D

#### Instructions

Click ROSLICE on the pipe, gently press closed and then turn ROSLICE around the pipe (please pay attention to the direction of rotation!).



#### Spare blades available



Prevents deformation of the pipe



Ideal for hard-to-reach places



#### **PLASTICUT**

Pipe cutter for cutting pipes made out of MDPE, PE, PP, HEP20, P-EX Ø 10 - 50 mm (1.1/4 - 2")

#### **Product Profile**

#### **KEY FEATURES**

- 1 Quick cutting of plastic pipes with only 1-2 turns
- 2 Flexible casing, allows cutting on somewhat smaller pipes from various manufacturers
- 3 Less space required, ideal for hard-to-reach places
- No deformation of the pipe: self-clamping and self-alignment











Model	► mm/inch	ΔgΔ	No.
PLASTICUT plastic	10 mm	40	5.9010
PLASTICUT plastic	15 mm	50	5.9015
PLASTICUT plastic	22 mm	51	5.9022
PLASTICUT plastic	28 mm	60	5.9028
PLASTICUT plastic	35, 1.1/4"	80	5.9035
PLASTICUT plastic	42, 1.1/2"	96	5.9042
PLASTICUT plastic	50, 2"	115	5.9050
	ACCESSORIES		
Spare blades plastic	10, 15, 20, 22, 2"	28	5.9001
Spare blades plastic	25, 28, 32, 1.1/4", 1.1/2	" 32	5.9002

Click PLASTICUT on the pipe, gently press closed and then turn PLASTICUT around the pipe (please pay attention to the direction of rotation!) After 1 -2 turns the pipe is cut.

### **Pipe Cutters for Steel and Stainless Steel (INOX)**

#### **INOX TUBE CUTTER 30 PRO**

Stainless steel pipe cutter Ø 3 - 30 mm (1/8 - 1.1/8")

- Retractable internal deburrer and spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares

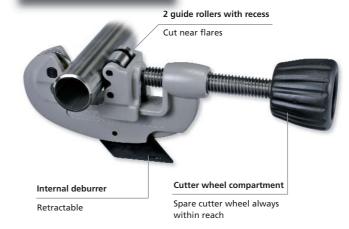
Precise cutting of stainless steel pipes





Model	mm	inch	ΔgΔ		No.
INOX TC 30 PRO	3 - 30	1/8 - 1.1/8"	305	4	7.1085
Spare cutter whe	el (conta	ins 5 pcs.)	20	1(5) 7	.0056D
Spare axle			5		7.0041

#### **INOX (Stainless steel)**



# <u>4</u>

#### **INOX TUBE CUTTER 35 / 42 PRO**

Telescopic pipe cutter Ø 6 - 42 mm (1/4 - 1.5/8")

For exact cutting of stainless steel pipes, features similar to the TUBE CUTTER 35.

#### **KEY FEATURES**

- Hardened, special cutter wheel made of high-alloyed steel
- External burr-free cutting
- Stainless steel guide rollers

Model	►O⊲ mm	<b>▶</b> inch	$\Delta_g \Delta$	No.
INOX TC 35	6 - 35	1/4 - 1.3/8"	440	7.0055
INOX TC 42 PRO	6 - 42	1/4 - 1.5/8"	510	7.0070
Spare cutter wheel (conta	ins 5 pcs.)		20	7.0056D
Spare deburring blade			10	2.1652

# Easy turning of the adjustment knob Quick adjustment of the working area

#### **INOX TUBE CUTTER**

Ratchet telescopic pipe cutter Ø 10 - 54 mm (1/4 - 2.1/8")

- Spare cutter wheel in handle
- Two guide rollers with recess for cuts near flares
- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release

Wide rollers for reliable guidance





**INOX** 

Model	mm	inch	∆ g ∆		No.
INOX TUBE CUTTER Spare cutter wheel			305 20	4 1(5)	7.0340 7.0341

#### 12 x ball bearings

Extremely stable, fast and direct guidance of the pipe



#### **ACCES** SORIES

Strong and extremely stable









# Description Internal / external deburrer GRATFIX UNIGRAT Spare cutter wheels No. 121 7.0075 121 2.1655 UNIGRAT 121 2.1660

### **Pipe Cutters for Steel and Stainless Steel (INOX)**

#### **SUPER 1.1/4" and 2"**

Steel pipe cutter Ø 10 - 42 mm (1/4 - 2")

#### **KEY FEATURES (SUPER/INOX SUPER)**

- Wide rollers for secure guiding of cutter wheel on pipe
- Easy pressure control for optimum force transmission



#### **INOX SUPER 1.1/4" and 2"**

Stainless steel pipe cutter Ø 10 - 42 mm (1/4 - 2")

#### **KEY FEATURES (SUPER/INOX SUPER)**

- Long service life with the hardened cutter wheel made of high alloy steel
- Burr-free external cutting allows for immediate thread cutting







Model	►O⊲ mm	► inch	$\sqrt[4]{g}$	No.	Model	<b>►</b> □ mm	►O inch	∑ <sub>g</sub> ∆	No.
SUPER 1.1/4"	10 - 42	1/4 - 1.1/4"	1040	7.0040	INOX SUPER 1	.1/4" 10 - 42	1/4 - 1.1/4"	1040	7.0086
SUPER 2"	10 - 60	1/8 - 2"	2155	7.0045	INOX SUPER	2" 10-60	1/8 - 2"	2155	7.0087
1.1/4" Spare cutter v	wheel (contain	is 3 pcs.)	20	7.0046D	1.1/4" Spare c	utter wheel (conta	ins 2 pcs.)	20	7.0088D
1.1/4" Spare axle			5	7.0048	1.1/4" Spare a	xle		5	7.0048
2" Spare cutter whe	el (contains 3	pcs.)	20	7.0051D	2 " Spare cutte	r wheel (contains 2	2 pcs.)	20	7.0089D
2" Spare axle			5	7.0053	2" Spare axle			5	7.0053

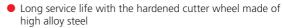
#### **ENORM 4"**

Steel pipe cutter Ø 60 - 115 mm (2 - 4")

#### **KEY FEATURES**

- Wide rollers for secure guiding of cutter wheel on pipe
- Easy pressure control for optimum force transmission onto the pipe

#### **KEY FEATURES**



Burr-free cutting allows immediate thread cutting



Model	►O⊲ mm	►O inch	$\Delta_{g}\Delta$	No.	Description	ΔgΔ	No.
ENORM 4"	60 - 115	2"-4"	7105	7.0060	Spare cutter wheel (contains 2 pcs.)	20	7.0061D
Special cutter w	heel for cast pipes		20	7.0066	Spare axle	5	7.0064

#### **ACCESSORIES**









Description		No.
Internal/external deburrer	121	7.0075
GRATFIX	121	2.1655
UNIGRAT	121	2.1660
Spare cutter wheel	124	

#### **Universal Internal and External Deburrer**

#### Quick and easy deburring Ø 4 - 54 mm (1/8 - 2")

For copper, steel and stainless steel pipes, with polished cutting blade made of hardened special steel, smooth running









No. 1.1006X

No. 1.1006

Model	<b>▶</b> ■ mm	inch	ΔgΔ		No.
Internal and external deburrer for copper and plastic	4 - 36	1/8 - 1.3/8"	30	1 25	1.1006
Internal and external deburrer for copper and INOX (Stainless steel)	6 - 35	1/4 - 1.3/8"	100		1.1006X
Universal internal and external deburrer for copper and INOX	10 - 54	1/2 - 2"	390		7.0075

#### Ratchet Pipe Deburrer 1/4 - 2"

#### Rapid and clean deburring

For steel pipes, with smooth ratchet, cutting bit made of tempered steel



Model	inch	mm	Δgδ	No.
Ratchet internal deburrer Spare deburrer	1/4 - 2"	13 - 60		7.0289 7.0296



spare deburrer (No. 7.0296)

#### **GRATFIX HSS/UNIGRAT**

#### Deburrer

- For fast deburring of edges, pipes and sheets
- Replaceable blades
- GRATFIX with plastic cartridge-grip

Model	$\Delta_g \Delta$	No.
UNIGRAT with HSS deburring blade	30	2.1660
GRATFIX with deburring blade No. 1	50	2.1655
GRATFIX with deburring blade No. 1 - 2 - 3	80	2.1651
ACCESSORIES		
HSS deburring blade No. 1 Universal	10	2.1652
HSS deburring blade No. 2 for brass and cast	10	2.1653
HSS deburring blade No. 3 for straight edges	10	2.1654



#### **Rain Water Down Pipe Cutter**

#### **ROCUT® RAIN MAX**

Rain water down pipe cutter for welded down pipes made of copper, brass, titanium zinc and steel Ø 60 - 100 mm

Suitable for all conventional welded down pipes!



