

ROTHENBERGER

pipetool technologies at work

2016/2017



ONE
of
6.000

**Premium tools for
professionals!**



R 600

Almost real "Classics":

Our R-system pipe cleaning machines R 550, R 600, R 650 and R 750 can remove even the most persistent blockages – all over the world. Our customers can always count on receiving the highest quality products which have earned the right to carry the ROTHENBERGER name.

Obviously "Made in Germany"!



Transparency, Efficiency and Competence.

Communication, production and technical know-how are united in the ROTHENBERGER TEC Center. The architecture, which is a perfect symbiosis of functionality and aesthetics, is perfectly suited for performing a wide variety of tasks. Furthermore, the TEC Center is a place of inspiration for our visitors with a representative showroom, the training rooms and a highly praised gastronomy. **Welcome!**



Welcome to ROTHENBERGER!

We contribute to the supply of water and energy for people all over the world. With more than 6,000 products we offer the largest product portfolio in the industry – and can therefore offer comfortable “one-stop shopping” for our partners in craft, trade and industry. More than 1,700 colleagues in 50 subsidiaries and 17 production sites worldwide develop and manufacture roughly 28 million tools every year, which are sold in 90 countries around the world.

However, it is not just a matter of quantity: More than 200 patents and trademarks, as well as a high in-house production quota are evidence of the high standard and quality of our products. It is our objective to support and simplify the everyday professional work of our customers in order to make it possible for them to deliver the best results in the shortest period of time. This is what our good name has represented for more than 65 years – and we are proud of it.

10 good reasons why trade professionals choose ROTHENBERGER again and again:

1. The right tool for everyone:

Our full product range includes more than 6.000 products – making it the most extensive program in the world!

2. All for the customer:

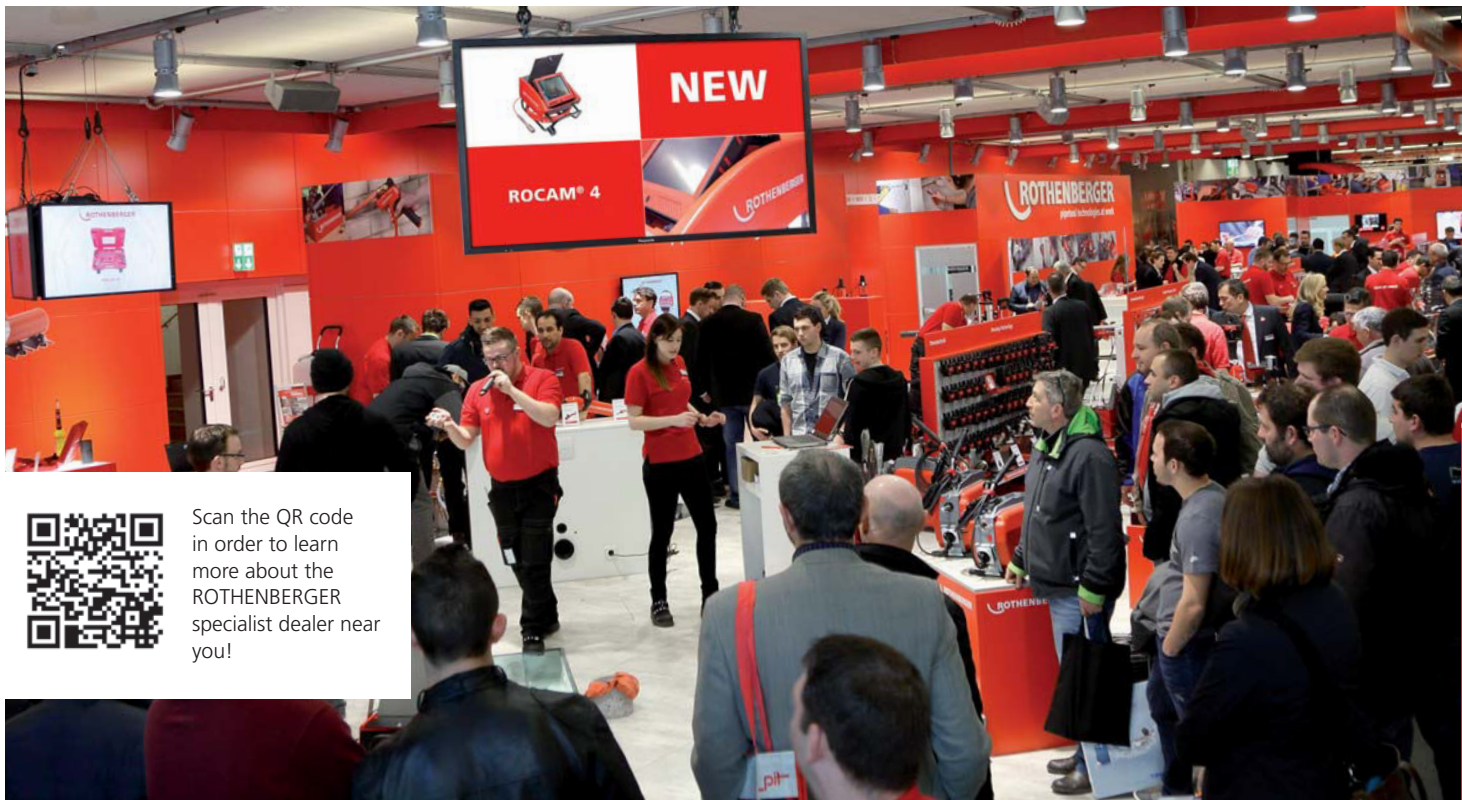
Every day in subsidiaries around the world 1.700 ROTHENBERGER employees dedicate themselves to ensuring that our customers are 100% satisfied with our products, technologies and services – on a global scale.

3. Nothing but the best – our standards of quality:

Every product which carries the name ROTHENBERGER meets the highest professional requirements. A promise which we deliver on afresh day by day.

4. Professional solutions – more than just products:

Your tradecraft is the focus of our innovative strength. ROTHENBERGER represents integrated system solutions which support you in performing better, quicker, easier and – above all – more profitably!



Scan the QR code in order to learn more about the ROTHENBERGER specialist dealer near you!

5. Innovation and production in one hand:

The ROTHENBERGER Research and Development department is distributed over three locations in Kelkheim (Germany), Abadiano (Spain) and Épernay (France), where our main production sites are located as well. Moreover, we produce in our own plants – for example in the USA and at 13 further group locations in 7 European countries.

6. We set standards:

Innovative tools and technologies from ROTHENBERGER keep changing the market and the handcraft. This is evidenced by the existence of more than 200 patents and trademarks, as well as revolutionary developments such as the Constant Force Technology (CFT®), app-supported inspection cameras or completely new types of connection technologies.

7. „Live at work“ – simply closer:

Before the sale is after the sale! To ensure this, approximately 500 ROTHENBERGER sales consultants and 200 demonstration vehicles are deployed every day. We also present in local markets at more than 120 exhibitions every year. At our central office in Kelkheim we are continuously training specialised trade representatives – in order to guarantee expert consultations and advice!

8. Best products – best service:

ROTHENBERGER operates more than 150 globally active service centers. This enables us to quickly provide repair and maintenance work. And the best part: Our RO SERVICE+ program offers you the best conditions with minimal costs!

9. Reliable, simple and rapid:

Thanks to the international ROTHENBERGER Supply Chain network we are able to achieve the highest possible availability and the shortest delivery times. Because of this 97% of our customers receive the goods they ordered within 48 hours!

10. We are right where you need us:

Whether you are interested in ordering our tools, have a service request or want to follow us on Facebook – we offer various contact options for you to get in touch!



Locally for YOU!

ROTHENBERGER is regularly available at specialized trade stores and exhibitions. We look forward to getting to know YOU – and convincing YOU of the quality of our products and service solutions!



Innovation with an app!

ROTHENBERGER stands for innovation – so this is a matter of course: Go online with the pipe inspection systems app!



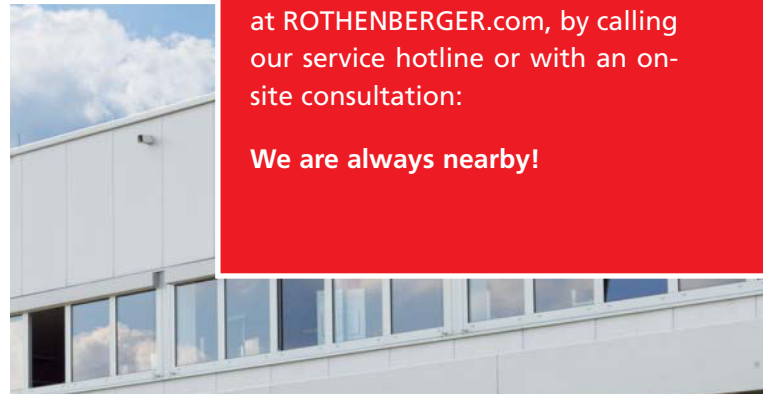
You can find us everywhere!

Whether at an authorised dealer, at ROTHENBERGER.com, by calling our service hotline or with an on-site consultation:

We are always nearby!

This is where customer satisfaction begins:

Our two Global Logistics Centers in Germany and Spain deliver products quickly and directly to our trading partners – in over 12 countries in Europe. Together with additional local logistics centers in 21 countries, they compromise the global ROTHENBERGER Supply Chain network which guarantees reliable supply. The satisfaction of our customers is our highest priority!



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ONE of 6.000

Premium tools for
professionals!



Cutting

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our products?
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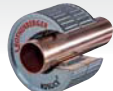

Pipe Cutter Steel, Plastic, MSR

	TC 35 DURAMAG®	TC 35 C	TC 35 DURAMAG® MSR	INOX TC 35 PRO DURAMAG®	TC 42 PRO
					
Work space:	Ø 6-35 mm (1/4-1.3/8")	Ø 6-35 mm (1/4-1.3/8")	Ø 6-35 mm (1/4-1.3/8")	Ø 6-35 mm (1/4-1.3/8")	Ø 6-42 mm (1/4-1.5/8")
Dimensions:	150 x 60 x 40 mm	150 x 60 x 40 mm	150 x 60 x 40 mm	150 x 60 x 40 mm	160 x 60 x 40 mm
Weight:	255 g	470 g	255 g	255 g	540 g
Extras:	Internal pipe deburrer, Spare cutter wheels	Internal pipe deburrer, Spare cutter wheels	Internal pipe deburrer, Spare cutter wheels	Internal pipe deburrer, Spare cutter wheels	Internal pipe deburrer, Spare cutter wheels
Suitable for:	Cu, Brass, Al, Thin-walled steel pipes	Refrigeration technology	PE-, PP-, PVDF-, PVC, Plastic coated pipes	Stainless steel	Cu, Brass, Al, Thin-walled steel pipes
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	TC 42 PRO MSR	TC 42 PRO PVC	INOX TC 42 PRO	MINICUT I PRO	MINICUT II PRO
					
Work space:	Ø 6-42 mm (1/4-1.5/8")	Ø 6-42 mm (1/4-1.5/8")	Ø 6-42 mm (1/4-1.5/8")	Ø 3-16 mm (1/8-5/8")	Ø 6-22 mm (1/4-7/8")
Dimensions:	160 x 60 x 40 mm	160 x 60 x 40 mm	160 x 60 x 40 mm	70 x 40 x 30 mm	170 x 100 x 70 mm
Weight:	540 g	540 g	540 g	115 g	125 g
Extras:	–	–	–	–	–
Suitable for:	PE-, PP-, PVDF-, Plastic coated pipes	PE-, PP-, PVDF-, Plastic coated pipes	Stainless steel	Cu, Messing, Al, Thin-walled steel pipes	Cu, Messing, Al, Thin-walled steel pipes
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	MINICUT 2000	MINI MAX	TUBE CUTTER 30 PRO	TUBE CUTTER 50 PRO	INOX TUBE CUTTER 30 PRO
					
Work space:	Ø 6-22 mm (1/4-7/8")	Ø 6-28 mm (1/8-1.1/8")	Ø 3-30 mm (1/8-1.3/8")	Ø 12-50 mm (1/2-2")	Ø 3-30 mm (1/8-1.1/8")
Dimensions:	70 x 40 x 30 mm	80 x 60 x 30 mm		380 x 90 x 90 mm	150 x 60 x 40 mm
Weight:	140 g	270 g	305 g	520 g	305 g
Extras:	–	–	Internal pipe deburrer, Spare cutter wheel	Internal pipe deburrer, Spare cutter wheel	Internal pipe deburrer, Spare cutter wheel
Suitable for:	Cu, Brass, Al, Thin-walled steel pipes	Cu, Brass, Al, Thin-walled steel pipes	Cu, Brass, Al, Thin-walled steel pipes	Cu, Brass, Al, Thin-walled steel pipes	Stainless steel Thin-walled steel pipes
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Pipe Cutter Steel

	Automatic Pipe Cutter Gr. 1	Automatic Pipe Cutter Gr. 2	Chain Pipe Cutter	ROSLICE 12 mm	ROSLICE 15 mm
					
Work space:	Ø 6-67 mm (1/4-2.5/8")	Ø 50-127 mm (2-5")	Ø 20-100 mm (1-4")	Ø 12 mm (1.1/8")	Ø 15 mm (5/8")
Dimensions:	240 x 110 x 50 mm	360 x 80 x 70 mm	370 x 280 x 250 mm	175 x 100 x 45 mm	175 x 100 x 45 mm
Weight:	755 g	755 g	575 g	230 g	240 g
Extras:	Internal pipe deburrer, Spare cutter wheels	Internal pipe deburrer	–	–	–
Suitable for:	Cu, Brass, Al, Thin-walled steel pipes, Plastic coated pipes	Cu, Brass, Al, Thin-walled steel pipes, Plastic coated pipes	Cu, Brass, Al, Thin-walled steel pipes, Plastic coated pipes	Cu	Cu

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	ROSLICE 18 mm	ROSLICE 22 mm	INOX TUBE CUTTER	ENORM 4"	SUPER 1.1/4"
					
Work space:	Ø 18mm (3/4")	Ø 22 mm (7/8")	Ø 6-60 mm (1/4-2.3/8")	Ø 60-115 mm (2-4")	Ø 10-42 mm (1/8-1.1/4")
Dimensions:	175 x 100 x 45 mm	175 x 100 x 45 mm	610 x 190 x 70 mm	280 x 110 x 40 mm	400 x 130 x 60 mm
Weight:	250 g	260 g	305 g	7.105 g	1.040 g
Extras:	–	–	–	–	–
Suitable for:	Cu	Cu	Stainless steel	Steel	Steel

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	SUPER 2"	INOX SUPER 1.1/4"	INOX SUPER 2"
			
Work space:	Ø 10-60 mm (1/8-2")	Ø 10-42 mm (1/8-1.1/4")	Ø 10-60 mm (1/8-2")
Dimensions:	400 x 130 x 60 mm	280 x 110 x 40 mm	400 x 130 x 60 mm
Weight:	2.155 g	1.040 g	2.155 g
Extras:	–	–	–
Suitable for:	Steel	Stainless steel	Stainless steel

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Cutting






System Overview Cutting Tools

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Plastic Pipe Cutter

	TC 67 PL	TC 125 PL	TC 168 PL	PLASTICUT PVC	PLASTICUT PVC	PLASTICUT PVC
						
Work space:	Ø 6-67 mm (1/4-2.5/8")	Ø 50-125 mm (2-5")	Ø 110-168 mm (4-6.5/8")	Ø 32 mm	Ø 40 mm	Ø 50 mm
Dimension:	280x110x50 mm	360x180x70 mm	400x220x70 mm			
Weight:	700 g	1.600 g	1.700 g	55 g	70 g	115 g
Extras:	Internal pipe deburrer Spare cutter wheels	Internal pipe deburrer	Internal pipe deburrer	–	–	–
Suitable for:	PE-, PP-, PEX-, PB-, PVDF-Pipes, Sound- isolated drain pipes	PE-, PP-, PEX-, PB-, PVDF-Pipes, Sound- isolated drain pipes	PE-, PP-, PEX-, PB-, PVDF-Pipes, Sound- isolated drain pipes	PVC	PVC	PVC
Page	24	24	24	25	25	25

Plastic Shears

	ROCUT® TC 26	ROCUT® TC 32	ROCUT® PS 35	ROCUT® PS 26/42 S	ROCUT® TC 42
					
Work space:	Ø 0-26 mm (0-1/4")	Ø 0-32 mm (1.3/8")	Ø 6-35 mm (1/4-1.3/8")	Ø 6-42 mm (1/4-1.5/8")	Ø 0-42mm (0-1.5/8")
Dimension:	310 x 150 x 120 mm	260 x 170 x 120 mm	215 x 195 x 40 mm	290 x 240 x 40 mm	210 x 150 x 120 mm
Weight:	370 g	220 g	740 g	950 g	447 g
Suitable for:	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*
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	ROCUT® TC 50	ROCUT® TC 63	ROCUT® TC 75
			
Work space:	Ø 0-50 mm (0-2")	Ø 0-63 mm (0-2.1/2")	Ø 0-75 mm (0-3")
Dimension:	350 x 170 x 30 mm	350 x 170 x 180 mm	250 x 60 x 60 mm
Weight:	600 g	700 g	1.600 g
Suitable for:	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*	PP-,PE-,PEX-, PB-, PVDF-, MSR*
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Pipe Saws

ROTIGER VARIO ELECTRONIC



UNIVERSAL ROTIGER VARIO ELECTRONIC



Work space:		up to Ø 6" –
Power:	1.500 Watt (230V, 110V)	1.600 Watt (230V), 1.300 Watt (110V)
Speeds:	0 - 2.200 r/min	1.000 - 2.800 r/min
Weight:	4,3 kg	3,7 kg
Hub:	26 mm	26 mm
Dimensions:	491 x 94 x 108 mm	440 x 120 x 80 mm
Saw blade holder:	Universal, U-shaft, special pipe saw blades	Quick tensioning for universal saw blades
Extras:	Chain tensioning device up to Ø 6"	

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Pipe Cutting System

PIPECUT TURBO 250



PIPECUT TURBO 400



Work space:	Ø 20 - 250 mm	Ø 80 - 400 mm
Power:	1.400 Watt (230V, 110V, 50-60 Hz)	1.400 Watt (230V, 110V, 50-60 Hz)
Weight:	8,3 kg	10,2 kg
Dimensions:	223 x 235 x 410 mm	223 x 285 x 550 mm
Max. Wall thickness:	8 - 20 mm	8 - 20 mm
Cut-off wheels Ø:	Ø 140 - 165 mm	Ø 140 - 165 mm
Clutch Ø:	Ø 62 mm	Ø 62 mm

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Cutting

Cutting Metal Manual

1 TUBE CUTTER 35 / 42 Pro

Proven pipe cutter for the precise cutting of pipes
Ø 6 - 42 mm (1/4 - 1.5/8")



Product Profile

APPLICATION AREA

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

INOX TC 35 / INOX TC 42 Pro

Stainless steel pipes INOX TC 35 Ø 6 - 35 mm /
INOX TC 42 Ø 6 - 42 mm

KEY FEATURES

- Optimal for confined spaces
- Quick adjustment of the working area
- Spare cutter wheel in handle
- Cuts near to flares are possible
- Retractable internal pipe deburrer
- Robust and extremely stable

Metal casing with DURAMANT® coating:
Robust and extremely stable!



For copper and aluminium



For MSR-pipes



For INOX (Stainless Steel)-pipes



For refrigeration technology



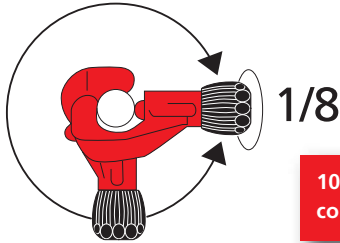
TUBE CUTTER 35 DURAMAG® Counter Display

Counter display includes six TUBE CUTTER 35 DURAMAG®

Product Profile

KEY FEATURES

- Improved performance
- Higher stability with noticeably less weight



Constant, tight working radius of 123 mm



100% magnesium body up to 30% lighter compared to previous model!



No. 070027DB

Model	mm	inch	g			No.
TUBE CUTTER 35 DURAMAG® (Cu, brass, Al, thin-walled pipe)	6 - 35	1/4" - 1.3/8"	255	1	4	70027
TUBE CUTTER 35 DURAMAG® Display	6 - 35	1/4" - 1.3/8"	1700	1	6	070027DB
TUBE CUTTER 35 C (for refrigeration)	6 - 35	1/4" - 1.3/8"	470	1	4	070027C
TUBE CUTTER 35 DURAMAG® MSR	6 - 35	1/4" - 1.3/8"	470	1	4	70108
TUBE CUTTER 42 PRO (Cu, brass, thin-walled steel pipe)	6 - 42	1/4" - 1.5/8"	540	1	4	70029
TUBE CUTTER 42 PRO MSR	6 - 42	1/4" - 1.5/8"	540	1	4	70109
TUBE CUTTER 42 PRO PVC	6 - 42	1/4" - 1.5/8"	540	1	4	70072
INOX TUBE CUTTER 35 PRO DURAMAG® (stainless steel)	6 - 35	1/4" - 1.3/8"	470	1	4	70055
INOX TUBE CUTTER 42 PRO	6 - 42	1/4" - 1.5/8"	540	1	4	70070

ROTRAC 28 / 42

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



Product Profile

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



Casing made in one cast

Stable and long-lasting

Model	mm	inch	g	No.	Description	g	No.
ROTRAC 28	3 - 28	1/8 - 1.1/8"	220	70010	Spare cutter wheel (contains 3 pcs.) Cu, Al, brass	20	070007D
ROTRAC 42	6 - 42	1/4 - 1.5/8"	255	70011	Spare axle	5	70080

ACCESSORIES

Model		No.
Internal / External deburrer, Ø 6 - 35 mm	33	1500000237
Internal / External deburrer, Ø 10 - 54 mm	33	1500000236
GRATFIX	34	21655
UNIGRAT	34	21660
Spare cutter wheels	21	



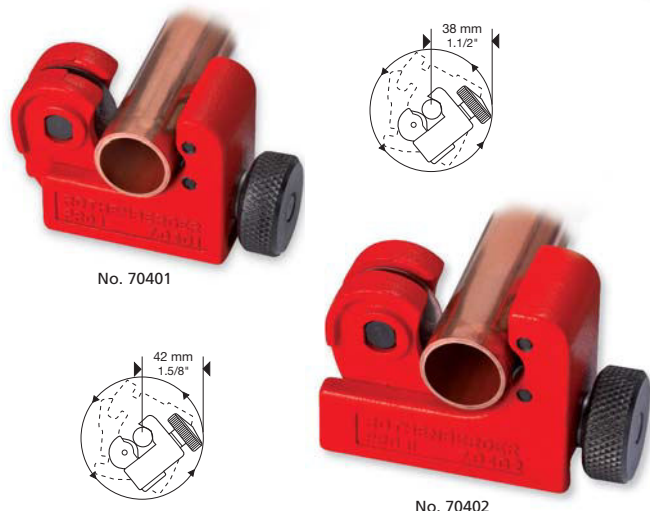
Cutting

Cutting Metal Manual

1 MINICUT I PRO / II PRO

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

Ideal for maintenance and repair work!



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 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
- Monoblock design allows delivery precision

Model	mm	inch	g		No.
MINICUT I PRO	3 - 16	1/8 - 5/8"	115	1 4	70401
MINICUT II PRO	6 - 22	1/4 - 7/8"	125	1 4	70402
Spare cutter wheel			20	1(5)	070017D
Spare axle			5	1	70041

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 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	g		No.
MINICUT 2000	6 - 22	1/4 - 7/8"	140	1 4	70105
Spare cutter wheel			20	1(5)	070017D
Spare axle			5	1	70041

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	inch	g		No.
MINI MAX	3 - 28	1/8 - 1.1/8"	270	1 4	70015
Spare cutter wheel			20	1(5)	070017D
Spare axle			5	1	70041

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



No. 71019

Model	mm	inch	g	No.
TUBE CUTTER 30 PRO	3 - 30	1/8 - 1.1/8"	305	1 4 71019
TUBE CUTTER 50	12 - 50	1/2 - 2"	520	1 4 70065

Model	g	No.
Spare cutter wheel (contains 5 pc.)	20 1	070017D
Spare axle	5 1	70041

Automatic Ratchet Telescopic Pipe Cutter

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
- Retractable internal deburrer and spare cutter wheel in handle
- Monoblock design
- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release
- Self-clamping prevents release due to quick adjustment during the cutting process



No. 70030



Model	mm	inch	g	No.
Size 1	6 - 67	1/4 - 2.5/8"	755	70030
Size 1 Spare deburring blade			5	21652
Size 1 Spare cutter wheel (5 pcs.)			20	070017D
Size 2 Spare cutter wheel (2 pcs.)			20	070057D
Size 2 Spare deburring blade			5	21652

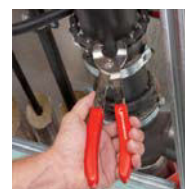
Model	mm	inch	g	No.
Size 2	50 - 127	2 - 5"	1850	70142
Size 1 Spare axle			20	70042
Size 1 Spare deburrer complete			5	7500041
Size 2 Spare axle			5	70149

Chain Pipe Cutter

For pipes Ø 20 - 100 mm (1 - 4")

KEY FEATURES

- For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipes
- Ideal for working in confined spaces, e.g. parallel-running pipes
- Stable chain with 15 mini cutter wheels, two-step adjustment, chrome plated with plastic covered handles



No. 70285

Model	mm	inch	g	No.
Chain pipe cutter	20 - 100	1 - 4"	575	70285
Spare cutter wheel chain			180	70286

ACCESSORIES

Model	No.
Internal / External deburrer, Ø 6 - 35 mm	33 1500000237
Internal / External deburrer, Ø 10 - 54 mm	33 1500000236
GRATFIX	34 21655
UNIGRAT	34 21660
Spare cutter wheels	21



Cutting

Cutting Metal Manual

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ROSLICE®

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

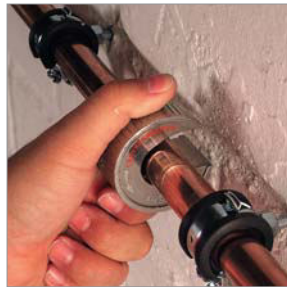


Ergonomic form

Less space needed, ideal for hard-to-reach places



Pipe cutting possible near the wall



Indicates rotating direction

Quick cutting with just a few turns

KEY FEATURES

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

Self-clamping and self-alignment

Prevents the deformation of the pipe

Non-slip surface

Reliable grip

Model	mm/inch	g	No.
ROSLICE®	12 mm	1 240	88812
ROSLICE®	15 mm	1 230	88815
ROSLICE®	18 mm	1 260	88818
ROSLICE®	22 mm	1 250	88822
Spare cutter wheel	1.1/8", 12 mm	5 36.3	088840D
Spare cutter wheel	5/8"-7/8", 15-22 mm	5 34.6	088841D
Spare cutter wheel	1/2"-3/4", 18 mm	5 37.4	088842D

INOX TUBE CUTTER 30 PRO

Stainless steel pipe cutter Ø 3 - 30 mm (1/8 - 1.1/8") for the precise cutting of stainless steel pipes

INOX!



2 guide rollers with recess

Cut near flares



Precise cutting of stainless steel pipes



Internal deburrer

Retractable

Cutter wheel compartment

Spare cutter wheel always within reach

KEY FEATURES

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

Model	mm	inch	g	No.
INOX TC 30 PRO	3 - 30	1/8 - 1.1/8"	305	4 71085
Spare cutter wheel (contains 5 pcs.)			20	1(5) 070056D
Spare axle			5	70041



INOX TUBE CUTTER

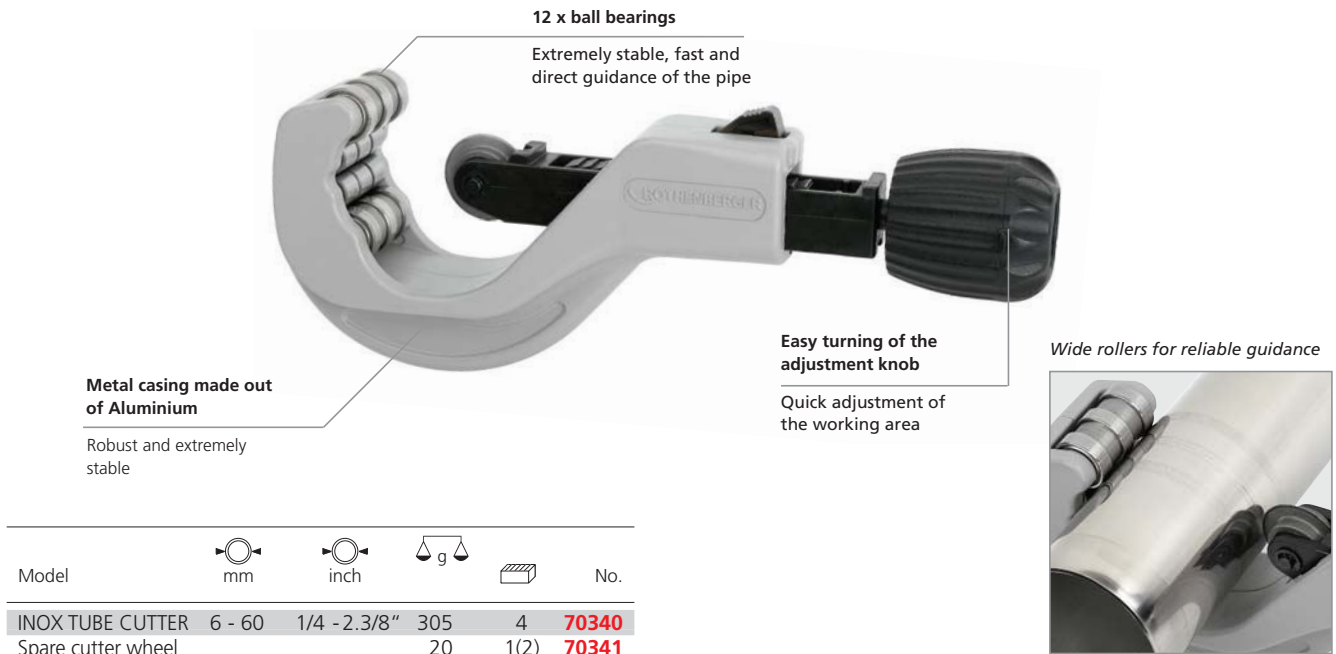
Ratchet telescopic pipe cutter Ø 6 - 60 mm (1/4 - 2.3/8")
for the precise cutting of stainless steel pipes

INOX!

KEY FEATURES

- Quick adjustment with the ratchet telescopic guide with automatic spring-driven release

12 x ball bearings!



Model	mm	inch	g		No.
INOX TUBE CUTTER	6 - 60	1/4 - 2.3/8"	305	4	70340
Spare cutter wheel			20	1(2)	70341

INOX TUBE CUTTER 35 / 42 PRO

Proven pipe cutter Ø 6 - 42 mm (1/4 - 1.5/8") for
the precise cutting of stainless steel pipes

INOX!

KEY FEATURES

- Hardened, special cutter wheel made of high-alloyed steel
- External burr-free cutting
- Stainless steel guide rollers
- Stainless steel guide rolls, cuts near flares possible
- Optimum use in tight places
- Quick adjustment of the working area
- Retractable pipe internal deburrer
- Robust and extremely stable



Model	mm	inch	g	No.
INOX TC 35	6 - 35	1/4 - 1.3/8"	440	70055
INOX TC 42 PRO	6 - 42	1/4 - 1.5/8"	510	70070
Spare cutter wheel (contains 5 pcs.)			20	070056D
Spare deburring blade			10	21652

ACCESSORIES

Model		No.
Internal / External deburrer, Ø 6 - 35 mm	33	1500000237
Internal / External deburrer, Ø 10 - 54 mm	33	1500000236
GRATFIX	34	21655
UNIGRAT	34	21660
Spare cutter wheels	21	



Cutting

Cutting Metal Manual

1

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

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

Thread for handle



Handle (included in delivery)



Anti-slip surface

Reliable grip

Model	mm	inch	g	No.	Model	g	No.
ENORM 4"	60 - 115	2 - 4"	7105	70060	Spare axle	5	70064
Spare cutter wheel (contains 2 pcs.)			20	070061D			

SUPER 1.1/4" and 2"

Stainless steel pipe cutter Ø 10 - 60 mm (1/8 - 2")

KEY FEATURES (SUPER/INOX SUPER)

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

INOX SUPER 1.1/4" and 2"

Stainless steel pipe cutter Ø 10 - 60 mm (1/8 - 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



INOX!

Precise cutting of stainless steel pipes



Model	mm	inch	g	No.	Model	mm	inch	g	No.
SUPER 1.1/4"	10 - 42	1/8 - 1.1/4"	1040	70040	INOX SUPER 1.1/4" 10 - 42	10 - 42	1/8 - 1.1/4"	1040	70086
SUPER 2"	10 - 60	1/8 - 2"	2155	70045	INOX SUPER 2" 10 - 60	10 - 60	1/8 - 2"	2155	70087
1.1/4" Spare cutter wheel (contains 3 pcs.)			20	070046D	1.1/4" Spare cutter wheel (contains 2 pcs.)			20	070088D
1.1/4" Spare axle			5	70048	1.1/4" Spare axle			5	70048
2" Spare cutter wheel (contains 3 pcs.)			20	070051D	2" Spare cutter wheel (contains 2 pcs.)			20	070089D
2" Spare axle			5	70053	2" Spare axle			5	70053

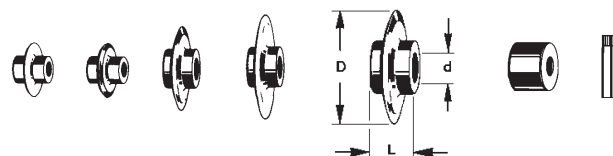
ACCESSORIES



Model		No.
Internal / External deburrer, Ø 6 - 35 mm	33	1500000237
Internal / External deburrer, Ø 10 - 54 mm	33	1500000236
GRATFIX	34	21655
UNIGRAT	34	21660
Spare cutter wheels	21	

Pipe Cutters, Cutting Wheels and Spare Parts

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



1



Pipe cutter type	Model for pipe - Ø	No.	Cutting wheel No.	Sizes d, L, D mm		Cutting depth	Spare axle No.	Ø mm Length mm Thread	Spare roller No.	Deburring blade No.	Application area
MINICUT I PRO	3 - 16 mm	70401	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70023	-	Copper pipe (Cu),
MINICUT II PRO	6 - 22 mm	70402	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70023	-	Brass pipe (Ms),
MINICUT 2000	3 - 22 mm	70105	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	-	-	Aluminium pipe (Al),
MINIMAX	3 - 28 mm	70015	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	-	-	thin-walled Steel pipe (Fe),
											PVC hard plastic pipe
											Plastic coated pipe
TUBE CUTTER 30 PRO	3 - 30 mm	71019	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70067	-	Copper pipe (Cu),
TUBE CUTTER 35 + 35 C	6 - 35 mm	070027(C)	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70067	21652	Brass pipe (Ms),
TUBE CUTTER 42 PRO	6 - 42 mm	70029	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70067	21652	Aluminium pipe (Al),
											thin-walled Steel pipe (Fe),
TUBE CUTTER 35 MSR	6 - 35 mm	70108	070188D	4.8 / 5.9 / 19.3	5	3.0	70041	4.7 / 14 / M3	70067	21652	PVC hard plastic pipe
TUBE CUTTER 42 PRO MSR	6 - 42 mm	70109	070188D	4.8 / 5.9 / 19.3	5	3.0	70041	4.7 / 14 / M3	70067	21652	Plastic coated pipe
TUBE CUTTER 50	12 - 50 mm	70065	070017D	4.8 / 5.9 / 18.5	5	3.0	70006	4.7 / 16 / M4	-	-	Multi-layered composite pipe
		70030	070017D	4.8 / 5.9 / 18.5	5	3.0	70042	4.7 / 16 / M4	-	21652	Cu, Ms, Al, Fe thin-walled.
		70031	070028D	4.8 / 11 / 29.0	3	7.0	70042	4.7 / 16 / M4	-	21652	PE-, PP-, VPE, PB- and PVDF pipes
		70142	070057D	8 / 11 / 29.0	2	7.0	70149	7.9 / 23.5 / 1/4"	-	21652	thin-walled. Cu, Ms, Al, Fe
			055054D	8 / 11 / 40.0	3	13.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes
			055053D	8 / 11 / 30.5	2	8.6	70149	7.9 / 23.5 / 1/4"	-	21652	thin-walled. PP pipes
			055074D	8 / 11 / 45.0	2	16.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes
			055074D	8 / 11 / 45.0	2	16.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes
			055053D	8 / 11 / 30.5	2	8.6	70149	7.9 / 23.5 / 1/4"	-	21652	thin-walled. PP pipes
TUBE CUTTER 28	3 - 28 mm	70010	070007D	4.8 / 3 / 16	3	2.5	70080 + 70081	4.7 / 9 / SR	80679	-	Cu, Ms, Al, Fe thin-walled.
TUBE CUTTER 42	3 - 42 mm	70011	070007D	4.8 / 3 / 16	3	2.5	70080 + 70081	4.7 / 9 / SR	80679	-	Cu, Ms, Al, Fe thin-walled.
TUBE CUTTER 42 PRO PVC	6 - 42 mm	70072	070028D	4.8 / 9.5 / 23.6	3	7.0	70041	4.7 / 14 / M3	70067	-	PE-, PP-, VPE, PB- and PVDF pipes
Steel Pipe Cutter SUPER	1/8" - 1.1/4"	70040	070046D	7.5 / 14.0 / 25.7	3	5.5	70048	7.4 / 30 / -	70047	-	Steel pipe
	1/8" - 2"	70045	070051D	9.0 / 17.0 / 31.5	3	6.0	70053	8.9 / 35 / -	70052	-	Steel pipe
Steel Pipe Cutter ENORM	2" - 4"	70060	070061D	9.7 / 27 / 41.5	2	8.0	70064	9.4 / 52 / -	70063	-	Steel pipe
INOX TUBE CUTTER 30 PRO	3 - 30 mm	71085	070056D	7.5 / 14.0 / 25.7	5	5.5	70041	4.7 / 14 / M3	70068	-	Stainless steel pipe
INOX TUBE CUTTER	10 - 54 mm	70340	70341	5.0 / 21.0 / 30.0	2	3.5	70041	4.7 / 14 / M3	70068	21652	Stainless steel pipe
INOX TUBE CUTTER 35	6 - 35 mm	70055	070056D	4.8 / 5.9 / 18.5	5	4.0	70041	4.7 / 14 / M3	70068	21652	Stainless steel pipe
INOX TUBE CUTTER 42 PRO	6 - 42 mm	70070	070056D	4.8 / 5.9 / 18.5	5	4.0	70041	4.7 / 14 / M3	70068	21652	Stainless steel pipe
INOX SUPER	1/8" - 1.1/4"	70086	070088D	4.8 / 5.90 / 19.3	2	4.0	70048	7.4 / 30 / -	70047	-	Stainless steel pipe
	1/8" - 2"	70087	070089D	9.0 / 19 / 31.5	2	7.0	70053	8.9 / 35 / -	70052	-	Stainless steel pipe
Chain Pipe Cutter	100 mm	70285	-	4.0 / 3.8 / 17.8	-	3.0	-	-	-	Spare chain 70286	Cu, Ms, Al, Fe thin-walled.

Cutting

Cutting Plastic / MSR Manual

1 ROCUT®

Plastic pipe shears up to Ø 75 mm (3")

The ROTHENBERGER plastic pipe shears for the highest quality requirements. Knife blades deliver clean and straight cuts on pipe diameters up to 75 mm and especially for all the current plastic types

used in installations. The aluminium construction guarantees precise operation and long professional service use.

Product Profile	
APPLICATION AREA	
For precise cutting of PP, PE, PEX, PB and PVDF pipes up to Ø 75 mm	
KEY FEATURES	
<ul style="list-style-type: none">● Minimum effort during cutting● Precise right-angled cuts● Pin-point precision without deformation● Precise pressure transfer and guided cutter feed● Automatic, controlled opening of the blade at the push of a button	

KEY FEATURES	
<ul style="list-style-type: none">● Secure grip with the rubberised handles● Shear arms lockable in transport position	
TECHNICAL DATA	
ROCUT® Professional:	ROCUT® Standard:
TC 42: Ø 0 - 42 mm	TC 26: Ø 0 - 26 mm
TC 50: Ø 0 - 50 mm	TC 32: Ø 0 - 32 mm
TC 63: Ø 0 - 63 mm	PS 35: Ø 6 - 35 mm
TC 75: Ø 0 - 75 mm	PS 26/42: Ø 6 - 42 mm



ROCUT® TC 50 / TC 75 Professional

Plastic pipe shears up to Ø 75 mm (3")



No. 52010



No. 52015

ROCUT® TC 63 Professional

Plastic pipe shears up to Ø 63 mm (2.1/2")

(TC 63 Professional for PVC pipes)



No. 52030



ROCUT® TC 26 / TC 32 PS 26 / PS 42 S / PS 35 S

Plastic pipe shears up to Ø 42 mm (1.5/8")

(TC 32 for multi-layer composite pipes MSR)



No. 52005



No. 52040



No. 55005 / No. 55015

Model	mm	inch	g		No.
ROCUT® TC 26 Professional	0 - 26	0 - 1.1/4"	370	1 4	52005
ROCUT® TC 32 Professional	0 - 32	0 - 1.3/8"	220	1 4	52040
ROCUT® PS 35	6 - 35	1/4 - 1.3/8"	740	1 20	55005
ROCUT® PS 26 / 42 S adjustable	6 - 42	1/4 - 1.5/8"	950		55015
ROCUT® TC 42 Professional	0 - 42	0 - 1.5/8"	447	1 4	52000
ROCUT® TC 50 Professional	0 - 50	0 - 2"	600	1 4	52010
ROCUT® TC 63 Professional	0 - 63	0 - 2.1/2"	700	1	52030
ROCUT® TC 75 Professional	0 - 75	0 - 3"	1,600	1	52015

ACCESSORIES

No. 52041	No. 55006	No. 55007	No. 52042	No. 52011	No. 52031	No. 52016

Description	mm	inch	g		No.
Spare stainless steel blade for TC 32 Professional	0 - 32	0 - 1.3/8"	120	1	52041
Spare stainless steel blade for PS 35 S	6 - 35	1/4 - 1.3/8"	30	1	55006
Spare stainless steel blade for PS 26 / 42 S	6 - 42	1/4 - 1.5/8"	60	1	55007
Spare stainless steel blade for TC 42 Professional	6 - 42	0 - 1.5/8"	120	1	52042
Spare stainless steel blade for TC 50 Professional	0 - 50	0 - 2"	120	1	52011
Spare stainless steel blade for TC 63 Professional	0 - 63	0 - 2.1/2"	130	1	52031
Spare stainless steel blade for TC 75 Professional	0 - 75	0 - 3"	190	1	52016

Cutting

Cutting Plastic / MSR Manual

1 TUBE CUTTER 67 / 125 / 168 PL Automatic

Telescopic ratchet pipe cutter
Ø 6 - 168 mm (1/4 - 6.5/8")



Product Profile

APPLICATION AREA

For precise cutting of PP, PE, PEX, PB and PVDF pipes as well as sound-insulated drain pipes

KEY FEATURES

- Maximum strength with the monoblock aluminium construction
- Optimum, fatigue-free operation with the ergonomically optimised metal handle
- Fast adjustment on the tubes outer diameter with the telescopic ratchet guide
- Fast opening with automatic retraction
- Internal pipe deburrer retracts into cutter body
- Hardened, specially-sharpened cutter wheels

TECHNICAL DATA

TC 67 PL:	6 - 67 mm	1/4 - 2.5/8"
TC 125 PL:	50 - 125 mm	2 - 5"
TC 168 PL:	110 - 168 mm	4 - 6.5/8"



No. 70033



No. 070031D

Removable internal pipe deburrer



Model	mm	inch	Cutting-depth	kg		No.
TC 67 PL	6 - 67	1/4 - 2.5/8"	7.0	0.7	1	70031
TC 125 PL	50 - 125	2 - 5"	13.0	1.6	1	70032
TC 168 PL	110 - 168	4 - 6.5/8"	16.0	1.7	1	70033
Counter display TC 67 PL					1 (4)	070031D
Cutting Wheels, Spare Parts						17

Jacket Pipe Cutter

For cutting of grooved plastic protective pipe (corrugated hose) up to 32 mm

KEY FEATURES

- Ideal tool for the removal of the protective hose on pipes
- Very robust and can be used everywhere
- Simple and precise use
- Saves huge amounts of time in comparison to conventional use of a blade



Model	mm	No.
Jacket pipe cutter	0-32 mm	21500
Spare blade ROCUT PPD		21505

TUBE CUTTER 35 MSR / 42 PRO MSR/ 42 PRO PVC

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

Product Profile

APPLICATION AREA

TUBE CUTTER 35 MSR and 42 MSR PRO for multi-layer composite pipes TUBE CUTTER 42 PRO PVC for PVC pipes

KEY FEATURES

- Space-saving work, also in confined spaces, uniform, small working radius of 123 mm
- Right-angled and burr-free cutting with precise telescopic guidance
- Fast and simple adjustment of the working range due to the feed being synchronised with the feeder rotation
- Optimum, fatigue-free operation with the optimised ergonomic handle
- Only one tool for cutting and deburring, integrated, retractable internal pipe deburrer
- Spare cutter wheel in the handle

TECHNICAL DATA

TC 35 MSR:	6 - 35 mm	1/4 - 1.3/8"
TC 42 PRO MSR:	6 - 42 mm	1/4 - 1.5/8"
TC 42 PRO PVC:	6 - 42 mm	1/4 - 1.5/8"



No. 70108

Model	mm	inch	g	mm	No.
TC 35 MSR	6 - 35	1/4 - 1.3/8"	440	1 10	70108
Spare cutter wheels TC 35/42 MSR			19	1 5	070188D

Model	mm	inch	g	mm	No.
TC 42 PRO MSR	6 - 42	1/4 - 1.5/8"	510	1 10	70109
TC 42 PRO PVC	6 - 42	1/4 - 1.5/8"	510	1 4	70072
Spare cutter wheels TC 42 PVC			10	3	070028D

PLASTICUT PVC

For quick, clean and right angled cuts on PVC pipes

KEY FEATURES

- Fast Cut: Quick cutting with just a few turns
- Flexible casing, allows cutting on smaller diameters
- Less space required, ideal for hard-to-reach places
- No deformation of the pipe: self-clamping and self-alignment
- Readjustment not necessary

- No deformation of the pipe!
- No fraying of the cut edge!
- Chipless pipe cutting!