#### **Product Profile**

#### **KEY FEATURES**

- When cutting the pipe tapers inward, preventing the pipe from being drawn in further
- 2 Uniform clamping prevents deformation of the pipe
- With individual trimming less waste is produced and efficiency is increased
- 4 Deburrer is always within reach
- Exact cutting performance
- Precise and fast

#### **KEY FEATURES**

- The ROTHENBERGER rain water down pipe cutter is suitable for free-handed work, as well as clamping in a parallel vice
- Adaption system for plastic pipes (available optionally)

#### **TECHNICAL DATA**

**Working range:** Ø 60 – 100 mm **Expansion set:** For adaption to ROCUT®

plastic cutting and chamfering tools



#### **ROCUT® RAIN MAX Set**

Sets include: Basic clamping device (No. 5.5001), jaws, cutter shaft (No. 5.4951) and knife (No. 5.4953), internal deburrer (No. 5.5018), transport case (No. 5.5016)

#### **Expansion Set**

Set (No. 5.5009) includes: Cutter shaft with cutter wheel (No. 5.4950), cutter shaft with cutter (No. 5.4960), 1 set jaws Ø 50 (No. 5.5025) and 75 mm (No. 5.5022)







Model	$\sqrt{\log \Delta}$	No.
ROCUT® RAIN MAX Set 60 - 80 - 100 mm	3.5	5.5000
ROCLIT® RΔINI MΔX Set 75 - 87 - 100 mm	3.5	5 5004

Model	with jaws	∆ <sub>g</sub> ∆	No.
From ROCUT® RAIN MAX			
to ROCUT®	50 - 75 mm	740	5.5009
From ROCUT®			
to ROCUT® RAIN MAX	60 - 80 - 100 mm	850	5.5010

		AC
Description	ΔgΔ	No.
Internal deburrer with blade Spare blade for internal deburrer	150 10	5.5018 2.1652
Plastic case for ROCUT® 110	850	5.5016
Plastic case for ROCUT® 160	1400	5.5017
Clamping jaws on 220		



Deformed rain water down pipe! Problem with the fit!



Precise cutting without deformation, with slight retraction



For free-hand work



Clamping in parallel vice





## **Cutting Wheels and Spare Parts**

#### **Pipe Cutters, Cutting Wheels and Spare Parts**













Only original ROTHENBERGER Cutting wheels made of high-alloyed hardened steel guarantee an exact, right-angled cut







Pipe Cutter Type	Model for pipe - Ø	No.	Cutting wheel No.	Sizee d, L, D mm	Cutting depth mm	Spare axle No.	Ø mm Length mm Thread	Spare roller No.	Deburring blade No.	Application area
MINICUT I PRO MINICUT II PRO	3 - 16 mm 6 - 22 mm	7.0401 7.0402	7.0017D 7.0017D	4,8 / 5,95 / 18,5 4,8 / 5,95 / 18,5	3,0 3,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0023 7.0023	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al),
MINICUT 2000	3 - 22 mm	7.0105	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	-	-	thin-walled Steel pipe (Fe),
MINIMAX	3 - 28 mm	7.0015	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	-	-	PVC hard plastic pipe Plastic coated pipe
TUBE CUTTER 30 PRO	3 - 30 mm	7.1019	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0067	-	Copper pipe (Cu), Brass pipe (Ms),
TUBE CUTTER 35 + 35 C	6 - 35 mm	7.0027 (C)	7.0017D	4,8 / 5,95 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0067	2.1652	Aluminium pipe (Al), thin-walled
TUBE CUTTER 42 PRO	6 - 42 mm	7.0029	7.0017D	4,8 / 5,95 / 18,5	3,0	7.0041	4,7 / 14 / M3	7.0067	2.1652	Steel pipe (Fe), PVC hard plastic pipe
TUBE CUTTER 35 MSR TUBE CUTTER 42 PRO MS	6 - 35 mm 6 - 42 mm	7.0108 7.0109	7.0188D 7.0188D	4,8 / 5,9 / 19,3 4,8 / 5,9 / 19,3	3,0 3,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0067 7.0067	2.1652 2.1652	Plastic coated pipe
TUBE CUTTER 50	12 - 50 mm	7.0065	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0006	4,7 / 16 / M4	-	-	Multi-layered composite pipe
		7.0030	7.0017D	4,8 / 5,9 / 18,5	3,0	7.0041	4,7 / 16 / M4	-	2.1652	Cu, Ms, Al, Fe thin-walled.
AUTOMATIC Size 1	6 - 67 mm	7.0031	7.0028D	4,8 / 11 / 29,0	7,0	7.0041	4,7 / 16 / M4	-	2.1652	PE-, PP- VPE, PB- and PVDF pipes
Pipe Cutter		7.0142	7.0057D	8/11/29,0	7,0	7.0149	7,9 /23,5/1/4"	-	2.1652	thin-walled Cu, Ms, Al, Fe
Size 2	50 - 127 mm	7.0032	5.5054D 5.5053D	8 / 11 / 40,0 8 / 11 / 30,5	13,0 8,6	7.0149 7.0149	7,9 /23,5/1/4"	-	2.1652 2.1652	PE-, PP- VPE, PB- and PVDF pipes thin-walled PP pipes
	-		5.5074D	8/11/30,5	16,0	7.0149	7,9/23,5/1/4"		2.1652	PE-, PP- VPE, PB- and PVDF pipes
Size 3	100 - 168 mm	7.0033	5.5053D	8/11/43,0	8,6	7.0149	7,9 /23,5/1/4"	-	2.1652	thin-walled PP pipes
TUBE CUTTER 28	3 - 28,0 mm	7.0010	7.0007D	4,8/3/16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Cu, Ms, Al, Fe thin-walled
			9.0007D	4,8/3/16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Stainless steel
TUBE CUTTER 42	3 - 41,5 mm	7.0011	7.0007D	4,8/3/16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Cu, Ms, Al, Fe thin-walled Stainless steel
			9.0007D	4,8/3/16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Cu, Ms, Al, Fe thin-walled
ROTRAC 28 PLUS	3 - 41,5 mm	7.1728C	7.0007D	4,8/3/16	2,5	7.0080 + 7.0081	4,7 / 9 / SR	8.0679	-	Cu, Ivis, Ai, re triiri-wailed
TUBE CUTTER 42 PRO PV	6 - 42 mm	7.0072	7.0028D	4,8 / 6 / 23,6	7,0	7.0041	4,7 / 14 / M3	7.0067	-	PE-, PP- VPE, PB- and PVDF pipes
Steel Pipe Cutter SUPER	1/8" - 1.1/4" 1/8" - 2"	7.0040 7.0045	7.0046D 7.0051D	7,5 / 13,5 / 26 9,0 / 19 / 31,5	5,5 7,0	7.0048 7.0053	7,4/30/- 8,9/35/-	7.0047 7.0052	-	Steel pipe Steel pipe
Steel Pipe Cutter ENORM	2" - 4"	7.0060	7.0061D 7.0066	9,7 / 27 / 41,5 9,7 / 27 / 41,5	7,0	7.0064 7.0064	9,4 / 52 / - 9,4 / 52 / -	7.0063 7.0063	-	Steel pipe Cast pipe
INOX TUBE CUTTER 30 INOX TUBE CUTTER 30 PR	3 - 30 mm 3 - 30 mm	7.0085 7.1085	7.0018D 7.0056D	4,8 / 3 / 18,5 4,8 /5,9 / 18,5	3,0 4,0	7.0092 7.0041	4,7 / 13 / M4 4,7 / 14 / M3	7.0068 7.0068	-	Stainless steel pipe
INOX TUBE CUTTER 35 INOX TUBE CUTTER 42 PR	6 - 35 mm 6 - 42 mm	7.0055 7.0070	7.0056D 7.0056D	4,8 / 5,9 / 18,5 4,8 / 5,9 / 18,5	4,0 4,0	7.0041 7.0041	4,7 / 14 / M3 4,7 / 14 / M3	7.0068 7.0068	2.1652 2.1652	Stainless steel pipe
INOX SUPER	1/8" - 1.1/4" 1/8" - 2"	7.0086 7.0087	7.0088D 7.0089D	7,5 / 13,5 / 26 9,0 / 19 / 31,5	5,5 7,0	7.0048 7.0053	7,4/30/- 8,9/35/-	7.0047 7.0052	-	Stainless steel pipe Stainless steel pipe
Chain Pipe Cutter	85 mm	7.0285	-	4,0 / 3,8 / 17,8	3,0			Spare ch	nain 7.0286	Cu, Ms, Al, Fe thin-walled

#### **UNI Stepped Key Set**

For installation and removal of heating valve nipples, tank connectors 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 valve nipples, tank connections and short tap extensions
- 1/2" Ratchet makes installations quick and easy







Model	$\sqrt{\log \Delta}$		No.
Set: UNI Stepped Key and Ratchet UNI Stepped Key	670	1 12	7.3297
	120	1	7.3298
Gas Stepped Key	80	1	7.3280
1/2" ratchet	440		2.7180





#### **Express Spanner**

Chrome vanadium steel, drop forged, chrome-plated



#### **Ring Ratchet Express Spanner**



#### **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
- $\bullet$  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



Spanner width	for hanger bolts Size	mm	ΔgΔ	No.
Wrench size 17 x Mu:	zzle size 19M10	220	250	7.3299
Wrench size 17 x Ring	size 19 M10	260	390	7.3293

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

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



Simple installation



**4-part** set (No. 2.6164) includes: Bolt Driver M6 (No. 2.6160), M8 (No. 2.6161), M10 (No. 2.6162), M12 (No. 2.6163), steel carrying case

Model	<u>L</u> mm	ΔgΔ	No.
Set M6 - M8 - M10 - M12		650	2.6164
M 6	35	70	2.6160
M 8	40	90	2.6161
M 10	45	100	2.6162
M 12	50	120	2.6163

#### **Tap Extension Key**



#### **KEY FEATURES**

• For tap extensions, chrome vanadium special steel

Model	Size	$\Delta_g \Delta$	No.
Tap Extension Key,	1/2"/ 3/4"	200	35.1040
right angled, bent, size 12 / size 17			

#### **Sanitary Four Way Key**

Chrome Vanadium Special steel

#### **KEY FEATURES**

#### 10 functions:

- Four external hexagonal with double nut box spanner for tap extensions 3/8", 1/2", 3/4", 1" up to 100 mm and installation/ removal of heating valves and tank connectors
- 2 inner threads M10 and M12 for hanger bolts



Model	Dimensions	$\sqrt[]{g}$	No.
Sanitary Four Way Key with 10 functions	220 x 220	610	35.1043

#### **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
- 2 Inner threads M10 and M6 for hanger bolts (wash basin fittings)



Model	Dimensions mm	$\Delta_g \Delta$	No.
Sanitary Four Way Key	200 x 200	530	35.1044
multifunctional			

#### **ROFIX SANISET Profi**

#### Installation tool

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. 7.3200) includes: Bolt driver tool (No. 7.3201), RO-QUICK 2 adaptor (No. 7.3206), extension 9 mm (No. 7.3210), 13 mm (No. 7.3213), steel carrying case (No. 2.6410)

Set (No. 7.3202) like Set (No.7.3200), in addition extensions size 10, size 11, size 12 and size 14

Model	with extension mm	ΔgΔ	No.
ROFIX SANISET Profi	9-10-11-12-13-14	1.500	7.3202
ROFIX SANISET	9-13	900	7.3200
Bolt Driver tool			
M8/M10	215	120	7.3201
RO-QUICK 2 - Adaptor	90	40	7.3206
Special extension size 9	185	50	7.3210
Special extension size 10	185	50	7.3209
Special extension size 11	185	50	7.3208
Special extension size 12	185	50	7.3212
Special extension size 13	185	50	7.3213
Special extension size 14	185	50	7.3214

#### 1 tool for 5 uses



ROTHENBERGER
S wit and causes





#### **RO-QUICK**

#### Valve key

Release valve holder and key for eccentric and standard valves

- 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	<b>L</b> mm	ΔgΔ	No.
RO-QUICK	120	300	7.0414
Adaptor	75	70	7.0413



#### **RODOKIT-Set**

#### Tap reseating tool

For exact re-cutting of worn tap seats



With rust-free steel cutter for high-quality armature



#### **KEY FEATURES**

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



Set (No. 7.0980) includes: Basic tool, thread adaptor size 1, 2, 3, 4, cone adaptor, cutter  $\varnothing$  12-15-16-18 mm

Description		$\sqrt{g}$	No.
RODOKIT Set RODOKIT Basic Tool		1170 230	7.0980 7.0981
Cone adaptor		100	7.0992
Dimensions	∆ g ∆	Cutter	Adaptor
Dimensions  12 mm	∆ g ∆ 10	7.0982	Adaptor <b>7.0986</b>
	∆ <sub>g</sub> ∆ 10 10		
12 mm		7.0982	7.0986

#### **Tap Reseating Tool**

For exact re-cutting of worn tap seats





Fig. Water Tap Reseating Tool

#### **Product Profile**

#### **KEY FEATURES**

Model

- 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	-O- Inch	<b>4</b> g <b>4</b>	INO.
Basic Tool with cutter	3/8" - 1"	350	7.0970
3/8"-1/2"-3/4"-1" in Box			
Basic Tool with cutter	3/8" - 1"	980	7.0974
3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel comp	artment		
Basic Tool with cutter	1/4" - 1"	1060	7.0972
1/4"-3/8"-1/2"-3/4"-1"			
and each with 3 seals in steel comp	artment		
Basic Tool without cutter		250	7.0950
ACCESSO	DRIES		
Spare cutter	1/4"	10	7.0976
Spare cutter	3/8"	10	7.0954
Spare cutter	1/2 "	10	7.0955
Spare cutter	3/4"	20	7.0956
Spare cutter	1 "	30	7.0957

#### **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

**Exact Adjustment** 

Exact installation durch assembling jig for braces



**4-part** set (No. 7.0667) includes: Spirit level for angled valves 200 mm (No. 7.0661), Spirit level for standard distances 300 mm (No. 7.0665), 1 flexible ruler 2 m (No. 25.2100), steel carrying case (No. 2.4022)

Model	$\Delta_g \Delta$	No.
ROCHECK Set in steel case	2260	7.0667
ROCHECK spirit level for angled valves 200 mm	220	7.0661
ROCHECK spirit level for standard distances 300 mm	260	7 0665

#### **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

**Precise Installation** 



Fig. ROCHECK Set

#### **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 place over the thread rod, rotate the turn handle and pull the cartridge out of the seat.

Set (No. 85.4390) includes: Tommy bar (No. 85.4380), screw 12 x 92 (No. 85.4381), turn handle (No. 85.4382), threaded rod M10 x 130 (No. 85.4383), cartridge body  $32 \times 131$  (No. 85.4384), cartridge extractor with screw (No. 85.4385), cartridge extractor with hook (No. 85.4386), cartridge extractor 20 x 45 (No. 85.4387), counter plate (No. 85.4388), steel carrying case

Model	$\Delta_{kg}\Delta$	No.
Set, 9 pieces	1.25	85.4390



Fig. Cartridge Extractor Set

#### **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° = 0.5 mm / m

#### 10 year warranty

<b>L</b> mm	ΔgΔ	No.
300	190	25.5030
400	260	25.5040
500	320	25.5050
600	340	25.5060
800	520	25.5080
1000	640	25.5100
1200	820	25.5120

#### **ROMATIC**

#### Measuring tape



#### **KEY FEATURES**

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



No. 25.2100

Model	Measuring length m	Tape width mm	√g Å	No.
ROMATIC	3	16	120	7.7396
ROMATIC	5	19	230	7.7397
Flexible ruler	2			25.2100

#### **Strap and Fittings Wrench**

Made of aluminium special alloy, with replaceable nylon strap



#### **KEY FEATURES**

- Safe to use on chrome-plated fittings and ensures Safe to use on chrome-plated fittings and ensures
- For use in the automotive industry (change of oil-filter)

inch	mm	inch	mm	$\Delta_g \Delta$	No.
3"	90	12"	300	280	7.0240
Spare strap	3"			20	7.0268
8"	220	12"	300	290	7.0241
Spare strap	8"			30	7.0269