Indicates rotating direction



Fig. PLASTICUT PVC

Best contact with the pipe
Straight cut

Model	mm	No.
PLASTICUT PVC	32 mm	59035
PLASTICUT PVC	40 mm	59042
PLASTICUT PVC	50 mm	59050
Spare blade plastic type A (3 pcs.) 10 mm, 15 mm, 20 mm, 22 mm, 32 mm 40 mm, 50 mm		59000

Instructions:

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



Cutting


Sawing Manual

1 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




Model	Clamping width mm	 g	No.
ROBO Super saw frame including saw blade HSSE 4 Plus (No. 71213)	300	680	71206

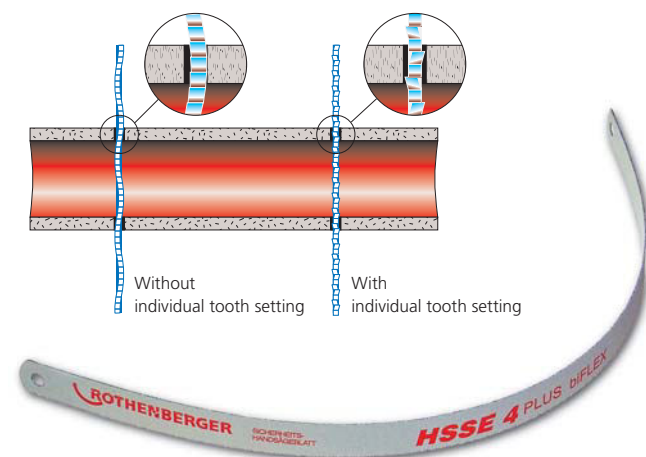
Metal Saw Frame

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

Cross-slotted squared clamping piece



Model	Clamping width mm	 g	No.
Metal saw frame without saw blade	300	530	300013



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.


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 including UNIVERSAL saw blade (No. 71217)	150	160	71222

UNI Small Saw "PUK"

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



Model	Clamping width mm	 g	No.
PUK static, with UNIVERSAL saw blade	150	100	842100
PUK adjustable, with UNIVERSAL saw blade (w. App.)	150	140	71215
UNIVERSAL saw blade for metal	150 (32 ZpZ)	20	71217
Saw blade for wood	150 (14 ZpZ)	20	71216




HSSE 4 Plus

Bimetal 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



Model	mm	TPI	 g			No.
HSSE 4 Plus	300	24	20	1	100	71213

PORTACUT 185 BSR / PORTACUT 185 BSP

Light, precise building-site and workshop band saw
up to Ø 180 mm

KEY FEATURES

- For quick and precise angled cutting of steel pipes, plastic pipes, profiles and solid materials
- **High torque** with the 420 W induction motor
- **Safer work** with the automatic shut-off and overload protection
- **Preserves saw blade life** with the 4-way adjustable cutting pressure

PORTACUT 185 BSR

- With safety chain quick-grip system

PORTACUT 185 BSP

- With parallel vice for clean, exact cuts and mitred cuts up to 45°

Cutting power Machine Type	Straight Cuts		45° Cuts	
	O mm	□ mm	O mm	□ mm
185 BSR	180	150	–	–
185 BSP	180	150	85	75

Scope of delivery: PORTACUT 185 BSR and/or BSP, 2 band saw blades HSS Bi-Metal 14 TPI (No. 56605)

Model	kg	230 V	110 V
PORTACUT 185 BSR	43.0	56710	56717
PORTACUT 185 BSP	49.0	56711	56718



Fig. PORTACUT 185 BSR



Fig. PORTACUT 185 BSP

Band Saw Blades for PORTACUT 185 BSR / BSP

Dimensions mm	TPI	Material	for pipes and profiles		kg	No.
			Steel	INOX		
1,640 x 13 x 0.65	8	SS	starting from 10.0 mm	–	100	56602
1,640 x 13 x 0.65	10	SS	starting from 8.0 mm	–	100	56603
1,640 x 13 x 0.65	14	SS	starting from 6.1 mm	–	100	56604
1,640 x 13 x 0.65	14	Bimetal	starting from 6.1 mm	from 2.0 mm	100	56605
1,640 x 13 x 0.65	24	SS	up to 3.6 mm	to 1.6 mm	100	56607
1,640 x 13 x 0.65	18	Bimetal	up to 3.6 mm	to 1.6 mm	100	56608



TRENNBOY 300

Pipe cutter up to Ø 300 mm

For cutting of SML cast iron /steel pipes up to Ø 300 mm, profiles / solids up to Ø 70 mm. For use with market-standard angle grinders and cut-off wheels Ø 230 mm.

KEY FEATURES

- For quick, precise, right-angled cutting
- Basic model with right and left telescopic extension
- Extendable to a total support length of 1,680 mm
- Mountable as desired with "C" clamp
- Easy mounting of the angle grinder with the toggle screw

Model	kg	No.
TRENNBOY 300 (without angle grinder)	13.5	58520
Double telescoping extension rail, r. (300 mm)	1.9	58527
Double telescoping extension rail, l. (300 mm)	1.9	58528
"C" clamp	0.4	58529



TRENNBOY 300 (No. 58520) with double telescoping extension rail, right (No. 58527) and left (No. 58528), "C" Clamp (No. 58529) Angle grinder and cut-off wheel (not included in delivery)

1 PIPECUT TURBO 250 / 400

Portable pipe cutting system suitable for different materials and pipe diameters from Ø 20 – 400 mm



Product Profile

APPLICATION AREA

Cuts pipes made of steel, copper, cast iron, aluminium, stainless steel and plastic.

KEY FEATURES

- Electronic speed adjustment for different pipe materials
- Laser indicator for an exact alignment of the blade
- LED illuminated cutting area
- Modular system – fast and easy change of the clamping system
- Overload indicator for an optimal cutting speed

Detachable saw blade cover

Easy and fast removal of sawdust

Laser indicator

Exact alignment, less offcuts

Overload protection with red/green-indicator

User gets feedback if system gets overloaded

Modular system

Economic solution by changing only the clamping system

LED light

Illuminated cutting area

Manual fine-adjustment

Ensure accurate 90° cuts

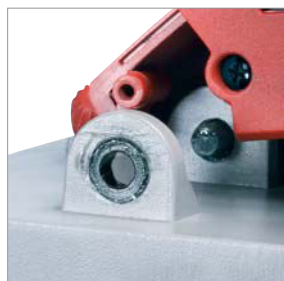


Fig. Carrying bag
PIPECUT 250/400 Turbo

LED Light



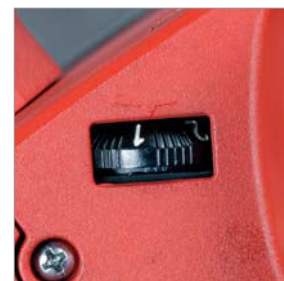
Modular system –
easy change of clamping system



Laser indicator



Electronic speed adjustment



PIPECUT TURBO 250

Portable pipe cutting system suitable for different materials and pipe diameters from Ø 20 – 250 mm

TECHNICAL DATA

Dimensions:	223 x 235 x 410 mm
Weight:	8,3 kg
Pipe diameter:	Ø 20 - 250 mm
Max. wall thickness steel:	8 mm
Max. wall thickness PVC:	20 mm
Cable length:	3 m
Power:	1400 W
Disc diameter:	140 mm / 165 max
Coupling diameter:	62 mm

Cutting steel pipes up to Ø 250 mm (PIPECUT TURBO 250)



Set (No. 1000001251 / 1000001252) includes: PIPECUT TURBO 250 (230 / 110V), 1 Ceramic disc (No.56705) 140 x 62 mm Z46, 4 Rollers, 1 Carrying bag

Model	kg	No.
PIPECUT TURBO 250 (230 V)	13,6	1000001251
PIPECUT TURBO 250 (110 V)	13,6	1000001252
Pipe Clamping Device PIPECUT TURBO 400	10,2	1000001364

PIPECUT TURBO 400

Portable pipe cutting system suitable for different materials and pipe diameters from Ø 80 – 400 mm

TECHNICAL DATA

Dimensions:	223 x 285 x 550 mm
Weight:	10,2 kg
Pipe diameter:	Ø 80 - 400 mm
Max. wall thickness steel:	8 mm
Max. wall thickness PVC:	20 mm
Cable length:	3 m
Power:	1400 W
Disc diameter:	140 mm / 165 max
Coupling diameter:	62 mm

Cutting steel pipes up to 8 mm wall thickness



Set (No. 1000001253 / 1000001254) includes: PIPECUT TURBO 400 (230 / 110V), 1 Ceramic disc (No.56705) 140 x 62 mm Z46, 4 Rollers, 1 Carrying Bag

Model	kg	No.
PIPECUT TURBO 400 (230 V)	15,7	1000001253
PIPECUT TURBO 400 (110 V)	15,7	1000001254
Pipe Clamping Device PIPECUT TURBO 250	8,6	1000001365

ACCESSORIES

Description	No.
Diamond disc cast / SML	56706
TCT disc HM universal	56704
Ceramic disc for stainless steel	56705
Disc plastic	56703
Carrying bag for PIPECUT TURBO 250	1300002655
Carrying bag for PIPECUT TURBO 400	1300002688



Cutting

Sawing Electric

1

ROTIGER VARIO Electronic

Pipe saw

Powerful and quick cutting universal saw for the professional use during installation, demolition and repair work.



Product Profile

KEY FEATURES

- The special chain tensioning device enables precise 90° cuts on all types of pipe
- Ideal for free-handed cutting of wood (even with nails), steel, stainless steel, cast iron, steel plate, metal pipes and profiles, plastic and building materials
- Flush to wall cutting in confined spaces, such as in shafts or when working overhead

TECHNICAL DATA

Performance:	1,500 W
Speed:	0 - 2,200 rpm (adjustable per wheel)
Weight:	4.3 kg
Distance:	26 mm
Dimensions:	491 x 94 x 108 mm
Cutting blade attachment:	Universal, U-shaft, special pipe saw blades



L- and U-Shaft attachments



Set (No. 50305/50306) includes: ROTIGER VARIO electronic, chain tensioning device, 5 x HSS bi-metal saw blades

Precise 90° cuts



Model	kg	230 V	110 V
ROTIGER VARIO Electronic	7.0	50306	50305
Chain tensioning device up to 6"			50311
Tensioning device 2 in 1 (Chain tensioning device up to 6" + collet chucks up to 2")			50312



Fig. ROTIGER VARIO Electronic

Universal ROTIGER VARIO Electronic

Universal electronic saw

Universal electric saw for the sanitary and heating technology professional for installations or repair work



1

Product Profile

KEY FEATURES

- POWER FEED SYSTEM for a consistent cutting speed (while idling as well as during use), less wear of the saw blades and longer motor life
- Ideal for free-hand cutting of wood (also with nails), steel, stainless steel, cast iron, steel plate
- With the continuously adjustable speed regulation, it is perfect for use with all materials

TECHNICAL DATA

Performance:	1,600 W with 230 V / 1,300 W with 110 V
Speed:	1,000 - 2,800 rpm (adjustable with wheel)
Weight:	3.7 kg
Distance:	26 mm
Dimensions:	440 x 120 x 80 mm
Saw blade attachment:	Quick tensioning for universal saw blades



Universal-shaft attachment



Set (No. 50301/50302 includes: Universal ROTIGER VARIO electronic, 5 x HSS bi-metal saw blades

Working in confined spaces



Fig. Universal ROTIGER VARIO Electronic

Model		kg	230 V	110 V
UNIVERSAL ROTIGER VARIO Electronic	7.0	50301	50302	












































Cutting

Saw Blades

1

UNIVERSAL HSS Bimetal / TCT TIGER SAW BLADES











For 1/2" universal seating, also suitable for Flex, Bosch, B&D, Skil, Hitachi, Makita, Ridgid, Roller, Rems!

Cuttable materials	materials	L x B x thickness mm	TPI		reference		*	No.	
	 HSS Bimetal	100 x 20 x 0.9	24	L	S 522 AF	1 (5)		865783	
	 HSS Bimetal	150 x 20 x 0.9	24	L	S 922 AF	1 (5)		865784	
	 HSS Bimetal	150 x 20 x 0.9	18	L	S 922 EF	1 (5)		865785	
	 HSS Bimetal	150 x 20 x 0.9	14	L	S 922 BF	1 (5)		865786	
	 HSS Bimetal	200 x 20 x 0.9	18	L	S 1022 EF	1 (5)		865787	
	 HSS Bimetal	200 x 20 x 0.9	14	L	S 1022 BF	1 (5)		865788	
  	 HSS Bimetal	300 x 20 x 0.9	10 - 14	L	S 1222 VF	1 (5)		865789	
  	 HSS Bimetal	150 x 20 x 1.25	6	L	S 611 DF	1 (5)		865781	
  	 HSS Bimetal	300 x 20 x 1.25	6	L	S 1411 DF	1 (5)		865782	
 	 HSS Bimetal	150 x 22 x 1.6	8 - 10	L	S 920 CF	1 (5)		865790	
 	 HSS Bimetal	200 x 22 x 1.6	8 - 10	L	S 1120 CF	1 (5)		865791	
	TCT coated	225 x 20 x 1.5	30er grain	L	S 1130 RF	1 (5)		865793	

HSS Bimetal













Special saw blades with U-shaft

Suitable ROTHENBERGER-ROTIGER VARIO for quick and exact, right-angle sawing of steel pipes up to 4" with chain pipe clamp (absolutely necessary)

Cuttable materials	material	L x B x thickness mm	TPI		reference		*	No.	
	HSS Bimetal	140 x 25 x 1.6	8	U	S 920 CF	1 (5)		865795	
	HSS Bimetal	200 x 25 x 1.6	8	U	S 1120 CF	1 (5)		865796	
 	HSS Bimetal	150 x 25 x 1.0	10 - 14	U		1 (5)		865798	
 	HSS Bimetal	200 x 25 x 1.0	10 - 14	U		1 (5)		865799	

Special Pipe Saw Blades

For exact, right-angle sawing with chain pipe clamp (absolutely necessary), extra strong and warp resistant guidance for straight cuts and long operational life

Cuttable materials	material	L x B x thickness mm	TPI			*	No.	
	HSS	140 x 25 x 1.6	8	L		1 (5)	50260	
	HSS	200 x 25 x 1.6	8	L		1 (5)	50261	
	HSS	290 x 25 x 1.6	6 - 8	L		1 (5)	50263	
	HSS-E	140 x 25 x 1.6	14	L		1 (5)	50264	
	HSS-E	200 x 25 x 1.6	8	L		1 (5)	50265	
	HSS	200 x 25 x 1.6	6 - 8	L		1 (5)	50266	

* 5 pcs. in plastic carrying case (minimum purchase)

Universal Internal & 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. 11006



No. 1500000237



No. 1500000236

Model	mm	inch	g		No.
Internal and external deburrer for copper and plastic	4 - 36	1/8 - 1.3/8"	30	1 25	11006
Internal and external deburrer for copper and INOX (Stainless steel)	6 - 35	1/4 - 1.3/8"	100		1500000237
Internal and external deburrer for copper and INOX (Stainless steel)	10 - 54	1/2 - 2"	390		1500000236

Deburrer Adaptor I / II

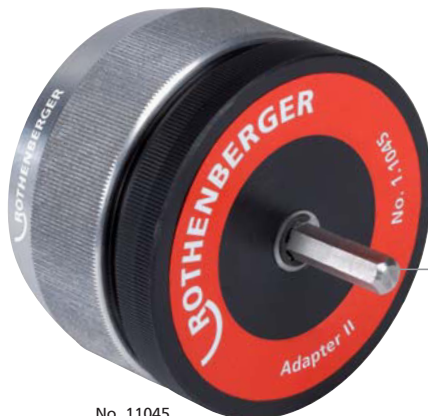
Adaptor for the use of the internal and external deburring with portable screwdriver or drill

Best deburring results at low speeds!

Product Profile

KEY FEATURES

- User-friendly solution for deburring pipes "internal and external"
- Huge time-savings
- Precise, burr-free deburring without effort



No. 11045



No. 11044

Drive shaft

For the deburring with portable screwdriver or drill



Model	g	No.
Deburrer adaptor I for No. 1500000237	160	11044
Deburrer adaptor II for No. 1500000236	280	11045

Cutting

Deburring, Chamfering & Calibration

1

GRATFIX HSS/UNIGRAT

Deburrer

KEY FEATURES

- Replaceable blades
- GRATFIX with plastic cartridge-grip
- Grip recess is raised at the end and prevents slippage out of the hand
- One-handed use with the retractable locking head
- Offset surfaces provide a good torque
- Pluggable handle ends for the storage of associated blades



UNIGRAT (No. 21660)

Model	g	No.
UNIGRAT with HSS deburring blade	30	21660
GRATFIX with deburring blade No. 1	50	21655
GRATFIX with deburring blade No. 1 - 2 - 3	80	21651

Ideal for deburring of edges, pipes and steel, aluminium, brass, copper sheets, cast-iron and plastic plates!



GRATFIX HSS (No. 21655)

Model	g	No.
HSS deburring blade No. 1 Universal	10	21652
HSS deburring blade No. 2 for brass and cast	10	21653
HSS deburring blade No. 3 for straight edges	10	21654

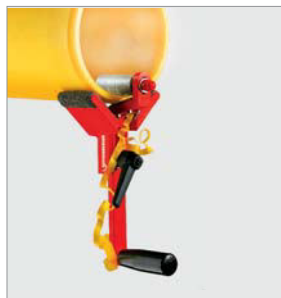
Plastic Pipe Chamfering Unit

With replaceable blades Ø 16 - 160 mm

For 15° outer chamfers on plastic pipe



No. 55051



KEY FEATURES

- Flexible in use
- Wall thickness is continuously adjustable

Model	mm	g	No.
Chamfering unit size 1	16 - 110	720	55050
Chamfering unit size 2	32 - 160	800	55051
Spare blade size 1 and 2		30.0	55058

Ratchet Pipe Deburrer 1/4 - 2"

Rapid and clean deburring

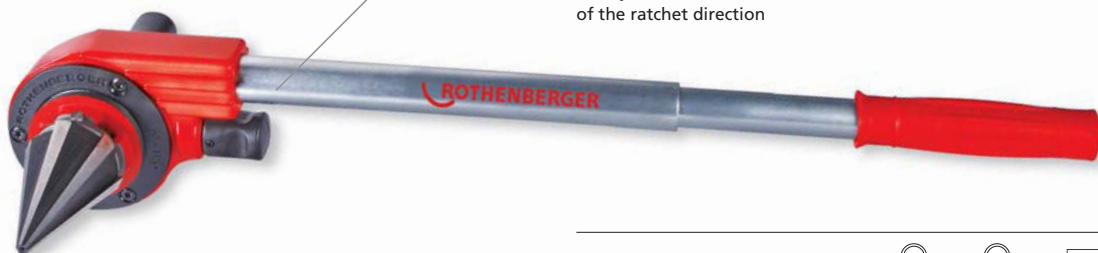
For steel pipes, with smooth-running ratchet, cutting bit made of tempered steel

Quick adjustment

Handy, lockable Reversal of the ratchet direction



Spare deburrer (No. 70296)



Model	inch	mm	g	No.
Internal deburrer with ratchet	1/4 - 2"	13 - 60	2680	70289
Spare deburrer			200	70296

ROGRAT-MSR Deburrer and Chamfering Tool

For internal and external deburring, chamfering, calibrating and custom milling of PE-X and aluminium multi-layer (MSR) pipes Ø 32 mm



1

One tool with three functions: Chamfering, calibrating and deburring!

KEY FEATURES

- Internal and external deburrer for PE-X and aluminium multi-layer pipes (MSR) through chamfering to approved standards
- Simultaneous chamfering
- Calibration of the pipe ends through a special guiding pin

True to size guiding and calibration pin

Increased safety, protects O-ring from damage



Star handle with screw-bit attachment and quick locking mechanism

High force transmission

Shock-resistant protective sleeve

Protects from injury



Fig. ROGRAT-MSR Deburrer Set

ROGRAT-MSR System - Manual Chamfering Attachments

ROGRAT-Type	Press-System	Pipe measurement mm	Colour-code	g	No.
G 16		16.0 x 2.25	●	53	14102
G 20	GEBERIT Mepla	20.0 x 2.50	●	93	14104
G 26		26.0 x 3.00	●	108	14106
G 32		32.0 x 3.00	●	162	14107
U 14		14.0 x 2.00	●	51	14111
U 16		16.0 x 2.00	●	53	14112
U 18	UNIPIPE/TIGRIS-S	18.0 x 2.00	●	58	14113
U 20	WAVIN	20.0 x 2.25	●	93	14114
U 25		25.0 x 2.50	●	108	14115
U 32		32.0 x 3.00	●	162	14117
TH 14		14.0 x 2.00	●	51	14121
TH 16	Henco / MHS	16.0 x 2.00	●	53	14122
TH 18	Giacomini	18.0 x 2.00	●	58	14123
TH 20		20.0 x 2.00	●	93	14124
TH 26		26.0 x 3.00	●	108	14126
F 16-1		16.0 x 2.00	●	53	14132
F 18	Fränkische Rohrwerke	18.0 x 2.00	●	58	14133
F 20-1	alpex-therm	20.0 x 2.00	●	93	14134
F 26	alpex-san	26.0 x 3.00	●	108	14136
F 32		32.0 x 3.00	●	162	14137

● black ● brown ● violet ● yellow

Colour coding prevents confusion



System optimised chamfer



Set includes: Carrying case (No. 14005), with basic handle grip (No. 14000) and system-manual chamfering attachments

Model	For size mm	g	No.
G Geberit Mepla	16 - 20 - 26	760	14260
U Unicor/Unipipe	16 - 20 - 25	760	14270
TH Henco/HMS	16 - 20 - 26	760	14250
F Fränk. Rohrwerke	16 - 20 - 26	760	14230
Basic handle		250	14000
System carrying case		250	14005

ONE of 6.000

Premium tools for
professionals!



RODIA®

Diamond Core Dilling

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RODIA® Diamond Core Drilling

System Overview

Hand-Operated Drilling

**RODIADRILL
Ceramic**



RODIADRILL 160



RODIADRILL 200



**RODIACUT® 150,
RODIADRILL 160**



	Hand-Operated	Hand-Operated	Hand-Operated	Hand-Operated/Stationary
Stationary Drilling in Concrete:	Ø 6 - 67 mm	Ø 10 - 132 mm	Ø 10 - 200 mm	Ø 10 - 132 mm
Stationary Drilling in Masonry:	Ø 6 - 67 mm	Ø 32 - 162 mm	Ø 32 - 250 mm	Ø 10 - 152 mm
Hand-Operated Drilling in Concrete:	Ø 6 - 35 mm	Ø 10 - 82 mm	Ø 10 - 82 mm	Ø 10 - 82 mm
Hand-Operated Drilling in Masonry:	Ø 6 - 67 mm	Ø 32 - 162 mm	Ø 32 - 162 mm	Ø 32 - 162 mm
Output:	800 Watt	1400 Watt	2400 Watt	1400 Watt
Gear:	2 Gear	2 Gear	3 Gear	2 Gear
Transmission:	3600 / 6400 r.p.m.	500 / 1050 r.p.m.	600 / 1250 / 3200 r.p.m.	500 / 1050 r.p.m.
Torque:	4 / 7 Nm	55 / 27 Nm	71 / 34 / 17 Nm	55 / 27 Nm
Weight:	3,4 kg	6,7 kg	7,2 kg	16,7 kg

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Drill Bits

High Speed Plus-Nature stone*



DX- High Speed Plus*



SPEED STAR DX*



Connection:	G 1/2"	G 1/2", 1.1/4" UNC	G 1/2", 1.1/4" UNC
Drill Bit Diameter:	Ø 6 - 67 mm	Ø 20 - 300 mm	Ø 10 - 500 mm
Working length:	up to Ø 10 mm = 50 mm from Ø 12 mm = 120 mm	G 1/2", 400 mm working length 1.1/4" UNC, 430 mm working length	G 1/2", 400 mm working length 1.1/4" UNC, 430 mm working length
Application:	wet	wet & dry	wet & dry
Tiles:	☺☺☺	☺	☺☺
Granite:	☺☺☺	☺	☺☺
Marble:	☺☺☺	☺	☺☺
Brick:	☺☺	☺☺☺**	☺☺☺**
Masonry:	☺	☺☺☺**	☺☺☺**
Lime-Sand Brick:	☺	☺☺☺**	☺☺☺**
Asphalt:	☺☺	☺☺☺**	☺☺☺**
Screed:	☺☺	☺☺☺	☺☺
Concrete:	☺☺☺	☺☺☺	☺☺
Reinforced Concrete:	☺☺☺	☺☺	☺☺☺

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* Special lengths and Diameters on request, ** Suitable for Dry Drilling, ☺☺☺ Ideally suited ☺☺ very suitable ☺ suitable

RODIA® Diamond Core Drilling

System Overview

Stationary Drilling

**RODIACUT® 150,
RODIADRILL 200**



**RODIACUT® 250,
RODIADRILL 200**



**RODIACUT® 250,
RODIADRILL 500**



**RODIACUT® 400 PRO,
RODIADRILL 500**



	Hand-Operated/Stationary	Hand-Operated/Stationary	Stationary	Stationary
Stationary Drilling in Concrete:	Ø 10 - 152 mm	Ø 10 - 200 mm	Ø 32 - 250 mm	Ø 32 - 400* (500) mm
Stationary Drilling in Masonry:	Ø 32 - 225 mm	Ø 32 - 225 mm	Ø 32 - 250 mm	Ø 32 - 400* (500) mm
Hand-Operated Drilling in Concrete	Ø 10 - 82 mm	Ø 10 - 82 mm		
Hand-Operated Drilling in Masonry	Ø 32 - 250 mm	Ø 32 - 250 mm		
Output:	2.400 Watt	2.400 Watt	3.000 Watt	3.000 Watt
Gear:	3 Gear	3 Gear	3 Gear	3 Gear
Transmission:	600 / 1250 / 3200 r.p.m.	600 / 1250 / 3200 r.p.m.	215 / 430 / 785 r.p.m.	215 / 430 / 785 r.p.m.
Torque:	71 / 34 / 17 Nm	71 / 34 / 17 Nm	185 / 107 / 55 Nm	185 / 107 / 55 Nm
Weight:	17,2 kg	25,2 kg	30,1 kg	39,8 kg

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RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

Space Welding

Cold welding process according to cutting-edge bonding technology: Due to the "neutral zone" the entire diamond segment is used without waste.

SPACE WELDING

Wet and dry drilling with new technology:

- The innovative high-performance drill bit DURAMANT PRO and SPEED STAR DX is produced using cutting-edge welding technology
- Because of the neutral zone, the "Space Welding" cold welding process guarantees the optimum use of the complete diamond segments without loss
- The service life is up to 20% higher compared to lasered and soldered drill bits

PRISMACUT

Four drill nodules on the diamond segment improve the drill behaviour and at the same time provides optimum water cooling.

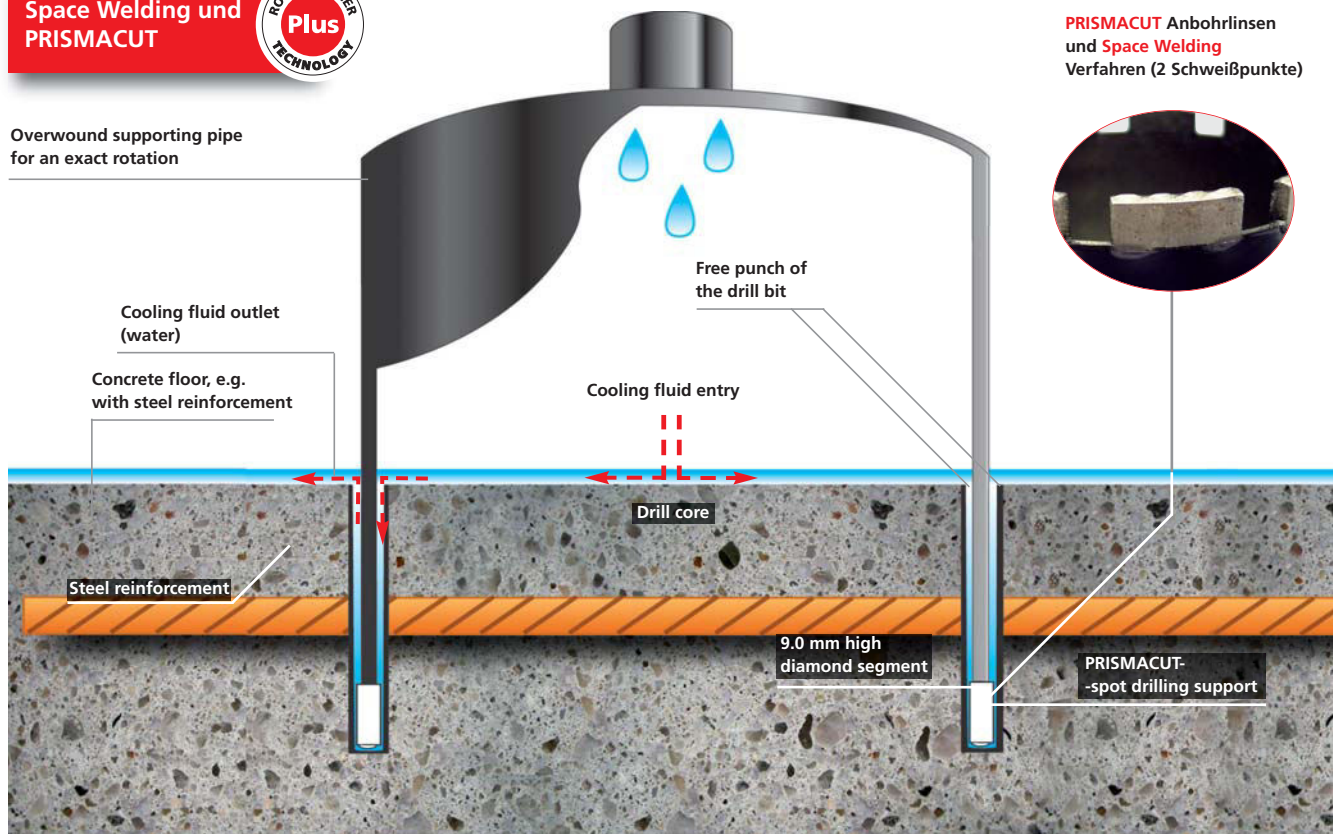
PRISMACUT

- The exceptional segment positioning offers optimum free punch size and an excellent cutting speed
- The "PRISMACUT" centre drill nodule is characterised by a better drill behaviour and preservation of the diamond segment
- PRISMACUT guarantees direct water cooling of the diamond segments
- 15% higher cutting speed with steel reinforcement

Space Welding und PRISMACUT



Overwound supporting pipe for an exact rotation



PRISMACUT Anbohrerlinsen und Space Welding Verfahren (2 Schweißpunkte)

DX-High Speed Plus Universal Drill Bits

Space welding universal wet and dry drill bits
Ø 10 - 300 mm



DX-High Speed Plus
Universal Drill Bits on
Page 49

SPEED STAR DX

Space Welding Wet and Dry Drilling Bits
for Ø 10 - 500 mm



SPEED STAR DX
Drill Bits on Page 50

RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

RODIADRILL Ceramic

Hand-operated wet drilling, drill Ø 6 - 67 mm

Ideally suited for HVAC&R, plumbing professionals, tilers, stair builders, remodelling specialists as well as electricians. Everywhere where jolt-free operation is necessary and extremely hard materials need to be processed.



Ø 67

2

Product Profile

APPLICATION AREA

Hand-operated wet drilling in:
(reinforced) concrete Ø 6 - 35 mm, marble, granite, ceramic tiles, masonry, hollow brickwork and glass Ø 6 - 67 mm

KEY FEATURES

- For all common G 1/2" drill bits
- Fatigue-free operation with the light weight
- Also drills through material combinations (for example tiles + masonry) without damaging material or surfaces and without cumbersome tool change
- "Aqua-Stop Button" with quantity adjustment
- Ideal for serial drilling with the external water supply
- Toolless exchange of the drill bits with the Quick Change system
- Integrated 1 litre water tank for 4-6 drill holes

TECHNICAL DATA

2-speed transmission:	1. Gear speed	2. Gear speed
Nominal speed:	3,600 rpm	6,400 rpm
Drilling range in mm:	Ø 25 - 67	Ø 6 - 25
Voltage:	230 V	
Rated input/output:	1,150 Watt / 800 Watt	
Charging rate:	3.6 A	
Maximum drilling depth:	400 mm (depending on material)	
Minimum distance to wall:	30 mm from drill hole centre	
Minimum distance to corner:	30 mm from drill hole centre	
Weight	3.4 kg Ceramic 3.2 kg Ceramic ECO	
Stationary:	Ø 67 mm (Ceramic ECO)*	

*Only in tiles! Otherwise max. 35 mm in concrete.

Integrated 1 litre water tank

Sufficient supply for 4 - 6 drill holes and can be rotated when working in confined spaces

Quick Change System drill bit adaptor

Toolless quick change for G 1/2" drill bits

Connection for external water supply

Ideal solution for serial drillings

7-part set (No. FF40150) includes: Drill motor RODIADRILL Ceramic (No. FF40150P), 1 high speed plus drill bit each Ø 6 - 10 mm (No. FF44806, FF44808, FF44810), spanners sizes 24 and 27 (No. FF70024, FF70027), transport case (No. FF60150)

Model	kg	No.
RODIADRILL Ceramic set	3.4	FF40150



"Aqua-Stop Button" - water pressure valve with quantity adjustment

Perfectly regulated flow of the water quantity

ACCESSORIES



Description	No.	Description	No.
Freehand drill support up to Ø 83 mm	FF35750	Water supply hose with "aqua-stop"	FF35302
Quick change adaptor	FF35751	HSP Nature stone drill bits	48
Pressurized water container 10 l	FF35026	Water collection ring, stationary	FF35700
Special water supply hose	FF35301	Transport case RODIADRILL Ceramic ECO	FF60150

RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

RODIACUT® 150 / RODIADRILL 160

RODIACUT® 150 drill column with combination drill mounting plate and RODIADRILL 160 drill motor for drilling Ø 10 – 132 mm (Ø 162 mm) in reinforced concrete

Product Profile	
APPLICATION AREA	
RODIADRILL 160:	
Stationary wet drilling in (reinforced) concrete:	Ø 10 - 132 mm
Hand-operated wet drilling in (reinforced) concrete:	Ø 10 - 82 mm
Hand-operated dry drilling in masonry:	Ø 10 - 162 mm
TECHNICAL DATA (DRILL STAND)	
RODIACUT 150:	
Drilling range:	w/o water collection ring max. Ø 152 mm with water collection ring max. Ø 132 mm
Drill motor adaptor:	Ø 60 mm
L x W x H:	280 x 440 x 810 mm
Hub:	480 mm
Weight:	9,7 kg

3 Applications with just one unit

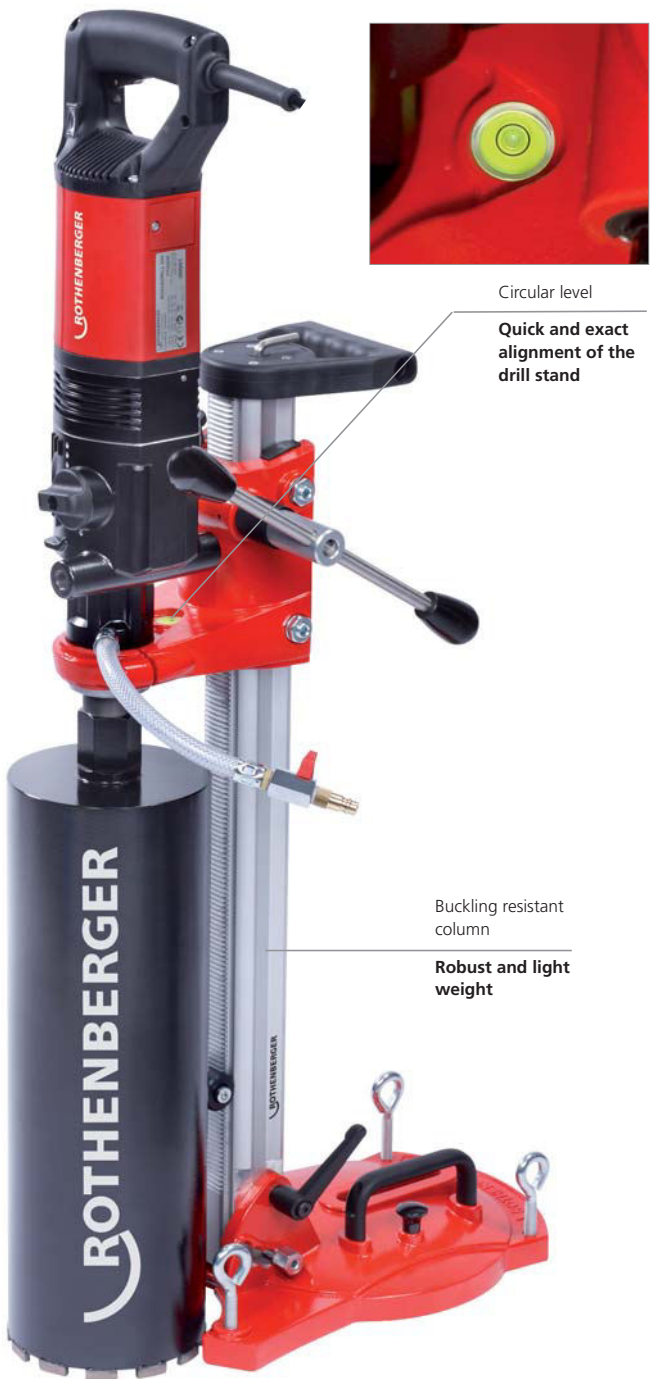


RODIACUT® 150 / RODIADRILL 200

RODIACUT® 150 drill column with combination drill mounting plate and RODIADRILL 200 drill motor for drilling Ø 10 – 152 mm (Ø 250 mm) in reinforced concrete

Product Profile	
APPLICATION AREA	
RODIADRILL 200:	
Stationary wet drilling in (reinforced) concrete:	Ø 10 - 152 mm
Hand-operated wet drilling in (reinforced) concrete:	Ø 10 - 82 mm
Hand-operated dry drilling in masonry:	Ø 10 - 250 mm

3 Applications with just one unit



RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

RODIADRILL 160

Drill motor



TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 160
Threaded adaptor:	G 1/2" and 1.1/4" UNC
Power Input- / output:	2000 Watt / 1400 Watt
Gear:	1. Gear 2. Gear
Torque:	55 Nm 27 Nm
Clamping neck:	Ø 60 mm

RODIADRILL 200

Drill motor



TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 200
Threaded adaptor:	G 1/2" and 1.1/4" UNC
Power Input- / output:	2700 Watt / 2400 Watt
Gear:	1. Gear 2. Gear 3. Gear
Torque:	71 Nm 34 Nm 17 Nm
Clamping neck:	Ø 60 mm



Scope of delivery (No. FF34150): (No. FF30150) Drill stand RODIACUT 150, (No. FF40165) Drill motor RODIADRILL 160, (No. FF70001) tool bag, (No. FF70019N) Allen key SW19 DIN895, (No. FF70024) Allen key SW24, DIN894, (No. FF70036) Allen key SW36 DIN894, (No. FF70041) Allen key SW41, DIN894, (No. FF35120) Concrete Fixing Set, (No. FF35302) Water supply hose + Adapt. f. Gardena coupling, (No. 111429) Hammer drill SDS Plus, 15x160mm, (No. FF35190) Copper ring 1.1/4", (No. 1300002467) Instruction manual Drill stand RODIACUT® 150-250, (No. 1300002468) Instruction manual RODIADRILL 160+200, (No. 4100000439) Earplugs SaveRave, (No. 4100000443) rubberized gloves, (No. 4100000441) Safety Goggle HC/AF