#### **Basin Nut Wrench**

Special chrome vanadium steel, drop forged, very tough

- Optimum force transmission with the Tommy bar
- Rotatable claw for right and left-handed rotation







Clamping range mm	· Clamping range inch	<mark>⊩_</mark> mm	$\sqrt{g}$			No.
10 - 32	3/8" - 1.1/4"	235	475	1	40	7.0228



#### **Telescopic Basin Nut Wrench**

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

Telescopic action with 4 length adjustment adjustments

Clamping range mm	Clamping range inch	<mark>⊩ L</mark> mm	∑ <sub>g</sub> ∆	No.
10 - 32	3/8"- 1.1/4"	275 - 455	710	7.0225
20 - 48	3/4" - 1.7/8"	290 - 470	740	7.0226
32 - 63	1.1/4"- 2.1/2"	290 - 470	780	7.0227



#### **Basin Nut Wrench**

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

Model	<b>L</b> mm	Δgδ	No.
Basin Nut Wrench	270	580	35.1050



#### **SANIGRIP**

#### 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

- 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	<mark>⊩ L</mark> mm	<b>►</b> ○⊲ max. mm	<b>►</b> ○⊲ min. mm	ΔgΔ	No.
SANIGRIP	10"	250	80	14	270	7.0415
SANIGRIP PL	10"	250	62	14	280	7.0416
Spare plastic	jaws (pa	ir) for SA	NIGRIP PL		10	7.0417



#### Fitting Wrench 90°

Special chrome vanadium steel, steel forged

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







<b>►</b> max. inch	<b>►</b> ○ <b>⊲</b> max. mm	inch	mm	$\Delta_{g}\Delta$			No.
1"	35	14"	350	740	1	6	7.0545
Spare jaws	(pair)			10			7.0548

#### **Fitting Key**

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



Model	mm	Clamping width mm	Clamping depth mm	∑g ∆	No.
Grid adjustment Roll adjustment	260 275	75 65	45 45		<b>35.0850 35.0900</b>

#### **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



mm	⊾_ inch	Cutting perform 490 N/mm²		$\Delta_{kg}\Delta$	No. Robolt	No. head
300	12"	5 mm - 3/16"	4 mm - 5/32"	0.75	7.5010	7.5020
350	14"	7 mm - 1/4 "	5 mm - 3/16"	0.98	7.5011	7.5021
450	18"	8 mm - 5/16"	6 mm - 1/4"	1.60	7.5012	7.5022
600	24"	10 mm - 3/8"	8 mm - 5/10"	2.63	7.5013	7.5023
750	30"	13 mm - 1/2 "	9 mm - 11/32 '	4.00	7.5014	7.5024
900	36"	16 mm - 5/8 "	10 mm - 3/8"	6.24	7.5015	7.5025
1050	42"	19 mm - 3/4"	11 mm - 7/16"	9.39	7.5016	7.5026

#### **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



inch	<mark>⊫ L ⊸</mark> mm	Sheet thickness mm	ΔgΔ	No.
10"	250	1,0	450	7.1095

#### **Tower Pincers / Concreter's Nippers**

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



inch	<mark>⊨ <sup>L</sup> ⊲</mark> mm	Clamping wid	dth $\sqrt{g}$	<i>[1111</i> ]	No.
9"	225	22	330	6	7.0118
10"	250	26	440	6	7.0119

#### **Universal Grip Wrench**

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



<u>L</u> inch	<mark>⊩_</mark> d mm	Clamping width mm	Δgδ	No.
10	250	32	570	7.0252

## **DIN** -Norm

#### **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





<b>L</b> mm	Model	δ <sub>g</sub> δ	No.
180	DIN 5244	250	32.4559

#### **Edge Cutter**

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



<u>L</u> mm	Model	ΔgΔ	No.
160	DIN 5238B	210	32.4577

#### **Insulation Stripper**

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



<u>L</u> mm	<b>►</b> max mm	√ <sub>g</sub> √	No.
165	5	160 <b>3</b> 2	2.4800

#### **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



<b>L</b> mm	Model	∑ <sub>g</sub> ∆	No.
160	DIN 5238A	250 <b>3</b>	2.4588

#### **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



<u>L</u> mm	Model	√ <sub>g</sub> √ 1	No.
200	DIN 5236A	200 <b>32.47</b>	37

#### 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



<u>L</u> mm	Model	ΔgΔ	No.
200	DIN 5236D	200 <b>32.4</b> 7	739

#### **EUROLINE®**

#### **Screwdrivers**



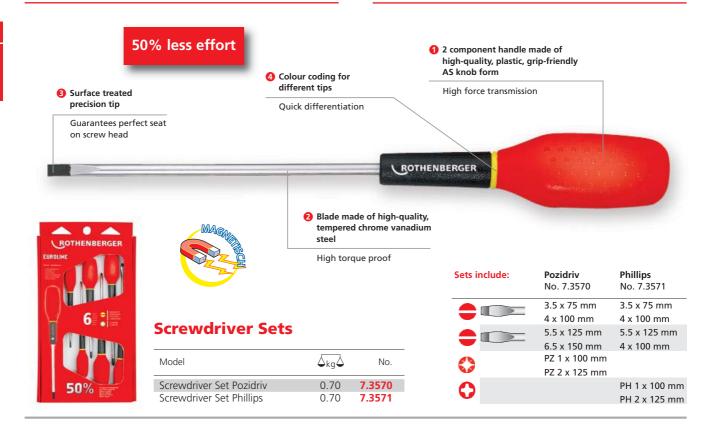
#### **Product Profile**

#### **KEY FEATURES**

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

#### **TECHNICAL DATA**

- 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



#### **Slot Screwdrivers**



Tip design Width x Length mm	Model	$\sqrt[L]{g}$ No.
4.0 x 100	Slot	45 <b>7.3103</b>
5.5 x 125	Slot	84 <b>7.3131</b>
6.5 x 150	Slot	128 <b>7.3133</b>

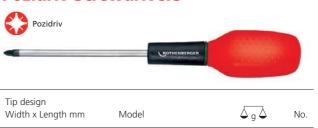
#### **Phillips Screwdrivers**



#### **Pozidriv Screwdrivers**

PZ 1 x 100

P7 2 x 125



7.3161

7.3162

98

Pozidriv

Pozidriv

#### **EUROLINE® IMPAKT**

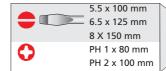
Screwdriver with continuous, strengthened blade

#### **Product Profile**

#### **KEY FEATURES**

- Continuous, hardened blade with metal cap enables directed hammer blows, e.g. to loosen stuck screws
- Hexagonal surface

#### Set (No. 7.3575) includes:







Constant strenghtened blade with metal cap





**5 part** set (No. 7.3575) includes: Screwdriver 5.5 x 100 (No. 7.3565), 6.5 x 125 (No. 7.3566), 8 x 150 (No. 7.3567), Phillips size 1 (No. 7.3536), size 2 (No. 7.3537)

Model	ΔgΔ	No.
EUROLINE® IMPACT Set 5 pieces	950	7.3575

#### **Workshop Screwdriver Set**

Blades made of chrome vanadium molybdenum steel, chrome-plated with hexagonal key aid, hard wood handles made of natural beech, varnished with leather cap



 Model
  $\bigtriangleup$  g  $\bigtriangleup$  No.

 Workshop Screwdriver Set, includes:
 680
 32.3015

 Slot 4.5 x 90; 5.5 x 100; 6.5 x 125; 8 x 150

 Phillips PH 1 x 80; PH 2 x 100

#### **VDE Screwdriver Set**

Blades made of chrome vanadium molybdenum steel, thoroughly hardened, extrusion-coated blade insulation tightly joined with handle, 1000 Volt



Model  $\triangle$  g  $\triangle$  No.

VDE Screwdriver Set, includes: 680 **32.3126**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

#### **Spanners & Wrenches**

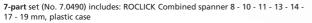
#### **ROCLICK**

#### Combined open-ended / hinged ring spanner

Chrome vanadium steel, polished and high shine chrome-plated

- 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°



ROCLICK spanner set, 7 pieces 1150 1 12 <b>7.0490</b>
ROCLICK combined spanner 8 mm 50 1 12 7.0465
ROCLICK combined spanner 9 mm 50 1 12 <b>7.0454</b>
ROCLICK combined spanner 12 mm 50 1 12 <b>7.0455</b>
ROCLICK combined spanner 15 mm 50 1 12 <b>7.0456</b>
ROCLICK combined spanner 16 mm 50 1 12 <b>7.0457</b>
ROCLICK combined spanner 18 mm 50 1 12 <b>7.0458</b>
ROCLICK combined spanner 10 mm 90 1 12 <b>7.0466</b>
ROCLICK combined spanner 11 mm 100 1 12 <b>7.0467</b>
ROCLICK combined spanner 13 mm 145 1 12 <b>7.0468</b>
ROCLICK combined spanner 14 mm 150 1 12 <b>7.0469</b>
ROCLICK combined spanner 17 mm 220 1 12 7.0470
ROCLICK combined spanner 19 mm 270 1 12 <b>7.0471</b>



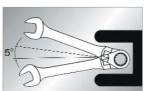




Fig. ROCLICK Spanner Set



Smaller working radius 5°



Adjustable angle



#### **Torque Spanner Set**

Set consists of adjustable torque spanners (10-70 Nm) and 6 inserts sizes 17, 22, 24, 26, 27 and 29 mm for flare joints on 1/4", 3/8", 1/2" and 5/16" pipelines in compliance with **DIN 3866** 





Nο



8-part set (No. 1750.01) includes: 1 spanner each 17 - 22 - 24 - 26 - 27 - 29 mm, torque spanner set, carrying case

Torque Spanner Set, 8 pieces		3.5	1750.01	
Pipe- Ø	Wrench size	Tigh	tening torque	
1/4"	17 mm		18 Nm	
3/8"	22 mm		42 Nm	
1/2"	24 mm		55 Nm	
1/2"	26 mm	55 Nn		
5/16"	27 mm		65 Nm	
5/16"	29 mm		65 Nm	

 $\Delta_{kq}\Delta$ 

#### **ROTURN**

#### Combined ring / open-ended spanner





Chrome vanadium steel, polished and high shine chrome-plated

- 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



42% savings of energy





8 part set (No. 7.0475) includes: ROTURN 10 - 11 - 13 - 14 - 16 - 17 - 19 - 22 mm, in plastic case

Model	$\Delta_{kg}\Delta$		No.
ROTURN spanner set, 8 pieces	1.7	1 12	7.0475

Mode

#### **ROCLICK Key**

Chrome vanadium, head black atramentized

- With the spring mechanism the harder the pressure, all 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	<b>L</b> mm	ΔgΔ	No.
ROCLICK Key 10	10	134	80	7.0420
ROCLICK Key 11	11	137	80	7.0419
ROCLICK Key 12	12	137	80	7.0421
ROCLICK Key 13	13	137	90	7.0422
ROCLICK Key 14	14	140	90	7.0423
ROCLICK Key 16	16	184	130	7.0424
ROCLICK Key 17	17	184	140	7.0425
ROCLICK Key 19	19	188	150	7.0426
ROCLICK Key 21	21	230	270	7.0427
ROCLICK Key 24	24	240	290	7.0418

#### **Ring Spanner**

Chrome vanadium steel, drop forged, chrome-plated

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



**5-part** set (No. 7.0280) includes: ROCLICK 10 x 11, 12 x 14, 13 x 17, 15 x 16, 19 x 22 mm

**7-part** set (No. 7.0281) 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	<u> </u>	$\Delta_{g}\Delta$			No.
Spanner Set 5 pieces		1640			7.0280
Spanner Set 7 pieces		3500			7.0281
10 x 11	200	120			7.0270
12 x 14	230	200			7.0271
13 x 17	250	280			7.0272
15 x 16	260	320			7.0273
19 x 22	310	440	1	36	7.0274
24 x 27	360	700	1	36	7.0276
30 x 32	410	990	1	36	7.0277

#### **Adjustable Wrench**

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

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



Size inch	<mark>⊩ L</mark> mm	Clamping width up to mm	ΔgΔ	No.
6"	160	20	100	7.0441
8"	210	25	220	7.0442
10"	250	29	390	7.0443
12"	300	34	660	7.0444
15"	380	44	1170	7.0445

#### **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 ")

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



mm	inch	Clamping width mm	Clamping width inch	$\sqrt{g}$	No.
160	6"	SW 9-17	1/8" - 3/8"	80	7.0220
200	8"	SW 14 - 28	1/4" - 3/4"	200	7.0221
255	10"	SW 16 - 33	3/8" - 1"	340	7.0222
310	12"	SW 22 - 42	1/2" - 1.1/4"	520	7.0223

#### **Allen Keys and Drills**

#### **Allen Key with Cross Handle**

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



Key width size mm	Blade length mm	$\sqrt{g}$	No.
3	200	30	32.1523
4	200	40	32.1524
5	200	80	32.1525
6	200	100	32.1526
8	200	130	32.1528
10	200	220	32.1529
12	200	290	32.1530

#### **Allen Key Set**

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





No. 7.0301 / 7.0302

Model	Size mm / inch	ΔgΔ	No.
Foldable	2,5-3-4-5-6-8-10 mm	340	7.0301
Foldable	3/32-1/8-5/32-3/16-1/4-5/16-3/8"	340	7.0302
Ring	2-2,5-3-4-5-6-8-10 mm	250	32.1300

#### **TURBODRILL HSS**

#### Universal cutting drill

For milling of contours, drilling, deburring, cutting, rasping and filing of sheets made of iron, aluminium, copper, brass, stainless steel, as well as machining of plastic, wood and hard fibre boards

● Favourable rotational speed between 1000 - 1200 min<sup>-1</sup>



Dimensions	Model	ΔgΔ	No.
6.0 x 90 mm	HSS	90	2.1499

#### **FASTCUT**

#### **HSS** welding spot cutter

For clean burr-free removal of welding spots, no abrasion of welding spot

- Non-slip due to self-cutting centring tip
- Special polish that guarantees chatter-free work, can be re-polished





Dimensions	Model	√ g Å No	Ο.
6.0 x 66 mm	HSS	15 <b>2.164</b>	3
7.0 x 74 mm	HSS	20 <b>2.164</b>	7
8.0 x 80 mm	HSS	25 <b>2.164</b>	8

#### **PROFI PLUS**

#### Twist drill set DIN 338 Type N

HSS rolled, all drill diameters in 0.5 mm diameter steps



Model	Drill range mm	Number drills	$\sqrt{g}$	No.
In steel box	1,0 - 10,0	19 pcs.	710	81.7000
In steel box	1,0 - 13,0	25 pcs.	1400	81.7003
In round box	1,0 - 10,0	19 pcs.	465	81.6990

#### **SDS-Plus Hammer Drill**

**DIN** -Norm



	<del></del>			<b>-</b> ()-	-		
mm	mm	$\Delta_g \Delta$	No.	mm	mm	∆ <sub>g</sub> ∆	No.
5	110	40	11.1401	10	210	80	11.1420
6	110	40	11.1405	12	160	90	11.1424
6	160	40	11.1406	12	260	150	11.1426
8	110	50	11.1411	14	160	120	11.1431
8	160	60	11.1412	14	260	180	11.1432
8	210	70	11.1413	16	210	340	11.1439
10	110	50	11.1418	16	300	170	11.1440
10	160	70	11.1419	18	300	220	11.1445

#### **Screw-Hole Punches and Hole Saws**

#### **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
- Special tool steel, burnished
- Guaranteed long service life
- Material thickness up to max. 4 mm

**5-part** set (No. 21801) includes: Chassis Punches Ø 28.3 mm (No. 2.1828), 32 mm (No. 2.1832), 35 mm (No. 2.1835), spare screw in plastic case

Model	$\Delta_g \Delta$	No.
Chassis Punch, 5 pieces	750	2.1801

<b>▶</b> ■ mm	Through size	∆ <sub>g</sub> ∆	No.	mm	Through size	$\Delta_{g}\Delta$	No.
12,7	M12/PG7	50	2.1813	22,5	PG16	160	2.1869
14		60	2.1814	23		160	2.1823
15,2	PG9	60	2.1866	24		180	2.1824
16		60	2.1816	25		180	2.1825
17		60	2.1817	26		180	2.1826
18		60	2.1818	27		220	2.1827
18,6	PG11	120	2.1867	28,3	PG21	220	2.1828
19		140	2.1819	29		220	2.1829
20		140	2.1820	30		240	2.1830
20,4	M20/PG13,5	150	2.1868	31		250	2.1831
21		140	2.1821	32		260	2.1832
22		160	2.1822	33		260	2.1833