Scope of delivery (No. FF34160): (No. FF30150) Drill stand RODIACUT 150, (No. FF40220) Drill motor RODIADRILL 200, (No. FF70001) Tool bag, (No. FF70019N) Allen key SW19 DIN895, (No. FF70024) Allen key SW24, DIN894, (No. FF70036) Allen key SW36 DIN894, (No. FF70041) Allen key SW41, DIN894, (No. FF35120) Concrete Fixing Set, (No. FF35302) Water supply hose + Adapt. f. Gardena coupling, (No. 111429) Hammer drill SDS Plus, 15x160mm, (No. FF35190) Copper ring 1.1/4", (No. 1300002467) Instruction manual Drill stand RODIACUT® 150-250, (No. 1300002468) Instruction manual RODIADRILL 160+200, (No. 4100000439) Earplugs SaveRave, (No. 4100000443) rubberized gloves, (No. 4100000441) Safety Goggle HC/AF

Model	kg	No.
Drill system RODIACUT® 150/RODIADRILL 160	17,3	FF34150
Drill stand RODIACUT® 150	10,5	FF30150
Drill motor RODIADRILL 160	6,8	FF40165
Drill system RODIACUT® 150/RODIADRILL 200	17,7	FF34160
Drill motor RODIADRILL 200	7,2	FF40220

ACCESSORIES



Model	No.	Model	No.
RODIADRILL CERAMIC	41 FF40150	RODIA® DRY CLEANER 1200	53 FF35148
Pressurized water container 10 l	52 FF35026	Water collection ring, stationary (for FF30150)	52 FF35700
Vacuum pump RODIA-VAC	51 FF35200	Drill Bits	48 - 50

RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

RODIACUT® 250 / RODIADRILL 200

RODIACUT® 250 drill column with combination drill mounting plate and RODIADRILL 200 drill motor for drilling Ø 10 – 200 mm (Ø 250 mm) in reinforced concrete

Product Profile	
APPLICATION AREA	
RODIADRILL 200:	
Stationary dry drilling in reinforced concrete:	Ø 10 - 200 mm
Stationary dry drilling in Masonry:	Ø 10 - 225 mm
Hand-operated wet drilling in reinforced concrete:	Ø 10 - 82 mm
Hand-operated dry drilling in masonry:	Ø 10 - 250 mm
TECHNICAL DATA (DRILL STAND)	
RODIACUT 250:	
Drilling range:	w/o water collection ring max. Ø 250 mm with water collection ring max. Ø 225 mm
Drill motor-adaptor:	Clamping neck Ø 60 mm and Quick-change recording via dovetail plate
L x W x H:	260 x 510 x 980 mm
Hub:	650 mm
Weight:	19,7 kg

4 Applications with just one unit



RODIACUT® 250 / RODIADRILL 500

RODIACUT® 250 drill column with combination drill mounting plate and RODIADRILL 500 drill motor for drilling Ø 10 – 250 mm in reinforced concrete

Product Profile	
APPLICATION AREA	
RODIADRILL 500:	
Stationary dry drilling in reinforced concrete:	Ø 32 - 250 mm
Stationary dry drilling in masonry:	Ø 32 - 250 mm

2 Applications with just one unit



RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

RODIADRILL 200

Drill motor



TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 200		
Threaded adaptor:	G 1/2" and 1.1/4" UNC		
Power input / output:	2700 Watt / 2400 Watt		
Gear:	1. Gear	2. Gear	3. Gear
Torque:	71 Nm	34 Nm	17 Nm
Clamping neck:	Ø 60 mm		

RODIADRILL 500

Drill motor



TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 500		
Threaded adaptor:	G 1/2" and 1.1/4" UNC		
Power input / output:	4000 Watt / 3000 Watt		
Gear:	1. Gear	2. Gear	3. Gear
Torque:	185 Nm	107 Nm	55 Nm
Drill motor adaptor:	Quick-change recording via dovetail plate		
Clamping neck:	Ø 60 mm		



Scope of delivery (No. FF34200): (No. FF30250) Drill stand RODIACUT 250, (No. FF40220) Drill motor RODIADRILL 200, (No. FF70001) tool bag, (No. FF70019N) Allen key SW19 DIN895, (No. FF70024) Allen key SW24, DIN894, (No. FF70036) Allen key SW36 DIN894, (No. FF70041) Allen key SW41, DIN894, (No. FF35120) Concrete fixing-set, (No. FF35302) Water supply hose + Adapt. f. Gardena coupling, (No. 111429) Hammer drill SDS Plus, 15x160mm, (No. FF35190) Copper ring 1.1/4", (No. 1300002467) Instruction manual Drill stand RODIACUT® 150-250, (No. 1300002468) Instruction manual RODIADRILL 160+200, (No. 4100000439) Earplugs SaveRave, (No. 4100000443) rubberized gloves, (No. 4100000441) Safety goggle HC/AF

Scope of delivery (No. FF34260): (No. FF30250) Drill stand RODIACUT 150, (No. FF40400) Drill motor RODIADRILL 500, (No. FF70001) tool bag, (No. FF70019N) Allen key SW19 DIN895, (No. FF70024) Allen key SW24, DIN894, (No. FF70036) Allen key SW36 DIN894, (No. FF70041) Allen key SW41, DIN894, (No. FF35120) Concrete fixing-set, (No. FF35302) Water supply hose + Adapt. f. Gardena coupling, (No. 111429) Hammer drill SDS Plus, 15x160mm, (No. FF35190) Copper ring 1.1/4", (No. 1300002467) Instruction manual Drill stand RODIACUT® 150-250, (No. 1300002469) Instruction manual RODIADRILL 500, (No. 4100000439) Earplugs SaveRave, (No. 4100000443) rubberized gloves, (No. 4100000441) Safety goggle HC/AF

Model	kg	No.
Drill system RODIACUT® 250/RODIADRILL 200	21,7	FF34200
Drill stand RODIACUT® 250	14,5	FF30250
Drill motor RODIADRILL 200	7,2	FF40220
Drill system RODIACUT® 250/RODIADRILL 500	31,4	FF34260
Drill motor RODIADRILL 500	12,1	FF40400

ACCESSORIES



Description	No.	Description	No.
RODIADRILL CERAMIC	41 FF40150	RODIA® DRY CLEANER 1200	53 FF35148
Pressurized water container 10 l	52 FF35026	Water collection ring, stationary (für FF30150)	52 FF35700
Vacuum pump RODIA-VAC	51 FF35200	Drill bits	48 - 50

RODIA® Diamond Core Drilling

Stationary Drilling

RODIACUT® 400 PRO / RODIADRILL 500

Drilling system with dowel plate,
drill Ø 32 - 400 (500)* mm



Ø 400
(500)

2

Product Profile

APPLICATION AREA

2 applications in one unit:

Stationary wet drilling in (reinforced) concrete Ø 32 - 400 mm
Stationary dry drilling in masonry Ø 32 - 400 mm

KEY FEATURES

- Drill angle adjustments from -15° up to +45°, in 2.5° steps adjustable
- Exchangeable guide rail

TECHNICAL DATA (DRILL STANDS)

Drilling range: w/o water collection ring: max. Ø 500 mm
optional with distance plate

Weight: 28,4 kg

L x W x H: 460 x 260 x 1100 mm

Hub: 680 mm



4x roll guides

Precise and low vibration operation, flexible use / module concept



Drill angle adjustments

Adjustable from -15° up to +45° in 2.5° steps

Rubber transport wheels

Quick and easy transport on the building site

*Distance plate optional (No. FF35136)

To enlarge the drill hole diameter from Ø 400 to 500 mm with RODIACUT® 400 PRO

RODIA® Diamond Core Drilling

Hand-Operated & stationary Drilling

2



RODIADRILL 500


Drill motor



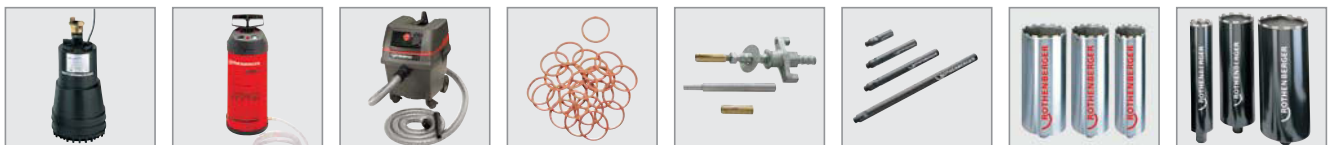
Scope of delivery (No. FF34500): (No. FF30030) Drill stand RODIACUT 400 PRO, (No. FF40400) Drill motor RODIADRILL 500, (No. FF70001) tool bag, (No. FF70019N) Allen key SW19 DIN895, (No. FF70024) Allen key SW24, DIN894, (No. FF70036) Allen key SW36 DIN894, (No. FF70041) Allen key SW41, DIN894, (No. FF35120) Concrete fixing-set, (No. FF35302) Water supply hose + Adapt. f. Gardena coupling, (No. 111429) Hammer drill SDS Plus, 15x160mm, (No. FF35190) Copper ring 1.1/4", (No. 1300002467) Instruction manual Drill stand RODIACUT® 400 PRO, (No. 1300002468) Instruction manual RODIADRILL 500, (No. 4100000439) Earplugs Save-Rave, (No. 4100000443) Rubberized gloves, (No. 4100000441) Safety Goggles HC/AF



TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 500
Threaded adaptor:	G ½" and 1.1/4" UNC
Power input / output:	4000 Watt / 3000 Watt
Gear:	1. Gear 2. Gear 3. Gear
Torque:	185 Nm 107 Nm 55 Nm
Drill motor adaptor:	Dovetail plate

Model		No.
Drill system RODIACUT® 400 PRO/RODIADRILL 500	40,5	FF34500
Drill stand RODIACUT® 400 PRO	28,4	FF30030
Drill motor RODIADRILL 500	12,1	FF40400

ACCESSORIES



Description		No.	Description		No.
Submersible water pump RODIAPUMP	52	FF35029	Distance plate 50 mm		FF35131
Pressurized water container 10 l	52	FF35026	Distance plate 60 mm		FF35136
RODIA® DRYCLEANER 1200	53	FF35148	Copper rings 1.1/4"	51	FF35190
Mounting articles		51	Extensions	52	
Drill bits		48 - 50			

RODIA® Diamond Core Drilling

RODIA® Diamond Drill Bits

High Speed Plus Natural Stone

Soldered diamond core wet cutting drill bit Ø 6 - 67 mm for extremely hard materials

Suitable for all other drilling systems with G 1/2" and 1.1/4" UNC!



2

Product Profile

APPLICATION AREA

Special wet drill bits for drilling in natural stone, granite, marble, (double) baked brick, masonry, (reinforced) concrete, glass or hollow brickwork from Ø 6 - 67 mm

Typical areas of application are HVAC&R, plumbing and electronic installations, old building renovations, laying tile, stairs and railing installation, air-conditioning technology, garden and landscaping

KEY FEATURES

- Extremely easy cuts, very long service life through 9 mm high segments
- Suitable for all ROTHENBERGER drilling machines
- Balanced rotation reduces wear
- Drilling even through material combinations possible

KEY FEATURES

- Drill holes on the seam or edge of material possible with the use of diamond rings
- Conventional G 1/2" threaded attachments

TECHNICAL DATA

G 1/2" connection

Drill bits	Segment	Segment dimensions (L x W x H)
Ø 6 - 40 mm	Ring segments	Ring x (1.15 - 2.0) x 9 mm
Ø 45 - 67 mm*	4 - 6	24 x 2.5 x 8 mm

Effective length: Ø 6.3 - 10 mm = 50 mm

Ø 12 - 67 mm = 120 mm

Special length of 300 mm available upon request

*Single segment mounting from Ø 45 mm

9 mm high segments with high diamond concentration

Extremely easy cutting, very long service life in granite tiles

Threaded adaptor G 1/2"

Suitable for all other ROTHENBERGER drilling machines



Overwound drill bits

Balanced rotation reduces wear

Drilling of the hardest materials



Reinf. concrete



Marble



Granite



Green granite



Masonry



Hollow brickwork



Aerated concrete



Asphalt



Suitable for



RD 160



Ceramic



RD 200

Ø mm	kg	Adaptor G 1/2" No.
6.3	0.17	FF44806
8.3	0.17	FF44808
10	0.17	FF44810
12	0.19	FF44812
14	0.20	FF44814
15	0.20	FF44815
16	0.20	FF44816

Ø mm	kg	Adaptor G 1/2" No.
18	0.21	FF44818
20	0.22	FF44820
22	0.22	FF44822
24	0.22	FF44824
25	0.23	FF44825
26	0.23	FF44826
28	0.25	FF44828

Ø mm	kg	Adaptor G 1/2" No.
30	0.25	FF44830
32	0.25	FF44832
35	0.30	FF44835
36	0.32	FF44836
38	0.34	FF44838
40	0.34	FF44840
42	0.35	FF44842

Ø mm	kg	Adaptor G 1/2" No.
45*	0.42	FF44845
50*	0.60	FF44850
55*	0.65	FF44855
60*	0.72	FF44860
65*	0.76	FF44865
67*	0.79	FF44867

* with single segment mounting

DX-High Speed Plus Universal Drill Bits

Space welding universal wet and dry drill bits
Ø 20 - 300 mm

Space Welding and
PRISMACUT!



2

Product Profile

APPLICATION AREA

Wet and dry drill bits for drilling in reinforced concrete, asphalt, masonry, as well as lime sand brick for Ø 20 - 300 mm

Typical areas of application are HVAC&R and electronic installations, old building renovations, building industry, air-conditioning technology, garden and landscaping

KEY FEATURES

- Extremely easy cutting, safe cut in hand-operated use
- Faster cutting progress and extremely long service life
- Suitable for all other ROTHENBERGER drilling machines
- Balanced rotation reduces wear

Suitable for



RD 160*



RD 200*



RD 500*

* We recommend the optional extraction rotor when using as a dry drill bit

**Highest service life and
universal application!**

**Threaded adaptor
G 1/2" and 1.1/4" UNC**

Suitable for all other
ROTHENBERGER
drilling machines



Special segment mix

Quicker drilling progress
and extremely long service life

**Extremely easy cuts,
safe cuts in hand
operated use**

Space welding

Allows wet and dry use

Overwound drill bits

Balanced rotation reduces wear

Marble



Masonry



Hollow brickwork



Pavement



Lime sand brick



Reinf. concrete



Ø mm	kg	Adaptor G 1/2" No.
20	0.5	FF44620
30	0.6	FF44630
40	0.7	FF44640
52	0.9	FF44650
62	1.2	FF44660
72	1.4	FF44670

Ø mm	kg	Adaptor G 1/2" No.
82	1.6	FF44680
92	1.9	FF44690
102	2.1	FF44700
112	2.4	FF44710
122	2.6	FF44720
132	2.9	FF44730

Ø mm	kg	Adaptor 1.1/4" No.	Ø mm	kg	Adaptor 1.1/4" No.
30	0.7	FF44030	132	4.6	FF44130
40	1.2	FF44040	142	5.0	FF44140
52	1.6	FF44050	152	6.4	FF44150
62	1.9	FF44060	162	7.0	FF44160
72	2.3	FF44070	172	7.5	FF44170
82	2.6	FF44080	182	8.0	FF44180
92	3.0	FF44090	200	9.0	FF44200
102	3.4	FF44100	220	11.4	FF44220
112	3.8	FF44110	250	13.6	FF44250
122	4.2	FF44120	300	19.3	FF44300

Suitable for all other drilling systems with G 1/2" and 1.1/4" UNC!

RODIA® Diamond Core Drilling

RODIA® Diamond Drill Bits

SPEED STAR DX

Space welding wet and dry drill bits Ø 10 - 500 mm

Space Welding and
PRISMACUT!



Product Profile

APPLICATION AREA

Wet and dry drill bits for asphalt, masonry, as well as natural and artificial stone of Ø 10 - 500 mm

Typical areas of application are HVAC&R, plumbing, old building renovations, building industry, air-conditioning technology, gardening and landscaping

KEY FEATURES

- Extremely easy cuts, safe cut in hand-operated use
- Balanced rotation reduces wear
- Suitable for all other ROTHENBERGER drilling machines
- Standard lengths 400 / 500 mm, special lengths available on request
- Conventional G 1/2" and 1.1/4" UNC threaded adaptors

TECHNICAL DATA

Drill bits	Segment	Segment dimensions (L x W x H)
Ø 10 - 38 mm	1	16 x 3.0 x 7.0 mm
Ø 40 - 48 mm	1 - 4	24 x 3.0 x 9.0 mm
Ø 50 - 55 mm	5 - 6	24 x 3.5 x 9.0 mm
Ø 56 - 72 mm	6 - 7	24 x 3.5 x 9.0 mm
Ø 75 - 102 mm	7 - 8	24 x 3.5 x 9.0 mm
Ø 107 - 142 mm	9 - 11	24 x 4.0 x 9.0 mm
Ø 142 - 182 mm	11 - 14	24 x 4.0 x 9.0 mm
Ø 182 - 250 mm	14 - 16	24 x 4.0 x 9.0 mm
Ø 300 - 500 mm	16 - 26	20 x 5.0 x 9.0 mm
Connection G 1/2":		Effective length 400 mm
Connection 1.1/4" UNC:		Effective length 500 mm

Durable (DURAMANT) PRISMACUT

Extremely easy cutting, safe cut in hand-operated use

Extremely high diamond concentration

Faster drilling progress

Suitable for



RD 160*



RD 200*



RD 500*

* We recommend the optional extraction rotor when using as a dry drill bit

Special drill bits for pavement, asphalt, as well as special lengths up to 1000 mm available upon request!

Threaded adaptor
G 1/2" and 1.1/4" UNC

Suitable for all other
ROTHENBERGER
drilling machines

Overwound drill bits

Balanced rotation reduces wear

Reinf. concrete



Marble



Asphalt



Ø mm	kg	Adaptor G 1/2" No.	Ø mm	kg	Adaptor G 1/2" No.	Ø mm	kg	Adaptor 1.1/4" No.	Ø mm	kg	Adaptor 1.1/4" No.
10	0.3	FF00610	52	0.9	FF00650	20	0.5	FF00020	122	4.2	FF00120
12	0.4	FF00612	56	1.2	FF00655	25	0.6	FF00025	125	4.3	FF00125
14	0.4	FF00614	62	1.2	FF00660	30	0.7	FF00030	132	4.6	FF00130
15	0.4	FF00615	66	1.3	FF00665	40	1.2	FF00040	142	5.0	FF00140
16	0.4	FF00616	72	1.4	FF00670	46	1.4	FF00045	152	6.4	FF00150
18	0.4	FF00618	76	1.5	FF00675	52	1.6	FF00050	162	7.0	FF00160
20	0.5	FF00620	82	1.6	FF00680	56	1.7	FF00055	172	7.5	FF00170
24	0.5	FF00624	87	1.7	FF00685	62	1.9	FF00060	182	8.0	FF00180
25	0.5	FF00625	92	1.9	FF00690	66	2.1	FF00065	200	9.0	FF00200
26	0.5	FF00626	95	2.0	FF00695	72	2.3	FF00070	220	11.4	FF00220
28	0.6	FF00628	102	2.1	FF00700	76	2.4	FF00075	250	13.6	FF00250
30	0.6	FF00630	108	2.3	FF00705	82	2.6	FF00080	280	17.6	FF00280
32	0.6	FF00632	112	2.4	FF00710	87	2.8	FF00085	300	19.3	FF00300
35	0.7	FF00635	117	2.5	FF00715	92	3.0	FF00090	350	23.6	FF00350
38	0.7	FF00638	122	2.6	FF00720	102	3.4	FF00100	400	28.4	FF00400
40	0.7	FF00640	127	2.8	FF00725	108	3.6	FF00105	450	33.6	FF00450
46	0.7	FF00645	132	2.9	FF00730	112	3.8	FF00110	500	39.1	FF00500

Vacuum Pump RODIA-VAC

This vacuum pump is suitable for all diamond core drilling units. An extraction tank prevents the vacuum plate from loosening quickly during a sudden power failure. Oil-free vacuum pump with pressure gauge.



1.1 KW motor power
85% Vacuum
200 l/min extraction volume

10 l extraction tank

Safety during a power failure

Drill stand can only be mounted with a combination of vacuum plate and vacuum set!

Vacuum-Sets



No. FF35710
No. FF35740

Quick Clamping Column

Toolless and reliable bracing between floor and wall or wall and wall. Maximum operation range from 1.7 m up to 3.0 with a load capacity up to 500 kg with sideways guidance.



No. FF35015

Description	kg	No.
Quick Clamping Column	9.0	FF35015
Vacuum pump RODIA-VAC 230 V	20.0	FF35200
Vacuum set, RODIACUT® 130, 131 DWS, 170 C	1.1	FF35710
Spare foamed rubber for drill base	0.1	FF50007
Vacuum set RODIACUT® 202 DWS, 270 C	1.1	FF35740
Spare foamed rubber for drill base	0.1	FF50008

Concrete / Masonry Fixing Set

Includes (No. FF35120): Knurled thread rod Type G-B 160 mm, screw thread M 12/20 mm (No. FF35129), U-washer (No. FF70166), winged nut M 12 (No. FF55150), 25 x drive-in anchor M 12 (No. FF 35122) and drive-in iron (No. FF35128)

Includes (No. FF35121): Knurled thread rod Type G-M 280 mm, screw thread M 12/85 mm (No. FF35130), U-washer (No. FF70166), winged nut M 12 (No. FF55150), hexagonal nut M12 (No. FF70167), 5 x Rawl-Anchor M 12 (reusable) (No. FF35126) and drive-in iron (No. FF35128)



No. FF35120

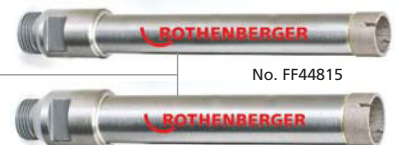
No. FF35121

Special Diamond Drills for Tiles and Natural Stone

For use when hammer drills can not do the job. Various material combinations, such as tiles on concrete, can be easily drilled without damage.

Special Diamond Drills

for Tiles and Natural Stone



No. FF44815

No. FF44820

SDS-plus Hammer drill



Thread Interfaces

Between motor connection and drill bit



No. FF35095



No. FF35080



No. FF35091

Copper Rings 1.1/4

Levels out the unevenness between motor connection and drill bit. Easy loosening prevents drill bits from getting stuck on the driveshaft.



Description	kg	No.
Concrete fixing set	1.90	FF35120
Drive-in anchor concrete M12	0.04	FF35122
Threaded rod, B15 concrete set	0.20	FF35129
Threaded rod, B15 masonry	0.30	FF35130
Wet drill bit Ø 15 mm	0.20	FF44815
Masonry fixing set	1.10	FF35121
Rawl anchor M 12	0,08	FF35126
SDS-plus Hammer drill Ø 20 mm, NL. 300 mm	0,22	111449
Wet drill bit Ø 20 mm, G1/2"	0,22	FF44820
G 1/2" outer thread to 1.1/4" UNC outer thread	0,50	FF35080
1.1/4" UNC inner thread to G 1/2" inner thread	0,70	FF35095
Adaptor DD-BI to G 1/2" + 1.1/4"	0,50	FF35091
Adaptor DD-BU to G 1/2" + 1.1/4"	0,80	FF35092
Threaded interface WÜRTH to 1.1/4"	0,60	FF35101
Copper ring 1.1/4"	0,05	FF35190

RODIA® Diamond Core Drilling

Accessories Hand-Operated & stationary Drilling

Water Supply

The sturdy 10 litre pressurized water container made of steel is perfectly suited for individual drilling. When drilling large diameters or series drillings, the fully submersible RODIAPUMP enables a mobile supply of water from buckets or other containers up to a delivery height of 5 meters using a 1" water hose.

Comfortable water connection

Quick connection with the GK adaptor and quick-plug coupling

Rust-free motor shaft

Prevents the quick jamming of the rotor

Fine filter

Prevents entry of foreign materials and protects the motor shaft

No. FF35029



Description	kg	No.
Submersible water pump RODIAPUMP	4,40	FF35029
Water supply hose with Aqua-Stop	0,20	FF35302

Manometer

pressure indicator

2.5 meter hose length

Ideal use for ceiling holes

No. FF35026



Connection Quick plug-in coupling

Drip-free connection even under water pressure

Description	kg	No.
Pressurized water container	5,50	FF35026
Special water supply hose	0,20	FF35301

Water Extraction Systems

The dirty cooling water is extracted in connection with a wet and dry vacuum (FF35148, FF35210)



No. FF35730

Only for RODIACUT® 202 DWS, 250 and 270 C



No. FF35700

Only for RODIACUT® 131 DWS, 150 and 170 C

Description	kg	No.
Water collection ring, stationary (up to Ø 132 mm)	1.2	FF35700
Spare rubber membrane (for FF35700)	0.3	FF55131
Water collection ring, stationary (up to Ø 200 mm)	2.5	FF35730
Spare rubber membrane (for FF35730)	0.6	FF55201

Extensions

G 1/2" and 1.1/4" UNC

Easy extension of the drilling depth
High-quality and robust steel design



Extensions
G 1/2"



Extensions
1.1/4" UNC

Nominal length mm	kg	G 1/2" No.	kg	1.1/4" UNC No.
100	0,40	FF35040	1,00	FF35060
200	0,90	FF35045	2,00	FF35065
300	1,40	FF35050	3,00	FF35070
500	2,40	FF35055	5,10	FF35075

Extraction Rotor "RODIADUST"

Universal adaptor for wet drilling machines for dust-free dry drilling

Provides optimum extraction results in conjunction with RODIA DRY CLEANER (FF35148) and increases the drilling process, prevents jamming of drill bit and reduces segment wear.

Model	kg	No.
Extraction Rotor 1.1/4" UNC (G1/2" Machine)	1,90	FF40056



RODIA® Diamond Core Drilling

Extraction systems

RODIA DRY CLEANER 1200

Wet and dry extraction unit

Especially good performance when used with WALL CUT 6540, RODIADRILL 1800 DRY or other ROTHENBERGER extraction-friendly system products



Fig. Folded filter
No. FF55374

Model	kg	No.
RODIA DRY CLEANER 1200	10.8	FF35148
Folded filter (2 piece) for wet suction	1.0	FF55374
Fleece filter (5 piece) for dry suction	0.3	FF55388

Constant extraction power!
Automatic filter-cleaning function!

High cleaning efficiency

2 polyester-filter cassettes with 99.9% dust retention (max. 20 l), water retention of 15 litres



Separate automatic outlet

Adaptor for further electric tools

User comfort with a wide operating range

5 m long suction hose and 8 m long AC power cord

RODIA CLEANER 1400

Water suction unit

KEY FEATURES

- Easy-to-handle and powerful 1400 watt water extraction unit
- 35 litre container made of zinc-plated steel plate with acrylate coating: Rust-free
- Separate automatic outlet connection for an additional electrical tools



Set (No. FF35210) includes various extraction tubes and extraction nozzles. Wet-suction is possible when used with the cartridge filter system. When used with a cloth filter, dry suction possible. Suitable for use with our core drilling systems.

Model	kg	No.
RODIA CLEANER 1400	9.0	FF35210
Cartridge filter	1.0	FF55447
Paper filter (5 piece)	1.0	FF55448

Separate automatic outlet

Connection for additional electrical tools



Light and easy-to handle

Impact protective ring at base with 4 double roller wheels, 9 kg weight

ONE
of
6.000

**Premium tools for
professionals!**

3





Bending

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Do you want to know more about our products? Please scan the QR-Code!

Bending

System overview

3

Push bending

TUBE BENDER



TUBE BENDER Maxi



TUBE BENDER Maxi MSR



Method:	Manual 90°	Manual 90°	Manual 90°
Working Area: Copper	Ø 5-12 mm (1/4-1/2"), •Ø 1 mm, soft	Ø 12-22 mm (3/8-7/8") •Ø 1 mm, soft	–
Working Area: Aluminium	Ø 5-12 mm (1/4-1/2"), •Ø 1 mm, soft	Ø 12-22 mm (3/8-7/8") •Ø 1 mm, soft	–
Working Area: Precision steel	Ø 5-12 mm (1/4-1/2"), •Ø 1 mm, soft	Ø 12-22 mm (3/8-7/8") •Ø 1 mm, soft	–
Working Area: Stainless steel	–	Ø 12-18 mm (3/8-5/8") •Ø 1 mm, soft	–
Working Area: MSR	–	Ø 14-26 mm (5/8-7/8") •Ø 1 mm	Ø 14-32 mm •Ø 2 mm

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Pull bending

Standard Two Handed Bender 90°



MULTIBEND



MINIBEND



Standard Bender 180°



Method:	Manual 90°	Manual 180°	Manual 180°	Manual 180°
Working Area: Copper	Ø 12-22 mm •Ø 1 mm, soft, semi-hard	Ø 10-18 mm (1/4 - 5/8") •Ø 1 mm, soft	Ø 6-10 mm (1/4 - 3/8") •Ø 1 mm, soft	Ø 6-18 mm (1/4 - 5/8") •Ø 1 mm, soft
Working Area: Aluminium	–	Ø 10-18 mm (1/4-5/8") •Ø 1 mm, soft	Ø 6-10 mm (1/4 - 3/8") •Ø 1 mm, soft	Ø 6-18 mm (1/4 - 5/8") •Ø 1 mm, soft
Working Area: Precision steel	–	Ø 10-18 mm (1/4-5/8") •Ø 1 mm, soft	Ø 6-10 mm (1/4 - 3/8") •Ø 1 mm, soft	Ø 6-18 mm (1/4 - 5/8") •Ø 1 mm, soft
Working Area: Stainless steel	–	–	–	–
Working Area: MSR	–	–	–	–

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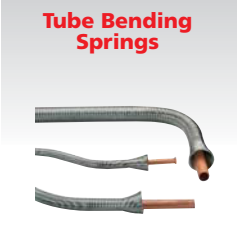



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Push bending

	ROBULL Typ E	ROBULL MSR Typ E	ROBULL Typ ME	ROBULL MSR Typ ME
				
Method:	Manual hydraulic 90°	Manual hydraulic 90°	Hydraulic 90°	Hydraulic 90°
Working Area: Copper	—	—	—	—
Working Area: Aluminium	—	—	—	—
Working Area: Precision steel	Ø 3/8"-2"	—	Ø 3/8"-2"	—
Working Area: Stainless steel	—	—	—	—
Working Area: MSR	—	Ø 40-63 mm	—	Ø 40-63 mm
Page	66, 67	66, 67	68, 69	68, 69

Pull bending

	Tube Bending Springs	Internal Bending Springs MSR	ROBEND® H+W PLUS	ROBEND® 4000
				
Method:	Manual 180°	Manual 180°	Manual 180°	Manual 180°
Working Area: Copper	Ø 8-16 mm (1/4-5/8")	—	Ø 8-22 mm (5/16 - 7/8") •Ø 1 mm, soft, semi-hard, hard	Ø 12-35 mm (1/2 - 1.3/8") •Ø 2,0 mm, soft, semi-hard, hard
Working Area: Aluminium	—	—	Ø 8-22 mm (5/16 - 7/8") •Ø 1 mm, soft	Ø 12-35 mm (1/2 - 1.3/8") •Ø 2,0 mm, soft, semi-hard, hard
Working Area: Precision steel	—	—	Ø 10-22 mm (3/8 - 5/8") •Ø 1 mm, soft	Ø 12-35 mm (1/2 - 1.3/8") •Ø 2,0 mm, soft
Working Area: Stainless steel	—	—	Ø 8-22 mm (5/16 - 7/8") •Ø 1 mm, soft	Ø 12-35 mm (1/2 - 1.3/8") •Ø 2,0 mm
Working Area: MSR	—	Ø 6-20 mm	—	Ø 12-35 mm (1/2 - 1.3/8") •Ø 2,0 mm
Page	63	63	64, 65	70 - 72

Bending

Manual

TUBE BENDER

For accurate one handed bending up to 90°,
 Ø 5 - 12 mm (1/4 - 1/2")



Product Profile

APPLICATION AREA

Suitable for pipes made of:
Copper (soft) and aluminium: Ø 5 - 12 mm, 1/4 - 1/2"
Precision steel (soft): Ø 5 - 12 mm, 1/4 - 1/2"

KEY FEATURES

- Accurate bending even in restricted spaces
- Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels
- Quick and simple change of the bending formers
- Fast release and removal of the bending formers
- One handed operation through the ergonomic design
- Fast and accurate bending

Ratchet arm with bayonet coupling

Quick change of the bending formers

Release lever

Quick release and reset of the bending formers

Ergonomic design

One handed operation

Compact design

Accurate bending even in restricted spaces

Mechanical ratchet feed

Quick and accurate bending

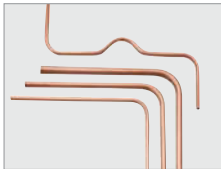
Open bending frame

Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels



Fig. TUBE BENDER Set

Various bends possible



TUBE BENDER
(No. 24130)



Bending formers (No. 24048)



Back plates (No. 24049)



Bending segments



TUBE BENDER sets includes: basic tool complete with bending segments, back plates, in plastic carrying case (No. 24025)

Model	kg		No.
Basic set (basic tool, back plates plastic case)	1.00	1	24010
TB Set 5 - 6 - 8 - 10 mm	2.84	1	24131
TB Set 6 - 8 - 10 - 12 mm	3.03	1	24132
TB Set 8 - 10 - 12 mm	2.82	1	24133
TB Set 1/4 - 5/16 - 3/8 - 1/2"	2.92	1	24134
Plastic carrying case	0.60	1	24025
Basic tool without bending segments	0.36	1	766004016
Support segment	0.05	1	24048
Back plate without support segment	0.14	1	24049

TUBE BENDER Bending

Model	Size	g	No.
Bending segments	5 mm	190	24001
Bending segments	6 mm	210	R2403200
Bending segments	8 mm	250	R2403300
Bending segments	9 mm	360	24004
Bending segments	10 mm	390	24005
Bending segments	12 mm	390	24007
Bending segments	1/4"	210	24002
Bending segments	5/16"	250	24003
Bending segments	3/8"	270	24006
Bending segments	1/2"	380	24008

Previous bending segments and back plates including support segments from earlier models are compatible!

TUBE BENDER MAXI

For accurate one handed bending up to 90°,
Ø 12 - 26 mm (3/8 - 7/8")



Product Profile

APPLICATION AREA

For the bending of pipes made of soft copper and aluminium, coated copper and precision steel pipes, as well as multi-layered composite pipes (only in MSR-Sets) and stainless steel (soft)

Suitable for pipe made of:

Copper (soft) and aluminium:	Ø 12 - 22 mm, 3/8 - 7/8"
Copper (coated):	Ø 12 - 18 mm, 3/8 - 5/8"
Precision steel (soft):	Ø 12 - 22 mm, 3/8 - 7/8"
Stainless steel (thin-walled, soft):	Ø 12 - 18 mm, 3/8 - 5/8"
MSR (Multilayer):	Ø 14 - 26 mm, 5/8 - 7/8"

KEY FEATURES

- Eliminates the cost for bending formers, storage and purchase
- Quick release and reset of the bending segments
- Bending segments are easily exchanged
- Optimum bending results

Safe transport

Handle will not open during transport

Optimum bending results

Plastic bending segments and support segments with increased conductivity

Mechanical ratchet feed

Quick precise bending

Release lever

Quick release and reset of the bending former

Adjustable bending frame

Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels



Fig. TUBE BENDER MAXI Set

TUBE BENDER MAXI Sets include: basic unit (No. 766100016), back plate support with segments (Cu Set No. 23001) (MSR Set No. 23001), (MSR-Set No. 24022), plastic carrying case (No. 23097)

Model	kg		No.
TB MAXI set 12 - 15 - 18 - 22 mm	3.5	1	023020X
TB MAXI set 12 - 14 - 16 - 18 - 22 mm	3.5	1	023021X
TB MAXI set 3/8 - 1/2 - 5/8 - 3/4 - 7/8"	3.3	1	023022X
TB MAXI set MSR 14 - 16 - 18 - 20 - 25 mm	3.3	1	023090X
TB MAXI set MSR 14 - 16 - 18 - 20 - 26 mm	3.3	1	023091X
Basic tool without back plate support	1.0	1	766100016
Back plate support without support segment	0.5	1	R2301500
Support segments R/L 10 - 25 mm	0.5	2	23008
Support segments R/L 12 - 22 mm	0.1	2	23047
Plastic carrying case	1.1	1	995866100

Previous bending segments and support segments from earlier models are compatible!

TUBE BENDER MAXI Bending segments

Model	Size	max. mm	g	No.
Bending segments	12 mm	1.0	80	23002
Bending segments	14 mm	1.0	80	23003
Bending segments	15 mm	1.0	90	23004
Bending segments	16 mm	1.0	100	23005
Bending segments	18 mm	1.0	140	23006
Bending segments	22 mm	1.0	170	23007
Bending segments	3/8"	1.0	70	23010
Bending segments	1/2"	1.0	80	23011
Bending segments	5/8"	1.0	100	23012
Bending segments	3/4"	1.0	120	23013
Bending segments	7/8"	1.0	170	23014

TUBE BENDER MAXI MSR Set

One-handed bending tool for precision bending of multi-layered composite pipes (MSR), Ø 14 - 32 mm



3

Product Profile

APPLICATION AREA

Universal bending tool. Increases safety by reducing the number of joints. Eliminates the costs for bending formers, storage and purchase

KEY FEATURES

- Ideal in confined spaces
- Quick release and resetting of bending formers
- Bending formers easily changed
- Optimal bending results
- Reduction of pressure-loss in the unit due to the low cross-sectional constriction as compared to prefabricated form pieces

Adjustable bending frame

Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels

Ratchet arm with bayonet coupling

Bending formers easily changed

Plastic bending formers and support segments with increased conductivity

Optimum bending results

Mechanical ratchet feed

Quick operation

Smooth running feed lever

Ideal for use in confined spaces and for one-handed operation

Release lever

Quick release and resetting of bending formers

Body made of resistant die-cast steel

Sturdy and long-lasting

Fig. TUBE BENDER MAXI MSR

Universal field operation



Sets (No. 23065 / 23095) include: TUBE BENDER MAXI MSR (No. 23076), support brackets (No. 23080), bending formers in plastic carrying case (No. 995867300)

Model	Description	No.
TUBE BENDER MAXI MSR Set	14 - 16 - 18 - 20 - 25 - 32 mm	23065
TUBE BENDER MAXI MSR Set	14 - 16 - 18 - 20 - 26 - 32 mm	23095

ACCESSORIES



Description	g	No.	Description	g	No.
Bending segment 14 x 2.0 mm	80	23003	Bending segment 26 x 2.0 mm	200	23053
Bending segment 16 x 2.0 mm	100	23005	Bending segment 32 x 2.0 mm	380	23051
Bending segment 18 x 2.0 mm	140	23050	Basic tool 32 without support brackets	1280	23076
Bending segment 20 x 2.0 mm	150	23052	Support brackets with support segments R/L 23076	790	23080
Bending segment 25 x 2.0 mm	180	23009	Support segments	200	23083

Standard Two Handed Bender 90°

For accurate bending up to 90° for pipes made of semi-hard copper according to DIN EN 1057 Ø 12 x 1.0 - 22 x 1.0 mm

KEY FEATURES

- Universal bender for sanitary and heating installations refrigeration and air-conditioning systems
- Long handles allow for better leverage in the bending of semihard copper pipes
- Bending pliers with sliding carriage for millimetre-exact bending
- Accurate adjustments between the bending radius and handle length reduces effort required



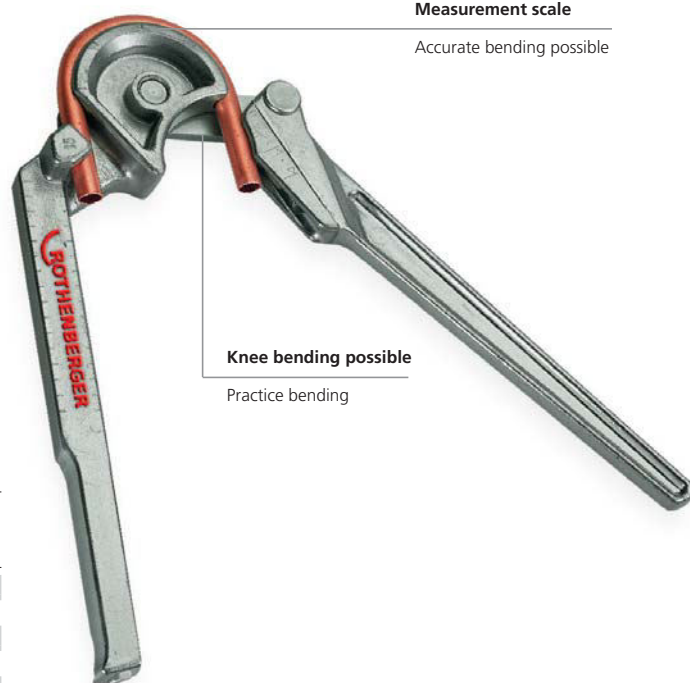
Size	mm	R Radius mm	L mm	kg	No.
12 mm	1.0	43	460	1.4	462212
15 mm	1.0	60	600	2.3	462215
18 mm	1.0	74	860	3.2	462218
22 mm	1.0	87	900	4.3	462222

MULTIBEND Standard Bender 180°

For accurate bending up to 180° of pipes made of soft copper, aluminium and precision steel Ø 10 - 18 mm (1/4 - 5/8")

KEY FEATURES

- Bending radius display of 0 - 180° for accurate bending
- Clamp mechanism for better pipe hold allows the bending of shorter pipe pieces
- Light construction allows for fatigue-free hand operation

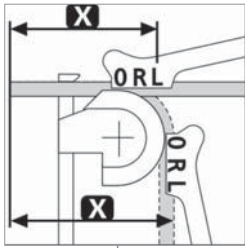


Size	max. mm	R Radius mm	kg	No.
10 mm	1.0	30	0.37	25401
12 mm	1.0	36	0.64	25402
14 mm	1.0	42	0.98	25403
15 mm	1.0	48	1.45	25404
16 mm	1.0	48	1.46	25405
18 mm	1.0	54	2.00	25406

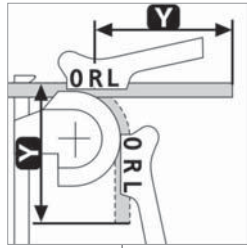
Bending

Manual

Method L



Method R



Accurate bending

Minimum size chart and bending radius display on measurement scale

MINIBEND

For accurate two handed bending up to 180° of pipes made of soft copper, brass, aluminium and precision steel Ø 6 - 10 mm, (1/4 - 3/8")

KEY FEATURES



- Suitable for use in refrigeration and air-conditioning, oil supply, automotive, hydraulic and pneumatic industries

Method L- Determination of the length of L - Left:

O: Reference to bending scale (0-0) and/or start/end of the bending radius
L: Used to determine/indicate the final dimension desired from the left (pipe beginning) up to top edge of the pipe (Measure X)

Method R: Determination of the length of R - Right:

O: Reference to bending scale (0-0) and/or start/end of the bending radius
R: Used to determine/indicate the final dimension desired from the right (pipe beginning) up to top edge of the pipe (Measure Y)

Model	 Size	 g	No.
MINIBEND	6 - 8 - 10 mm	420	25150
MINIBEND	1/4 - 5/16 - 3/8"	420	25151



Accurate bending



Minimum size chart and bending radius display on measurement scale

Standard Bender 180°

For accurate bending up to 180° of pipes made of soft copper, aluminium and precision steel Ø 6 - 18 mm (1/4 - 5/8")


KEY FEATURES

- Bending radius display of 0 - 180° for accurate bending
- Clamp mechanism for better pipe hold allows the bending of shorter pipe pieces
- Light construction allows for fatigue-free hand operation

 Size	R Radius mm	L mm	 g	No.
6 mm	18	305	550	25130
10 mm	30	390	970	25132
12 mm	36	390	980	25133
14 mm	47	450	1,580	25134
15 mm	54	450	1,830	25135
16 mm	58	450	1,830	25136
18 mm	66	480	2,110	25137
1/4"	18	305	560	25140
5/16" / 12 mm	24	305	640	25131
1/2"	30	390	1,680	25142
5/8"	58	450	1,830	25136

ACCESSORIES



Description		No.
Internal / External deburrer	27	1500000236
Bending spray, 150 ml	61	25120

Copper Tube Bending Springs

For free-handed bending of soft copper pipes
Ø 8 - 16 mm (1/4 - 5/8")

KEY FEATURES

- Coiled cone for ideal handling even with longer pipes
- Tough and long lasting with the cadmium-plated spring steel
- Optimal spring form prevents buckling in bending radius area

Size	g	No.
8 mm	70	25181
10 mm	80	25182
12 mm	160	25183
15 mm	220	25185
16 mm	220	25186



Size	g	No.
5/16"	70	25181
1/2"	130	25190
5/8"	220	25186

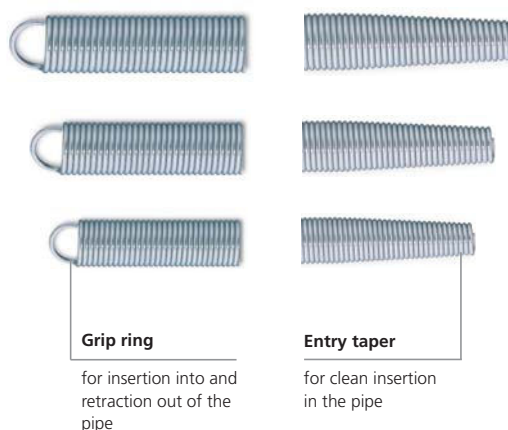
MSR Internal Bending Springs

For hand bending of aluminium multi-layer pipes (MSR)
Ø 6 - 20 mm

KEY FEATURES

- Ideal operation even with longer pipes:
Grip ring for retraction out of the pipe
- Entry taper for clean insertion in the pipe
- Sturdy and long lasting: NIROSTA spring steel
- Pipe will not buckle due to optimal spring form

Model	Bending spring	Pipe	g	No.
MSR-internal-bending spring	6.0 mm	12.0 mm	90	25441
MSR-internal-bending spring	8.0 mm	14.0 mm	120	25442
MSR-internal-bending spring	10.0 mm	16.0 mm	150	25443
MSR-internal-bending spring	12.0 mm	18.0 mm	180	25444
MSR-internal-bending spring	13.5 mm	20.0 mm	220	25445
MSR-internal-bending spring	19.0 mm	25/26 mm	380	25446



Bending Spray

For bending copper and steel pipes

KEY FEATURES

- Combination of slide and bending oil
- Because of the special viscosity even copper and steel pipes are able to be bent easily

Model	Contents	No.
Bending spray, 150 ml	150 ml	25120



Fig. Bending spray

ACCESSORIES



Description	No.
Internal / External deburrer	27 150000236

Bending Manual

ROBEND® H+W PLUS

For accurate cold bending up to 180°,
Ø 8 - 22 mm (5/16 - 7/8")

Made in Germany



Product Profile

APPLICATION AREA

For accurate bending up to 180° on pipes made of:

Copper (soft, semi-hard, hard thin-walled):	Ø 8 - 22 mm,	5/16 - 7/8"
Copper (coated, also thin-walled):	Ø 10 - 18 mm,	3/8 - 5/8"
Aluminium and brass:	Ø 8 - 22 mm,	5/16 - 7/8"
Precision steel (also coated):	Ø 10 - 22 mm,	3/8 - 5/8"
Seamless stainless steel:	Ø 8 - 22 mm,	5/16 - 7/8"

KEY FEATURES

- Exact bending to the mm on continuous pipe
- Retains shape and remains stable
- Two-hand bending possible with the additional handle up to Ø 18 mm / 5/8"
- Eliminates the costs of purchase and storage of bending formers
- Easy bending through clamping on a vice
- Exact bending with the minimum size chart and bending radius display

3

ROLUB-Anti-block-System

Less effort due to lower friction and optimum distribution of the bending spray

ROLUB-Antiblock-System!

Optimum combination of ROLUB guide shoe and the bending former

Perfect bending results without friction marks

Minimum size chart and bending radius display

Accurate bending

Bending formers with base plate

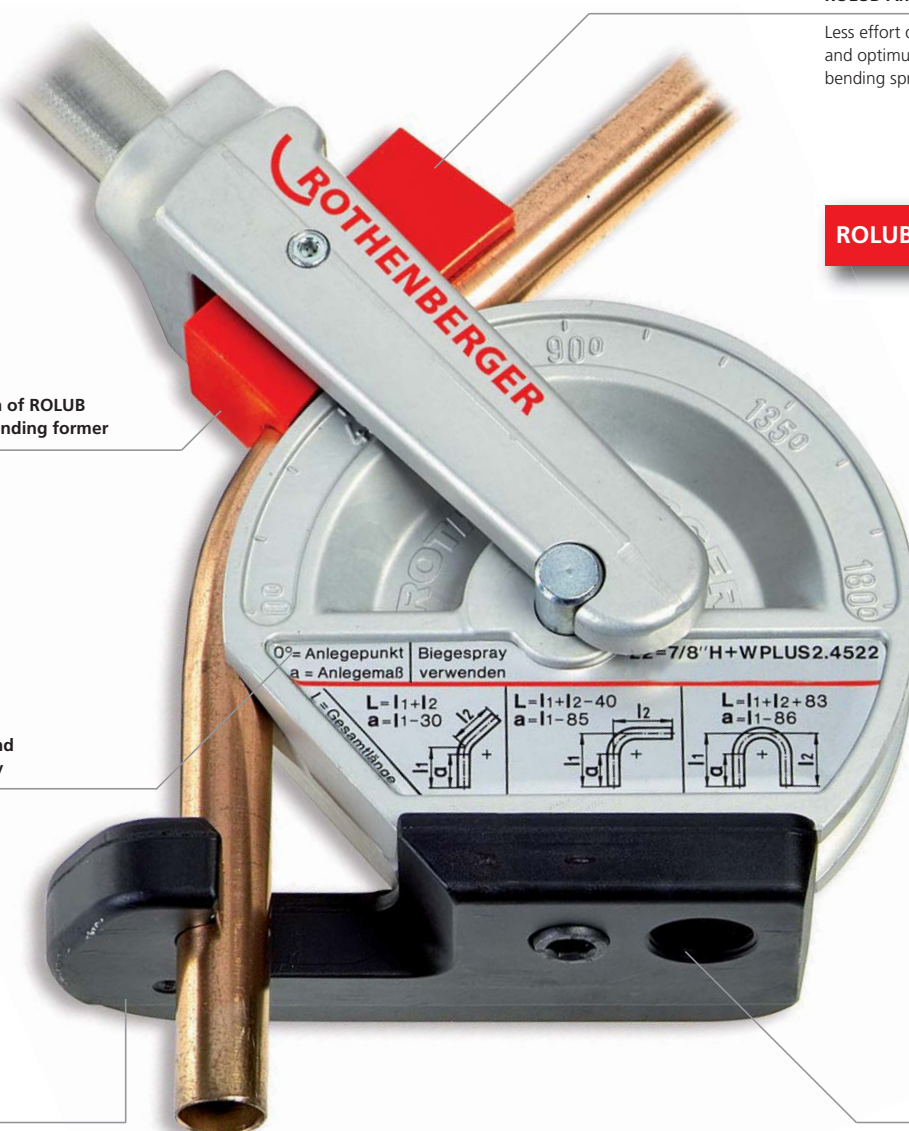
Easy bending through clamping on a vice

Made from high quality forged aluminium

Retains shape and remains stable

Thread for the attachment of the additional lever (accessories)

Free-hand bending possible



ROBEND® H+W PLUS Bender

Universal hand bender complete with bending former, fork with ROLUB guide shoe and handle. Universal application in sanitary and heating installations, refrigeration and air-conditioning systems and industrial systems



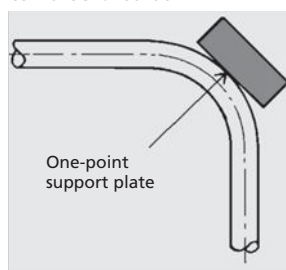
ROBEND® H+W PLUS Bender

Size	max mm	R Radius mm	g	No.
8 mm	1.0	22	660	24508
10 mm	1.0	32	1,180	24510
12 mm	1.0	38	1,110	24512
14 mm	1.0	45	1,370	24514
15 mm	1.0	45	1,370	24515
16 mm	1.0	64	2,620	24516
18 mm	1.0	64	2,620	24518
22 mm	1.0	81	3,800	24522
5/16"	1.0	22	660	24508
3/8"	1.0	32	1,185	24551
1/2"	1.0	38	1,110	24552
5/8"	1.0	64	2,620	24516
3/4"	1.0	81	3,850	24519
7/8"	1.0	81	3,800	24522

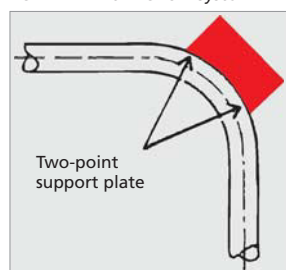
ACCESSORIES (additional lever for two-hand bending)

Lever (short) for bending formers Ø 8 mm / 3/8"	25075
Lever for bending formers Ø 10 - 15 mm	25076
Lever for bending formers bigger than Ø 15 mm	25078
Bending spray 150 ml	25120

Conventional bender



ROBEND® with ROLUB-System



Accurate bending



ROBEND® H+W PLUS Bending Sets

Sets include: Steel carrying case for a maximum of 5 bending formers, 2 levers for vice bending and bending spray (No. 25120). Bender corresponds to the respective pipe dimensions.

ROBEND® H+W PLUS Bending-Sets

Model	Description	mm	kg	No.
ROBEND® H+W PLUS 12 - 15 - 18 - 22 mm		1.0	16.5	24500
ROBEND® H+W PLUS 10 - 12 - 14 - 16 mm		1.0	16.3	24501
ROBEND® H+W PLUS 12 - 14 - 16 - 18 mm		1.0	13.6	24502
ROBEND® H+W PLUS 15 - 18 - 22 mm		1.0	14.9	24505
ROBEND® H+W PLUS 1/2 - 5/8 - 3/4"		1.0	13.6	24503
ROBEND® H+W PLUS 1/2 - 5/8 - 7/8"		1.0	13.7	24504

ROLUB Anti-Block Special Guide Shoe

Nennmaße	g	No.
8 mm	20	25308
10 mm	20	25310
12 mm	30	25312
14 mm	30	25314
15 mm	30	25315
16 mm	50	25316
18 mm	50	25318
22 mm	90	25322
5/16"	20	25308
3/8"	25	25310
1/2"	30	25313
5/8"	50	25316
3/4"	90	25319
7/8"	90	25322

ROLUB Anti-Block Special Guide Shoe

Especially adapted to the ROBEND® H+W bender the ROLUB guide shoe with two-point lubricating chamber system

Elastic honeycomb construction

Up to 42% less effort due to less friction



ROLUB Special Guide Shoe made of high-quality polyamide

Perfect bending results without friction marks

Two-point lubricating chamber system

Ensures optimum distribution of lubrication

Bending

Manual-Hydraulic

ROBULL Type E / ROBULL MSR Type E

For precise, manual hydraulic cold bending up to 90°



Product Profile

APPLICATION AREA

Broadly applicable, universal portable hydraulic bending system for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler construction and for industrial use. Also suitable for aligning tubes.

ROBULL Type E:

For accurate bending up to 90° on pipes made of:

Carbon steel suitable for welding and thread-cutting Ø 3/8 - 2"

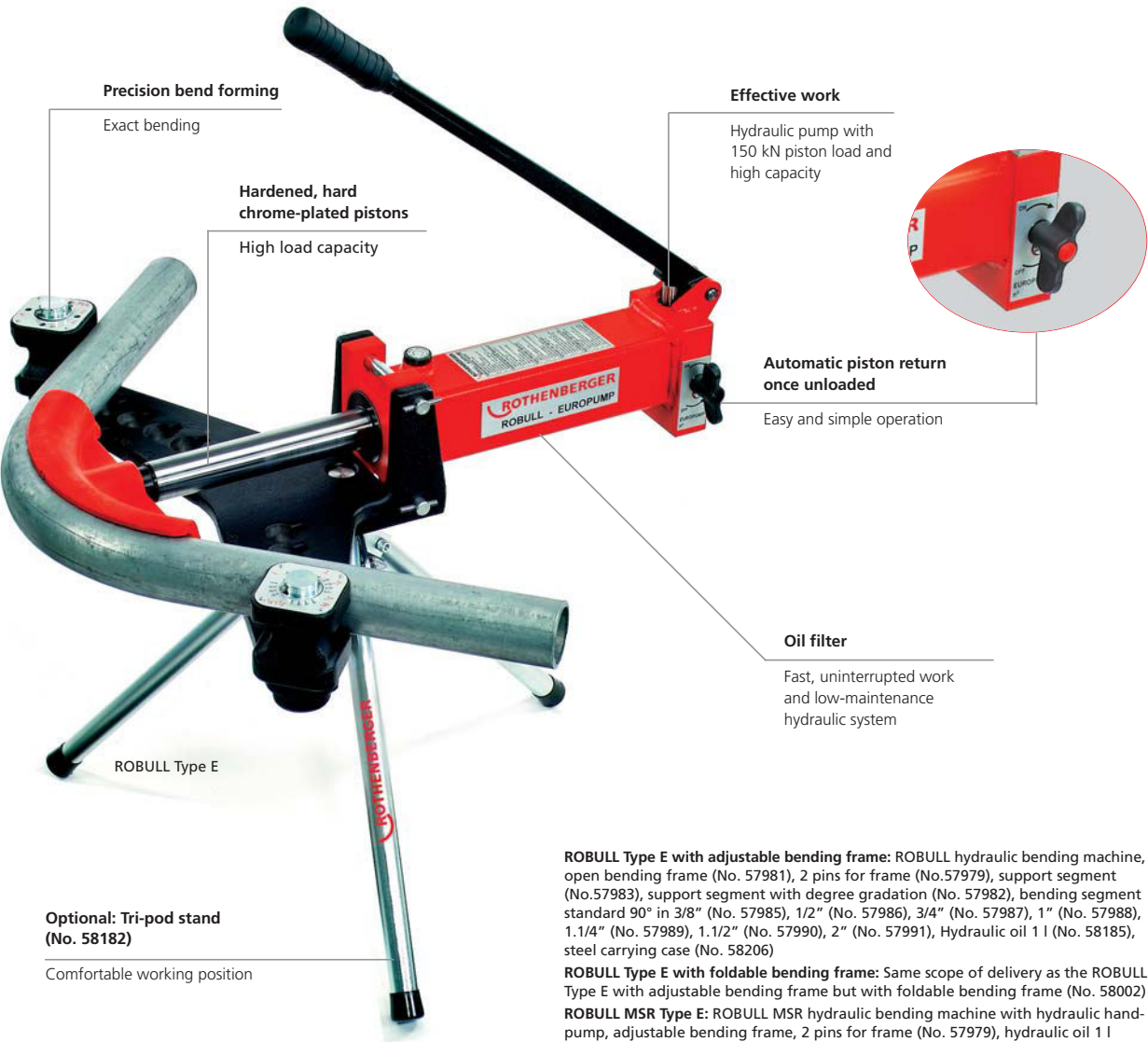
ROBULL MSR Type E:

For accurate bending up to 90° on pipes made of:

Multi-layered composite pipe (MSR) Ø 40 -50 - 63 mm

KEY FEATURES

- Precise bending with the angle scale on the support brackets (not with ROBULL MSR type E)
- Reduces welded joints
- No pre-warming of pipe is required
- No bending forms needed
- Works quicker with the 150 kN piston strength
- Easy and simple operation
- Closed, low-maintenance hydraulic system with a mono-block design and with quick, automatic piston retraction
- Comfortable working position with the tripod stand (opt.)
- With foldable and adjustable bending frame



ROBULL Type E with adjustable bending frame: ROBULL hydraulic bending machine, open bending frame (No. 57981), 2 pins for frame (No.57979), support segment (No.57983), support segment with degree gradation (No. 57982), bending segment standard 90° in 3/8" (No. 57985), 1/2" (No. 57986), 3/4" (No. 57987), 1" (No. 57988), 1.1/4" (No. 57989), 1.1/2" (No. 57990), 2" (No. 57991), Hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206)

ROBULL Type E with foldable bending frame: Same scope of delivery as the ROBULL Type E with adjustable bending frame but with foldable bending frame (No. 58002)

ROBULL MSR Type E: ROBULL MSR hydraulic bending machine with hydraulic hand-pump, adjustable bending frame, 2 pins for frame (No. 57979), hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206) (bending segments and support segments not included)

Model	Description	kg		No.
ROBULL Type E	without accessories	16.8	1	057950X
ROBULL Type E	with adjustable bending frame and accessories (see above)	59.8	1	057966X
ROBULL Type E	with foldable bending frame and accessories (see above)	72.6	1	057961X
ROBULL MSR Typ E	without bending segments and support segments (see above)	54.0	1	57900




ROBULL Type E



ROBULL Type E with
foldable bending frame




ROBULL Type E Bending Segments

Small bending radius (red)

		Wall thickness max. mm	r mm		No.
3/8"	17.20	2.35	45	0.7	57985
1/2"	21.30	2.65	49	0.7	57986
3/4"	26.90	2.65	65	0.8	57987
1"	33.70	3.25	89	1.3	57988
1.1/4"	42.40	3.25	115	1.6	57989
1.1/2"	48.30	3.25	137	2.4	57990
2"	60.30	3.65	200	3.2	57991

ROBULL Type E Bending Segments

Large bending radius (black)



		Wall thickness max. mm	r mm		No.
3/8"	17.20	2.35	56	0.8	58010
1/2"	21.30	2.35	85	0.9	58011
3/4"	26.90	2.65	115	1.2	58012
1"	33.70	2.65	145	2.1	58013
1.1/4"	42.40	3.25	180	3.5	58014
1.1/2"	48.30	3.25	214	4.3	58015
2"	60.30	3.65	245	5.6	58016

ROBULL MSR Type E



Set 40 - 50 - 63 (No. 58020) includes:
Bending segment 40 mm (No. 58021),
Bending segment 50 mm (No. 58022),
Bending segment 63 mm (No. 58023),
Support segments 40 mm (No. 57921),
Support segments 50 mm (No. 57922),
Support segments 63 mm (No. 57923)


ROBULL MSR Type E Bending Segments


	Wall thickness max. mm	r mm		No.
40	2.35	138	1.2	58021
50	2.65	173	1.7	58022
63	2.65	218	2.3	58023
40 - 50 - 63	see above	see above	9.0	58020



ACCESSORIES



Model		No.
ROBULL Type E		
Bending frame, adjustable	15.2	57981
Support segment for adjustable bending frame, with degree gradation (1 piece)	2.6	57982
Support segment for adjustable bending frame, without degree gradation (1 piece)	2.6	57983
Bending frame, foldable	12.5	58002
Support segment for foldable bending frame (1 piece)	2.2	58004
Locking pin	0.3	57979

Model		No.
ROBULL MSR Type E		
Support segments, 40 mm (2 piece)	1.9	57921
Support segments, 50 mm (2 piece)	3.2	57922
Support segments, 63 mm (2 piece)	3.9	57923
ROBULL Type E / ROBULL MSR Type E		
Hydraulic oil, 1 litre	1.0	58185
Tripod stand	3.0	58182

Bending

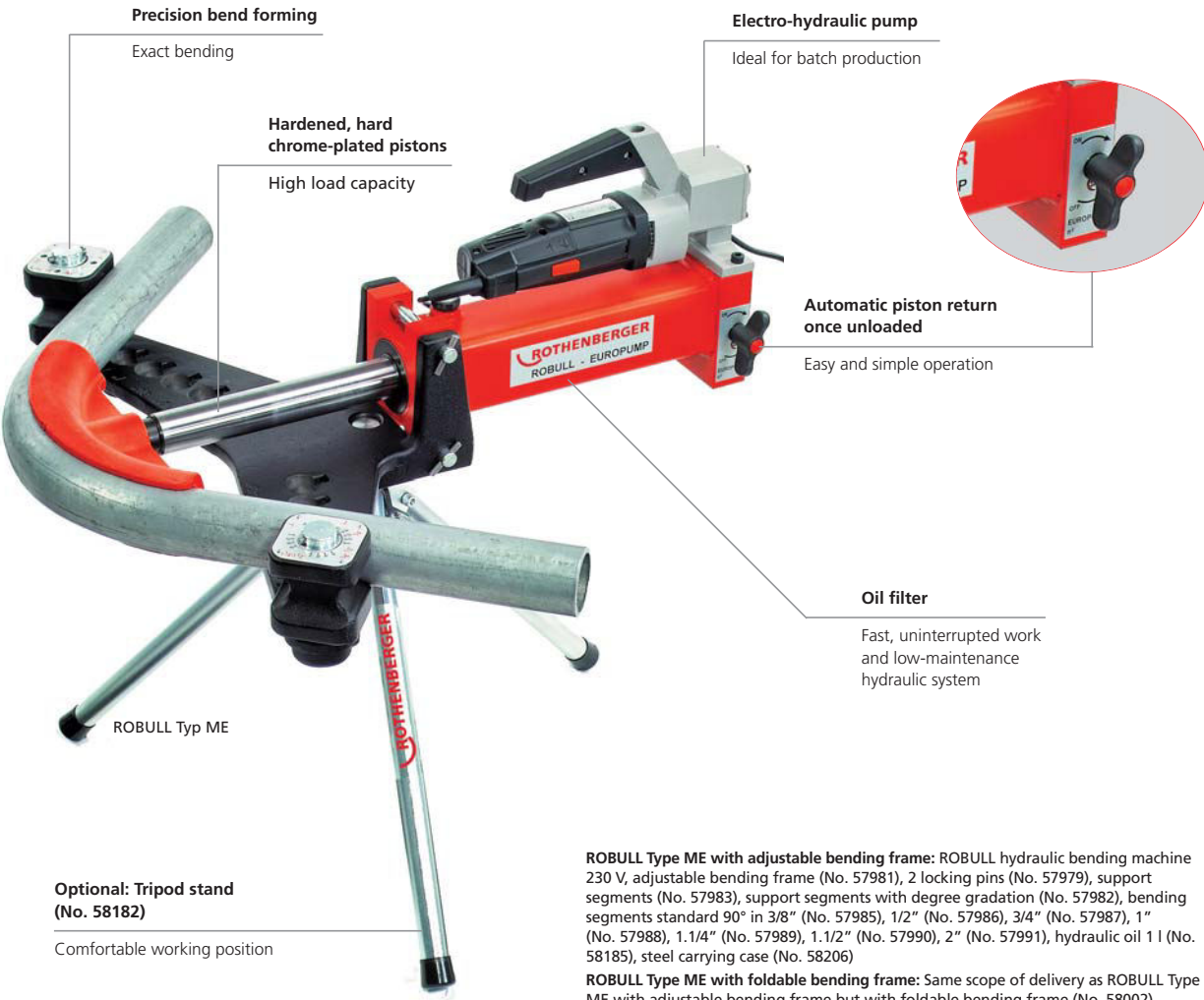
Electric Hydraulic

ROBULL Type ME / ROBULL MSR Type ME

For precise, power hydraulic cold bending up to 90°



Product Profile	
APPLICATION AREA Various uses, mobile hydraulic bending machine for use on the building site in gas, sanitary and heating installations ROBULL Type ME: For accurate bending up to 90° on pipes made of: Carbon steel suitable for welding and thread-cutting Ø 3/8 - 2" ROBULL MSR Type ME: For accurate bending up to 90° on pipes made of: multi-layered composite pipe (MSR) Ø 40 - 50 - 63 mm	KEY FEATURES <ul style="list-style-type: none"> ● Precise bending with the angle scale on the support segments (not with ROBULL MSR type ME) ● Reduces welding joints ● Pre-warming of the pipe no longer necessary ● No bending forms are necessary ● Effective use with the 150 kN piston strength ● Easy and simple operation ● Closed, low-maintenance hydraulic system with a mono-block design and with quick, automatic piston retraction ● Comfortable working position with the tripod stand (optional) ● With foldable and adjustable bending frame



Optional: Tripod stand
(No. 58182)
Comfortable working position

ROBULL Type ME with adjustable bending frame: ROBULL hydraulic bending machine 230 V, adjustable bending frame (No. 57981), 2 locking pins (No. 57979), support segments (No. 57983), support segments with degree gradation (No. 57982), bending segments standard 90° in 3/8" (No. 57985), 1/2" (No. 57986), 3/4" (No. 57987), 1" (No. 57988), 1.1/4" (No. 57989), 1.1/2" (No. 57990), 2" (No. 57991), hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206)

ROBULL Type ME with foldable bending frame: Same scope of delivery as ROBULL Type ME with adjustable bending frame but with foldable bending frame (No. 58002)

ROBULL MSR Type ME: ROBULL MSR hydraulic bending machine 230 V, adjustable bending frame, 2 locking pins (No. 57979), hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206) (bending segments, support segments not included)

Model	Description	kg		No.
ROBULL Type ME	without accessories	17.8	1	057969X
ROBULL Type ME	with adjustable bending frame and accessories (see above)	59.8	1	057973X
ROBULL Type ME	with foldable bending frame and accessories (see above)	72.6	1	057972X
ROBULL MSR Type ME	without bending segments and support segments (see above)	54.0	1	57915

ROBULL Type ME



ROBULL Type E with
foldable bending frame

ROBULL MSR Type ME



Set 40 - 50 - 63 (No. 58020) includes:
Bending segment 40 mm (No. 58021),
Bending segment 50 mm (No. 58022),
Bending segment 63 mm (No. 58023),
Support segments 40 mm (No. 57921),
Support segments 50 mm (No. 57922),
Support segments 63 mm (No. 57923)

ROBULL Type ME Bending Segments

Small bending radius (red)

		Wall thickness max. mm	r mm		No.
3/8"	17.20	2.35	45	0.7	57985
1/2"	21.30	2.65	49	0.7	57986
3/4"	26.90	2.65	65	0.8	57987
1"	33.70	3.25	89	1.3	57988
1.1/4"	42.40	3.25	115	1.6	57989
1.1/2"	48.30	3.25	137	2.4	57990
2"	60.30	3.65	200	3.2	57991

ROBULL Type ME Bending Segments

Large bending radius (black)

		Wall thickness max. mm	r mm		No.
3/8"	17.20	2.35	56	0.8	58010
1/2"	21.30	2.35	85	0.9	58011
3/4"	26.90	2.65	115	1.2	58012
1"	33.70	2.65	145	2.1	58013
1.1/4"	42.40	3.25	180	3.5	58014
1.1/2"	48.30	3.25	214	4.3	58015
2"	60.30	3.65	245	5.6	58016

ROBULL MSR Type ME Bending Segments

	Wall thickness max. mm	r mm		No.
40	2.35	138	1.2	58021
50	2.65	173	1.7	58022
63	2.65	218	2.3	58023
Set 40 - 50 - 63	see above	see above	9.0	58020



ACCESSORIES



Model		No.
ROBULL Type ME		
Bending frame, adjustable	15.2	57981
Support segment for adjustable bending frame, with degree gradation (1 piece)	2.6	775004000
Support segment for adjustable bending frame, without degree gradation (1 piece)	2.6	57983
Bending frame, foldable	12.5	77504100
Support segment for foldable bending frame (1)	2.2	58004
Locking pin	0.3	57979

Model		No.
ROBULL MSR Type ME		
Support segments, 40 mm (2 piece)	1.9	57921
Support segments, 50 mm (2 piece)	3.2	57922
Support segments, 63 mm (2 piece)	3.9	57923
ROBULL Type ME / ROBULL MSR Type ME		
Hydraulic oil, 1 litre	1.0	58185
Steel carrying case	10.0	58206
Tripod stand	3.0	58182

Bending

Electric

ROBEND® 4000

Portable, sturdy and powerful. The successor of the proven ROBEND 3000, now with a higher bending radius: Cold bending up to 180°, Ø 12 - 35 mm (1/2 - 1.3/8").

Product Profile

APPLICATION AREA

Universal application in sanitary and heating installations, in pipe-line construction, refrigeration and air-conditioning systems as well as industrial systems and batch production. Fewer joints means less potential for leaks. Safety implies less likelihood of injury.

Suitable for pipes made of:

Copper (hard, semi-hard and soft DIN EN 1057): Ø 12 - 35 mm, (1/2-1.3/8")

Copper and precision steel (coated): Ø 12 - 35 mm, (1/2-1.3/8")

Precision steel (soft DIN 2391 / 2393 / 2394): Ø 12 - 35 mm, (1/2-1.3/8")

Threaded steel (DIN 2440 / 2441): Ø 3/8 - 3/4"

Seamless stainless steel (GW 541): Ø 12 - 35 mm, (1/2-1.3/8")

Multi-layered composite pipe (MSR): wall thickness 1,0 - 2,0 mm

KEY FEATURES

- Quick return on investment through the savings from joints, soldering material and energy
- Universal application: U-bends, counter-bends, swan-neck bends and connecting bends possible at all levels
- Retains shape and remains stable: bending formers made of high-quality forged aluminium
- Top-quality, precise and simple to use
- Bending without deformation or ripples due to less friction
- Motor rating: 1010 Watt



Forged aluminium former with bending radius scale

Easy to use

Pre-adjustment of the bending angle without tools

Fast and precise bending

Special ROLUB Guide Shoe

Bending without deformation or ripples due to less friction

High-performance 1010 W motor

Ideal for continuous operation

Bending technology

Simplified work preparation, eliminates costs of purchase and storage of fittings

Automatic switch-off when preset bending angle is obtained

Fast batch production possible

Bending of pipes made of various materials possible



Seven-fold drive



Comfortable carry handle



ROBEND® 4000 with stand



ROBEND® 4000 Sets

Sets include: Basic 230 V Unit (No. 025740X), bending formers and guide shoes for respective pipe diameters, guide shoe axle (No. 25743), adaptor for tripod (No. 25748) in basic unit (tripod optional), carrying case



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ROLUB-Antiblock-System!

ROLUB Special Guide Shoe made of high-quality polyamide

Perfect bending results without friction marks

Optional:
Tripod stand

Two-point lubricating chamber system

Ensures optimum distribution of lubrication



Fig. ROBEND® 4000 Set

ROBEND® bending sets



Forged aluminium former with bending radius display



Pre-adjustment of the bending angle without tools



Model	Description	Pipe type	kg	No.
ROBEND® 4000 Set	15 - 18 - 22 mm	Cu, Fe, u.a.	24,12	1000001554
ROBEND® 4000 Set	15 - 18 - 22 - 28 mm	Cu, Fe, u.a.	24,12	1000001550
ROBEND® 4000 Set	12 - 14 - 16 - 18 - 22 mm	Cu, Fe, u.a.	21,90	1000001551
ROBEND® 4000 Set	15 - 22 - 28 mm	Cu, Fe, u.a.	21,10	1000001545
ROBEND® 4000 Set	12 - 14 - 16 - 18 - 22 - 28 mm	Cu, Fe, u.a.	24,10	1000001552
ROBEND® 4000 Set	12 - 15 - 18 - 22 mm	Cu, Fe, u.a.	20,60	1000001548
ROBEND® 4000 Set	12 - 15 - 18 - 22 - 28 mm	Cu, Fe, u.a.	23,50	1000001549
ROBEND® 4000 Set	15 - 18 - 22 - 28 - 35 mm	Cu, Fe, u.a.	32,00	1000001567
ROBEND® 4000 Set	1/2 - 5/8 - 3/4" - 7/8"	Cu, Fe, u.a.	19,60	1000001553
ROBEND® 4000 Set	1/2 - 5/8 - 3/4" - 7/8 - 1.1/8 - 1.3/8"	Cu, Fe, u.a.	22,00	1000001565
ROBEND® 4000 Set	7/8 - 1.1/8 - 1.3/8"	Cu, Fe, u.a.	29,00	1000001566
ROBEND® 4000 Basic unit	in carrying case without bending segments	Cu, Fe, u.a.	14,50	1000001559

ACCESSORIES



Description	No.	Description	
Bending spray 150 ml	25120	Pipe cutter	14 - 25
Guide shoe axle	25743	Internal / External deburrer	33
ROBEND® carrying case, for 5 segments up to Ø 30 mm	25745	Hard soldering torch (SUPER FIRE 3 with MAPP®-GAS)	152
Tripod stand, foldable	25748	Brazing solder	185 - 18
ROBEND® carrying case, for 32 mm (1.1/4") and 35 mm (1.3/8")	1000001564		

ROBEND® 4000 bending sets can be found on 72

Bending

Accessories & Bending Tables

ROBEND® 3000/4000 Bending Formers

For bending pipes Ø 12 - 28 mm (1/2 - 1.1/8")



Fig. ROBEND® 3000 bending set with ROLUB guide shoe

For steel pipe DIN 2440 and DIN 2441 (except 3/4")

Size	Wall thickness mm	Bending radius mm	No.
1/2"	3,25	88	1,42 25684
3/4"	3,25	112	2,90 25685

For copper pipe DIN EN 1057, aluminium pipe. Precision steel pipe DIN 2391/93/94, stainless steel pipe and others

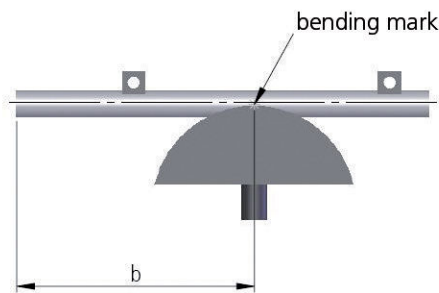
Size	Wall thickness mm	Bending radius mm	kg	No.
12 mm	1,0	42	0,48	25612
14 mm	1,0	49	0,48	25614
15 mm	1,0	52	0,53	25615
16 mm	1,0	56	0,60	25616
18 mm	1,0	72	1,17	25618
20 mm	1,0	80	1,42	25620
22 mm	1,2	88	1,42	25622
28 mm	2,0	112	2,90	25628
32 mm*	2,0	134	3,40	1000001561
35 mm*	2,0	140	3,60	1000001563

For copper pipe DIN EN 1057, aluminium pipe. Precision steel pipe DIN 2391/93/94, stainless steel pipe and others

Size	Wall thickness mm	Bending radius mm	kg	No.
1/2"	1,2	45	0,53	25652
5/8"	1,2	56	0,60	762955300
3/4"	1,2	80	1,42	25619
7/8"	1,2	88	1,42	762955700
1"	1,5	112	2,90	25625
1.1/8"	1,6	112	2,90	25626
1.1/4"*	2,0	134	3,40	1000001561
1.3/8"*	2,0	140	3,60	1000001563

*Bending Former Sets (No. 1000001561), (No. 1000001563) are only compatible with ROBEND 4000. Only matching with optional plastic carrying case (No. 1000001564).

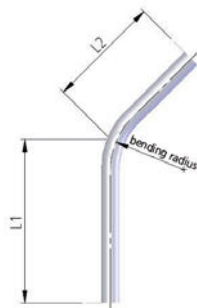
Push bending



Symbols

- L1, L2 = Leg length
- b = Lay out length
- L = Total length of the pipe piece
- L_w = Distance / pipe end - wall
- A_w = Distance wall - pipe middle
- L_M = Minimum Length*
- L_R = Reserve Length*

45°- Arc



$$L = L_1 + L_2$$

$$b = L_1 - L_R$$

90°- Arc



$$L = L_1 + L_2 - L_M$$

$$b = L_1 - L_R$$

Calculation Examples TUBE BENDER MAXI

Specifications:

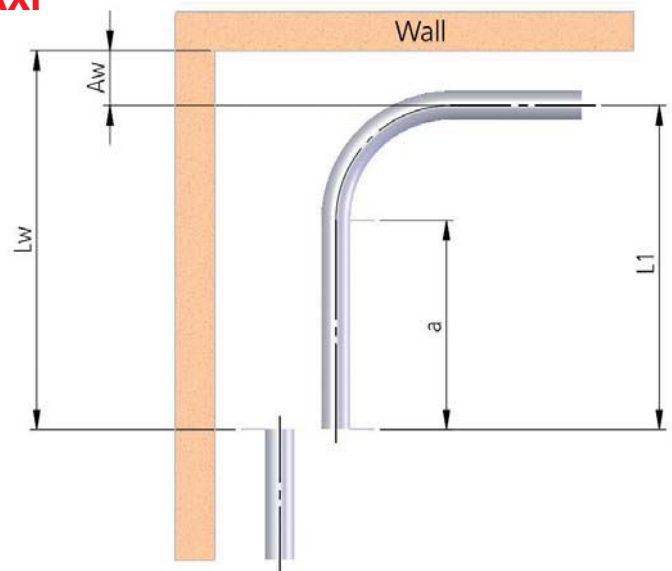
Installation in corner areas
 $L_W = 1200$ mm
 $A_W = 30$ mm
 Pipe-Ø 12 mm, 90°-Arch

Sought after:

Leg length L_1
 Applied size b

Solution:

Summary from the TUBE BENDER MAXI bending table



Leg length $L_1 = L_W - A_W = 1200 - 30 = 1.170$ mm
 Applied size $b = L_1 - L_R = 1170 - 7,5 = 1.162,5$ mm; L_R .. Tabular value

TUBE BENDER		at 45°		at 90°		at 180°	
for Ø mm / inch	Bending radius R (mm)	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm	Minimum length L_M mm
4,75/5	20,0	4,5	1,0	4,5	10,0	-	-
6	23,5	5,0	1,2	5,0	11,5	-	-
8	28,0	7,0	1,4	7,0	14,0	-	-
9	30,0	7,0	1,5	7,0	15,0	-	-
10	34,0	7,5	1,8	7,5	17,5	-	-
12	37,5	8,5	1,9	8,5	19,0	-	-
3/16"	20,0	4,5	1,0	4,5	10,0	-	-
1/4"	23,5	5,0	1,2	5,0	11,5	-	-
5/16"	28,0	7,0	1,4	7,0	14,0	-	-
3/8"	34,0	7,5	1,8	7,5	17,5	-	-
1/2"	37,5	8,5	1,9	8,5	19,0	-	-

TUBE BENDER MAXI		at 45°		at 90°		at 180°
for Ø mm / inch	Bending radius R (mm)	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm
12	35,0	0,8	10,0	7,5	35,0	-
14	42,5	0,9	12,5	9,0	42,5	-
15	48,5	1,1	14,0	10,5	48,5	-
16	49,0	1,1	14,5	10,5	49,0	-
18	74,0	1,7	22,0	16,0	74,0	-
22	87,0	1,9	25,5	18,5	87,0	-
3/8"	35,0	0,8	10,0	7,5	35,0	-
1/2"	35,0	0,8	10,0	7,5	35,0	-
5/8"	49,0	1,1	14,5	10,5	49,0	-
3/4"	74,0	1,7	22,0	16,0	74,0	-
7/8"	87,0	1,9	25,5	18,5	87,0	-

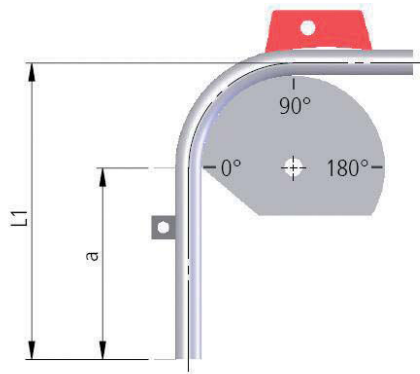
TUBE BENDER MAXI CT		at 45°		at 90°		at 180°
Ø / Ws mm	Bending radius R (mm)	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm	Minimum length L_M mm	Reserve length L_R mm
10 x 0,6	42,5	0,8	12,5	9,0	42,5	-
12 x 0,6	49,0	1,1	14,5	10,5	49,0	-
15 x 0,7	74,0	1,7	22,0	16,0	74,0	-
18 x 0,7	87,0	1,9	25,5	18,5	87,0	-

*All sizes listed are standards and are dependant on the material and the wall thickness. Bending specific sizes based on the bending radius - tabular value

Bending

Bending Tables

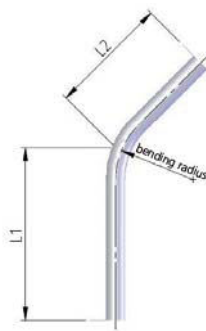
Pull Bending



Symbols

L_1, L_2 = Leg length
 a = Lay out length
 L = Total length of the pipe piece
 L_W = Distance / pipe end - wall
 A_W = Distance wall - pipe middle
 L_M = Minimum Length*
 L_R = Reserve Length*

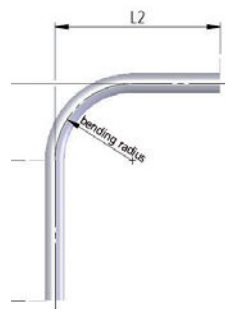
45°-Arc



$$L = L_1 + L_2$$

$$a = L_1 - L_R$$

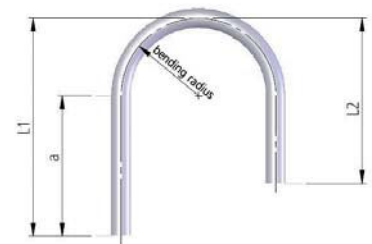
90°-Arc



$$L = L_1 + L_2 - L_M$$

$$a = L_1 - L_R$$

180°-Arc



$$L = L_1 + L_2 + L_M$$

$$a = L_1 - L_R$$

Calculation Examples ROBEND® 3000 / ROBEND® 4000

Specifications:

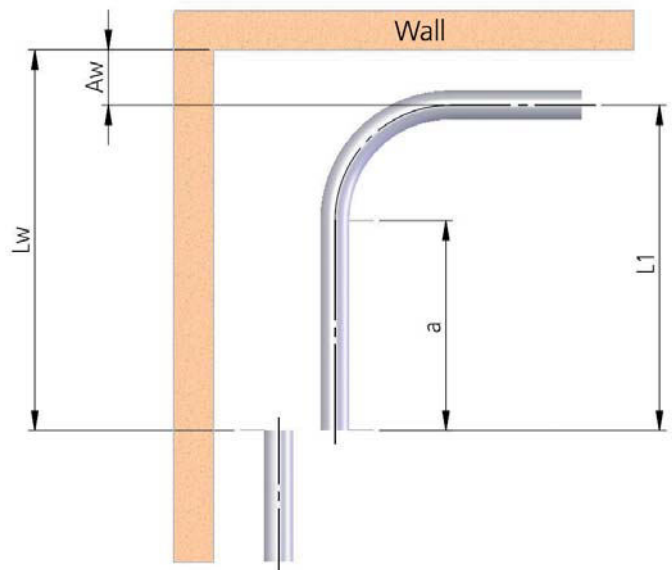
Installation in corner areas
 $L_W = 1200$ mm
 $A_W = 30$ mm
 Pipe-Ø 12 mm, 90°-Arc