Metric tension screw with highest quality grade 12.9 (from Ø 15.2 mm)

Extremely durable

Optimum support due to 3-point cut

Clean Cutting process



Fig. Chassis Punch

mm	Through size	ΔgΔ	No.
34		260	2.1834
35		270	2.1835
36		270	2.1836
37	PG29	370	2.1837
38		370	2.1838
39		480	2.1839
40		480	2.1840
41		630	2.1841
42		660	2.1842
43		660	2.1843
44		720	2.1844
45		750	2.1845

mm	Through size	ΔgΔ	No.
46		770	2.1846
47	PG36	770	2.1847
48		790	2.1848
49		820	2.1849
50		820	2.1850
51		820	2.1851
52		850	2.1852
53		850	2.1853
54	PG42	850	2.1854
55		850	2.1855
60	~PG48	850	2.1860

#### **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 (without adaptor holder!)



<b>►</b> mm	to be used with holder	√ <sub>g</sub> √	No.
19	A1	54	11.4019
22	A1	62	11.4022
29	A1	82	11.4029
30	A1	85	11.4030
35	A2	110	11.4035
38	A2	125	11.4038
44	A2	130	11.4044
51	A2	135	11.4051
57	A2	150	11.4057
64	A2	195	11.4064

#### **HSS Bimetal Hole Saw Sets**

Sets include: Hole Saw Set in plastic case, adaptor holder A1 (No. 11.4161) and A2 (No. 11.4162) with center drill

Hole Saw Sets	$\sqrt[4]{\log \Delta}$	No.
19 - 22 - 29 - 38 - 44 - 57 mm	1,27	11.4201
19 - 22 - 29 - 35 - 38 - 44 - 51 - 57 - 64 mm	1,70	11.4202







#### **Adaptor Holder**

For HSS Bimetal hole saws with center drill

Type for Hole saw	Adaptor	ΔgΔ	No.
A1 up to 30 mm	12 mm - hex	75	11.4161
A2 32 up to 152 r	nm 12 mm - hex	230	11.4162
Spare center drill, H	S 6.35 mm	20	11.4171

#### **Hole Saws and Step Drills**

#### **UNICUT HM**

Carbide-tipped hole saws for cutting circular holes Ø 16 - 150 mm (5/8 - 5.7/8") 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



#### Hole saw set

3-part set includes: Hard metal hole saws, cutting spray 50 ml and spare drill Ø 6 mm (No. 2.1394), in plastic case

Model	$\sqrt[]{g}$	No.
UNICUT HM Set 22 - 25 - 28 - 32 - 35 mm	950	2.1300





Fig. UNICUT HM hole saw Set

mm	inch	ΔgΔ	No.
44		210	2.1344
45	~1.3/4"	210	2.1345
46		210	2.1346
47		210	2.1347
48	~1.7/8"	220	2.1348
49		230	2.1349
50		250	2.1350
51	2"	260	2.1351
52		270	2.1352
53		270	2.1353
54	2.1/8"	280	2.1354
55		280	2.1355
60	2.3/8"	360	2.1360
65	2.5/8"	390	2.1365

mm	inch	$\Delta_g \Delta$	No.
70	2.3/4"	390	2.1370
75	3"	400	2.1375
80	~3.1/8"	420	2.1380
85	~3.3/8"	450	2.1385
90	~3.9/16"	550	2.1386
95	3.3/4"	580	2.1387
100	4"	590	2.1388
110	4.3/8"	700	2.1389
120	4.3/4"	830	2.1390
130	5.1/8"	880	2.1391
140	5.1/2"	880	2.1392
150	5.7/8"	1120	2.1393

#### **UNIDRILL®**

#### **HSS** stepped drill bit

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

3-part set (No. 2.1313) includes: Stepped drill bit size 1 (No. 2.1305), size 2 (No. 2.1306) and size 3 (No. 2.1307), in steel case

Model			<b>►</b> O	ΔgΔ	No.
UNIDRILL	stepped drill bit s	et, 3 pieces	4.0 - 30.0	660	2.1313
	<b>-</b>	<b>p</b> —∎	Shaft		
Size	mm	mm	mm	$\triangle$ g $\triangle$	No.
1	4.0 - 12.0	65	6	22	2.1305
2	4.0 - 20.0	75	8	60	2.1306
3	4.0 - 30.0	100	10	185	2.1307





No. 2.1313

#### **Screw and Bolt Extractor**

#### **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-part** set (No. 2.1750) includes: Sheet metal cone bit size 1 (No. 21541), size 2 (No. 21542) and size 3 (No. 21543),in plastic cartridge

Size	<mark>⊩ L</mark> mm	Shaft mm	<b>►</b> O	ΔgΔ	No.
UNIDRILL set			3.0 - 30.5		2.1545
1	58	6	3.0 - 14.0	20	2.1541
2	71	8	5.0 - 20.0	56	2.1542
3	76	9	16.0 - 30.5	120	2.1543
<b>EVERCOOL</b> dr	rill paste, 50 d	1		80	2.1549





#### **Screw Extraction Sets**

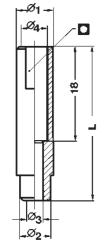
For boring out broken screws or bolts for threads M 5 - M 16

#### **INSTRUCTIONS FOR USE**

- 1. Apply bore with guide bush and the appropriate, ground HSS drill bit. Pre-bore for screws 7 mm dia. and above
- 2. Insert boring stud (no deformation of the drilled workpiece)

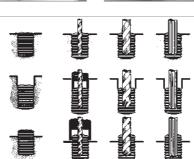
#### **INSTRUCTIONS FOR USE**

- 3. Attach boring nut and turn with spanner, do not tilt
- 4. Use special guide bushes for sunken or protruding rupture points













#### **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	ΔgΔ	No.
Size 1	M 5 - M 12	21 pieces	450	7.1310
Size 2	M 5 - M 16	25 pieces	580	7.1311

ROTHENBERGER

Fig. Screw Extraction Set, 25 pieces

	_	
Instructions	for screv	v extractior

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

For Thread	Guide- bush size	Guide- bush No.	<b>▶</b> mm	Pre-boring- No.	mm	Boring No.	Boring stud Gr.	Boring stud No.	Boring nut hex for Size	Boring nut No.
M 5	size 1	7.1291	-		3.2	7.1301	size 1	7.1281	size 1/size 10	7.1286
M 6	size 2	7.1292	-		3.2	7.1301	size 1	7.1281	size 1/size 10	7.1286
M 7	size 3	7.1293	3.2	7.1301	4.8	7.1302	size 2	7.1282	size 2/size 11	7.1287
M 8	size 4	7.1294	3.2	7.1301	4.8	7.1302	size 2	7.1282	size 2/size 11	7.1287
M 9	size 5	7.1295	4.8	7.1302	6.4	7.1303	size 3	7.1283	size 3/size 13	7.1288
M 10	size 6	7.1296	4.8	7.1302	6.4	7.1303	size 3	7.1283	size 3/size 13	7.1288
M 12	size 7	7.1297	4.8	7.1302	8.0	7.1304	size 4	7.1284	size 4/size 14	7.1289
M 14	size 8	7.1298	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290
M 15	size 9	7.1299	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290
M 16	size 10	7.1300	6.4	7.1303	8.7	7.1305	size 5	7.1285	size 5/size 17	7.1290

#### **Cut-Off Discs**

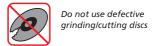
For burr-fee a	Grinding / Cutting Discs  For burr-fee and quick cutting of stainless steel, steel, cast iron and stone  Description No.		Alloyed and unalloyed steel	Steel of high consistency	Tool steel	Rust- and acid- resistant steel	Edged steel profiles	Steel panel		Welded joints	Edged stainless steel profiles	Cast	Alumniumalloying	Copper	Brass / Bronze		
	Grinding/Cutting disc INOX Profi Plus (115 x 1 x 22)		7.153	2	9	•	•	• •		Un Un				0	•	••	••
PROFIPLUS	Grinding/Cutting disc INOX Profi Plus (125 x 1 x 22)		7.153				•	••	••				••	0	••	••	••
	Grinding/Cutting disc INOX Profi Plus (115 x 1,6 x 2		7.155		•			•••	••				••	0	0	0	0
San Age	Grinding/Cutting disc INOX Profi Plus (125 x 1,6 x 2		7.155					••	••				••	0	0	0	0
	Grinding/Cutting disc INOX Profi Plus (230 x 1,9 x 2	-	7.155		•	•		• •					••	0	0	0	0
	Cutting disc Metal Profi flat (115 x 3 x 22)		7.153		••	•	•	0	•				0	•	•	•	•
	Cutting disc Metal Profi offset (115 x 3 x 22)		7.153	6	••	•	•	0	•				0	•	•	•	•
	Cutting disc Metal Profi offset (125 x 3 x 22)		7.153		••	•	•	0	•				0	•	•	•	•
	Cutting disc Metal Profi flat (125 x 3 x 22)		7.153	8	••	•	•	0	•				0	•	•	•	•
PROFI	Cutting disc Metal Profi offset (180 x 3 x 22)		7.153	9	••	•	•	0	•				0	•	•	•	•
	Cutting disc Metal Profi flat (180 x 3 x 22)		7.154	0	••	•	•	0	•				0	•	•	•	•
WHITE IN	Cutting disc Metal Profi flat (230 x 3 x 22)		7.154	1	••	•	•	0	•				0	•	•	•	•
	Cutting disc Metal Profi offset (230 x 3 x 22)		7.154	2	••	•	•	0	•				0	•	•	•	•
	Grinding disc Metal Profi offset (115 x 6)		7.158	0	••	0	0			•		0		0	0	0	0
	Grinding disc Metal Profi offset (180 x 6)		7.158	1	••	0	0			•		0		0	0	0	0
	Grinding disc Metal Profi offset (180 x 8)		7.158	2	••	0	0			•		0		0	0	0	0
Воднейвееве																	
Q	Grinding/Cutting disc INOX Safe Cut (115 x 2 / 1 x 2	.2)	7.155	1	•	•	•	••	••				••	•	•	•	•
	Grinding/Cutting disc INOX Safe Cut (125 x 2 / 1 x 2	2)	7.155	2	•	•	•	••	••				••	•	•	•	•
9.00	Grinding/Cutting disc INOX 2 in 1 (115 x 2,5 x 22) Grinding/Cutting disc INOX 2 in 1 (125 x 2,5 x 22)		7.155 7.155		•	•	•	••	•				••	••	0	0	0
PROFILE																	
Parties of the state of the sta	Grinding/Cutting disc Iron Profi flat (230 x 3 x 22)		7.154	8	••	••	••	0	•				0	••	•	•	•
Design of the second of the se	Grinding / Cutting Disc	Asphalt	Concrete	Brick	Aerated concrete	Granite	Limestone	Clinker	Marble	Tile	Firebrick	Slate	Terazzo	Clay	Exposed aggregate concrete	Brick	Ductile pipes
	Stone Profi offset (115 x 3 x 22) 7.1543	0	•	•	•	0	•	0	•	•	0	•	•	•	•	•	0
	Stone Profi offset (180 x 3 x 22) 7.1544	0	•	•	•	0	•	0	•	•	0	•	•	•	•	•	0
	Stone Profi flat (125 x 3 x 22) 7.1545	0		•	•	0	•	0	•	•	0	•	•	•	•	•	0
I .																	

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











# 2

#### **Mixed Display**

#### **Display includes:**

- 2 x 5 x Profi Plus box (No. 7.1534D und 7.1533D)
- 2 x 5 x Safe Cut box (No. 7.1552D und 7.1551D)
- 2 x 5 x 2-in-1 box (No. 7.1553D und 7.1554D)

Model	Dimensions mm	$\Delta_{kg}\Delta$	No.
Grinding/Cutting	disc Mixed Display 45 x 30 x 27	13 5	7.1555



#### **METAL PROFI**

#### Grinding / cutting disc for metal

For universal use with long service life in metal machining. For machining of all types of metal, especially construction steel, sheet steel and Welded joints

Model	Dimensions mm	ΔgΔ		No.
offset	115 x 6	140	10	7.1580
offset	180 x 6	145	10	7.1581
offset	180 x 8	150	10	7.1582



#### **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"-Effekt
- 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	<b>∆</b> g <b>∆</b>		No.
flat	115 x 2/1 x 22	30	25	7.1551
flat	125 x 2/1 x 22	40	25	7.1552
Safe Cut box	115 (contains 10 pcs.)	350	1(10)	7.1551D
Safe Cut box	125 (contains 10 pcs.)	450	1(10)	7.1552D

2 in 1



#### 2 IN 1

# Cut-off and grinding disc for steel and stainless steel

• Fast cutting and side grinding in one step

- d stainless steel
- 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.
flat	115 x 2.5 x 22	50	25	7.1553
flat	125 x 2.5 x 22	60	25	7.1554
2in1 box 115	(contains 10 pcs.)	550	1(10)	7.1553D
2in1 box 125	(contains 10 pcs.)	650	1(10)	7.1554D





#### **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	$\sqrt[4]{g}$		No.
flat	115 x 1.0 x 22	30	25	7.1533
flat	125 x 1.0 x 22	40	25	7.1534
offset	230 x 1.9 x 22	180	25	7.1559
Profi Plus box 115	(contains 10 pcs.)	350	1(10) 25	7.1533D
Profi Plus box 125	(contains 10 pcs.)	450	1(10) 25	7.1534D
Inox Profi Plus flat	115 x 1.6 x 22	48	25	7.1557
Inox Profi Plus flat	125 x 1.6 x 22	64	25	7.1558



#### Grinding-/cutting discs for metal

For universal use in metal machining

 Machining of high strength construction steel, cast iron, very good chip removal, cool cutting and high edge strength

Model	Dimensions mm	ΔgΔ		No.
flat	115 x 3 x 22	80	25	7.1535
offset	115 x 3 x 22	80	25	7.1536
flat	125 x 3 x 22	90	25	7.1538
offset	125 x 3 x 22	90	25	7.1537
flat	180 x 3 x 22	130	25	7.1540
offset	180 x 3 x 22	130	25	7.1539
flat	230 x 3 x 22	160	25	7.1541
offset	230 x 3 x 22	160	25	7.1542

# 

#### **STONE PROFI**

#### Grinding-/cutting disc for stone

For all kinds of construction material, such as concrete, stone, roof tile and lime sand brink.

Long operating life and quick cuts

Model	Dimensions mm	∑ <sub>g</sub> ∆		No.
offset	115 x 3 x 22	80	25	7.1543
offset	125 x 3 x 22	90	25	7.1544
flat	180 x 3 x 22	130	25	7.1545
flat	230 x 3 x 22	160	25	7.1546



#### **CAST IRON PROFI**

#### Grinding-/cutting discs for SML / cast iron

- Easy cutting, long operating life, high cut consistency and strengthened cutting edge
- For professional use with cast iron, metal or construction steel

Model	Dimensions mm	$\sqrt[]{g}$		No.
flat	230 x 3 x 22	160	25	7.1548





#### **ROBO Super**

#### Safety saw frame

- Reduces accidents: safety handle with exact guidance
- Room for spare blades in holder
- Optimum saw blade tensioning: quick tensioning device with fine adjustment integrated in handle
- Ideal for cutting in confined spaces: 90° rotatable



#### **ROBO Mini**

#### Small saw frame

Handle with ergonomic form enables powerful sawing in tight spaces

Large dimension tightening screw



Model	Clamping width mm	△ g △	No.
ROBO MINI	150	160	7.1222
including UNIVERSAL sa	w blade (No. 7.1217)		

#### **HSSE 4 Plus**

#### **BIMETAL** safety hand saw blade

Highly flexible spring band steel with fused HSSE cutter

- Highest flexibility with extremely hard teeth
- Hardness approx. 65 HRC: Average service life 4 times longer
- Risk of breakage significantly reduced even under extreme operational demands
- Precise cutting with individual tooth setting



At ROTHENBERGER hand saw blades with single offset teeth cuts free the hand saw blade optimally. Jamming in the workpiece is prevented. Therefore: the working rhythm is maintained, less effort is needed and there is a higher cutting performance

#### **Metal Saw Frame**

- Solid design, massive, stable holder
- With cross-slotted squared clamping elements
- Reliable captive blade holding pin
- Firm wooden handle