Sought after:

Leg length L_1
 Applied size a

Solution:

Summary from the ROBEND® 3000/4000 bending table



Leg length $L_1 = L_W - A_W = 1200 - 30 = 1.170$ mm
 Applied size $a = L_1 - L_R = 1170 - 42 = 1.128$ mm; L_R .. Tabular value

Bending

Bending Tables

3

H&W Plus		at 45°		at 90°		at 180°	
Ø / Ws mm / inch	Bending radius R (mm)	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm
8	22	9	-	22	9.5	22	47
10	32	12	-	32	15.0	32	34
12	38	15	-	40	20.0	38	39
14	45	17	-	44	22.0	44	51
15	45	17	-	44	22.0	44	51
16	64	25	-	67	30.0	68	65
18	64	25	-	67	30.0	68	65
20	81	30	-	85	40.0	86	83
22	81	30	-	85	40.0	86	83
5/16"	22	9	-	22	9.5	22	47
3/8"	32	12	-	32	20.0	32	34
1/2"	38	15	-	40	22.0	38	39
5/8"	64	25	-	67	30.0	68	65
3/4"	81	30	-	85	40.0	86	83
7/8"	81	30	-	85	40.0	86	83

MINIBEND		at 45°		at 90°		at 180°	
Ø / Ws mm / inch	Bending radius R (mm)	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm
6	25.0	10.4	1.0	22.0	10.0	22.0	26.0
8	24.0	9.9	1.0	32.0	15.0	32.0	34.0
10	23.0	9.5	1.0	32.0	15.0	32.0	34.0
1/4"	25.0	10.4	1.0	22.0	10.0	22.0	26.0
5/16"	24.0	9.9	1.0	32.0	15.0	32.0	34.0
3/8"	23.0	9.5	1.0	32.0	15.0	32.0	34.0

Standard Bender 180°		at 45°		at 90°		at 180°	
for Ø mm / inch	Bending radius R (mm)	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm
6	18.0	7.0	0.8	18.5	8.0	18.5	20.0
10	30.0	11.5	1.3	30.5	14.5	30.5	34.0
12	36.0	14.0	1.5	36.5	15.0	36.5	37.5
14	47.5	18.5	2.0	48.5	20.5	48.5	52.5
15	54.0	21.0	2.3	56.0	24.5	56.0	58.0
16	58.0	22.5	2.5	64.0	28.5	64.0	67.0
18	66.0	25.5	2.8	68.0	31.0	68.0	72.0
1/4"	18.0	7.0	0.8	18.5	8.0	18.5	20.0
5/16"	24.0	9.5	1.0	24.0	12.0	24.0	27.0
1/2"	42.0	16.5	1.8	49.5	22.5	49.5	53.0
5/8"	58.0	22.5	2.5	64.0	28.5	64.0	67.0

MULTIBEND		at 45°		at 90°		at 180°	
for Ø mm	Bending radius R (mm)	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm
8	24.0	9.5	1.0	24.0	10.0	24.0	26.0
10	30.0	12.0	1.3	30.5	14.5	30.5	32.5
12	36.0	14.0	1.5	36.5	15.5	36.5	37.5
14	42.0	16.5	1.8	42.0	19.5	42.5	44.0
15	48.0	19.0	2.0	48.0	22.0	48.0	53.0
16	48.0	19.0	2.0	48.0	22.0	48.0	53.0
18	54.0	21.0	2.3	54.0	26.0	54.5	58.0

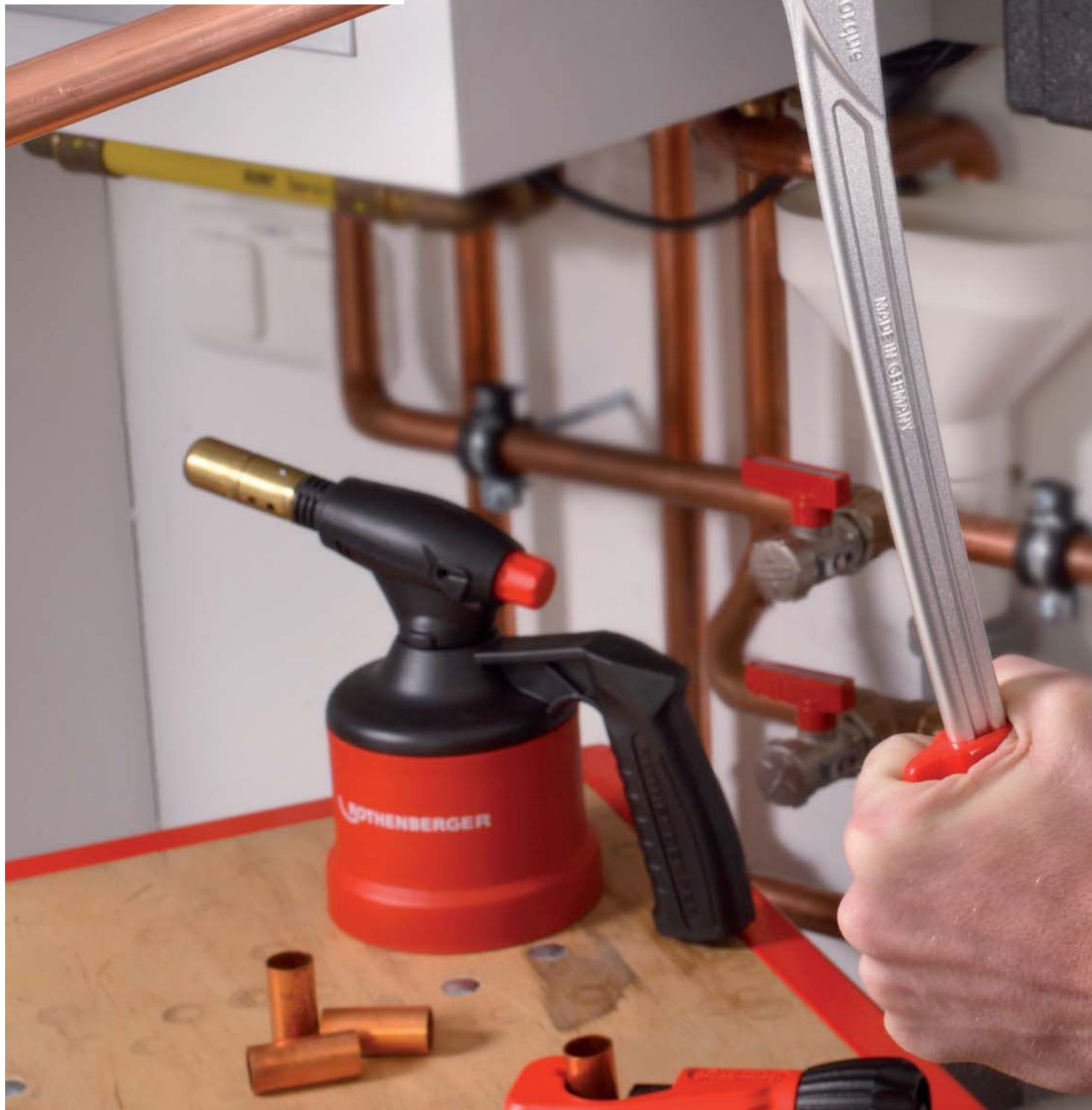
ROBEND® 3000/4000			at 45°		at 90°		at 180°	
for Ø mm / inch	Pipe	Bending radius R (mm)	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm	Reserve length L _R mm	Minimum length L _M mm
12		42.0	16	-	42	24	42	68
14	wated	52.5	21	-	53	30	53	87
15		52.5	21	-	53	30	53	87
17	wated	72.0	28	-	72	41	72	107
18		72.0	28	-	72	41	72	107
20	wated	88.5	35	-	89	51	89	121
22		88.0	35	-	88	50	88	119
24	wated	112.0	43	-	110	62	110	144
28		112.0	44	-	112	64	112	148
30	wated	112.0	45	-	114	66	114	152
3/8"	steel	80.0	31	-	80	46	80	103
1/2"	copper	45.0	18	-	45	26	45	74
1/2"	steel	88.0	35	-	88	50	88	119
5/8"	copper	56.0	23	-	56	32	56	93
3/4"	steel	112.0	43	-	112	64	112	148
3/4"	copper	80.0	31	-	80	46	80	103
7/8"	copper	88.0	35	-	88	50	88	119
1"	copper	112.0	44	-	112	64	112	148
1.1/8"	copper	112.0	45	-	114	66	114	152

*All sizes listed are standards and are dependant on the material and the wall thickness. Bending specific sizes based on the bending radius - tabular value

ONE
of
6.000

**Premium tools for
professionals!**

4





Expanding, Extracting, Flaring

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Expanding, Extracting, Flaring

System Overview

Expander

**ROCAM® Expander
Power Torque**



**ROLOCK Expander
Power Torque**



Expander A0



Step Expander A1



Operation mode:	Manual	Manual	Manual	Manual
Working range: Copper	Ø 8-42 mm (5/16-1.3/4") •⊖ 1,6 mm, soft, semi-hard	Ø 8-42 mm (5/16-1.3/4") •⊖ 1,6 mm, soft, semi-hard	Ø 22-67 mm (1-2.1/2") •⊖ 2,5 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") •⊖ 2,5 mm, soft
Working range: Aluminium	Ø 8-28 mm (5/16-1.1/8") •⊖ 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") •⊖ 1,6 mm, soft	Ø 22-67 mm (1-2.1/2") •⊖ 2,5 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") •⊖ 2,5 mm, soft
Working range: Precision steel	Ø 8-28 mm (5/16-1.1/8") •⊖ 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") •⊖ 1,6 mm, soft	Ø 22-54 mm (1-2.1/8") •⊖ 1,5 mm, soft	—
Working range: Stainless steel	Ø 8-22 mm (5/16-7/8") •⊖ 1 mm, soft	Ø 8-22 mm (5/16-7/8") •⊖ 1 mm, soft	Ø 22-54 mm (1-2.1/8") •⊖ 1,5 mm, soft	—

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**ROMAX® Expander
AC ECO MAXI**



**ROMAX® Expander
Compact**



H 600



Operation mode:	Hydraulic	Hydraulic	Hydraulic
Working range: Copper	Ø 35-108 mm (1.3/8-4.1/8") •⊖ 2,5 mm, soft, semi-hard	Ø 8-67 mm (5/16-2.1/2") •⊖ 2,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") •⊖ 3 mm, soft, semi-hard
Working range: Aluminium	Ø 35-108 mm (1.3/8-4.1/8") •⊖ 2,5 mm, soft	Ø 8-67 mm (5/16-2.1/2") •⊖ 2,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") •⊖ 3 mm, soft, semi-hard
Working range: Precision steel	—	Ø 8-67 mm (5/16-2.1/2") •⊖ 1,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") •⊖ 3 mm, soft, semi-hard
Working range: Stainless steel	—	Ø 8-15 mm •⊖ 1,0 mm, soft	Ø 8-110 mm (5/16-4.1/4") •⊖ 3 mm, soft, semi-hard

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Expanding, Extracting, Flaring

System Overview

Expander Heads

**Expander Head
Standard**



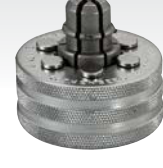
**Expander Head
ROLOCK**



**Expander Head
Type S**



**Riveted Expander
Head**



Working range: Copper	Ø 8-42 mm (5/16-1.3/4") •Ø 1,6 mm, soft, smi-hard	Ø 8-42 mm (5/16-1.3/4") •Ø 1,6 mm, soft, semi-hard	Ø 22-67 mm (1-2.1/2") •Ø 2,5 mm, soft, semi-hard	Ø 15-38 mm •Ø 1,5 mm, soft, semi-hard
Working range: Aluminium	Ø 8-28 mm (5/16-1.1/8") •Ø 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") •Ø 1,6 mm, soft	Ø 22-67 mm (1-2.1/2") •Ø 2,5 mm, soft	Ø 15-28 mm •Ø 1,5 mm, soft
Working range: Precision steel	Ø 8-28 mm (5/16-1.1/8") •Ø 1,6 mm, soft	Ø 8-28 mm (5/16-1.1/8") •Ø 1,6 mm, soft	Ø 22-54 mm (1-2.1/8") •Ø 1,5 mm, soft	Ø 15-28 mm •Ø 1,5 mm, soft
Working range: Stainless steel	Ø 8-22 mm (5/16-7/8") •Ø 1 mm, soft	Ø 8-22 mm (5/16-7/8") •Ø 1 mm, soft	Ø 22-54 mm (1-2.1/8") •Ø 1,5 mm, soft	Ø 15-22 mm •Ø 1,0 mm, soft

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**Expander Head H2,
Type 2**



**Expander Head H2,
Type 3**



Step Expander Head



Working range: Copper	Ø 28-70 mm (1.1/8-2.3/4") •Ø 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") •Ø 3,0 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") •Ø 2,5 mm, soft, semi-hard
Working range: Aluminium	Ø 28-70 mm (1.1/8-2.3/4") •Ø 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") •Ø 3,0 mm, soft, semi-hard	Ø 35-108 mm (1.3/8-4.1/8") •Ø 2,5 mm, soft
Working range: Precision steel	Ø 28-70 mm (1.1/8-2.3/4") •Ø 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") •Ø 3,0 mm, soft, semi-hard	—
Working range: Stainless steel	Ø 28-70 mm (1.1/8-2.3/4") •Ø 2,5 mm, soft, semi-hard	Ø 70-110 mm (2.3/4-4.1/4") •Ø 3,0 mm, soft, semi-hard	—

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Expanding, Extracting, Flaring

Expanding manual

ROCAM® EXPANDER Power Torque

For expanding, reducing and calibrating soft and semi-hard pipes Ø 8 - 42 mm (5/16 - 1.3/4"), as well as producing tapers



Product Profile	
APPLICATION AREA	
For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems	
Suitable for pipes made of:	
Copper (soft and semi-hard):	Ø 8 - 42 mm, 5/16 - 1.3/4" max. wall thickness 1.6 mm
Aluminium (soft):	Ø 8 - 28 mm, 5/16 - 1.1/8" max. wall thickness 1.6 mm
Precision steel (soft):	Ø 8 - 28 mm, 5/16 - 1.1/8" max. wall thickness 1.6 mm
Stainless steel (soft):	Ø 8 - 22 mm, 5/16 - 7/8" max. wall thickness 1.0 mm

KEY FEATURES
<ul style="list-style-type: none"> • Eliminates the cost of purchase and storage of fittings • Converts deformed pipes into fittings; saves resources • 50% reduction of labour, soldering materials, joints and energy • Reliable pipe connection according to DVGW standards • Tough, light and wear-resistant • Fine adjustment of the capillary gap • EPT® – concealed bent lever

Made in Germany!
The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



ROCAM® EXPANDER Power Torque		kg	No.
Expander tool (without expander heads) for expander heads up to 42 mm / 1.3/4"	1	1.0	12400

ROCAM® EXPANDER Power Torque Sets

ROCAM® EXPANDER Power Torque Sets include: Expander heads, ROCAM® EXPANDER Power Torque (No. 12400), internal and external deburrer (No. 11006), in a steel carrying case (No. 24022), plastic inlay (No. 11002)

ROCAM® EXPANDER Power Torque Sets			
Model		kg	No.
12 - 15 - 18 - 22 mm	1	2,9	12300
10 - 12 - 15 - 18 - 22 mm	1	3,3	12302
12 - 15 - 18 - 22 - 28 mm	1	3,3	12303
10 - 12 - 16 - 18 - 22 mm	1	3,3	12304
10 - 12 - 16 - 22 - 28 mm	1	3,3	12305
12 - 14 - 16 - 18 - 22 mm	1	3,3	12309
12 - 14 - 16 - 18 - 22 - 28 mm	1	3,3	12310
10 - 12 - 14 - 16 - 18 - 22 mm	1	3,6	12311
3/8 - 1/2 - 5/8 - 3/4 - 1"	1	3,3	12317
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8"	1	3,6	12318
1/2 - 5/8 - 3/4 - 7/8"	1	2,9	12321
12 - 16 - 18 - 22 - 28 mm	1	3,2	12322
3/8 - 1/2 - 3/4 - 1"	1	3,2	12323
1/2 - 5/8 - 7/8 - 1.1/8"	1	3,0	12324
12 - 15 - 18 - 22 - 28 - 35 - 42 mm	1	4,2	12326
15 - 22 - 28 mm	1	2,9	12327
15 - 22 mm	1	2,5	12328
1/2 - 3/4 - 1"	1	2,9	12335
10 - 12 - 15 - 16 - 18 - 22 - 28 mm	1	3,6	12337
12 - 14 - 16 - 18 - 22 - 28 - 32 mm	1	3,7	12338
15 - 18 - 22 - 28 - 35 - 42 mm	1	4,0	12339

Quality protection against wear with the **TiN sealed pin drive**



EPT®-Technology (Enclosed Power Transmission)

The expander head offers the following technical benefits:

Concealed bent lever:

Protection against dirt and external mechanical damage

Energy efficient through optimised force transmission:

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



ROCAM® EXPANDER Power Torque Sets		kg	No.
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1.1/8"	1	3,7	12336
3/8 - 1/2 - 5/8 - 3/4" - 22 - 28 mm	1	3,6	12320
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8 - 1.3/8"	1	4,5	12341

For efficient, fitting-free installation of pipes



ROCAM® PE-X EXPANDER Power Torque

For expanding and calibrating PE-X and aluminium multi-layered composite pipe (MSR) up to Ø 42 mm or 1.3/4", as well as producing tapers

Expander heads coordinates with system pipes, for example the following systems: ROTEX, SCHELL, TECE / TECEflex, Vulkan-Lokring among others

Bezeichnung		kg	No.
ROCAM® EXPANDER PE-X ohne Expanderköpfe	1		12005



Article upon request*

* Feasibility, delivery times and price for custom pipe-Ø are available upon request

Expanding, Extracting, Flaring

Expanding manual

ROLOCK EXPANDER Power Torque

For expanding, reducing and calibrating soft and semi-hard pipes Ø 8 - 42 mm (5/16 - 1.3/4"), as well as producing tapers



Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper (soft and semi-hard): Ø 8 - 42 mm, 5/16 - 1.3/4" max. wall thickness 1.6 mm

Aluminium (soft): Ø 8 - 28 mm, 5/16 - 1.1/8" max. wall thickness 1.6 mm

Precision steel (soft): Ø 8 - 28 mm, 5/16 - 1.1/8" max. wall thickness 1.6 mm

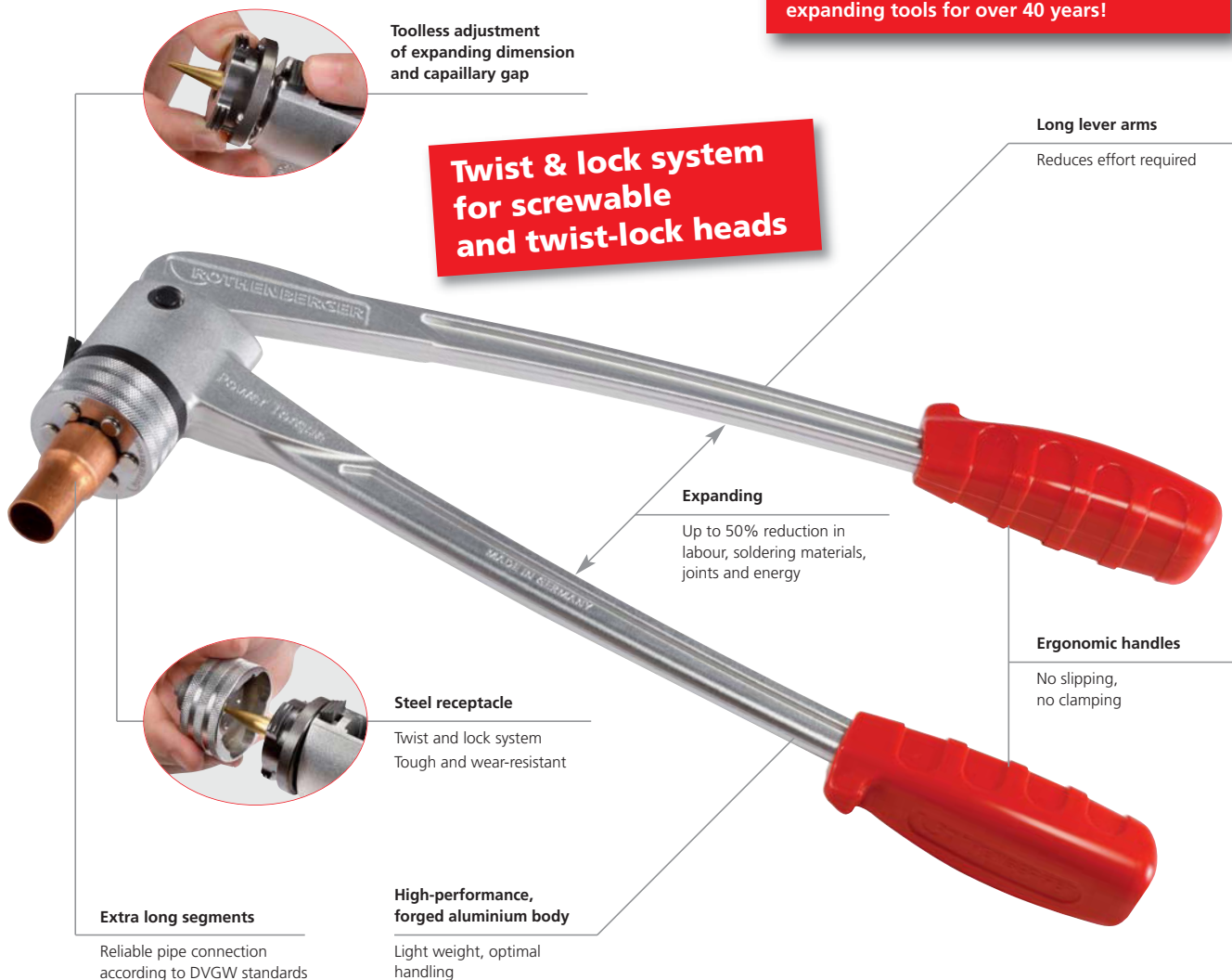
Stainless steel (soft): Ø 8 - 22 mm, 5/16 - 7/8" max. wall thickness 1.0 mm

KEY FEATURES

- Eliminates the cost of purchase and storage of fittings
- Converts deformed pipes into fittings; saves resources
- 50% reduction of labour, soldering materials, joints and energy
- Reliable pipe connection according to DVGW standards
- Tough, light and wear-resistant
- Fine adjustment of the capillary gap
- **EPT® – concealed bent lever**

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



ROLOCK EXPANDER Power Torque



No.

Expander tool (without expander heads) for expander heads up to 42 mm / 1.3/4"	1	1.0	12400
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ROLOCK EXPANDER Power Torque Sets

ROLOCK EXPANDER Power Torque Sets include: Expander heads, ROLOCK EXPANDER Power Torque (No. 12400), internal and external deburrer (No. 11006), in a steel carrying case (No. 24022), plastic inlay (No. 11002)



New expander head for guide change between nominal diameters



Expander heads with screw top applicable

ROLOCK EXPANDER Power Torque Sets

Description		kg	No.
12 - 15 - 18 - 22 mm	1	2.9	12500
12 - 15 - 18 - 22 - 28 mm	1	3.3	12503
10 - 12 - 16 - 22 - 28 mm	1	3.3	12505
12 - 14 - 16 - 18 - 22 mm	1	3.3	12509
10 - 12 - 14 - 16 - 18 - 22 mm	1	3.6	12511
10 - 12 - 15 - 16 - 18 - 22 - 28 mm	1	3.6	12537
12 - 14 - 16 - 18 - 22 - 28 - 32 mm	1	3.7	12538
3/8 - 1/2 - 5/8 - 3/4 - 1"	1	3.3	12517
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8"	1	3.6	12518
1/2 - 5/8 - 3/4 - 7/8"	1	2.9	12521
12 - 16 - 18 - 22 - 28 mm	1	3.2	12522
1/2 - 5/8 - 7/8 - 1.1/8"	1	3.0	12524
12 - 15 - 18 - 22 - 28 - 35 - 42 mm	1	4.2	12526
1/2 - 3/4 - 1"	1	2.9	12535
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1.1/8"	1	3.7	12536
3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1.1/8 - 1.3/8"	1	4.5	12541

EPT®-Technology (Enclosed Power Transmission)

The expander head offers the following technical benefits:

Concealed bent lever:

Protection against dirt and external mechanical damage

Energy efficient through optimised force transmission:

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



For efficient, fitting-free installation of pipes



ACCESSORIES



Description		Description	
Expander heads for ROLOCK EXPANDER Power Torque	84	Expander adaptor type S	87
Expander heads type S / riveted expander heads	87	Brazing solder	185 - 187
Pipe cutter	14 - 25	High-Performance torch (SUPER FIRE 3 with MAPP®-GAS)	152 - 153
Internal / External deburrer	33		

Expanding, Extracting, Flaring

Expanding manual

Standard Expander Head

For producing standard precision flares Ø 8 - 42 mm (5/16 - 1.3/4") according to DVGW standards; as well as the specifications for the Gas de France

Product Profile

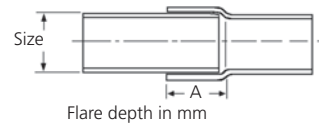
KEY FEATURES

- 50% reduction in labour, soldering materials and soldered joints
- Depth of the flare is consistent with DVGW standards
- Guide guarantees a perfect centred position and uniform capillary gap
- Tough and long lasting with the hardened segments

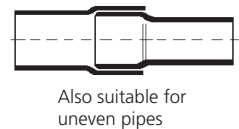
Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!

Expansion of pipe ends



Reduction



Fits similar expanders from other brands as well!

Specially hardened segments

Tough and long lasting

6 Rivets and guide channels

Guide guarantees a perfect centred position and uniform capillary gap

Step at the end of the segments

Enables re-calibration of irregular pipes and fittings

Extra long segments

Depth of the flare is consistent with DVGW standards



mm	Wall thickness mm (soft)				mm	A	No.
	Cu	Al	Fe	Inox		g	
8	1.0	1.0	1.0	1.0	6.0	120	11008
10	1.0	1.0	1.0	1.0	10.0	120	11010
12	1.2	1.2	1.2	1.0	12.6	120	11012
14	1.2	1.2	1.2	1.0	12.6	120	11014
15	1.2	1.2	1.2	1.0	15.5	120	11015
16	1.2	1.2	1.2	1.0	15.5	120	11016
18	1.2	1.2	1.2	1.0	17.5	120	11018
20	1.2	1.2	1.2	1.0	17.5	140	11020
22	1.2	1.5	1.5	1.0	20.5	140	11022
28	1.5	1.5	1.5	—	18.5	390	11028
32	1.5	—	—	—	19.5	410	11032
35	1.6	—	—	—	19.5	430	11035
38	1.6	—	—	—	19.5	450	11038
40	1.5	—	—	—	19.5	470	11040
42	1.5	—	—	—	19.5	470	11042

inch	Wall thickness mm (soft)				mm	A	No.
	Cu	Al	Fe	Inox		g	
5/16"	1.0	1.0	1.0	1.0	6.0	120	11008
3/8"	1.0	1.0	1.0	1.0	7.4	120	11052
1/2"	1.2	1.2	1.2	1.0	11.0	120	11053
5/8"	1.2	1.2	1.2	1.0	14.0	120	11054
3/4"	1.2	1.2	1.2	1.0	18.1	120	11055
7/8"	1.2	1.2	1.2	1.0	18.0	140	11056
1"	1.5	1.5	1.5	—	15.8	150	11057
1.1/8"	1.6	1.6	1.6	—	17.0	390	11058
1.1/4"	1.6	—	—	—	17.0	410	11059
1.3/8"	1.6	—	—	—	17.0	430	11035
1.1/2"	1.6	—	—	—	17.0	450	11038
1.5/8"	1.6	—	—	—	17.5	470	11062
1.3/4"	1.6	—	—	—	17.5	500	11063

Availability, delivery time and price of custom products for other pipe diameters available upon request

Suitable for ROTHENBERGER Expander



Model		Model	
ROCAM® EXPANDER Power Torque	80	Electro-Hydraulic Expander Pistol H 2	92
ROMAX® EXPANDER Compact	89 - 90	COMBI KIT Expander / Tee-Extractor	94
Electro-Hydraulic Expander Pistol H 1	92		

ROLOCK Expander Head

For producing standard precision flares Ø 8 - 42 mm (5/16 - 1.3/4") according to DVGW standards; as well as the specifications for the Gas de France

Product Profile

KEY FEATURES

- 50% reduction in labour, soldering materials and soldered joints
- Depth of the flare is consistent with DVGW standards
- Guide guarantees a perfect centred position and uniform capillary gap
- Tough and long lasting with the hardened segments

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!

Expansion of pipe ends

Reduction



Twist & lock heads for ROLOCK EXPANDER Power Torque

Specially hardened segments

Tough and long lasting

6 Rivets and guide channels

Guide guarantees a perfect centred position and uniform capillary gap

Step at the end of the segments

Enables re-calibration of irregular pipes and fittings



Extra long segments

Depth of the flare is consistent with DVGW standards

mm	Wall thickness mm (soft)				mm	A	No.
	Cu	Al	Fe	Inox		g	
8	1.0	1.0	1.0	1.0	6.0	120	12408
10	1.0	1.0	1.0	1.0	10.0	120	12410
12	1.2	1.2	1.2	1.0	12.6	120	12412
14	1.2	1.2	1.2	1.0	12.6	120	12414
15	1.2	1.2	1.2	1.0	15.5	120	12415
16	1.2	1.2	1.2	1.0	15.5	120	12416
18	1.2	1.2	1.2	1.0	17.5	120	12418
20	1.2	1.2	1.2	1.0	17.5	140	12420
22	1.2	1.5	1.5	1.0	20.5	140	12422
28	1.5	1.5	1.5	—	18.5	390	12428
32	1.5	—	—	—	19.5	410	12432
35	1.6	—	—	—	19.5	430	12435
38	1.6	—	—	—	19.5	450	12438
40	1.5	—	—	—	19.5	470	12440
42	1.5	—	—	—	19.5	470	12442

inch	Wall thickness mm (soft)				mm	A	No.
	Cu	Al	Fe	Inox		g	
5/16"	1.0	1.0	1.0	1.0	6.0	120	12408
3/8"	1.0	1.0	1.0	1.0	7.4	120	12452
1/2"	1.2	1.2	1.2	1.0	11.0	120	12453
5/8"	1.2	1.2	1.2	1.0	14.0	120	12454
3/4"	1.2	1.2	1.2	1.0	18.1	120	12455
7/8"	1.2	1.2	1.2	1.0	18.0	140	12456
1"	1.5	1.5	1.5	—	15.8	150	12457
1.1/8"	1.6	1.6	1.6	—	17.0	390	12458
1.1/4"	1.6	—	—	—	17.0	410	12459
1.3/8"	1.6	—	—	—	17.0	430	12435
1.1/2"	1.6	—	—	—	17.0	450	12438
1.5/8"	1.6	—	—	—	17.5	470	12462
1.3/4"	1.6	—	—	—	17.5	500	12463

Availability, delivery time and price of custom products for other pipe diameters available upon request

Suitable for ROTHENBERGER ROLOCK EXPANDER Power Torque

Model		Model	
ROLOCK EXPANDER Power Torque	82	COMBI KIT Expander / Tee-Extractor	94

Expanding, Extracting, Flaring

Expanding manual

EXPANDER A0

For expanding, reducing and calibrating thick walled pipes Ø 22 - 67 mm (1 - 2.1/2") as well as the production of tapers

Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper and Aluminium: Ø 22 - 67 mm, 1 - 2.1/2"
max. wall thickness 2.5 mm
Precision steel (soft): Ø 22 - 54 mm, 1 - 2.1/8"
max. wall thickness 1.5 mm
and Stainless steel per DVGW-GW541

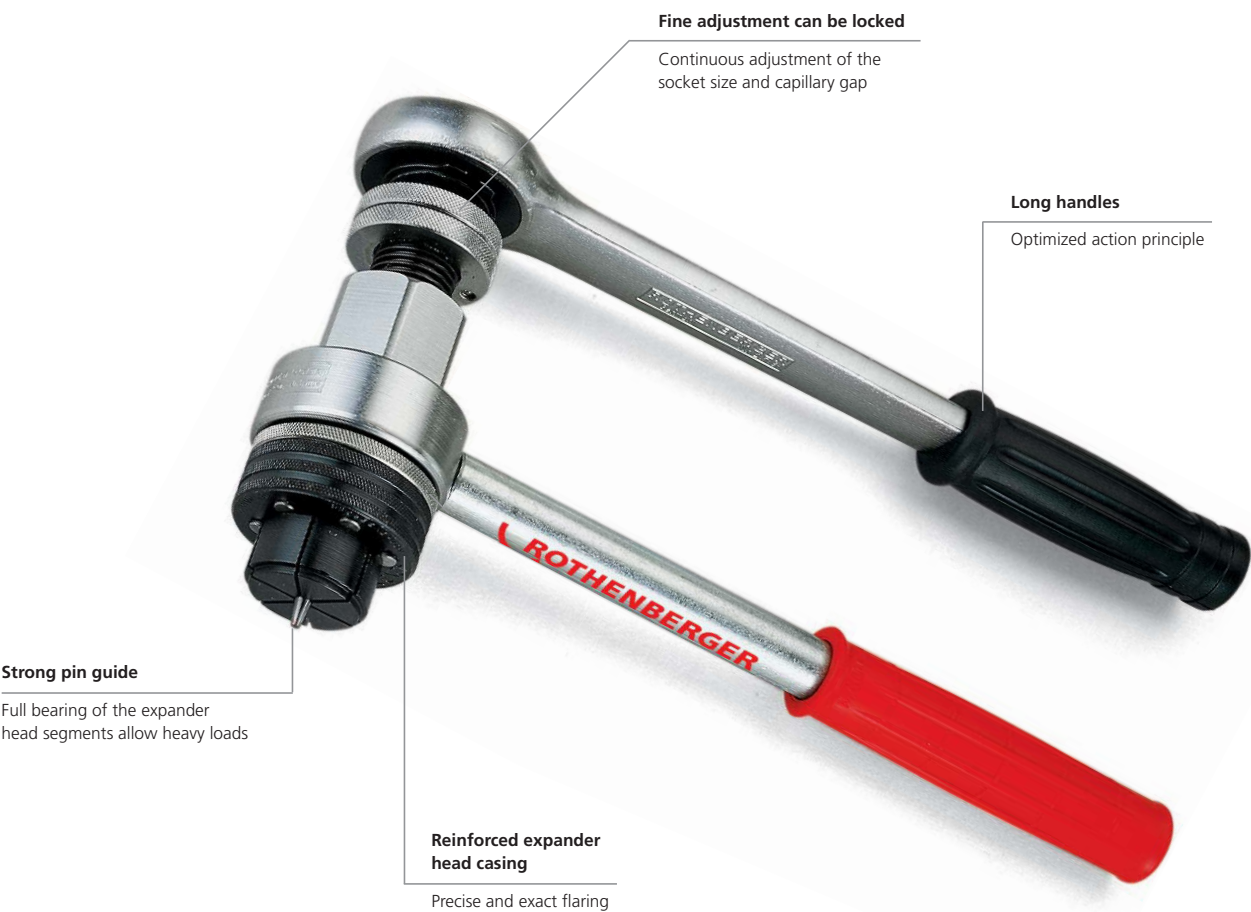
Functional Elements:

Expander A0 with a tightly guided and reinforced, long expander head, matches to the expander head Type S!

KEY FEATURES

- Application and savings advantages similar to ROCAM® EXPANDER power torque
- Precise and exact flaring
- Full bearing of the expander head segments allows heavy loads
- Continuous adjustment of the socket size and capillary gap
- Optimized action principle with long handles

4



EXPANDER A0 sets (No. 11400) include: Expander head Type S, special ratchet (No. 27181), in steel case (No. 27210)
EXPANDER A0 Basic Unit (No. 11004) scope of delivery: Square drive mechanism 3/4" with handle, without expander head and ratchet

Model	Size	kg	No.
EXPANDER A0 set	35 - 42 - 54 - 64 mm	8.12	11400
EXPANDER A0 basic unit		1.97	11004



Fig. EXPANDER A0 Set

Expander Head Type S

For the precise expansion of normal and thick walled pipes Ø 22 - 67 mm (1 - 2.1/2") and 2.5 mm wall thickness



Accurate guidance of the segments through the reinforced expander head casing

mm	max. Wall thickness mm				A - size mm	g	No.
	Cu	Al	Fe	Inox			
22	2,0	2,0	1,5	1,5	18,5	350	11323
25	2,0	2,0	1,5	1,5	18,5	350	11325
28	2,0	2,0	1,5	1,5	19,5	360	11328
32	2,0	2,0	1,5	1,5	19,5	380	11332
35	2,0	2,0	1,5	1,5	19,5	400	11335
36	2,0	2,0	1,5	1,5	19,5	400	11336
42	2,0	2,0	1,5	1,5	19,5	450	11342
54	2,5	2,5	1,5	1,5	19,5	570	11346
64	2,5	2,5	–	–	19,5	690	11348
67	2,5	2,5	–	–	19,5	730	11380

inch	max. Wall thickness mm				A - size mm	g	No.
	Cu	Al	Fe	Inox			
1"	2,0	2,0	1,5	1,5	18,5	350	11376
1.1/8"	2,0	2,0	1,5	1,5	19,5	360	11358
1.1/4"	2,0	2,0	1,5	1,5	19,5	380	11332
1.3/8"	2,0	2,0	1,5	1,5	19,5	400	11335
1.5/8"	2,0	2,0	1,5	1,5	19,5	450	11362
2"	2,0	2,0	1,5	1,5	17,0	540	11364
2.1/8"	2,5	2,5	1,5	1,5	17,0	570	11346
2.1/2"	2,5	2,5	–	–	17,0	690	11348

Availability, delivery time and price of custom products for other pipe diameters available on request

Expander-Adapter Type S

To increase the application area of the ROCAM® / ROLOCK EXPANDER Power Torque, ROMAX® EXPANDER Compact Standard and Expander Pistol H1



Allows the use of the expander heads Type S with copper pipe (soft) up to 67 mm and/or 2.1/2"!

Model	max.	max. mm	g	No.
Adaptor Type S, without expander head	67 mm - 2.1/2"	2.0	630	11007

Flanged Riveted Expander Heads

For use with the ROCAM® / ROLOCK EXPANDER Power Torque, ROMAX® EXPANDER Compact Standard and Expander Pistol H1



Product Profile

KEY FEATURES

For producing exact hose connections, for example vibrating power units in

- Air-conditioning technology
- Auto manufacturing
- Industrial applications

mm	mm	outer dia. - Flange mm	Distance Flange pipe end mm	g	No.
15	1,5	18	4	110	11955
18	1,5	21	4	110	11958
22	1,5	25	6	120	11962
28	1,5	31	6	370	11968
35	1,5	38	6	400	11975
38	1,5	41	6	430	11978

Availability, delivery time and price of custom products for other pipe diameters available on request

Expanding, Extracting, Flaring

Expanding electric

STEP Expander A1

For expanding, reducing and calibrating thick walled pipes, Ø 35 – 108 mm (1.3/8 - 4.1/8"), as well as the production of tapers

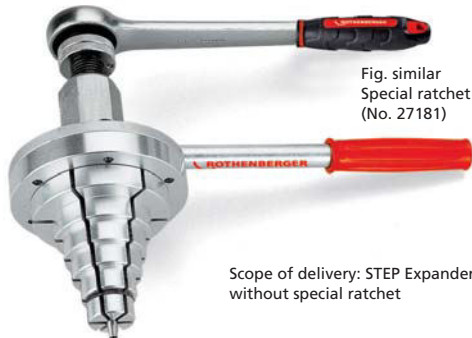


Fig. similar
Special ratchet
(No. 27181)

Scope of delivery: STEP Expander with handle,
without special ratchet

Size	kg	No.
42 - 54 - 64 - 76,1 - 88,9 - 108 mm	4,2	11086
35 - 42 - 54 - 64 - 76 - 108 mm	3,9	11087
35 - 42 - 54 - 67 - 80 - 104 mm	3,9	11089
1.3/8 - 1.5/8 - 2.1/8 - 2.5/8 - 3.1/8 - 4.1/8"	4,2	11078
1.1/4 - 4"	3,8	11093

Availability, delivery time and price of custom products for other pipe diameters available on request

Product Profile

APPLICATION AREA

For efficient, fitting-free installation of pipes in sanitary, heating, gas, refrigeration and air-conditioning systems

Suitable for pipes made of:

Copper and aluminium: Ø 35 - 108 mm, 1.3/8 - 4.1/8"
(soft) max. wall thickness 2.5 mm

KEY FEATURES

- Affordable alternative when laying larger pipe dimensions with a considerable saving of soldering materials
- Expand without changing tools with the 6 size step Expander
- Full bearing of the expander head segments allows heavy loads
- Optimum adjustment of the socket size and capillary gap with the positive fine adjustment
- Optimised force transmission with the trapezoidal screw thread with self-lubricating bronze socket
- Guide guarantees a perfect centred position and uniform capillary gap with 6 rivets and guiding ridge

ROMAX® EXPANDER AC ECO MAXI

Electro-hydraulic expander with constant axial thrust, 230 Volt connection. For expanding and calibrating pipes up to Ø 108 mm (4.1/8"), as well as producing reductions



Made in Germany

Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper (soft, semi-soft) Ø 35 - 108 mm (1.3/8" - 4.1/8")
Aluminium: max. wall thickness 2.5 mm

KEY FEATURES

- Optimally suited for batch production and large building sites
- Constant thrust with CFT®
- User safety with the easy to reach emergency stop switch

KEY FEATURES

- Long service life and high functional safety
- The expansion / calibration takes place after pressing and holding the switch
- Large working radius with the 5 m long cable

TECHNICAL DATA

Weight: ca. 13.7 kg
Motor: 230 V / 50 Hz

Balanced weight distribution

Secure hold in every working position,
ideal for one-handed use

Emergency stop switch

High user safety due to the interruption of the feed and the discharge of the expander head

Fully automatic expanding process

6-fold step expander

Expands without changing tools from
35 up to 108 mm (1.3/8 - 4.1/8")

2. Switch directly within reach

Various holding positions possible, even
in confined spaces (over head)

Article available upon request*!



CFT®
(Constant Force Technology)

For a constant axial thrust

*Availability, delivery time and price of custom products for other pipe diameters available on request

Expanding, Extracting, Flaring

Expanding electric

ROMAX® EXPANDER Compact

Compact, electro-hydraulic expander with a constant axial thrust of 19 kN and 12 Volt battery for portable operation, for expanding, reducing and calibrating pipes up to Ø 67 mm (2.1/2")



Made in Germany!

Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper, aluminium (soft): max. Ø 67 mm and/or 2.1/2"
max. wall thickness 2 mm

Aluminium and Precision steel (soft): max. Ø 67 mm or 2.1/2"
max. wall thickness 1 mm

Stainless steel: max. Ø 15 mm
max. wall thickness 1 mm

KEY FEATURES

- Portable operation with the battery and AC adaptor (accessories)
- Increases the operating life of the expander head
- Constant axial thrust with CFT®

KEY FEATURES

- Accurate adjustment of the capillary gap
- Specially matched for expander heads Type Standard, Type S or PE-X for excellent expansion results
- User safety with the easy to reach emergency switch
- Reliable hold in any position

TECHNICAL DATA

Dimensions: only 370 x 70 x 90 mm

Weight: approx. 2.6 kg

Power supply: Li-ion battery 14.4 V / 2.6 Ah
Mains adaptor 230 V / 50-60 Hz
110 V on request

Working temperature: -10° up to +60° C

**Aluminium and precision steel (soft)
up to max. 1 mm wall thickness!**



CFT® (Constant Force Technology)
for a constant axial thrust

Expansion up to Ø 67 mm (copper)
on Ø 15 mm (stainless steel)

Internal piston block

Increases the operating life of the expander head, only the actual power needed is conveyed to the expander head



Li-ion technology

Up to 100% more expansions*

Toolless KSO adjustment possible

Accurate adjustment of the capillary gap

Matched pin for each type of expander head

Specially matched for the Expander heads, Type Standard, Type S or PE-X for excellent expansion results

Balanced weight distribution

Reliable hold in any position, ideal for one-handed operation

Emergency stop switch

High user safety with the immediate halt of the feed and reduction of the expander head load

Battery operation

Portable operation with battery and AC adaptor (accessories)

High savings potential

- Efficient, fitting-free installation of pipes in sanitary, heating, gas, refrigeration and air-conditioning systems
- Eliminates the cost of purchase and storage of fittings
- 50% reduction of soldering materials and energy

All-round application

- Expander head receiver is compatible with ROTHENBERGER expander heads
- Choice between the expander head standard, Type S or PE-X

* in comparison to ROTHENBERGER NiMH battery

Expanding, Extracting, Flaring

Expanding electric

ROMAX® EXPANDER Compact Basic Sets

5-part Basic Set I includes: ROMAX® EXPANDER Compact (No. 015714P), 1 Li-Ion- battery 14,4 V / 2,6 Ah (No. 15418), quick charger (No. 15017), Graphit grease (No. 26498), plastic carrying case (No. 015016L) without expander heads



All ROMAX® EXPANDER Compact with a Li-ion battery!

DUAL-POWER 14.4 or 230 Volt!

4

5 m cable length!

Large working radius



Fig. Power supply unit 230 V (accessory) with 5 m long cable (No. 15037)



Fig. Similar, ROMAX® EXPANDER Set Basic

Universal adaptor for
ROTHENBERGER Expander Heads



Compatible with
ROTHENBERGER Expander Heads



Workbench function
with the stable surface support



Emergency stop switch



Description	Description			No.
ROMAX® Expander Compact Basic Set I	expander heads standard	1	1.11	15714
ROMAX® Expander Compact Basic Set II	expander heads type S	1	1.11	15715
ROMAX® Expander Compact Basic Set III	expander heads type PE-X	1	1.11	15716
Expander heads / PE-X expander heads see 89				

ACCESSORIES



Description	No.	Description		No.
ROMAX® EXPANDER Compact replacement battery	15418	Internal / External deburrer	27	
ROMAX® EXPANDER Compact charger 230 V	15017	Brazing (SUPER FIRE 3 mit MAPP®-GAS)	138 - 139	
ROMAX® EXPANDER Compact power supply	15037	Brazing solder	169 - 171	
Pipecutter	15016	Plastic case with formed inlay		015016L

Expanding, Extracting, Flaring

Expanding hydraulic

Hydraulic Expander System H 600

For expanding, reducing and calibrating normal and thick walled pipes in batch production, as well as the production of tapers

Made in Germany!



Product Profile

APPLICATION AREA

Suitable for normal and thick walled pipes made of:

Copper and aluminium: Ø 8 - 110 mm, 5/16 - 4.1/4" max. wall thickness 3.0 mm

Precision and stainless steel: Ø 8 - 110 mm, 5/16 - 4.1/4" max. wall thickness 3.0 mm

KEY FEATURES

- Individual modular design
- Industrial quality expansions
- Proper and efficient handling of material

TECHNICAL DATA

Rated power:	1.2 kW
Rated current:	2.1 A
Operating pressure:	80 - 600 bar
Max. operating pressure:	700 bar
Delivery capacity:	0.82 l / min
Safety category:	IP 54
Actuation:	400 V / 1200 W

4



Scope of delivery (No. 13100) includes: Electro-Hydraulic Expander System H 600 complete with hydraulic unit H 600 (No. 13002), expander pistol H 1 (No. 12001), control cable, hydraulic hose 2.5 m with circuit points, adjusting tool, tool rack (No. 13023), safety foot pedal and hydraulic oil 1 l (No. 58185). (Without expander heads)

Scope of delivery (No. 13002) includes: Electro-hydraulic unit H 600 with safety foot pedal, adjusting tool, tool rack (No. 13023), and hydraulic oil 1 l (No. 58185). (Without expander heads)

Model	kg	No.
Hydraulic System complete, without heads	36.0	13100
Hydraulic Tool H 600	33.1	13002
Foot pedal H 600 with 3 m cable	0.5	12013

Expanding, Extracting, Flaring

Expanding hydraulic

Electro-Hydraulic Expander Pistol H1

Product Profile

APPLICATION AREA

Expander heads Standard: Ø 8 - 42 mm, 5/16 - 1.3/4"
up to 1.6 mm wall thickness

**Expander heads Type S
(with adaptor No. 11007)** Ø 22 - 67 mm, 1 - 2.1/2"
up to 2.5 mm wall thickness

Scope of delivery: 2.5 m control cable (No. F88928), hydraulic hose (No. 12023),
Adjusting tool (No. 12017), hydraulic oil 1 l (No. 58185)

Model	kg	No.
Electro-Hydraulic Expander Pistol H 1	2.9	12001
S-Head adaptor for H 1	0.6	11007
Adjusting tool for H 1	0.9	12017



Expander Pistol H
(No. 12001)

Adaptor (No. 11007)

Electro-Hydraulic Expander Pistol H2

For use with Electro-Hydraulic Unit H 600

Product Profile

APPLICATION AREA

**Expander heads Type S:
with adaptor (No. 12097)** Ø 22 - 67 mm, 1 - 2.1/2"
up to 2.5 mm wall thickness

**Expander heads H 2:
Type 2** Ø 28 - 70 mm, 1.1/8 - 2.3/4"
up to 2.5 mm wall thickness

**Expander heads H 2:
Type 3** Ø 70 - 110 mm, 2.3/4 - 4.1/4"
up to 3.0 mm wall thickness

Scope of delivery: Electro-Hydraulic Expander Pistol, 2.5 m control cable, hydraulic
hose with quick coupling for H 600 and adjusting tool (without expander heads)

Model	kg	No.
Electro-Hydraulic Expander Pistol H 2	7.5	12002
Expander heads H2/Type 2, 28 - 70 mm	2.5	12078
Expander heads H2/Type 3, 70 - 110 mm	3.0	12080
S-head adaptor for H 2	1.1	12097
Adjusting tool for H2	0.9	12018



Expander Pistol H 2
(No. 12002) Fig. Similar

Adaptor
(No. 12097)

Adjusting tool
(No. 12018)



H 2 / Type 3

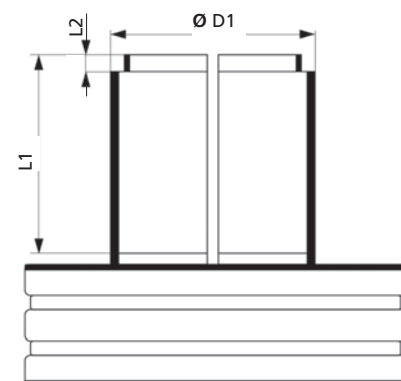
H 2 / Type 2

Custom-Made Products* Riveted Expander Heads H2

Only one head necessary for every pipe diameter.

**When ordering, please fill out form and state
the applicable dimensions L1 / L2 / D1**

*** Availability, delivery time and
price available on request!**



Examples of a custom order

Expanding, Extracting, Flaring

Accessories Expanding

Expander-Adaptor Type S

To increase the application area of the ROCAM® EXPANDER Power Torque, Expander Pistol H1/H2, EXPANDER A0/A1 and ROMAX EXPANDER Compact



No. 11007 Expander adaptor for ROCAM® EXPANDER Power Torque or Expander Pistol H1



No. 12097 Expander adaptor for Expander Pistol H2

Allows the use of the expander heads Type S with copper pipe (soft) up to 67 mm and/or 2.1/2"!

Model	max.	max. mm	kg	No.
Adaptor Type S, without expander heads	67 mm and/or 2.1/2"	2,0	0.6	11007
Adaptor Type S, without expander heads	67 mm and/or 2.1/2"	2,5	1.1	12097

	Expander Head ROLOCK	Expander Head Standard	Expander Head Type S	Riveted Expander Head	Expander Head PE-X	Expander Head H2, Type 2 & 3	Stepped Expander Head
ROLOCK EXPANDER Power Torque							
ROCAM® EXPANDER Power Torque					No. 12005		
EXPANDER A0							
EXPANDER A1							
ROMAX® EXPANDER Compact		No. 15714	No. 15714 No. 15715	No. 15714	No. 15716		
ROMAX® EXPANDER AC ECO MAXI							
Expander Pistol H1							
Expander Pistol H2							

Expander head without adaptor can be used

Expander head can not be used

Fig.: Can be used with the appropriate adaptor (pictured)

Expanding, Extracting, Flaring

Expanding & Extracting Manual

COMBI KIT Expander / Tee-Extractor

Practical, compact and cost-saving set combinations with with ROCAM and ROLOCK EXPANDER Power Torque and Tee-Extractors. For all common pipe dimensions Ø 12 - 28 mm (1/2 - 1.1/8")

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



Product Profile

APPLICATION AREA

Suitable for pipes made of copper, aluminium and steel (soft): Ø 12 - 28 mm and 1/2 - 1.1/8"

KEY FEATURES

- Increases safety by reducing the number of connections
- Suitable for making branches even in confined spaces through the compact design

KEY FEATURES

- Fine adjustment of the capillary gap using the KSO-screw
- Reduces effort required and increases work space
- Up to 67% reduction of soldering materials and soldered joints
- Accurate drilling
- Saves resources by converting scrap pipes into fittings
- Reliable pipe connections to DVGW standards



EPT®-Technology

Concealed bent lever

Largest possible expansion size and capillary gap using the adjustable KSO-screw



Professional Extractions

Up to 67% reduction of soldering materials and soldered joints

Long handles

Reduces effort required and increases work space

Utilisation of material

Saves resources by converting scrap pipes into fittings

UNIDRILL® Automatic 28 / 42

Accurate drilling

No. 21583 /
No. 21575

Scale and cam depth adjustment

Extractor Cam Pincer

Limits insertion depth for Ø 12 - 42 mm (1/2 - 1.5/8")

No. 22080



COMBI KIT Set includes: ROCAM® EXPANDER Power Torque (No. 12000), Standard expander heads, tee-extractor, special ratchet (No. 22081), UNIDRILL® Automatic 28 (No. 21583), extractor cam pincer (No. 22080), steel carrying case (No. 24022)

COMBI KIT Set includes: ROLOCK EXPANDER Power Torque (No. 12400), ROLOCK expander heads, tee-extractor, special ratchet (No. 22081), UNIDRILL® Automatic 28 (No. 21583), extractor cam pincer (No. 22080), steel carrying case (No. 24022)

Model	Description	kg		No.
COMBI KIT	12 - 15 - 18 - 22 mm	4.4	1	011180X
COMBI KIT	12 - 14 - 16 - 18 mm	2.6	1	011186X
COMBI KIT	1/2 - 5/8 - 7/8 - 1.1/8"	2.8	1	011194X

Model	Description	kg		No.
ROLOCK COMBI KIT	12 - 15 - 18 - 22 mm	4.4	1	12601
ROLOCK COMBI KIT	12 - 14 - 16 - 18 mm	2.6	1	12602
ROLOCK COMBI KIT	1/2 - 5/8 - 7/8 - 1.1/8"	2.8	1	12604
ROLOCK COMBI KIT	1/2 - 3/4 - 1	2.5	1	12605

Expanding, Extracting, Flaring

Extracting Manual

Tee-Extractor Sets

For efficient production of T-branches (extractions) for fitting-free pipe installations, Ø 12 - 42 mm (3/8 - 2.1/8")

Product Profile

APPLICATION AREA

Suitable for pipes made of:

Copper (soft, semi-, hard): 12 - 42 mm, 3/8 - 2.1/8"
max. wall thickness 2.5 mm

Aluminium: 12 - 42 mm, 3/8 - 2.1/8"
max. wall thickness 2.5 mm

Precision steel: 12 - 42 mm, 3/8 - 2.1/8"
max. wall thickness 2.5 mm

Made in Germany!

The know-how from the pioneer of expanding technology and the leading manufacturer of expanding tools for over 40 years!



KEY FEATURES

- Eliminates the cost for T-pieces, purchase and storage of fittings
- Extractions even on installed pipes possible
- Accurate drilling
- Optimal positioning with the cam pincher depth adjustment

Scale and cam depth adjustment



Tee-Extractor sets include: Tee-Extractor according to chart, special ratchet (No. 22081), cam pincer (No. 22080) and special conical drill, UNIDRILL® Automatic 42 (No. 21575), in steel carrying case (No. 24022)

Model	Description	kg		No.
Tee-Extractor set 12 - 15 - 18 - 22 mm		3.4	1	22100
Tee-Extractor set 12 - 15 - 22 - 28 mm		3.6	1	22101
Tee-Extractor set 12 - 15 - 18 - 22 - 28 mm		3.9	1	22103
Tee-Extractor set 10 - 12 - 15 - 18 - 22 mm		3.5	1	22102
Tee-Extractor set 12 - 14 - 16 - 18 - 22 mm		3.6	1	22109
Tee-Extractor set 10 - 12 - 14 - 16 - 18 - 22 mm		3.7	1	22111
Tee-Extractor set 12 - 15 - 18 - 22 - 28 - 35 - 42 mm		5.5	1	22126
Tee-Extractor set 15 - 22 - 28 mm		3.6	1	22127
Tee-Extractor set 1/2 - 5/8 - 3/4 - 7/8"		3.4	1	22121
Tee-Extractor set 1/2 - 5/8 - 7/8 - 1.1/8"		3.7	1	22124
Tee-Extractor set 1/2 - 3/4 - 1"		3.3	1	22135

Expanding, Extracting, Flaring

Extracting Manual

Tee-Extractor

Tee-Extractor with double v-block for accurate 90° branches, Ø 10 - 54 mm (3/8 - 2.1/8")

Product Profile

KEY FEATURES

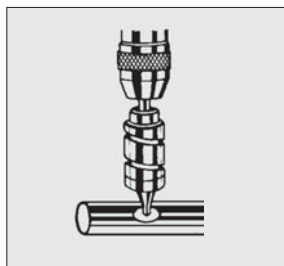
- Uniform and proper material extraction without scratches or burrs
- Burr-free operation with the specially polished extractor hooks
- Easy insertion into the drilled hole with the special trapezoidal screw thread
- Accurate and firm positioning for exact 90° branches

mm / inch	mm	Drill Ø mm	SW mm	g	No.
10	1.0	6	11	130	22010
12	1.0	7	11	150	22012
14	1.0	8	11	160	22014
15	1.0	8	11	160	22015
16	1.0	8	11	220	22016
18	2.0	10	11	220	22018
22	2.0	12	11	350	22022
28	2.5	15	11	470	22028
32	2.5	19	11	700	22032
35	2.5	22	11	700	22035
38	2.5	22	11	700	22038
42	2.5	26	11	890	22042
54	2.5	30	19	1380	22054
3/8"	1.0	6	11	110	22060
1/2"	1.0	7	11	140	22061
5/8"	1.0	8	11	220	22016
3/4"	2.0	10	11	220	22062
7/8"	2.0	12	11	350	22063

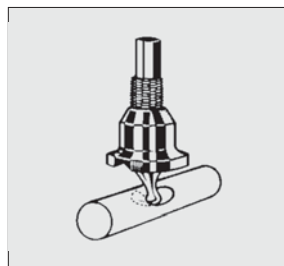
Hexagon Square

mm	g	No.	inch	g	No.
10	60	22210	3/8"	60	22260
12	70	22212	1/2"	70	22261
14	90	22214	5/8"	140	22216
15	90	22215	3/4"	140	22263
16	140	22216	7/8"	200	22264
18	140	22218	1"	210	22265
22	210	22222	1.1/8"	220	22266
28	220	22228	1.1/4"	270	22267
35	290	22235	1.3/8"	290	22235
38	290	22268	1.1/2"	290	22268
42	320	22242	1.5/8"	320	22270
54	560	22254	2"	520	22246
			2.1/8"	560	22254

Precise drilling of the pipe without a centre punch – drill stop prevents perforation of the pipe



Insert extractor hook into the drilled hole and screw the bell firmly against the drill hole



Double V-block

Accurate and firm positioning for exact 90° branches



Specially polished, forged and tempered extractor hooks

Burr-free operation

Special hook design

Easy insertion into the drilled hole



Ratchet adaptor (No. F80053 and F80054) with No. 22050 / 22054 included in scope of delivery (square, 3/4")

mm / inch	mm	Drill-Ø mm	SW mm	g	No.
1"	2.5	14	11	470	22064
1.1/8"	2.5	15	11	480	22065
1.1/4"	2.5	19	11	700	22066
1.3/8"	2.5	22	11	700	22035
1.1/2"	2.5	22	11	700	22038
1.5/8"	2.5	26	11	900	22068
2"	2.5	30	19	1380	22050
2.1/8"	2.5	30	19	1380	22054

Accessories

Socket 19 mm

F80053

Square connection 3/4"

F80054

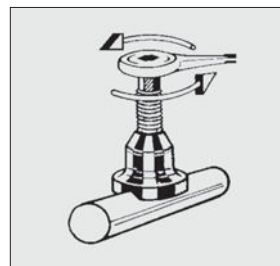
Spare Extractor Hooks

Forged hooks, specially polished, tempered from Ø 10 - 54 mm (3/8 - 2.1/8")

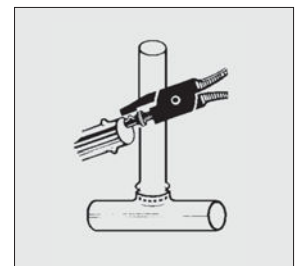


Note: For copper pipes (soft), the use of an extractor support is recommended! (93)

Using the ratchet, turn the extractor to the left, while paying attention that the v-block is seated securely



After extraction, set correct insertion depth (dependant on pipe Ø) with cam pincer



Simply calibrate the tee Ø on the UNIDRILL® Automatic and the drilled hole Ø will automatically correspond to the extractor hook required

Expanding, Extracting, Flaring

Accessories Extracting

Tee-Extractor Ratchet

Chrome vanadium steel, fine toothed and right/left reversible



No. 22081



No. 27181

Model	SW	g	No.
10 - 42 mm, 3/8 - 1.3/4"	11 mm	435	22081
54 - 70 mm, 2 - 2.1/8"	3/4"	1140	27181

Extractor Cam Pincer

KEY FEATURES

- Identification point marks insertion depth exactly and prevents over-insertion
- Cam depth adjustment wheel with scale



mm	inch	mm	g	No.
12 - 42	1/2 - 1.5/8"	150	170	22080

EVERCOOL

Drill and extraction paste

KEY FEATURES

- Longer tool life
- All-purpose use except for drinking water installation
- Suitable for aluminium and precision steel
- Easy application with the integrated pen for applying the paste



Description	Content	g	No.
EVERCOOL	50 g	80	21549

UNIDRILL® Automatic 28 / 42

HSS special conical drill

KEY FEATURES

- Fast, burr-free drilling
- Precise location without need for centre punch special drill tip
- Calibrated drill Ø automatically corresponds to the correct extractor hook and branch size
- Drill stop prevents damage to pipe walls

UNIDRILL® Automatic 28 / 42

Accurate drilling



No. 21583

No. 21575



Model	mm	inch	SW	g	No.
UNIDRILL® 28	10 - 28	3/8 - 1.1/8"	11	110	21583
UNIDRILL® 42	10 - 42	3/8 - 1.5/8"	11	430	21575

Extractor Support

KEY FEATURES

- Prevents deformation during extraction, especially for soft pipe material

Extractor support plates

Prevents deformation during extraction



Mainpipe	Branchpipe	g	No.
22 mm	18 mm	250	22157
5/8"	1/2"	170	22153
3/4"	5/8"	250	22172
7/8"	3/4"	250	22157

Expanding, Extracting, Flaring

Flaring

Precision Double Flaring Press DB 10

For standard precision expands according to DIN 74234
Ø 4.75 - 10 mm, wall thickness 0.7 - 1.0 mm

Product Profile

APPLICATION AREA

On copper, aluminium and steel pipes, seamless pipes and double-walled pipes, for example Bundy® pipe, and KUNIFER brake pipes

KEY FEATURES

- Ideal for endless pipes
- For several flaring profiles, wall thickness 0.7 - 1 mm
- Universal use with the pluggable pressure cone
- Accurate and reproducible results
- Clamping block for several pipe diameters
- Reliable hold with the 25 mm pipe clamping length
- Suitable for clamping in a vice

Formation of the various flares made possible with the appropriate flaring attachments

E- contour, simple flare:

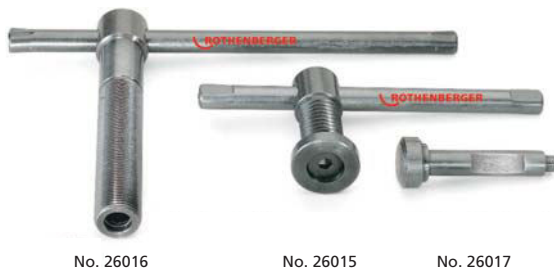
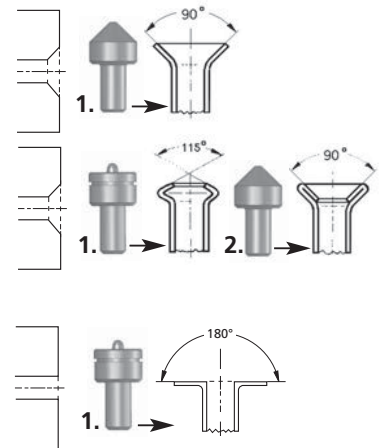
- Standard flaring contour

D-contour, double flare:

- Extension of brake and/or hydraulic lines
- Connection by means of coupling rings, sealed by means of flaring surface

180° flares:

- Mounting using coupling ring, for example hydraulic transmission valve and / or distributor block
- Seal between drill-hole and flaring surface



Set (No. 26013) includes: Basic tool with pressure cone (No. 26010), flaring attachments, 1 set of clamping blocks (No. 26011)

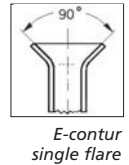
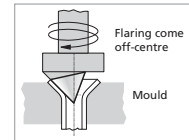
Description	mm	kg	No.
DB 10 set	4.75 - 5 - 6 - 8 - 9 - 10 mm	2.64	26013
Flaring attachments 4.75 / 5 mm		0.20	26001
Flaring attachments 6 mm		0.20	26002
Flaring attachments 8 mm		0.20	26003
Flaring attachments 9 mm		0.20	26004
Flaring attachments 10 mm		0.20	26005

Description	mm	g	No.
Pressure cone		20	26010
Clamping spindle		90	26015
Flaring spindle		300	26016
Distance bolt		30	26017
Set of clamping blocks (2 pc.) for Pipes 4,75 - 5 - 6 - 8 - 9 - 10 mm		190	26011

ROFLARE REVOLVER

Revolver reeling flaring tool

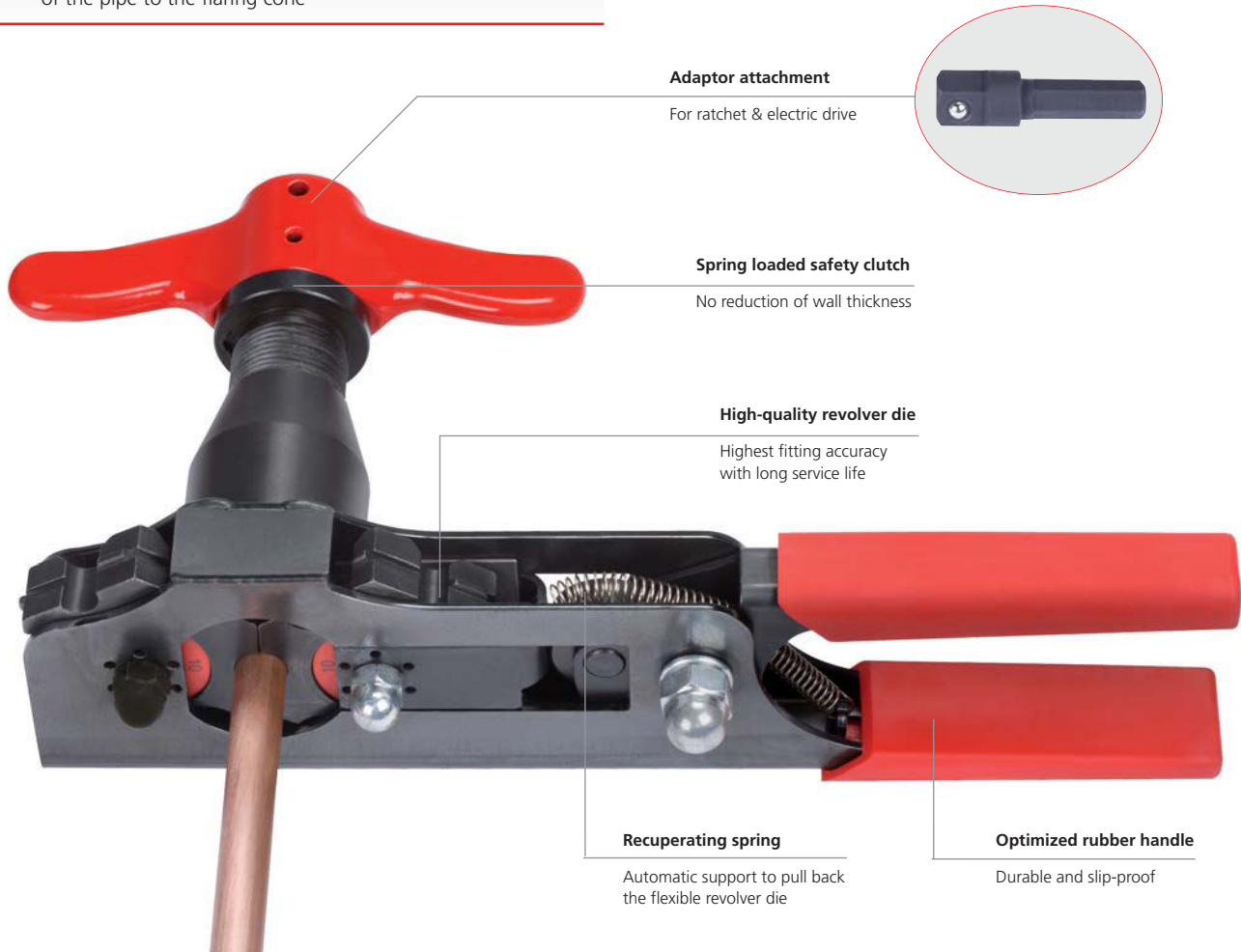
For the reliable and fast production of standard single 45° flares in accordance with EN 14276-2 and JIS B8607:2008 on copper soft pipes Ø 6 - 18 mm and 1/4 - 3/4"



Product Profile

KEY FEATURES

- Guaranteed norm flares
- Produces leak free joints
- One-handed quick clamping system
- **Automatic depth stop:** perfect positioning of the pipe to the flaring cone



Set (1000000230) includes: ROFLARE REVOLVER metric incl. ratchet adaptor, dies Ø 6, 8, 10, 12, 16 and 18 mm, pipe cutter ROTRAC 28 PLUS CHROM Limited Edition (1000000046), in blister pack
Set (1000000231) includes: ROFLARE REVOLVER imperial incl. ratchet adaptor, dies Ø 1/4, 5/16, 3/8, 1/2, 5/8 and 3/4", pipe cutter ROTRAC 28 PLUS CHROM Limited Edition (1000000046), in blister pack

Model	No.
Set, metric with ROTRAC 28 PLUS CHROM Limited Edition	1000000230
Set, imperial with ROTRAC 28 PLUS CHROM Limited Edition	1000000231
Metric, Ø 6, 8, 10, 12, 16, 18 mm	1000000222
Imperial, Ø 1/4, 5/16, 3/8, 1/2, 5/8, 3/4"	1000000223

Compact design enables use in confined spaces



Automatic depth stop: Perfect positioning of the pipe to the flare cone



Expanding, Extracting, Flaring

Flaring

Reeling Flaring Tool

For producing precision 45° single flares on copper pipes
Ø 6 - 18 mm (1/8 - 3/4")

Product Profile

KEY FEATURES

- Controlled expanding and shaping of the pipe without tearing
- No reduction in wall thickness
- No slipping of the pipe
- Sturdy and long lasting

4

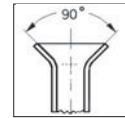
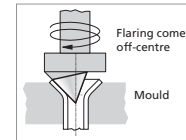


Reeling Flaring Tool set includes: Reeling Flaring Tool in plastic case with mould in metric and/or imperial format

Flare cone rotates off-centre in needle bearings

Controlled expanding and shaping of the pipe end without tearing

No. 222401, No. 222402, No. 222403



E-contur single flare

Square connection

For manual operation, for example cordless screwdriver

Spring-loaded slide coupling

No reduction in wall thickness

Made from forged steel

Tough and long-lasting

Self-centring die

Highest flare precision

Adaptor for cordless screwdriver

Die available in metric and imperial sizes

Pipe will not slip

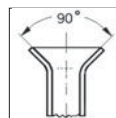
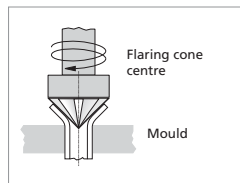


Description	mm / inch	No.
Set EB 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm		222401
1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		
Set EB 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		222402
Set EB 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm		222403
Dies		
metric 6 - 8 - 10 - 12 - 14 - 15 - 16 - 18 mm		222413
imperial 1/8 - 3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4"		222412

Universal Flaring Tool

For producing precision 45° single flares on copper pipes Ø 4 - 16 mm (3/16 - 5/8")

- Universal application and highest flare precision through self-centring pipe clamp for all diameters
- Controlled flaring without tearing, forming perfect surfaces
- Hardened flare cone with special geometry



Single flare

Universal Flaring Tool set (No. 222601) includes: Universal Flaring Tool for pipe diameters 4 - 16 mm, 3/16 - 5/8", in plastic case

Model	mm	inch	g	No.
Set EB	4 - 16 mm	3/16 - 5/8"	900	222601

Flaring and Bending Set

Universal application in industry and small trade by sanitary and heating installations, refrigeration and air-conditioning technology, auto and hydraulic technology



Flaring and bending set (No. 26020) includes: MINICUT I, Ø 3 - 16 mm (No. 70401), internal and external deburrer, Ø 4 - 36 mm (No. 11006), double flare press DB 10 (No. 26013), TUBE BENDER set, Ø 4,75 - 10 mm (No. 24112), steel carrying case (No. 24022)

Model	mm	kg	No.
Flaring / Bending set	4,75 - 5 - 6 - 8 - 9 - 10	5.5	26020

Expanding, Extracting, Flaring

Flaring

ROTORQUE AIRCON / REFRIGERATION

Step-less torque wrench

Product Profile

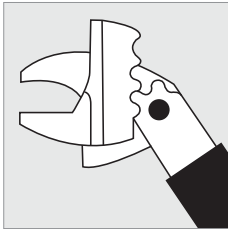
APPLICATION AREA

Self-locking rack and pinion drive enables quick and reliable fastening of flare nuts sizes 15 - 32 mm in accordance with EN 378-2:2012-08

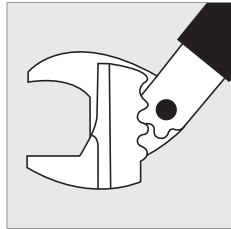
KEY FEATURES

- Always fits, covers all flare nut sizes from 15 - 32 mm
- Won't slip thanks to the self-locking rack and pinion drive and ratchet function
- Simple and reliable: required torque in accordance with EN 378-2:2012-08 is embossed on the head for every size and can not be rubbed off
- Embossed torque data: easy tightening according to norm
- ROTORQUE REFRIGERATION is suitable for cylinder heads' work

Closed head



Fully opened head



ROTORQUE sets include: Torque wrench, head, carrying bag

Model	kg	No.
ROTORQUE AIRCON	1.5	1000000224
ROTORQUE REFRIGERATION	1.4	1000000225

Connection 9 x 12

Head can be exchanged between ROTORQUE AIRCON and ROTORQUE REFRIGERATION

All-In-One: One head fits all sizes!



The torque can be read off

Always tighten according to the standard

ROTORQUE AIRCON Torque wrench

- 10 – 110 Nm
- ± 4% accuracy
- 1 Nm adjustment steps

ROTORQUE REFRIGERATION Torque wrench

- 10 – 70 Nm
- ± 3 % accuracy
- 1/2 Nm adjustment steps
- Suitable for cylinder heads' work



Fig. ROTORQUE AIRCON torque wrench



Fig. ROTORQUE REFRIGERATION torque wrench

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



Fix with torque urgently necessary!

8 piece set (No. 175001) includes: spanner wrench sizes 17, 22, 24, 26, 27, 29 mm, torque wrench, carrying bag

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

Model	kg	No.
Torque wrench set, 8 piece	3.5	175001



ONE
of
6.000

**Premium tools for
professionals!**

5



Pressing

System Overview Pressing Technology	104 - 105
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Press Machines Standard	108 - 111
Press Jaws & Interchangeable Press Jaws Compact	112
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Pressing Collars Standard	114
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5



Do you want to
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QR-Code!

Pressing Technology

System Overview

Press Machines Standard

Press Machines Compact

ROMAX® 3000

ROMAX® 3000 AC

ROMAX® AC ECO

ROMAX® Compact



Operation mode:	electrohydraulic	electrohydraulic	electrohydraulic	electrohydraulic
Jaw fixture rotatable:	270°	270°	270°	270°
CFT® (Constant Force Technology):	✓	✓	✓	✓
Controlled Press Cycle:	✓	✓	✓	✓
Piston force / Hub:	32 kN / 40 mm	32 kN / 40 mm	32 kN / 40 mm	19 kN / 30 mm
Service interval:	20.000 Pressings	20.000 Pressings	10.000 Pressings	10.000 Pressings
LED:	✓	✓	–	–
Approx. pressing cycle time:	5 sec.	5 sec.	7 sec.	6 sec.
Dimensions:	445 x 125 x 75 mm	460 x 120 x 90 mm	415 x 180 x 80 mm	400 x 70 x 90 mm
Cable length:	–	5 m	5 m	–
Cable length main adaptor:	5 m	–	–	5 m
Weight:	3,6 kg	3,8 kg	4,5 kg	2,6 kg
Battery:	✓	–	–	✓

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ROTHENBERGER Constant Force Technology

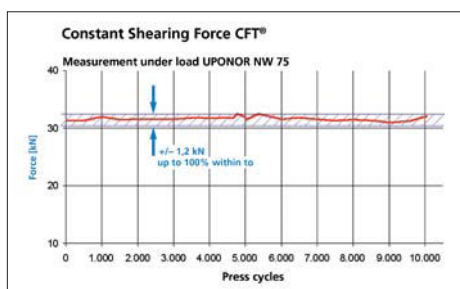
The CFT® guarantees a constant axial pressing force over the entire service interval. A very important requirement for the production of sealed press connections CFT® guarantees:

ROMAX® Compact 19-21 kN for 10.000 Press cycles

ROMAX® AC ECO 32-34 kN for 10.000 Press cycles

ROMAX® 3000 32-34 kN for 20.000 Press cycles

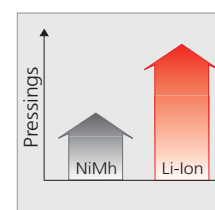
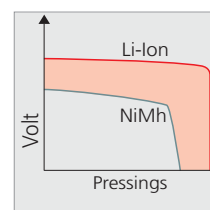
ROMAX® 3000 AC 32-34 kN for 20.000 Press cycles








ROTHENBERGER Li-Ion Technology

The pressing tools ROMAX® Compact and ROMAX® 3000 are equipped with the newest Li-ion technology. Li-ion batteries have many advantages compared to standard battery technology:

- High energy density - up to 100% more pressing per charge compared to the ROTHENBERGER NiMH battery
- Low weight - 30% weight savings
- Cold-resistant - even at near freezing temperatures
- Lowest self-discharge - can be stored up to 12 months
- No memory effect - can be charged at any time
- Constant energy from the first until the last pressing



	Press Jaws Standard			Press Jaws Compact	
	Press Jaws Standard	3-elemental Press Jaws	Press Collars	Press Jaws Compact	Interchangeable Press Jaws Compact
					
Working range Metal:	Ø 12 - 54 mm	Ø 42 - 54 mm	Ø 42 - 54 mm	Ø 12 - 28 mm	–
Working range Multilayer:	Ø 12 - 40 mm	–	Ø 40 - 110 mm	Ø 12 - 40 mm	Ø 12 - 32 mm
Snap on:	–	–	✓	–	–
Special hardening process:	✓	✓	✓	✓	✓
Long-term corrosion protection:	✓	✓	✓	✓	✓
3 bolt synchronized mechanism:	✓	✓	–	✓	✓
Precision-manufactured contour:	✓	✓	✓	✓	✓
Page	113	113	114	112	112

System obligation

The user **is not forced** to purchase different press jaws and/or press machines for each system from the same system manufacturer. No law, no DIN-standard nor the DVGW process sheet requires system dependence. No craftsman is obliged to use only the press tools or press jaws from one (fittings / pipe) system manufacturer



Controlled press cycle

After reaching a predetermined pressing force the press cycle switches off automatically. The piston retracts after the necessary pressing force has been reached. This guarantees uniform and reliable pressings analogue to the requirement of leading system manufacturers.



Electronic control

The electronics of the ROMAX® Compact and the ROMAX® 3000 provide for a safe pressing cycle:

- Control of the battery charge status
- Safety start-inhibitor when the battery is too low
- LED display of the service interval and any error messages



Pressing Technology

Press Machines Compact

ROMAX® Compact

Electro-hydraulic press machine, for battery and mains operation for the pressing of fittings up to Ø 40 mm (plastic/multi-layer) and/or up to Ø 28 mm (metal) with 19 kN

Made in Germany

Please observe system characteristics/benefits on pages 104 - 105!

Product Profile

APPLICATION AREA

The ROMAX® Compact is extremely light, easy to hold and with its compact design it is perfect for field use, especially in confined spaces

KEY FEATURES

- Extremely light: only 2.6 kg
- Ergonomic thanks to the rubberised handle and balanced weight distribution
- For battery and mains operation
- Work-bench function
- Controlled press cycle
- Electric control with service counter and battery status indicator
- CFT®
- Safety lock
- Emergency stop switch

TECHNICAL DATA

Dimension:	400 x 70 x 90 mm
Weight:	approx. 2.6 kg (without press jaw)
Piston force / hub:	19 kN / 30 mm
Nominal size:	Ø 12 - 28 mm (metal) Ø 12 - 40 mm (plastic/multi-layer)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 14.4 V / 2.6 Ah Main adaptor 230 V / 50 - 60 Hz Main adaptor 110 V on request
Operating temperature:	-10° C up to +60° C
Pressings:	up to 140 with 28 mm stainless steel

PRESSING TOOLS

Press jaws:	ROTHENBERGER Compact press jaws starting on page 105
Interchangeable press jaws:	ROTHENBERGER Interchangeable press jaws starting on page 105



Light weight and balanced weight distribution

Fatigue-free and ergonomic use even over long periods of time

LED display

Electronic battery charge indicator, electronic counting of the press cycles (displays when service interval has been reached, further pressings are possible)

Powerful motor

Fast pressings in approx. 6 seconds

Wand-like

design enables use in installation shafts and by front-wall constructions

270° rotatable jaw fixture

For easy use in confined spaces

Safety lock

No unintentional opening because a 180° rotation is necessary

Rubberised handle

Secure hold even in wet conditions

Emergency stop switch

Immediate interruption of the feed and retraction of the piston

Li-ion battery technology

Up to 100% more pressings*

CFT® (Constant Force Technology)
for a constant axial force of 19 kN

Constant pressing force for over 10,000 press cycles



* compared to ROTHENBERGER NiMH batteries

ROMAX® Compact Set Basic I

Set Basic I (No. 15020) includes: ROMAX® Compact press machine, 1x 14.4 V/2.6 Ah Li-ion battery (No. 15418), rapid charger (No. 15017), plastic carrying case (No. 15016), (without press jaws)

DUO-POWER 14.4 V or 230 V



All ROMAX® Compact have a Li-ion battery!

Made in Germany



Fig. Power supply (No. 15037)



Fig. ROMAX® Compact Set SV

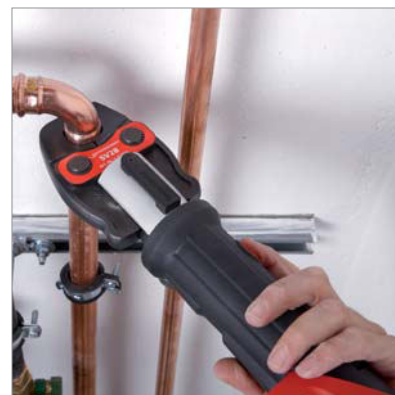
Workbench function with stable supporting surface



Slim – compact wand-like design



Work above head



Model	Description	Press jaw mm			No.
ROMAX® Compact Set Basic I	in plastic carrying case with Li-ion battery and charger	(without pressing jaw)	1	5.0	15020
ROMAX® Compact Set M	Set Basic I with press jaw Type M (Mapress, u.a.)	15 - 22 - 28	1	7.5	15023
ROMAX® Compact Set SV	Set Basic I with press jaw Type SV (Viega, u.a.)	15 - 22 - 28	1	7.5	15022
ROMAX® Compact Set TH	Set Basic I with press jaw Type TH (Henco, u.a.)	16 - 20 - 26	1	8.7	15032
ROMAX® Compact Set U	Set Basic I with press jaw Type U (UNICOR, u.a.)	16 - 20 - 25	1	7.0	15024
ROMAX® Compact Set WE Set RFz	in plastic carrying case with Li-ion battery, spare press jaws and inserts	16 - 20 - 25 - 32	1	8.7	14820
ROMAX® Compact Set WE Set U	in plastic carrying case with Li-ion battery, spare press jaws and inserts	16 - 20 - 25 - 32	1	8.7	14830

ACCESSORIES

Model	No.
ROMAX® Compact spare battery (14.4 V / 2.6 Ah, Li-Ion)	15418
ROMAX® Compact charger (230 V)	15017
ROMAX® Compact main adaptor (230 V), can be used in lieu of the battery	15037
Plastic carrying case, empty	015016L
Press jaws, interchangeable press jaws starting on 112	



Pressing Technology

Press Machines Standard

ROMAX® 3000

Electro-hydraulic press machine for battery and mains operation for the system dependant pressing of fittings up to Ø110 mm* with 32 - 34 kN

Made in Germany

Please observe system characteristics/ benefits on pages 104 - 105!

Product Profile

APPLICATION RANGE

The ROMAX® 3000 is fast, light, handy and safe. It is ideally suited for use at the building site

KEY FEATURES

- **Fast**
A pressing cycle only lasts approx. 5 seconds. The piston retracts automatically after every finished pressing
- **Safe**
CFT® guarantees the necessary pressing force. The automatic controlled press cycles ensure that the piston retracts to the starting position after the necessary pressing force has been reached
- **Light**
The extremely low weight, as well as the balanced weight distribution, ensure fatigue-free use even in continuous use

*system dependant

KEY FEATURES

- **Reliable & economical**
Highest quality service interval of 20,000 pressing cycles secures continuous economical use
- **Expanded operational temperature range**
The ROMAX® 3000 works perfectly; even under adverse environmental conditions. Pressing is possible between -10° C and +60° C
- **Large range**
The standard Li-ion technology allows up to 160 pressings (with Ø 28 mm stainless steel), and/or 90 pressings (with Ø 54 mm stainless steel) with each charge
- **Practical design**
The compact, wand-like design allows pressings even in confined spaces



Wand-like

Design allows use in installation shafts and by front-wall constructions

Rubberised handle

Secure hold even in wet conditions

2-speed switch

Light pressure activates the LED, when pressed through the pressing cycle begins

LED display

Electronic flat battery detection, electronic counting of press cycles (notifies maintenance interval), further pressings possible

Safety lock

No unintentional opening because 180° rotation is required

Press jaw fixture can be rotated 270°

For easy operation even in confined spaces

Light weight and balanced weight distribution

Fatigue-free and ergonomic use even over long periods of time

Powerful motor

Fast pressings in approx. 5 seconds

Emergency stop switch

Immediate interruption of the feed and retraction of the piston



CFT® (Constant Force Technology)
for constant axial pressing force of 32 kN

Constant pressing force over 20,000 press cycles



Pressing Technology

Press Machines Standard

5

TECHNICAL DATA

Dimensions:	445 x 125 x 75 mm
Weight:	approx. 3.6 kg (without press jaws)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 12 - 110 mm (system dependant)
Press jaw fixture:	270° rotation
Power supply:	Li-ion battery 18 V / 3 Ah Main adaptor 230 V, 50 - 60 Hz, Main adaptor 110 V on request
Operating temperature:	-10° C up to +60° C
Pressings:	Up to 160 with 28 mm stainless steel Up to 90 with 54 mm stainless steel

PRESSING TOOLS

Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 113
Pressing collars:	ROTHENBERGER pressing collars starting on page 114

High energy density

More pressing per charge, light weight ¹⁾

Cold-resistant

Can be used in even the lowest temperatures (-10° C up to +60° C)

No memory effect

A partially discharged battery can be fully recharged without any loss of capacity

Low self discharge

Very long shelf-life

Light



Fast



Reliable



Slim



Fig. ROMAX® 3000 set with press jaws

Basic set (No. 15800) includes: ROMAX® 3000, 18 V / 3.0 Ah Li-ion battery (No. 15810), rapid charger (No. 15811), plastic carrying case (No. 15816) (without press jaws)

Model	Description	Press jaws Ø mm	1	2	No.
ROMAX® 3000 Set Basic	in plastic carrying case with Li-ion battery and charger	(without press jaws)	1	9.8	15800
ROMAX® 3000 Set Basic II	in plastic carrying case, with 2 x Li-Ion batteries and charger	(without press jaws)	1	10,4	1000000209
ROMAX® 3000 Set SV	with press jaws type SV (Viega, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15840
ROMAX® 3000 Set TH	with press jaws type TH (Henco, et al.), with Li-ion battery	16 - 20 - 26	1	14.5	15845
ROMAX® 3000 Set U	with press jaws type U (UNICOR, et al.), with Li-ion battery	16 - 20 - 25	1	14.5	15850
ROMAX® 3000 Set M	with press jaws type M (Mapress, et al.), with Li-ion battery	15 - 22 - 28	1	14.5	15855

ACCESSORIES

Model	No.
ROMAX® 3000 Li-ion battery 18 V / 3 Ah	15810
ROMAX® 3000 charger for 110-230 Volt	15811
ROMAX® 3000 main adaptor 230 Volt	15812
Plastic carrying case, empty	1500000463
Press jaws, pressing collars starting on 113	

¹⁾ Compared to the ROTHENBERGER NiMH battery



Pressing Technology

Press Machines Standard

ROMAX® 3000 AC

Electro-hydraulic press machine for mains operation for system dependant pressing of fittings up to Ø 110 mm* with 32 - 34 kN

Made in Germany

Please observe system characteristics/ benefits on pages 104 - 10!

Product Profile

APPLICATION AREA

- The ROMAX® 3000 AC is fast, light, easy to handle and safe. It is therefore ideally suited for the batch production of fitting joints in field operation
- Batch production possible due to mains operation (5 m cable length)
 - A pressing cycle only lasts approx. 5 seconds
 - CFT® guarantees the necessary pressing force
 - Extremely low weight, as well the balanced weight distribution
 - Highest quality, service interval of 20,000 pressing cycles
 - Expanded operating temperature from - 15° C up to 60° C
 - The compact, wand-like design allows pressings even in confined spaces

TECHNICAL DATA

- Dimensions:** 460 x 90 x 120 mm
- Weight:** ca. 3,8 kg (without press jaw)
- Piston force/-hub:** 32 kN / 40 mm
- Nominal size:** Ø 12 - 110 mm (system dependent)
- Press jaw fixture:** 270° rotation
- Power supply:** 230 V / 50-60 Hz, 110 V on request
- Operation temperatur:** - 15° C up to 60° C

PRESSING TOOLS

- Press jaws:** ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 113
- Pressing collars:** ROTHENBERGER pressing collars starting on page 114

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Safety lock
No unintentional opening because a 180° rotation is necessary

Balanced weight distribution
Ergonomic use



270° rotatable jaw fixture
For easy use in confined spaces

Batch production possible



Slim



Set Basic (1000001001) includes: ROMAX® 3000 AC (230 Volt), plastic carrying case, without press jaws

Model	No.
ROMAX® 3000 AC Set Basic	1000001001

ACCESSORIES



Model	No.
Plastic carrying case, empty	1500000463
Press jaws, pressing collars starting on	113

ROMAX® AC ECO

Electro-hydraulic press machine for mains operation for system dependant pressing of fittings up to Ø 110 mm* with 32 - 34 kN

Please observe system characteristics/benefits on pages 98 - 99!

Product Profile

APPLICATION AREA

The ROMAX® AC ECO is light, easy to handle and is suitable for the batch production of fitting joints in field operation

KEY FEATURES

- Ergonomic thanks to the rubberized handle and balanced weight distribution
- Controlled press cycle
- CFT®
- Safety lock
- Emergency stop switch
- 5 m cable

*system dependant

TECHNICAL DATA

Dimensions:	415 x 180 x 80 mm
Weight:	approx. 4.5 kg (without press jaw)
Piston force/-hub:	32 kN / 40 mm
Nominal size:	Ø 12 - 110 mm (system dependent)
Press jaw fixture:	270° rotation
Power supply:	230 V / 50-60 Hz, 110 V on request

PRESSING TOOLS

Press jaws:	ROTHENBERGER standard press jaws, compatible with many other manufacturers starting on page 106
Pressing collars:	ROTHENBERGER Pressing collars starting on page 106

270° rotatable jaw fixture

For easy use in confined spaces

Compatible jaw fixture

Suitable for many press jaws

Emergency stop switch

Immediate interruption of the feed

Safety lock

No unintentional opening because a 270° rotation is necessary

Two-switches within easy reach

Various holding positions possible. The controlled press cycle begins after pushing the hold-to-run control

Balanced weight distribution

Ergonomic use

CFT® (Constant Force Technology)

for constant axial pressing force of 32 kN

Constant axial pressing force over 10,000 press cycles

5 m cable length

Large operations radius



Made in Germany



Fig. ROMAX® AC ECO Set with press jaws

Basic Sets (No. 15705) include: ROMAX® AC ECO Basic (230 Volt), plastic carrying case (No. F81664) (without press jaws)

Model	Description	Press jaws mm	kg	No.
ROMAX® AC ECO Set Basic I	in plastic carrying case	(without press jaws)	1 8.9	15705
ROMAX® AC ECO Set M	Set Basic I with press jaws type M (Mapress, et al.)	15 - 22 - 28	1 13.4	15750
ROMAX® AC ECO Set SV	Set Basic I with press jaws type SV (Viega, et al.)	15 - 22 - 28	1 13.4	15740
ROMAX® AC ECO Set TH	Set Basic I with press jaws type TH (Henco, et al.)	16 - 20 - 26	1 13.4	15730
ROMAX® AC ECO Set U	Set Basic I with press jaws type U (UNICOR, et al.)	16 - 20 - 25	1 13.4	15760

ACCESSORIES

Model	No.
Plastic carrying case, empty	F81664
Press jaws, pressing collars starting on	113



Press Technology

Press Jaws & Interchangeable Press Jaws

Press Jaws Compact

For ROMAX® Compact

ROTHENBERGER Press Jaws with proven material and manufacturing quality for system dependant pressing of fittings up to Ø 40 mm (plastic / multi-layer) and/or up to 28 mm (metal)

Made in Germany

5

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision when pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Product identification, simple to read, clear system and nominal size classification



Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **19 kN** and compatible press jaw fixture

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Long-term corrosion protection

Optimum for heavy-duty field operation

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Press jaw overview starting on 115

Interchangeable Press Jaws Compact

For ROMAX® Compact

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for the attachment from interchangeable press jaws for system dependant pressing of plastic fittings Ø 16 - 32 mm

Made in Germany

Combine various interchangeable inserts with only one press jaw!



Set Interchangeable inserts

3-bolt synchronised mechanism

Synchronised run of the jaw lever enables the jaw to be opened with just one finger

Batch numbering and individual testing

Secures the high quality standard of material and press contour



Guiding ridge

Safe admittance from inter-changeable press jaws

Made of casted, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **19 kN** and compatible press jaw fixture

Special hardening process

High degree of elastic force and expansion capability

Long-term Corrosion protection

Optimum for heavy-duty field operation

Model	Description	No.	Model	Description	No.
Interchangeable inserts set RFz*	16 - 20 - 25 - 32 mm	14849	Interchangeable press jaws + set CO	12 - 16 - 20 mm	15093
Interchangeable inserts set U*	16 - 20 - 25 - 32 mm	14869	Interchangeable press jaws + set RFz	12 - 16 - 20 mm	15094
Interchangeable inserts set VP*	16 - 20 - 25 - 32 mm	14879			

*Can only be used with interchangeable pressing jaw No. 014800X!

Press Jaws Standard

For ROMAX® 3000, ROMAX® 3000 AC and ROMAX® AC ECO

ROTHENBERGER Press Jaws with proven material and manufacturing quality, for system conforming pressing of fittings up to Ø 40 mm (plastic) and/or up to Ø 54 mm (metal)

Special hardening process

High degree of elastic force and expansion capability

3-bolt synchronised mechanism

- Highest precision when pressing
- Synchronised run of the jaw lever
- Increased stability and durability
- Open the jaw with just 1 finger!

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Product identification, simple to read, clear system and nominal size classification



Press jaw overview starting on 115

Precision-manufactured contours

For optimum and reliable pressings

Made of forged, highly resilient special steel

Suitable for all press machines with a constant axial thrust of **32-34 kN** and compatible press jaw fixture

Permanent bolt

- Without potential weak points / no thread
- Considerable reduction of the breakage risk
- Increased safety

Long-term corrosion protection

Optimum for heavy-duty field operation

Optimised inlet contour

- Adapted power flow
- Less wear and tear

Made in Germany

3-elemental Standard Press Jaw M42 / M54

For ROMAX® 3000, ROMAX® 3000 AC and ROMAX® AC ECO

ROTHENBERGER 3-elemental Press Jaws with proven material and manufacturing quality, for system depended pressing of Copper-, steel- and C-steel fittings M42 and M54

Long-term corrosion protection

Optimum for heavy-duty field operation

3-bolt synchronised mechanism

Synchronised run of the jaw lever

Special hardening process of the inlet- and jaw contour

High degree of elastic force, expansion capability and long lifetime

3-elemental system

Easy handling / assembling
Optimized power distribution

Precision-manufactured contours

For optimum and reliable pressings

Wide jaw mouth for easy assembling of the jaw on the fitting



Model		No.	Model		No.
3-elemental standard press jaw, M42	4,8	1000001273	3-elemental standard press jaw, M54	4,8	1000001274

Press Technology

Pressing Collars Standard

Pressing Collars Standard

For ROMAX® 3000, ROMAX® PRESSLINER ECO, ROMAX® AC ECO

Still suitable for press machines with a constant, axial pressing force of 32 - 34 kN and the appropriate compatible press jaw fixture. For the system conforming pressing of fittings from 42 mm up to 54 mm (metal) and/or from 40 mm up to 110 mm (multi-layer)

Limited weight

Power-saving work even for longer periods

Two flexible elements

For an optimal material flow on the fitting

Batch numbering and individual testing

Secures the high quality standard of material and press contour

Long-term corrosion protection

Optimum for heavy-duty field operation

Special hardening process

High degree of elastic force and expansion capability

Opening of the pressing collar up to 180° allows assembling even in confined spaces



Closing the pressing collar



Gripping the pressing collar with intermediate jaws



Made in Germany

Precision-manufactured contours

For optimum and reliable pressings

Clamping technology

Self-clamping pressing collar

3 Segments

For an optimum force distribution on the fitting

Special hardening process

High degree of elastic force and expansion capability

Made of forged, highly resilient special steel

Suitable for all press machines with a constant, axial thrust of 32 - 34 kN and compatible press jaw fixture

3-bolt synchronised mechanism

Synchronised run of the jaw lever enables the jaw to be opened with just one finger

Fig. Pressing collar SV54

Fig. Intermediate jaw ZBS1

Pressing collar sets include: Pressing collars according to the table, intermediate jaws ZBS1 (No.1000001126), plastic carrying case (No. 1500000782)

Model	Description	No.
Pressing collars Set SV in plastic carrying case	Press jaw ZBS1 / SV42 - 54	1000001501
Pressing collars Set M in plastic carrying case	Press jaw ZBS1 / M42 - 54	1000001500
Pressing collars Set TH in plastic carrying case*	Press jaw ZBS1 / TH40 - 50	1000000116
Press collars overview starting on 115		

* on request!

Press Jaws Standard Sets

ROTHENBERGER Press Jaws up to
Ø 54 mm, in sturdy plastic
carrying case

Variable and cost efficient

Universal for all ROTHENBERGER
Press Jaws (Type Standard)

Various combinations possible

For example: 4 press jaws up to Ø 35 mm
or 2 press jaws Ø 42 or 54 mm



Made in Germany

**Professional
set combinations!**

Space for up to 6 Press Jaws

More than enough room for a complete
press jaw system













Press Jaw sets include: Press Jaw according to chart, plastic case (No. 1500000782)

Model Ø mm		kg	No.
M 15 - 18 - 22 - 28 mm	1	9,3	015062X
M 42 - 54 mm (3-elemental Press jaw)	1	11,0	1000001502
SV 15 - 18 - 22 - 28 mm	1	9,3	015060X
SV 42 - 54 mm	1	9,5	015080X











Model Ø mm		kg	No.
G 16 - 20 - 26 - 32 mm	1	11,4	015068X
TH 16 - 20 - 26 mm	1	7,9	015063X
VP 16 - 20 - 25 - 32 mm	1	9,4	015072X
Plastic carrying case, empty	1		1500000782











System	Nominal size	Press Jaws Compact	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	Press Jaws Standard	Pressing Collars Standard Only to be used with intermediate jaw: ZBS1 No. 1000001126 for (SV, M, TH, U Ø 40, 42, 50, 63 mm), ZBS2 No. 1000000123 for (U Ø 75, 90, 110 mm)
A		Metal / NE-Metal			
	A1/2"	1000001503	—	015222X	
	A3/4"	1000001504	—	015223X	
	A1"	1000001505	—	015224X	
	A11/4"	—	—	015225X	
	A11/2"	—	—	015226X	
	A2"	—	—	015227X	
M					
	M12	015151X	—	015101X	
	M15	015152X	—	015102X	
	M18	015153X	—	015103X	
	M22	015154X	—	015104X	
	M28	015155X	—	015105X	
	M35	—	—	015106X	
	M42	—	—	1000001273	1000001391
	M54	—	—	1000001274	1000001392
V / SV					
	V/SV12	015261X	—	015211X	
	V/SV14	015269X	—	015219X	
	V/SV15	015262X	—	015212X	
	V/SV16	015260X	—	015220X	
	V/SV18	015263X	—	015213X	
	V/SV22	015264X	—	015214X	
	V/SV28	015265X	—	015215X	
	V/SV35	—	—	015216X	
	V/SV42	—	—	015217X	1000001393
	V/SV54	—	—	015218X	1000001394
R(H)		PEX / Multi-layer			
	R12	—	14863	015339X	
	R14	015370X	14864	015330X	
	R16	015371X	14865	015331X	
	R17	015378X	14866	015333X	
	R18	015379X	14867	015334X	
	R20	015374X	14868	015335X	
	R25	015380X	14707	015338X	
	R26	015376X	14708	015336X	
	R32	015377X	14709	015337X	

For more informations visit www.rothenberger.com

System	Nominal size	 Press Jaws Compact	 Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	 Press Jaws Standard	 Pressing Collars Standard Only to be used with intermediate jaw: ZB51 No. 1000001126 for (SV, M, TH, U Ø 40, 42, 50, 63 mm), ZB52 No. 1000000123 for (U Ø 75, 90, 110 mm)
RFz	PEX / Multi-layer				
	RFz12	—	14822	1000000173	
	RFz16	015180X	14823	015161X	
	RFz18		1000000124		
	RFz20	015181X	14824	015162X	
	RFz25	015182X	14825	015163X	
	RFz26		1000000125		
	RFz32	015183X	14826	015164X	
TH	TH14	015395X	14842	015321X	
	TH16	015385X	14843	015322X	
	TH18	015398X	14844	015323X	
	TH20	015389X	14845	015324X	
	TH25	015399X	14846	015325X	
	TH26	015391X	14847	015326X	
	TH32	015393X	14848	015327X	
	TH40	015401X	—	015328X	1000000111
	TH50	—	—	—	1000000112
	TH63	—	—	—	1000000113
THG	THG32	1000000236	—	1000000235	
THT	THT32	015393H	—	015329X	
U	U14	015351X	14832	015311X	
	U16	015352X	14833	015312X	
	U18	015353X	14834	015313X	
	U20	015354X	14835	015314X	
	U25	015355X	14836	015315X	
	U32	015357X	14838	015317X	
	U40	015358X	—	015318X	1000000117
	U50	—	—	—	1000000118
	U63	—	—	—	1000000119
	U75	—	—	—	1000000120
	U90	—	—	—	1000000121
	U110	—	—	—	1000000122
RC	RC26	015277X	14837	015271X	
VP	VP14	015530X	14882	015230X	
	VP16	015531X	14883	015231X	
	VP20	015532X	14884	015232X	
	VP25	015533X	14885	015233X	
	VP32	015534X	14886	015234X	
BE	BE16	015291X	—	015392X	
	BE20	015292X	—	015394X	
	BE26	015293X	—	015396X	
	BE32	015294X	—	015397X	
CO	CO12	—	14852	—	
	CO16	—	14853	—	
	CO20	—	14854	—	
	CO25	—	14855	—	
G	G16	015362X	—	015302X	
	G20	015364X	—	015304X	
	G26	015366X	—	015306X	
	G32	015367X	—	015307X	
	G40	015368X	—	015308X	
HA	HA16	015580X	—	015280X	
	HA20	015581X	—	015281X	
	HA26	015582X	—	015282X	
	HA32	015583X	—	015283X	
	HA40	—	—	015284X	

For further informations visit www.rothenberger.com, ¹⁾ Only on request.

																								
	Nominal size	Press jaws Compact No.	Press Jaws Pressliner and ROMAX® 3000 No.	Interchangeable Press Jaws Compact No. Use only in combination with interchangeable jaws No. 014800X	Anpro EN Series Stainless Steel, Carbon Steel	APE Raccordi a pressione	Bampi BALPEX (Serie MP)	Bampi BALPEX Gas	Blansol Sistema EasyPress	Blansol Sistema MultiPEX	Bonomi Group Turbo Press, Turbo Press Gas	Broen Ballofix Pres	Chibro Adduzione / Gas, Como Galvanized	Chibro Cunipress, Riscaldamento	CIMBERIO SpA Cimpres	CO.E.S. Coesklima	COMAP, Skin Press	Comisa Multi layer pipe	Conex B-Press Gas, Solar	Conex B-Press, INOX	DALPEX LaserMulti Dalpex	Emmeti Gerpex	EMPUR PEXPRESS	Eurotherm, MULTI-STRATO, Euro 2000
	M12	015151X	015101X									●												
	M15	015152X	015102X									●	●	●	●									
	M18	015153X	015103X									●	●	●	●									
	M22	015154X	015104X									●	●	●	●									
	M28	015155X	015105X									●	●	●	●									
	M35		015106X									●	●	●	●									
	M42		1000001273										●	●	●									
	M54		1000001274																					
	V12	015261X	015211X																		●			
	SV14	015269X	015219X																		●			
	SV15	015262X	015212X		●										●				●	●	●			
	SV16	015260X	015220X																	●	●			
	SV18	015263X	015213X		●										●				●	●	●			
	SV22	015264X	015214X		●										●				●	●	●			
	SV28	015265X	015215X		●									●					●	●	●			
	SV35		015216X		●									●					●	●	●			
	SV42		015217X		●															●	●			
	SV54		015218X		●															●	●			
	G16	015362X	015302X																					
	G20	015364X	015304X																					
	G26	015366X	015306X																					
	G32	015367X	015307X																					
	G40	015368X	015308X																					
	HA16	015580X	015280X																					
	HA20	015581X	015281X																					
	HA26	015582X	015282X																					
	HA32	015583X	015283X																					
	HA40		015284X																					
	R12		015339X	14863																				
	R14	015370X	015330X	14864																				
	R16	015371X	015331X	14865						●														
	R17	015378X	015333X	14866																				
	R18	015379X	015334X	14867																				
	R20	015374X	015335X	14868						●														
	R25	015380X	015338X	14707						●														
	R26	015376X	015336X	14708																				
	R32	015377X	015337X	14709							●													
	RFz12		1000000173	14822					●															
	RFz16	015180X	015161X	14823					●															
	RFz20	015181X	015162X	14824					●															
	RFz25	015182X	015163X	14825					●															
	RFz32	015183X	015164X	14826					●															
	TH14	015395X	015321X	14842		●	●	●									●				●		●	
	TH16	015385X	015322X	14843		●	●	●				●					●	●			●	●	●	●
	TH18	015398X	015323X	14844		●	●	●				●					●	●			●	●	●	
	TH20	015389X	015324X	14845		●	●	●				●					●	●			●	●	●	●
	TH25	015399X	015325X	14846													●	●			●	●	●	●
	TH26	015391X	015326X	14847		●	●	●				●					●	●			●	●	●	●
	TH32	015393X	015327X	14848			●	●				●					●	●			●	●	●	●
	TH40	015401X	015328X				●					●					●	●			●		●	●
THG32	1000000236	1000000235														●								
THT32	015393H	015329X																						
	U14	015351X	015311X	14832																				
	U16	015352X	015312X	14833													●							
	U18	015353X	015313X	14834													●							
	U20	015354X	015314X	14835													●							
	U25	015355X	015315X	14836													●							
	U32	015357X	015317X	14838													●							
	U40	015358X	015318X														●							
RC26	015277X	015271X	14837																					
	VP14	015530X	015230X	14882																				
	VP16	015531X	015231X	14883																				
	VP20	015532X	015232X	14884																				
	VP25	015533X	015233X	14885																				
	VP32	015534X	015234X	14886																				

																								
	Nominal size	Press jaws Compact No.	Press jaws Pressliner and ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X		Eurotubi Pressfitting System	F.B.Q. BARONIO, BQ pres	Frabo Frabopress C Steel, 316	Frabo MULTI-BRASS	FRÄNKISCHE, ALPEX F50	Gabo, Gabopress H+5	GAROS	Geberit Mapress Gas	Geberit Mapress Stainless	Geberit Mapress Copper Carbon steel,	Geberit Mepla	Giacomini Giacomflex, Goaco Therm	HAKA, Fimisol, HAKA-PRES, HAKA, GERODUR	Harden 2000, Polypex 2000	Henco PVDF	Herz pipefix	HIDROTEC KLIMATEC	Hitec Sistema, Multi-strato	IBP >B-Press Rotguss, Inox
	M	M12	015151X	015101X																				
		M15	015152X	015102X																				
		M18	015153X	015103X																				
		M22	015154X	015104X																				
		M28	015155X	015105X																				
		M35		015106X																				
		M42		1000001273																				
	M54		1000001274																					
	V / SV	V12	015261X	015211X																				
		SV14	015269X	015219X																				
		SV15	015262X	015212X																				
		SV16	015260X	015220X																				
		SV18	015263X	015213X																				
		SV22	015264X	015214X																				
		SV28	015265X	015215X																				
		SV35		015216X																				
		SV42		015217X																				
		SV54		015218X																				
	G	G16	015362X	015302X																				
		G20	015364X	015304X																				
		G26	015366X	015306X																				
		G32	015367X	015307X																				
		G40	015368X	015308X																				
	HA	HA16	015580X	015280X																				
		HA20	015581X	015281X																				
		HA26	015582X	015282X																				
		HA32	015583X	015283X																				
		HA40		015284X																				
	R (H)	R12		015339X	14863																			
		R14	015370X	015330X	14864																			
		R16	015371X	015331X	14865																			
		R17	015378X	015333X	14866																			
		R18	015379X	015334X	14867																			
		R20	015374X	015335X	14868																			
		R25	015380X	015338X	14707																			
		R26	015376X	015336X	14708																			
		R32	015377X	015337X	14709																			
	RFz	RFz12		1000000173	14822																			
		RFz16	015180X	015161X	14823																			
		RFz20	015181X	015162X	14824																			
		RFz25	015182X	015163X	14825																			
		RFz32	015183X	015164X	14826																			
	TH	TH14	015395X	015321X	14842																			
		TH16	015385X	015322X	14843																			
		TH18	015398X	015323X	14844																			
		TH20	015389X	015324X	14845																			
		TH25	015399X	015325X	14846																			
		TH26	015391X	015326X	14847																			
		TH32	015393X	015327X	14848																			
		TH40	015401X	015328X																				
THG	THG32	1000000236	1000000235																					
THT	THT32	015393H	015329X																					
	U	U14	015351X	015311X	14832																			
		U16	015352X	015312X	14833																			
		U18	015353X	015313X	14834																			
		U20	015354X	015314X	14835																			
		U25	015355X	015315X	14836																			
		U32	015357X	015317X	14838																			
		U40	015358X	015318X																				
RC	RC26	015277X	015271X	14837																				
	VP	VP14	015530X	015230X	14882																			
		VP16	015531X	015231X	14883																			
		VP20	015532X	015232X	14884																			
		VP25	015533X	015233X	14885																			
		VP32	015534X	015234X	14886																			









For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

Press Technology

Overview Press Jaws

																									
	Nominal size	Press jaws Compact No.	Press jaws Pressliner und ROMAX® 3000 No.	Interchangeable Insert Compact Use only in combination with interchangeable jaws No. 014800X	PIPELIFE RADOPRESS	POLYSAN Press-System	Prandelli, MULTYRAMA	Raccorderie Metalliche Inoxpress, Steelpress	Raccorderie Metalliche, Aespres	Raccorderie Metalliche Inoxpress Gas	RIQUIERA A SERTIR	ROTH SISTEMA ROTHAPRESS	Roth-Roth Rohrinstallationsysteme	Sanha 3fit-PRESS SYSTEM 14 mm - 63 mm	SANHA NiroSan Serie 9000, 17000 Gas, 18000, 19000	SANHA Press Serie 10000, 11000 Gas, 12000, 13000	SANHA PURAPRESS Serie 8000	SANHA-NiroSan-Presssystem Chronimo	Simplex SiRoCon Cu / E	Simplex SiRoCon PPSU H	Simplex SiRoCon PPSU TH	SST-Rolltec Delphi-Press, SIS Systemtechnik	THERMOVAL, THERMOSMART	Tiemme, Cobrapress	
	M	M12	015151X	015101X																					
		M15	015152X	015102X																					
		M18	015153X	015103X																					
		M22	015154X	015104X																					
		M28	015155X	015105X																					
		M35		015106X																					
		M42		1000001273																					
		M54		1000001274																					
	V / SV	V12	015261X	015211X																					
		SV14	015269X	015219X																					
		SV15	015262X	015212X																					
		SV16	015260X	015220X																					
		SV18	015263X	015213X																					
		SV22	015264X	015214X																					
		SV28	015265X	015215X																					
		SV35		015216X																					
		SV42		015217X																					
		SV54		015218X																					
	G	G16	015362X	015302X																					
		G20	015364X	015304X																					
		G26	015366X	015306X																					
		G32	015367X	015307X																					
		G40	015368X	015308X																					
	HA	HA16	015580X	015280X																					
		HA20	015581X	015281X																					
		HA26	015582X	015282X																					
		HA32	015583X	015283X																					
		HA40		015284X																					
	R (H)	R12		015339X	14863																				
		R14	015370X	015330X	14864																				
		R16	015371X	015331X	14865																				
		R17	015378X	015333X	14866																				
		R18	015379X	015334X	14867																				
		R20	015374X	015335X	14868																				
		R25	015380X	015338X	14707																				
		R26	015376X	015336X	14708																				
		R32	015377X	015337X	14709																				
	RFz	RFz12		1000000173	14822																				
		RFz16	015180X	015161X	14823																				
		RFz20	015181X	015162X	14824																				
		RFz25	015182X	015163X	14825																				
		RFz32	015183X	015164X	14826																				
	TH	TH14	015395X	015321X	14842																				
		TH16	015385X	015322X	14843																				
		TH18	015398X	015323X	14844																				
		TH20	015389X	015324X	14845																				
		TH25	015399X	015325X	14846																				

For further informations visit www.rothenberger.com

ROTHENBERGER offers press jaws for a variety of press fitting / pipe systems on the market today. The press contour of each particular system allows reliable pressing to approved standards.

For further informations visit www.rothenberger.com

The press contour of each particular system allows reliable pressing to approved standards.

ONE of 6.000

Premium tools for
professionals!

6





Threading

System Overview Threading	124 - 125
Threading manual	126 - 129
Threading electric	130 - 144
Accessories Threading	145
Roll Grooving	146 - 147



Do you want to
know more about
our products?
Please scan the
QR-Code!

Threading

System Overview

Threader manual

	SUPER CUT Sets 1/2-1.1/4"	SUPER CUT Sets 3/8-1.1/4"	SUPER CUT Sets 3/8-2"	SANI KIT
				
Operation mode:	handed / manual	handed / manual	handed / manual	handed / manual
Working range:	1/2-1.1/4"	3/8-1.1/4"	3/8-2"	1/4-1.1/4"
Handle:	1 piece	2 pieces	3 pieces	2 pieces
Thread type:	BSPT-NPT	BSPT-NPT	BSPT-NPT	BSPT-NPT
Number of die heads:	4 pcs.	up to 5 pcs.	up to 7 pcs.	3 pcs.
Number of threading dies:	–	–	–	–
Power:	–	–	–	–
Weight:	5,1 kg	6,2 kg	11,4 kg	8,2 kg
Page	126, 127	126, 127	126, 127	128, 129

Threader electric

	SUPERTRONIC® 1250	SUPERTRONIC® 2000
		
Operation mode:	handed / electric	handed / electric
Working range:	1/4-1.1/4"	1/4-2"
Thread type:	BSPT-NPT	BSPT-NPT
Number of die heads:	4 pcs.	6 pcs.
Number of thread dies:	–	–
Power:	800 W	1.010 W
Weight:	12,8 kg	14,5 kg
Page	130, 131	132, 133

Threader stationary

	ROPOWER 50 R	SUPERTRONIC® 25E
		
Operation mode:	stationary	stationary
Working range:	1/2-2"	1/2-2"
Thread type:	BSPT, NPT, BSPP, BSW, Metrical	BSPT, NPT, BSPP, BSW, Metrical
Number of die heads:	1 pcs.	1 pcs.
Number of thread dies:	2 pcs.	2 pcs.
Power:	1.150 W	1.150 W
Weight:	88,5 kg	68,5 kg
Page	136, 137	138, 139

Threader stationary

SUPERTRONIC® 3 SE



SUPERTRONIC® 4SE



COLLINS CLASSIC 22



RHINO 4"



Operation mode:	stationary	stationary	stationary	stationary
Working range:	1/2-3"	1/2-4"	1/2-2"	1/2-4"
Thread type:	BSPT, NPT, BSPP, BSW, Metrical	BSPT, NPT, BSPP, BSW, Metrical	BSPT, NPT, BSPP, Metrical	BSPT, NPT, BSPP, Metrical
Number of die heads:	2 pcs.	2 pcs.	1 pcs.	2 pcs.
Number of thread dies:	3 pcs.	3 pcs.	2 pcs.	3 pcs.
Power:	1.700 W	1.750 W	1.800 W	2.800 W
Weight:	100 kg	120 kg	133 kg	216 kg

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6

Roll Grooving machines

ROGROOVER 1-6"



Hand Roll Groover 1-12"



ROGROOVER 1-12"



Operation mode:	handed-electric / stationary	handed-manual / handed-electric	stationary
Working range:	1 - 6"	1 - 12"	1 - 12"
Threading machine:	SUPERTRONIC® 2000 / 2-4SE	SUPERTRONIC® 1250 / 2000	Motor
Wall thickness:	up to 10 mm	up to 10 mm	up to 10 mm
Pressure rollers included:	1 pcs.	1 pcs.	3 pcs.
Power:	1.010 W / max. 1.750 W	800 W / 1.010 W	1.500 W
Transportation frame:	- / -	-	optional
Weght:	14,5 kg / max. 134,5 kg	12,0 kg / max. 18,2 kg	175,0 kg

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Threading

Threading manual

SUPER CUT

Ratchet threader Ø 1/4" - 2"

For production of precise and reliable thread connections according to DIN EN 10226



Product Profile

APPLICATION AREA

For precision thread cutting of

BSPT right:

Ø 1/4" - 2"

KEY FEATURES

- Slim, compact design with excellent overall size, ratchet angle of 22.5°
- Easy operation in hard-to reach places with the offset lever
- Convenient, lockable reversal of the ratchet direction
- Extremely long service life
- Simple insertion and removal of die heads
- Secure hold with retainer locking
- Perfect centering through the long pipe guide is ensured
- Optimised cutting geometry allows a gentle first cut and excellent chip discharge

Power optimisation with the offset hand lever!

Quick Change Die Heads

Secure hold

Positive octagonal universal drive with retainer locking

Fits all ROTHENBERGER Manual and Power Threaders

Simple insertion and removal of the die heads

Long lever

Optimum force transfer

Offset lever

Easy operation in hard-to-reach places

Quick adjustment

Convenient, lockable reversal of the ratchet direction

Precision Dies

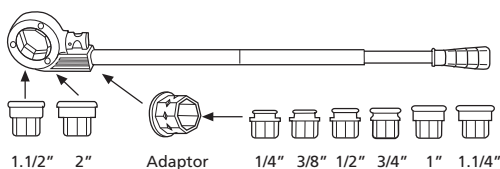
Made of high quality tempered steel
Extremely long service life

SUPER CUT when working at the building site



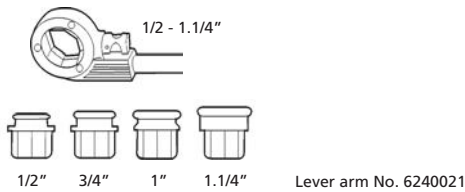
With ratchet handle 1/4" - 2" the attachment of the 1/4" - 1.1/4" die head results with the use of the adaptor (No. 600011500)

Monoblock - adaptor (No. 600011500)



SUPER CUT – Sets Ø 3/8 - 1.1/4"

With ratchet handle (small octagonal drive, No. 070840X), die heads in plastic carrying case (No. 70780)

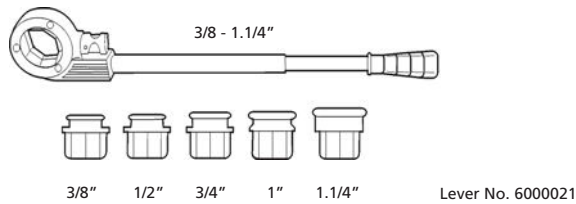


Model	Size	kg	No.
BSPT R	1/2" - 3/4" - 1" - 1.1/4"	5.1	070781X



SUPER CUT – Sets Ø 3/8 - 1.1/4"

With ratchet handle (small octagonal drive, No. 070840X), and die heads in plastic carrying case

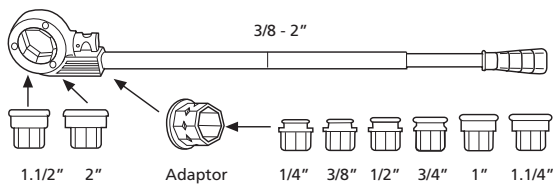


Model	Size	kg	No.
BSPT R	3/8" - 1/2" - 3/4" - 1" - 1.1/4"	6.2	070790X
BSPT R	1/2" - 3/4" - 1"	4.2	070780X



SUPER CUT – Sets Ø 3/8 - 2"

With ratchet handle (large octagonal drive, No. 71272), die head adaptor (No. 71273), die heads in plastic carrying case (No. 070928X)



Model	Size	kg	No.
BSPT R	3/8" - 1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	11.4	070891X
BSPT R	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	10.8	070892X



ACCESSORIES

Description	
Die heads 1/4 - 2"	134
Dies 1/4 - 2"	134
Cutting fluid	135
Pipe roughing wrench	135



Threading

Threading manual

SANI KIT

Tool set in sturdy plastic carrying case

Ideal for repair and installation jobs requiring complete steel pipe processing



Professional!

Product Profile	
APPLICATION AREA	
Cutting:	up to Ø 1.1/4"
Thread cutting:	up to Ø 1"
Assembly, screwing, loosening, sealing of thread connections:	up to Ø 1.1/4"

KEY FEATURES
● Light and easy to use, always within reach
● Secure guiding of the cutter wheel on the pipe
● Reliable grip with the s-shaped jaw
● Firm grip even with heavy-duty use
● Long service life
● Precise thread cutting to approved standards
● Perfect alignment

Steel Pipe Cutter Super 1.1/4"

Wide rollers

Secure guiding of the cutter wheel on the pipe

Corner Pipe Wrench Super S

Slim, s-shaped jaw

Firm grip

SUPER CUT Ratchet Threader

With SUPER CUT ratchet handle 1.1/4"

Perfect alignment

Small outer octagon, BSPT R 1/2 - 3/4 - 1"

Precise thread cutting to approved standards

Water Pump Pliers Type SP

With heavy duty box joint, chrome vanadium steel, drop-forged, tempered

Long service life

Polished head and joint

Firm grip even with heavy-duty use

6

SANI KIT

Tool carrying case

Ideal for repair and installation jobs
requiring complete steel pipe processing



The ideal installation set!

SANI KIT when working at the
building site with RONOL®



10-part set (No. 70600) includes: SUPER CUT ratchet threader 1.1/4" (No. 070840X), quick-change die heads BSPT R 1/2" (No. 070823X) - 3/4" (No. 070824X) - 1" (No. 070825X), steel pipe cutter SUPER 1.1/4" (No. 70040), water pump pliers type SP 10" (No. 70528), corner pipe wrench 1" (No. 070122X) as well as teflon tape (No. 855360), in plastic carrying case

Description	 kg	No.
SANI KIT Tool set	8.2	70600




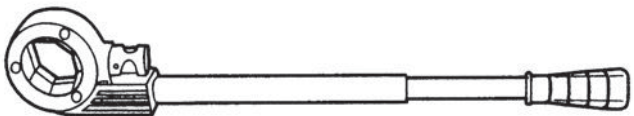
6

SUPER CUT Ratchet Arm


With offset adaptor



Direct seating for die heads	via adaptor for die heads	Handle	 kg	No.
1/4" - 1.1/4"	-	2-piece	1.7	070840X
1.1/2" - 2" (no fig.)	1/4" - 1.1/4"	3-piece	2.5	71272



ACCESSORIES

Description	
Die heads 1/4 - 2"	134
Dies 1/4 - 2"	134
Cutting fluid	135
Pipe roughing wrench	135



Threading

Threading electric

SUPERTRONIC® 1250

Power threader Ø 1/4 - 1.1/4"

For quick and effortless production of precise and reliable thread connections to approved standards



Product Profile	
APPLICATION AREA	
For threading of	
BSPT right:	Ø 1/2 - 1.1/4"
Optional: (not included in set)	Ø 1/4", 3/8"
NPT:	Ø 1/4 - 1.1/4"
KEY FEATURES	
<ul style="list-style-type: none">● Ideal for confined spaces (corners, shafts)● Sturdy and light, even with heavy-duty use● Compact gear housing with excellent overall size● High power transmission, quiet running with long service life● Tough, rugged and durable● Weight reduction and easy handling	

KEY FEATURES	
<ul style="list-style-type: none">● Die can be used in both directions (left, right)● Stable speed by forward and reverse motion	
TECHNICAL DATA	
Threading speed:	15 - 20 min ⁻¹
Rapid reverse speed:	27 min ⁻¹
Performance:	800 Watt
Current:	230 V/110 V
Weight:	4.9 kg
Dimensions:	456 x 168 x 76 mm

6



Compact design, only 4.9 kg, ideal for portable operation



Small head shape (11 cm)



Pipe roughing



SUPERTRONIC® 1250 Set

Sets include: SUPERTRONIC® 1250 up to Ø 1.1/4" with forged pipe clamp (No. 71279), precision die heads complete in plastic carrying case (No. 995858100)

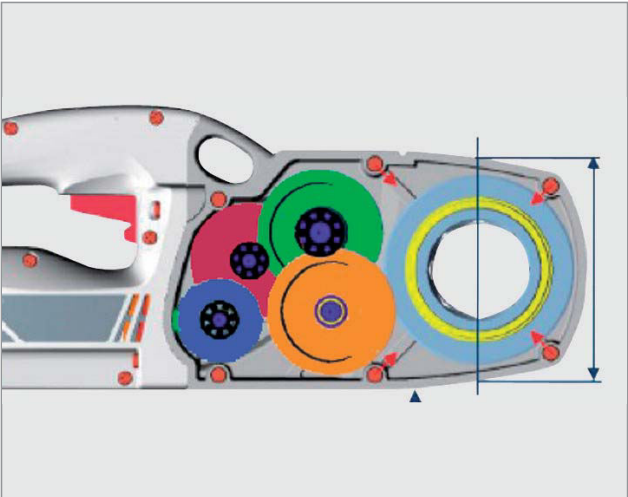
Small – Fast – Light (1/4 - 1. 1/4")!