Cross-slotted





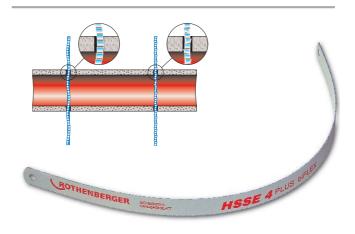
Model	Clampi	ng width mm	$\Delta_g \Delta$	No.
Metal saw frame without saw	/ blade	300	530	30.0013

#### **UNI Small Saw "PUK"**

Saw blade for wood

For sawing all materials, small and handy, good cutting performance





150 (14 ZpZ)

Model	mm	ZpZ	ΔgΔ			No.
HSSE 4 Plus	300	24	20	1	100	7.1213



7.1216

#### **Seaming Pliers**

Steel forged, burnished heavy duty box joint, PVC covered grips



Form	Muzzle width mm	<b>L</b> mm	ΔgΔ	No.
Straight	60	280	600	35.1055
45° bent	60	280	630	35.1056
90° bent	60	280	630	35.1057

#### **NIBBLER**

#### **Metal snips**

Especially suitable for cutting exact shapes: for holes and corrugated metal (bore hole of  $\emptyset$  7 mm for cuttings), no damage or deformation of the cutting edges: cutting width 2.7 mm, powerful plastic covered steel grips with opening spring and latch; easy cutting due to lever gear, replaceable knife



Sheet thickness	Alu, Cu, Plastic	<b>⊫</b> L∎ mm	$\sqrt{g}$	No.
1.2 Spare blade	2.0	250	470 20	7.1049 7.1051

#### **ROSNIP**

#### Offset- and utility snips

With double transmission: Shear can turn 180° with ease while in metal sheet, wire cutting device. Cutting performance: up to 1.5 mm stainless steel up to 0.8 mm

Better overview during cutting and no injuries.
 Handles above the sheet



		<u>L</u>		
Model	Model	mm	$\Delta_g \Delta$	No.
Offset- and Utility Snips	right	220	400	7.1080
	left	220	400	7.1081

#### **Bulldog Snips with Lever Gear**



Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage. Self-opening, tough design, ergonomic PVC handle sleeves. Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



Model	Model	<b>p</b> ∟ <b>d</b> mm	$\sqrt{g}$	No.
Bulldog Snips	right	260	560	7.1070
Bulldog Snips	left	260	560	7.1069

#### **Utility Snips with Lever Gear**

Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage.
Self-opening, tough design, ergonomic PVC handle sleeves.
Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



		<u>L</u>		
Model	Model	mm	$\Delta_g \Delta$	No.
Utility Snips	right	260	540	7.1071
Utility Snips	left	260	540	7.1073

#### Offset Snips with Lever Gear

Shear head drop forged, cutting edge double hardened, fine-tooth system on the cutting edge prevents slippage

fine-tooth system on the cutting edge prevents slippage.
Self-opening, tough design, ergonomic PVC handle sleeves.
Cutting performance up to 1.8 mm, stainless steel up to 1.2 mm



Model	Model	mm	√ <sub>g</sub> ∆	No.
Offset Snips	right	260	570	7.1072
Offset Snips	left	260	570	7.1074

#### **Hammer**

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



Head weight $\sqrt[4]{g}$	Total weight $\sqrt[4]{g}$	No.
300	470	32.2823
400	590	32.2824
500	670	32.2825
800	1180	32.2827
1000	1210	32.2828
1500	1750	32.2829
2000	2340	32.2830

#### **Lump Hammer**

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





Head weight $\sqrt[4]{g}$	Total weight $\left\langle \begin{array}{c} \downarrow \\ \downarrow \end{array} \right\rangle$	No.
1000	1170	32.2921
1250	1380	32.2922
1500	1670	32.2923
2000	2250	32.2924

#### **Centre Punch**

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



**DIN** -Norm



Cone tip	<b>▶</b> mm	Shaft	$\sqrt[]{g}$	No.
4	120	10	50	7.7279

#### Pin Punch Set, 6 pieces



**6 part** set (No. 7.7297) includes: 4 pin punches 150 x 10 x Ø 3, Ø 4, Ø 5, Ø 6 mm, 2 pin punches 150 x 12 x Ø 7, Ø 8 mm

Model	$\Delta_g \Delta$	No.
Pin Punch Set	550	7.7297

#### Chisel

Safety tempered impact head prevents splintering off the chisel head

- Silver lacquered tip
- Chrome manganese silicon steel



ROTHENBERGER	
No.7.7072	

( BOTHENDERSER	
No. 7.7164	
ROTHENBERGER	1000
No. 2.5810	
ROTHENBERGER	
No. 7.7245	

	Length	Shaft	Cutting with	out hand protec	tion	with hand protection	า
Model	mm	mm	Width mm	$\Delta_g \Delta$	No.	ΔgΔ	No.
Mason Chisel, flat	300	16	22	470	7.7033	560	7.7050
Mason Chisel, pointed	300	16	-	455	7.7072	545	7.7090
Electrician Chisel	250	8	13	95	7.7164		
Slotted Chisel	235	26 x 7	26	245	2.5811	345	2.5810
Cross Chisel	200	20 x 12	8	315	7 7245		

#### **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 Zoll	for pipes mm	$\sqrt[4]{\log kg}$ No.
120	125	65	3/8 - 1.1/2"	16 - 55	8.7 <b>7.0705X</b>
140	150	80	3/4 - 2"	27 - 70	15.6 <b>7.0735X</b>

#### **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 pipe / inch	<b>▶</b> for pipe / mm	$\Delta_{kg}\Delta$	No.
1/8 - 2 "	10 - 60	3.7	7.0710
Spare jaws (contains 3 pcs.)		0.2	7.0670
1/8 - 3"	10 - 89	7.9	7.0712
Spare jaws (contains 3 pcs.)		0.2	7.0672
1/8 - 4"	10 - 114	11.7	7.0711
Spare jaws (contains 3 pcs.)		0.2	7.0671

#### **Chain Pipe Vice**

Tough, powerful design with V-shaped support prevents undesired bending during clamping. Bending device, pipe support, wear-resistant jaws are forged and hardened. Powerful chain, quick fastening due to offset lever and pretensioning screw, simple conversion to other pipe pre-tensioning screw, simple conversion to other pipe

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







For pipes /inch	for pipes / mm	$\sqrt[]{\log \Delta}$	No.
1/8 - 2.1/2"	10 - 76	3.8	7.0713
Spare jaw		0.7	7.0734
Spare chain		0.5	7.0731
1/8 - 4"	10 - 114	6.2	7.0714
Spare jaw		0.8	7.0721
Spare chain		0.6	7.0732
1/8 - 6"	10 - 165	9.3	7.0715
Spare jaw		0.9	7.0722
Spare chain		1.3	7.0733

#### **ROBOY® Clamping Workbench**

For on-site repair and service work

- Portable, handy and practical workbench with 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. 7.0705X) and rotatable table not included

Model	Dimensions / mm	$\Delta_{kg}\Delta$	No.
ROBOY®	650 x 400	14.9	7.0700

#### **Tripod Uni Workbench**

- Collapsible, stable frame
- Holes and slots for attaching various tools
- Bending of pipes Ø 3/8" 1/2" 3/4"
- Universal vice attachments applicable for pipe vice (No. 7.0710) and chain pipe vices (No. 7.0713, 7.0714, 7.0715)
- Screw fixture for 1" pipe to enable overhead support of the device



Model	$\Delta_{kg}\Delta$	No.
Tripod Uni Workbench	15.3	7.0751

#### Multi-purpose Workbench 1/8" - 2"

Foldable, stable, anti-slip frame, with foldable pipe vice bending holes and large tool rack



Model	<b>▶</b> inch	$\Delta_{kg}\Delta$	No.
Multi-purpose Workbench	1/8" - 2"	21.0	7.0740

#### **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	$\Delta_{kg}\Delta$	No.
Telescopic Workbench	700 x 450 x 30	17.4	7.0699X

#### **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	$\Delta_{\text{kg}}\Delta$	No.
"Installer"	1200 x 550 x 835	30	7.0690X
"Pipe-fitter"	1000 x 700 x 835	32	7.0696
"Pipe-fitter"	1200 x 750 x 835	38	7.0698