Fig. SUPERTRONIC® 1250 Set (No. 71450)

Model	Description	kg		230 V	110 V
SUPERTRONIC® 1250 Set	BSPT 1/2" - 3/4" - 1" - 1.1/4"	14.5	1	71450	71451
SUPERTRONIC® 1250 Set	1/2 - 1.1/4" NPT	13.0	1	71454	71453
SUPERTRONIC® 1250	with forged pipe clamp, without die heads	3.9	1	71470	
Pipe clamp for SUPERTRONIC® 1250	up to max. 1.1/4"	1.6	1	71279	71279

Helical gears for maximum power (800 watt)



Steel pipe processing portable, fast and easy



ACCESSORIES

Description	
Die heads 1/4 - 2"	134
Dies 1/4 - 2"	134
Cutting fluid	135
Pipe roughing wrench	135



Threading

Threading electric

SUPERTRONIC® 2000

Power threader Ø 1/4 – 2"

For quick and effortless production of precise and reliable thread connections to approved standards



Product Profile

APPLICATION AREA

For threading of

BSPT right, BSPT left: Ø 1/4 - 2"

NPT: Ø 1/4 - 2"

High reduction gears with spur wheel teeth, induction tempered, 7 parallel gear shafts, each ball bearing mounted

High, consistent power transmission when fully loaded

Performance:

Strong 1010 W motor, double insulated with VDE and CEE, interference free for reliable long-term use

Threading speed:

15 - 25 min⁻¹, rapid reverse 60 min⁻¹

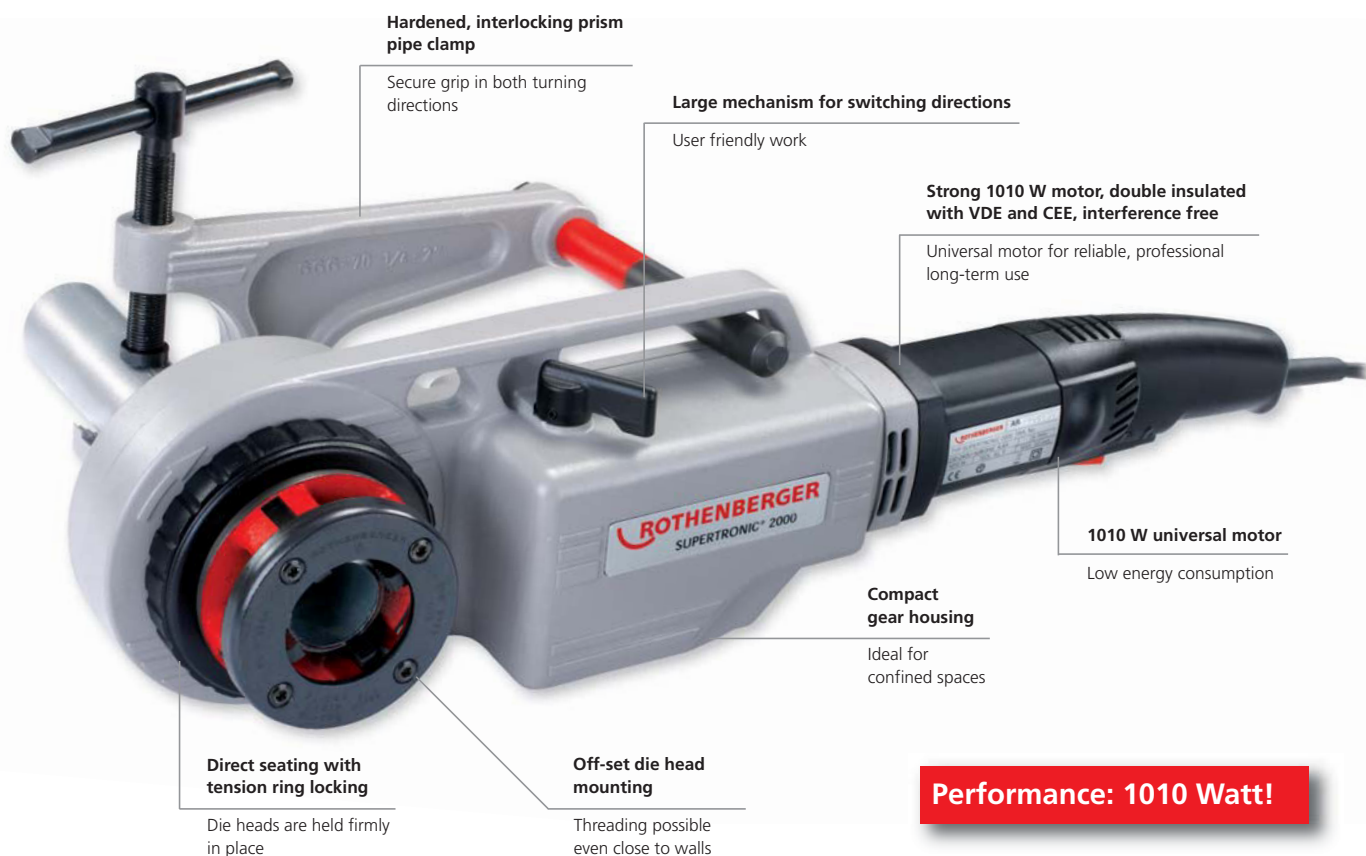
(4 x faster reverse with reverse drive)

Maintenance friendly with continuous lubrication

KEY FEATURES

- Secure grip in both turning directions with the hardened, interlocking prism pipe clamp
- Die heads are held firmly in place through direct seating with tension ring locking
- Off-set die head mounting allows for threading even close to walls
- Ideal for confined spaces (corners, shafts)
- User friendly work with the large mechanism for switching directions
- Reliable motor for long-term use

6



Easy insertion of the die heads



Use with roll grooving tool ROGROOVER



ROFIX adaptor (No. 71271)



High reduction gears



SUPERTRONIC® 2000 Set

Sets include: SUPERTRONIC® 2000 with pipe clamp (No. 71280), ROFIX-Adaptor (No. 71271), and precision die heads, complete in plastic carrying case (No. 071274X)

Can also be used in combination with a roll grooving tool!



Pipe clamp

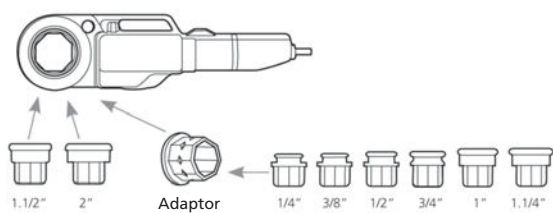


Fig. Similar, SUPERTRONIC® 2000 Set

Description	Model	kg		230 V	110 V
SUPERTRONIC® 2000 Set, BSPT R	1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"	14.5	1	71256	71258
SUPERTRONIC® 2000 Set, NPT	1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"	14.5	1	71257	71259
SUPERTRONIC® 2000	with forged pipe clamp, without die heads	6.8	1	71250	71251

Work in confined spaces



Die heads with the tripod universal workbench



ACCESSORIES

Description	
Die heads 1/4 - 2"	134
Dies 1/4 - 2"	134
Cutting fluid	135
Pipe roughing wrench	135



Threading

Threading electric



Precision Die Heads

With enlarged shaving discharge chambers

For faster threading, reinforced locking plate and precise die seating.
Fits in ROTHENBERGER SUPERTRONIC® 1000, SUPERTRONIC® 1250, SUPERTRONIC® 2000 and SUPER CUT threaders

BSPT R	No.	NPT	No.
1/4"	070821X	1/4"	070907X
3/8"	070822X	3/8"	070908X
1/2"	070823X	1/2"	070912X
3/4"	070824X	3/4"	070913X
1"	070825X	1"	070914X
1.1/4"	070826X	1.1/4"	070915X
1.1/2"	070842X	1.1/2"	070849X
2"	070843X	2"	070850X

6



Threading Dies

Precision Threading Dies

- Gentle first cut, extremely long life, 4 pieces / pack
- Optimum results are achieved with original ROTHENBERGER thread cutting fluid

BSPT R	No.	NPT	No.
1/4"	070831X	1/4"	070916X
3/8"	070832X	3/8"	070917X
1/2"	070833X	1/2"	070918X
3/4"	070834X	3/4"	070919X
1"	070835X	1"	070920X
1.1/4"	070836X	1.1/4"	070921X
1.1/2"	070869X	1.1/2"	070945X
2"	070870X	2"	070946X



ROFIX Adaptor

Fits small external octagonal die heads from Ø 1/4" up to 1.1/4"

- Easy insertion of the die head with tension ring locking

Tension ring locking



Description	kg	No.
ROFIX Adaptor with locking ring	0.8	71271

RONOL®

High-performance cutting oil

Product Profile

KEY FEATURES

- Excellent cooling and lubricating properties
- Durability of the threading die is increased considerably
- For perfect, clean threads
- Safe for skin contact
- Also suitable as cold lubrication when cutting metal



TECHNICAL DATA

Mineral oil basis

For threading of all materials including stainless steel

Emulsifying agent enables easy rinsing of the pipeline without unhealthy polychlorinated Biphenyl (PCB)

Mineral-based cutting oil is not permitted for drinking water installations - Please check your national regulations!

Model	Contents			No.
RONOL® Spray can	600 ml	0.58	12	65008
RONOL® Canister	5 l	4.60	4	65010



RONOL® SYN

High-performance cutting fluid



Product Profile

KEY FEATURES

- Excellent cooling and lubricating properties
- Able to handle high pressure
- Longer life for the cutting tool
- Safe for skin contact
- Also suitable as cold lubrication when cutting metal

TECHNICAL DATA

No mineral oils, purely synthetic:

Developed and approved for drinking water and plumbing installations. DVGW tested.

100% water soluble, physiologically neutral, silicone-free: easily washable



Emulsifying agent enables easy rinsing of the pipeline

No build-up of shavings: Perfect cooling quality

Good corrosion protection: No rusting

Undiluted application

High polymer, without EP-additives such as sulphur, phosphorus or chlorine: increased cutting performance

Model	Contents			No.
RONOL® SYN Spray can	600 ml	0.75	12	65013
RONOL® SYN Canister	5 l	5.20	4	65015



Threading

Threading electric

ROPOWER® 50 R

Portable compact threader Ø 1/4 - 2"

Quick and effortless production of precise and reliable pipe and bolt threads to approved standards



Product Profile	
APPLICATION AREA	
Use on building sites, for repairs and service, industrial use and for installation work	
For threading of:	
BSPT right:	Ø 1/4 - 2"
NPT:	Ø 1/4 - 2"
BSPP:	Ø 1/2 - 2"
BSW:	Ø 3/8 - 2"
Metric:	Ø 10 - 24 mm

KEY FEATURES	
<ul style="list-style-type: none">● Quick and reliable threading, trimming, deburring, and grooving● Effortless and comfortable transport with the light, navigable working carriage, which also serves as workbench● Complete pre- and post-processing of pipe● Easy to maintain machine design● Die head Type R (automatic with integrated oil feed)● Portable transport frame (standard)	
TECHNICAL DATA	
Performance:	1,150 Watt
Speed:	40 m ⁻¹
Weight:	68 kg
Dimensions (L x W x H):	535 x 430 x 340 mm

6

Pre- and post-processing of pipe

Self-centering pipe cutter

Precise cuts

Internal deburrer, snap in, 3-blade

Burr-free work

Impact hammer chuck with maximal clamping-force

No pipe slippage

Self-centering rear chuck

Quick and precise alignment of the pipe

Easy to maintain machine design

Motor double insulated in accordance with VDE

Safe operation

Stable high torque motor

Constant power transferral

Off-set spindle lubrication

Easy maintenance

Machine slightly angled

Reduced oil consumption, oil coating in pipe interior is avoided

Original RIDGID[®] threading dies can optionally be used!



Geared oil pump with filter system and adjustable fluid qualities

Constant oil flow quantities

Ampley dimensioned large plastic shavings collection trough

Easy to clean

ROPOWER® 50 R

Scope of delivery: ROPOWER® 50 R, automatic die head 1/2" - 2" (No. 56052), SS dies BSPT 1/2" - 3/4" (No. 056370X), 1" - 2" (No. 056371X), safety foot switch (No. 56335), collapsible stand (No. 56051), tool

Transportation Frame

(Included in delivery)

Carriage with storage space and a mount for the foot switch

Clearly arranged work

Collapsible undercarriage

Comfortable transport

With 2 plastic wheels

High mobility

Safety foot switch (No. 56335)

Increased safety

Die Head Type R

Automatic die head with integrated oil feed

Long life of the die heads

Optimal lubrication and cooling of the die heads

Long life

Fig. Collapsible stand (No. 56051) included in delivery!

6

Automatic die head with integrated oil supply



High mobility



Thread roughing



Cost-effective production of grooves



Model	Volt	kg	No.
ROPOWER® 50 R with automatic die head:			
BSPT R 1/2 - 3/4", 1-2"	230 V	1 88.5	56050
BSPT R 1/2 - 3/4", 1-2"	110 V	1 88.5	56045
BSPP R 1/2 - 3/4", 1-2"	230 V	1 88.5	56057
Collapsible Stand ROPOWER® 50 R		1 19.2	56051
Spare cutting wheel (PANDA 40, PANDA 90, PISET 3 SG, Nr. 6 SC 2 S, 2 SE, 3 S, 3 SE, 4 S, 4 SE)		1 0.02	70074
Supporting bolt for transport frame (contents 4 pieces)		0.7	56049
Supporting legs (contents 4 pieces)		5.0	56488

ACCESSORIES

Description	No.
Cutting fluid	135
Automatic die heads	140
Dies	141
NIPPLE MAX	145
Pipe roughing wrench	145 56500
ROGROOVER 1-6"	146 56505



Threading

Threading electric

SUPERTRONIC® 2 SE / 3 SE / 4 SE

Compact threader Ø 1/4 - 4"

Reliable and proven for constant professional use

Can also be used in combination with a roll grooving tool!



Product Profile

APPLICATION AREA

- Ideal for portable and stationary threading in the workshop, on-site, for repairs and service, trade and industry, pipeline construction, as well as for sanitary and heating installations
- Universal application, with or without stand, i.e. on a workbench

For threading of:

BSPT right:	Ø 1/4 - 4"
NPT:	Ø 1/4 - 4"
BSPP:	Ø 1/2 - 4"
BSW:	Ø 3/8 - 2"
Metric:	Ø 10 - 36 mm
	Ø 10 - 24 mm (2 SE)

KEY FEATURES

- Universal die head seating (standard or automatic)
- Precise guiding of the die head
- Low-wear and precise guiding
- Fast axial alignment of the pipe
- No pipe slippage with impact hammer chuck
- Burr-free work

6

Smooth action impact hammer chuck with maximal clamping force

No pipe slippage

Self-centering rear chuck

Axial alignment of the pipe

Working spindle with closed bearings on both sides

Low-wear and precise guiding

Dual-sided tool guide sled

Precise guiding of the die head

Tool / guide sled propulsion via turnstile

Finely controlled propulsion

Internal deburrer, snap in, 3-blade

Burr-free work

Modular system concept

Universal die head adaptor, optional in standard or automatic models

Sturdy oil pump with high flow power and adjustable fluid quantities, filter system integrated oil feed

Optimal lubrication and cooling

Large shavings collection trough made of plastic

Easy to clean

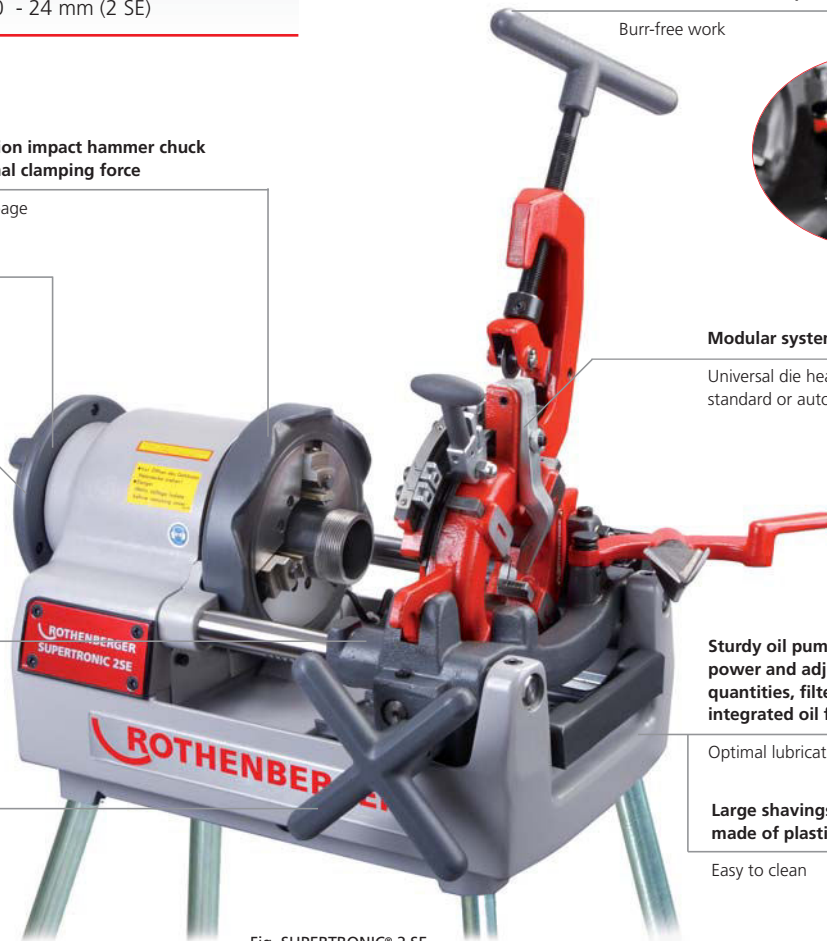


Fig. SUPERTRONIC® 2 SE

Impact hammer chuck with inter-changeable clamping jaw, optimal clamping properties through flexible adjustment and broad support



Automatic die heads with quick adjustment of thread size automatic thread length, finely adjustable thread depth without recentering



Fig. Transport Frame for 3 and 4 SE (No. 57050)

Threading

Threading electric

SUPERTRONIC® 2 SE

Compact threader Ø 1/2 - 2"

Standard Die Head: 1/2 - 2" (No. 56156)
Automatic Die Head 1/2 - 2" (No. 56266)

TECHNICAL DATA

Motor strength:	1,150 Watt
Speed:	40 m ⁻¹
Weight, with die heads:	68 kg
Dimensions (L x W x H):	535 x 430 x 340 mm

Scope of delivery: SUPERTRONIC 2 SE, automatic die head 1/2 - 2" (No. 56165) or automatic die head (No. 56266), SS threading dies 1/2 - 3/4" (No. 56003), 1 - 2" (No. 56007), safety foot switch (No. 56335), supporting legs (No. 56488), tool

SUPERTRONIC® 2 SE	kg	230 V	110 V
with Standard Die Head	68	56150	56120
BSPT R 1/2 - 3/4", 1 - 2"			
with Automatic Die Head	68	56175	56125
BSPT R 1/2 - 3/4", 1 - 2"			



SUPERTRONIC® 2 SE	No.
Deburrer without holder 2 SE	56198
Supporting legs (contains 4 pieces)	56488

SUPERTRONIC® 3 SE

Compact threader Ø 1/2 - 3"

Standard Die Head: 1/2 - 2" (No. 56156), 2 - 3" (No. 56104)
Automatic Die Head: 1/2 - 2" (No. 56266), 2.1/2 - 3" (No. 56288)

TECHNICAL DATA

Motor strength:	1,700 Watt
Speed:	33 m ⁻¹
Weight, with die heads:	100 kg
Dimensions (L x W x H):	650 x 480 x 420 mm

Scope of delivery: SUPERTRONIC 3 SE, standard die heads 1/2 - 2" (No. 56156) or automatic die heads (56266), standard die head 2 - 3" (No. 56104) or automatic die head 2 1/2 - 3" (56288), SS threading dies 1/2 - 3/4" (No. 56003), 1 - 2" (No. 56007), SS threading dies 2 - 3" (No. 56006), SS threading dies 2 1/2 - 3" (No. 56489), safety foot switch (No. 56335), supporting legs (No. 56491), tool

SUPERTRONIC® 3 SE	kg	230 V	110 V
with Standard Die Head	100	56250	56253
BSPT R 1/2 - 3/4", 1 - 2", 2 - 3"			
with Automatic Die Head	100	56255	56254
BSPT R 1/2 - 3/4", 1 - 2", 2.1/2 - 3"			



SUPERTRONIC® 3 SE	No.
Deburrer without holder 3 SE	56199

SUPERTRONIC® 4 SE

Compact threader Ø 1/2 - 4"

SUPERTRONIC® 4 SE with Automatic Die Head

TECHNICAL DATA

Motor strength:	1,750 Watt
Speed:	22 / 50 m ⁻¹
Weight, with die heads:	120 kg
Dimensions (L x W x H):	750 x 540 x 480 mm

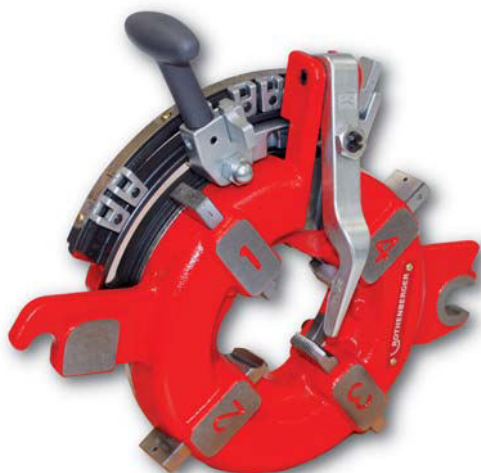
Scope of delivery: SUPERTRONIC 4 SE, BSPT automatic die head 1/2 - 2" (No. 56266), BSPT automatic die head 2 1/2 - 4" (No. 56289), SS threading dies 1/2 - 3/4" (No. 56003), SS threading dies 1 - 2" (No. 56007), SS threading dies 2 1/2 - 4" (No. 56294), safety foot switch (No. 56335), supporting legs (No. 56489), tool,

SUPERTRONIC® 4 SE	kg	230 V	110 V
with Automatic Die Head	120	56465	56475
BSPT R 1/2 - 3/4", 1 - 2", 2.1/2 - 4"			
Deburrer Blade 4 SE		56200	
Transport Frame for 3 and 4 SE	25	57050	



Threading

Threading electric



Precision Die Heads

For machine types ROPOWER® 50 R, PANDA, PISET, SUPERTRONIC® 2 S, 2 SE, 3 S, 3 SE, 4 S, 4 SE

Product Profile

KEY FEATURES

Standard die heads

- Time saving with a simple and quick change of the threading dies
- User friendly with the locking positioning which eliminates complicated calibration
- Longer life of the dies with the integrated lubrication
- Guaranteed consistent cutting oil film on the pipe surface

Product Profile

KEY FEATURES

Automatic die heads

- Simple and clear operation with the quick-adjustment thread sizes
- Automatic adjustable thread length for serial production
- Flexible work: Each thread size offers individual fine adjustment of the thread depth without recentering dimension change

Please note the die heads do not include threading dies!

Precision Threading Dies

High material quality and precise workmanship guarantee easy cutting, clean threads and extremely long service life with outstanding chip discharge. Manufactured from high-quality tempered steel. (only available in sets 4 or 5 pieces / pack)



For optimal threading results, use only with original ROTHENBERGER cutting fluid or cutting oil (see 135)!

Suitable for:

● Conical pipe threads - NPT

Taper Pipe Thread: ASME B1.20.1

External conical threads 1:16, 60° flank angle

● Metric bolt threads - M

Metric threads: ISO 261, DIN 13

Exterior threads, 60° flank angle

● Conical pipe threads - BSPT

Whitworth pipe threads: ISO 7-1, DIN EN 10226 (DIN 2999)

External conical threads 1:16, 55° flank angle

● English bolt threads - BSW

British Standard Parallel Screw: Thread of Whitworth

Form B.S.W, B.S 84: Exterior threads, 55° flank angle

● Cylindrical pipe threads - BSPP

Whitworth pipe threads: ISO 228-1, DIN 259

Exterior threads cylindrical, 55° flank angle

Overview Die Heads / Threading Dies

						ROPOWER® 50 R	SUPERTRONIC® 2 SE	SUPERTRONIC® 3 SE	SUPERTRONIC® 4 SE
Die heads			Threading dies						
Thread type	Size	No.	Size	No. SS-Steel	No. HSS-Steel stainl. steel/ Inox pipe				

Automatic die heads suitable for RIDGID¹⁾ threading dies

BSPT R	1/2 - 2"	56052	1/4-3/8"	56369	56379	●			
			1/2-3/4"	056370X	56380	●			
			1-2"	056371X	N/A	●			

NPT	1/2 - 2"	56053	1/4-3/8"	56372	N/A	●			
			1/2-3/4"	56373	N/A	●			
			1-2"	56374	N/A	●			

Automatic die heads suitable for ROTHENBERGER threading dies

BSPT R	1/2-2"	56266	1/2-3/4"	56003	56235		●	●	●
			1- 2"	56007	56236		●	●	●
	2.1/2-3"	56288	2.1/2 - 3"	56291	56237			●	●
	2.1/2-4"	56289	2.1/2 - 4"	56294	56238				●

NPT	1/2-2"	56271	1/2-3/4"	56111	56180		●	●	●
			1-2"	56112	56181		●	●	●
	2.1/2-3"	56268	2.1/2- 3"	56295	56183			●	●
	2.1/2- 4"	56269	2.1/2- 4"	56296	56184				●

ROTHENBERGER standard / manual die heads

BSPT R	1/4-3/8"	56153	1/4-3/8"	56001	56135	●	●	●	●
	1/2-2"	56156	1/2-3/4"	56003	56235	●	●	●	●
			1- 2"	56007	56236	●	●	●	●
	2- 3"	56104	2- 3"	56006	56121			●	●
	3.1/2- 4"	56032	3.1/2- 4"	56008	56122				●

NPT	1/4-3/8"	56118	1/4- 3/8"	56110	N/A	●	●	●	●
	1/2-2"	56156	1/2- 3/4"	56111	56180	●	●	●	●
			1-2"	56112	56181	●	●	●	●
	2.1/2-3"	56104	2.1/2"-3"	56114	N/A			●	●

BSPP	1/2-1.1/4"	56076	1/2-3/4"	56095	N/A	●	●	●	●
			1-1.1/4"	56096	N/A	●	●	●	●
	1.1/2-3"	56077	1.1/2- 2"	56097	N/A			●	●
			2.1/2-3"	56098	N/A			●	●

BSW	3/8-1"	56153	3/8"	56009	56161	●	●	●	●
			1/2"	56010	56162	●	●	●	●
			5/8"	56011	56163	●	●	●	●
			3/4"	56012	56164	●	●	●	●
			7/8"	56013	56165	●	●	●	●
			1"	56014	56166	●	●	●	●
	1.1/8-2"	56310	1.1/8-1.1/4"	56185	N/A	●	●	●	●
			1.1/2"	56186	N/A	●	●	●	●
			1.5/8-1.3/4"	56187	N/A	●	●	●	●
			1.7/8-2"	56188	N/A	●	●	●	●

Metric	10 - 24	56133	10	56081	56351	●	●	●	●
			12	56082	56352	●	●	●	●
			14 - 16	56083	56353	●	●	●	●
			18 - 22	56085	56355	●	●	●	●
	27 - 36	56315	24	56088	56358	●	●	●	●
			27	56189	N/A	●	●	●	●
			30 - 33	56190	N/A	●	●	●	●
			36	56191	N/A	●	●	●	●

ROTHENBERGER die heads and threading dies for plastic coated pipes

BSPT R	1/2-2"	56266	1/2-3/4"	56002	N/A		●	●	●
			1-2"	56005	N/A		●	●	●
	1/2-2"	56156	1/2- 3/4"	56002	N/A	●	●	●	●
			1-2"	56005	N/A	●	●	●	●



1) RIDGID® is a registered trade mark of the Emerson Electric Co., St. Louis, USA

N/A: not available

Threading

Threading electric

COLLINS CLASSIC 22 / RHINO 4"

Stationary threader up to Ø 4"

Heavy-duty threading machine for professional mobile and stationary use



Product Profile

APPLICATION AREA

For the hardest, long term preparatory and serial production requirements in the workshop and on-site, in trade and industry, for pipeline construction as well as for sanitary and heating installations

For the threading of:

BSPT right:	Ø 1/2 - 4"
NPT:	Ø 1/2 - 4"
BSPP:	Ø 1/2 - 4"
Metric:	Ø 12 - 52 mm

KEY FEATURES

Standard Die Head

- Only one die head is needed to cut BSPT right / left, BSPP and metric thread types

Cost saving

- Easy to use with simple and quick change of dies

KEY FEATURES

Automatic Die Head

- Simple and clear operation, easy to use
- Versatile work with the adjustable auto thread length and thread depth
- Long service life with the HSS precision dies, with easy first cut
- Long life with the optimal cut geometry and outstanding chip discharge

TECHNICAL DATA

Powerful universal motor, runs R/L

Motor is double insulated in accordance with VDE

High working speed

With 6 brush motor for higher torque

Overload protection, security stop switch, over-run stop

Operational hour counter

Motor control light

6

SUPER GRIP Chucking System

Automatic quick grip chuck: R/L chucking, 4 double chucks at both front and rear of machine ensure that pipe is automatically gripped and centred with maximum gripping power

Centred and absolute no-slip grip

Chuck jaws easy to exchange

Easy to maintain

Cooling / Lubrication

Central lubrication for spindle drive

Easy maintenance

Sturdy, largely dimensioned oil pump with integrated oil feed

Optimal cooling and lubrication

Large, well-positioned shavings collection trough

Easy to empty

Guide sled with rack-drive driven on both sides

Precise guiding

Precision pipe cutter, driven on both sides, with review panel, 5-blade deburrer

Precise cutting and deburring



SUPER GRIP detailed view



SUPER GRIP pipe chuck system



COLLINS CLASSIC 22 A

Threading up to Ø 2"

Product Profile

TECHNICAL DATA

Performance:	1,800 Watt
Speed:	72 m ⁻¹
Weight:	133 kg
Dimensions (L x W x H):	960 x 480 x 470 mm

With Collins SUPER GRIP Chucking System!

Scope of delivery: COLLINS CLASSIC 22 A Set with UNIQUAD die head 1/8 - 2" (No. 57015), HSS dies 1/2 - 3/4" (No. 57022), 1 - 2" (No. 57025), safety foot switch (No. 56335), tool, (without transport stand No. 57005)

Model	kg	230 V	110 V
with Standard Die Head	133	57070	57071

Model	kg	No.	Model	kg	No.
Deburrer up to 2", conical, with 5 blades	1.20	57011	Replacement cutting wheel for pipe cutter	0.04	57010
Transport stand, full rubber tyres	24.20	57005	Safety foot switch, 230 V	2.36	56335



COLLINS RHINO 4" Set

Threader up to Ø 4"

Product Profile

TECHNICAL DATA

Performance:	2,800 Watt
Speed:	25 m ⁻¹
Weight:	216 kg
Dimensions (L x W x H):	1,050 x 610 x 560 mm

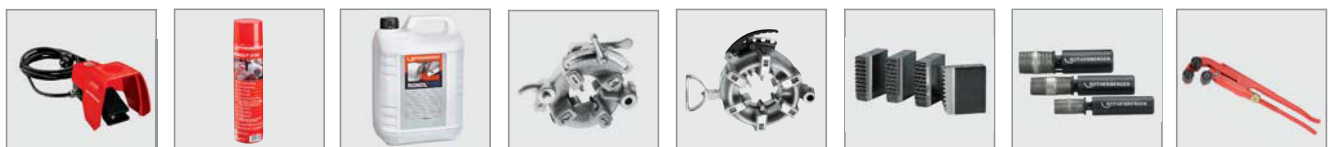
With Collins SUPER GRIP Chucking System!

Scope of delivery: COLLINS RHINO 4" Set with UNIQUAD die head 1/8 - 2" (No. 57015), Quadmatic Die Head 2.1/2 - 4" (No. 57016) HSS dies 1/2 - 3/4" (No. 57022), 1 - 2" (No. 57025), 2.1/2 - 4" (No. 57024), Safety foot switch, (No. 56335), tool (without transport stand No. 57105)

Model	kg	230 V
with Standard Head	216.00	57100
Transport stand, full rubber tyres	24.20	57105



ACCESSORIES



Description	kg	No.	Description	kg	No.
Safety foot switch, 230 V	2.36	145 56335	Pipe roughing wrench	1.15	56500
Cutting fluid	135		Deburrer up to 2", conical with 5 blades	1.20	57011
High-performance die heads	144		Deburrer up to 4", bladed with 2 blades	0.70	57111
Precision dies	144		Replacement cutting wheel for pipe cutter	0.04	57110
NIPPLE MAX	145		Transport stand, full rubber tyres	24.20	57105

Threading

Threading electric

High-Performance Die Heads

For CLASSIC 22 A and RHINO 4"

For pipe threads Ø 1/8 - 4" and for bolt threads Ø M 6 - M 52

Product Profile

KEY FEATURES

- Simple and quick change of Dies without complication calibration
- Automatic lubrication through the Die head guarantees constant cutting oil film on the pipe surface and a long life for the dies



Model UNIQUAD



Model QUADMATIC



Model AUTOMATIC

Die head thread type	Cutting range	also suitable for dies	AM 300 PR Standard	Auto	COLLINS CLASSIC Standard	COLLINS RHINO Standard	kg	No.
BSPT UNIQUAD *	1/8 - 2"	BSPP 1/8 - 2" M 6 - M 52 mm	●	○	●	●	5.1	57015
BSPT QUADMATIC *	2.1/2 - 4"	BSPP 2.1/2 - 4"				●	17.9	57016
BSPT Automatic *	1/2 - 2"	BSPP 1/2 - 2"	○	●	○	○	4.8	57017
NPT UNIQUAD *	1/8 - 2"		○	○	○	○	4.9	57018
NPT Automatic *	1/2 - 2"		○	○	○	○	5.1	57019
○ = included ● = optional * = Threading dies not included								

Precision Threading Dies

CLASSIC 22 A / RHINO 4" (only available in 4 pc. / set)

- Technically perfect, high material quality and precise workmanship guarantee easy cutting, clean threads and extremely long service life
- Optimised cutting geometry and outstanding chip discharge

Thread type size	Thread per inch	for die head	g	No.
HSS - Threading Dies, BSPT right with pivot				
1/8"	28	57015	660	57020
1/4 - 3/8"	19	57015	660	57021
1/2 - 3/4"	14	57015 + 57017	630	57022
1 - 2"	11	57017	590	57025
2.1/2 - 4"	11	57016	2,800	57024
HSS - Threading Dies, BSPT left				
1 - 2"	11	57015	590	57082
HSS - Threading Dies, NPT				
1/8"	27	57018	460	57060
1/4 - 3/8"	18	57018	460	57061
1/2 - 3/4"	14	57018 + 57019	460	57062
1 - 2"	11	57018 + 57019	460	57063
HSS - Threading Dies, BSPP				
1/8"	28	57015	460	57030
1/4 - 3/8"	19	57015	460	57031
1/2 - 3/4"	14	57015 + 57017	460	57132
1 - 2"	11	57015 + 57017	460	57133
2.1/2 - 3"	11	57016	2,300	57134
3.1/2 - 4"	11	57016	2,300	57135

Thread type size	Thread pitch	for die head	g	No.
HSS - Threading Dies, metric				
8 mm	1.25	57015	690	57032
10 mm	1.50	57015	670	57033
12 mm	1.75	57015	660	57034
14 mm	2.00	57015	650	57035
16 mm	2.00	57015	650	57036
18 mm	2.50	57015	640	57037
20 mm	2.50	57015	640	57038
22 mm	2.50	57015	590	57039
24 mm	3.00	57015	620	57041
27 mm	3.00	57015	600	57042
30 mm	3.50	57015	580	57043
33 mm	3.50	57015	580	57044
36 mm	4.00	57015	560	57055
39 mm	4.00	57015	560	57045
42 mm	4.50	57015	500	57046
45 mm	4.50	57015	450	57056
48 mm	5.00	57015	450	57057
52 mm	5.00	57015	450	57058

Pipe Supporting Column

Adjustable height, from 780 up to 1,200 mm with ball track. Maximum carrying capacity 120 kg



Model	Height / mm	kg	No.
For pipes up to 6"	780 - 1,200	5.8	56047

Replacement Safety Foot Switch

For all ROTHENBERGER threading machines

- Complies with industrial associations' safety and accident prevention requirements
- With oil-proof rubber cable and plug
- Foot switch should not be pushed all the way down (OFF-ON-OFF)



Model	kg	No.
3 step, with emergency stop switch, 230 Volt	2.5	56335

Pipe Roughing Wrench 3/8 - 2"

Wrench made of forged steel, with hardened rolls. Consistent, thread-saving roughing of the entire area



Model	L mm	kg	No.
Pipe Roughing Wrench	335	1.15	56500
Replacement roughing rolls (3 pc.)		0.30	56501

NIPPLE MAX

NIPPLE MAX Ø 1/2 - 2"

For the production of nipples and double nipples, grips short pipe lengths from within; hardened, sharpened gripping jaws. For all stationary threading machines, PANDA, PISET, ROPOWER and SUPERTRONIC.

- Recycling pipe scraps saves money, material and time
- Automatic quick grip of the pipe piece without the need for additional tools
- Pipes are gripped from within and centred: No damage to pipe piece



Set (No. 56056) includes: Nipple chuck 1/2" (No. 56060), 3/4" (No. 56061), 1" (No. 56062), 1.1/4" (No. 56063), 1.1/2" (No. 56064), steel carrying case (No. 26410)

Model	kg	No.
NIPPLE MAX Set		
1/2 - 3/4 - 1 - 1.1/4 - 1.1/2"	4.4	56056
Nipple chuck 1/2"	0.4	56060
Nipple chuck 3/4"	0.5	56061

Model	kg	No.
Nipple chuck 1"	0.7	56062
Nipple chuck 1.1/4"	0.8	56063
Nipple chuck 1.1/2"	0.9	56064
Nipple chuck 2"	1.2	56065

Threading

Roll Grooving

ROGROOVER 1 - 6"

Portable rolling groover for steel pipes up to Ø 6" (168 mm) for rapid rolling of grooves on standard and thin-walled steel pipes

Suitable for installations, sprinkler systems, larger heading units, industrial use and mining

APPLICATION AREA

Standard and thin-walled steel pipes up to 6" (168 mm)
Light weight and compact design allows for use with the threaders:

SUPERTRONIC® 2000	ROPOWER® 50 R
SUPERTRONIC® 2 SE	SUPERTRONIC® 3 SE
SUPERTRONIC® 4 SE	

KEY FEATURES

- Quick connection of pipes anywhere where welding isn't allowed!
- Long life and little wear
- Easy to transport with the light-weight aluminium casing
- Adjustable and finely-controlled arrester for consistent groove depth
- Convenient, easy and time-saving operation

Model	kg		No.
ROGROOVER for SUPERTRONIC® 2000	14.5	1	56509
ROGROOVER for ROPOWER® 50 R, SC 2 SE, REX 2"	14.5	1	56505
ROGROOVER for SUPERTRONIC® 3 SE and REX 3"	14.5	1	56506
ROGROOVER for SUPERTRONIC® 4 SE	14.5	1	56507
ROGROOVER for Ridgid 300	16.0	1	56504
ROGROOVER for REX 4"	14.5	1	56508

Extremely light: 12 kg!



Model	No.
Support rail 2"	56510
Support rail 3"	56511
Support rail 4"	56512
Seating adaptor SUPERTRONIC®	56514
Pressure roller set 1" for ROGROOVER	56521
Pressure roller set for ROGROOVER 1.1/4 - 1.1/2"	56522
Pressure roller set for ROGROOVER 2 - 6"	56523
Tripod workbench	70751

Hand Roll Groover 1 - 12"

Manageable and compact hand roll groover for producing of grooves on installed thin- and standard Steel pipes up to 12" (324 mm)

Suitable for installations, sprinkler systems, larger heating units, industrial use and mining.

APPLICATION AREA

For standard grooves on installed pipes from 1 - 12"

KEY FEATURES

- For pipes from Ø 1"
- Quick connection of pipes anywhere where welding is not allowed!
- Easy transportation due to small dimension
- Adjustable and finely-controlled arrester
- 1/2" ratchet for both adjustment

TECHNICAL DATA

Working range:	1 - 12" (324 mm)
Pipe wall-thickness:	1 - 6" SCHL10 + SCHL40 4 - 6" SCHL40 8 - 12" SCHL10
Weight:	12.0 kg
Depth gauge:	2 distance plates included
Dimensions:	195 mm x 210 mm x 210 mm



Application on tripod workbench



Fixture for stabiliser



Model	kg		No.
Hand Roll Groover 2 - 6"	12.0	1	1000000212
Roller-SET 1"	0.59	1	1000000720
Roller-SET 1.1/4 - 1.1/2"	0.62	1	1000000721
Roller-SET 2 - 6"	1.00	1	1000000850
Roller-SET 4 - 6"	2.48	1	1000000722
Roller-SET 8 - 12"	2.70	1	1000000723

ROGROOVER 1 - 12"

Electro-hydraulic rolling groover for steel pipes
Ø 1 - 12" (33 - 324 mm) for rolling of grooves

Product Profile

APPLICATION AREA

Suitable for installations, sprinkler systems, larger heading units, industrial use and mining

KEY FEATURES

- Pressure rollers toolless adjustable due to revolver-button
- Safe working with foot switch and emergency stop switch, as lighting in workplace
- Reliable, powerful 1.500 Watt Motor
- Quick and fine adjustment for groovers and regulation

TECHNICAL DATA

Working Area:	1 - 12" (60 - 324 mm)
Wall thickness of pipe:	3 - 10 mm
Weight:	175 kg
Dimensions:	685 x 474 x 960 mm
Voltage:	110 V-50 Hz, 230 V-50 Hz / 60 Hz
Power:	1.500 W
Torque:	36 r/min.
Max. working pressure:	27.750 N

Fine adjustment of groover depth
and Regulation

Für optimum results

Control panel

Power supply, light and
emergency stop switch

Revolver-button with
integrated pressure rollers

Easy, fast and toolless



Surrounding steel pipe frame

Protection & carrying frame

Function only via foot switch

Safety for the User

3-way adjustment of the pressure
rollers size



Drive shaft and
measuring tape in the delivery



Adjustable Pipe support stand

Ball bearing suspensions
for easy handling



Scope of delivery: ROGROOVER Machine 1 -12", Pipe support stand, Drive shaft, 1 - 1.1/2" and 8 - 12", Diameter measuring tape

Model	kg		No.
ROGROOVER 1-12", 230 V-50 Hz	175,0	1	1500001351
ROGROOVER 1-12", 230 V-60 Hz	175,0	1	1500001352
ROGROOVER 1-12", 110 V-50 Hz	175,0	1	1500001353

Description	kg		No.
Pipe support stand	33,00	1	1500001990
Diameter measuring tape	0,05	1	1500000134
Transport stand	25,00	1	57050

ONE of 6.000

Premium tools for
professionals!



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