

# Cutting

## Cutting Metal Manual

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### 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



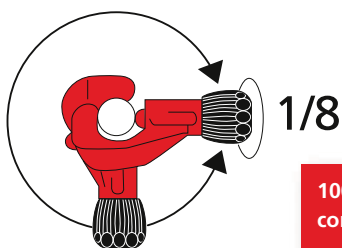
### TUBE CUTTER 35 DURAMAG® Counter Display

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	mm	mm	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	27 150000237
Internal / External deburrer, Ø 10 - 54 mm	27 150000236
GRATFIX	28 21655
UNIGRAT	28 21660
Spare cutter wheels	17



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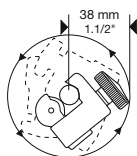
### MINICUT I PRO / II PRO

Copper pipe cutter  $\varnothing$  3 - 22 mm (1/8 - 7/8")

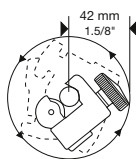
Ideal for maintenance and repair work!



No. 70401



No. 70402



#### KEY FEATURES

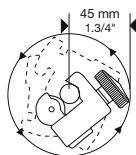
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (38 mm and/or 1.1/2" I PRO/42 mm and/or 1.5/8" II PRO) allows use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts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

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

### MINICUT 2000

Copper pipe cutter  $\varnothing$  6 - 22 mm (1/4 - 7/8")

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



#### KEY FEATURES

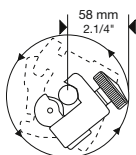
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (45 mm and/or 1.3/4") allows use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

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

### MINI MAX

Copper pipe cutter  $\varnothing$  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	<b>70015</b>
Spare cutter wheel			20	1(5)	<b>070017D</b>
Spare axle			5	1	<b>70041</b>

### 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	<b>71019</b>
TUBE CUTTER 50	12 - 50	1/2 - 2"	520	1 4	<b>70065</b>

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

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

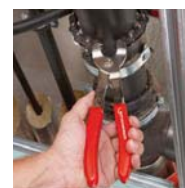
Model	 mm		 g	No.
Size 2	50 - 127	2 - 5"	1850	<b>70142</b>
Size 1 Spare axle			20	<b>70042</b>
Size 1 Spare deburrer complete			5	<b>7500041</b>
Size 2 Spare axle			5	<b>70149</b>

### 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		 g	No.
Chain pipe cutter	20 - 100	1 - 4"	575	<b>70285</b>
Spare cutter wheel chain			180	<b>70286</b>

#### ACCESSORIES

Model		No.
Internal / External deburrer, Ø 6 - 35 mm	<b>27</b>	<b>150000237</b>
Internal / External deburrer, Ø 10 - 54 mm	<b>27</b>	<b>150000236</b>
GRATFIX	<b>28</b>	<b>21655</b>
UNIGRAT	<b>28</b>	<b>21660</b>
Spare cutter wheels	<b>17</b>	





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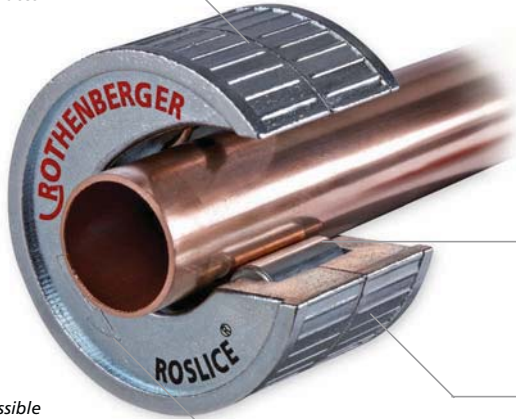
### ROSLICE®

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	<b>88812</b>
ROSLICE®	15 mm	1 230	<b>88815</b>
ROSLICE®	18 mm	1 260	<b>88818</b>
ROSLICE®	22 mm	1 250	<b>88822</b>
Spare cutter wheel	1.1/8", 12 mm	5 36.3	<b>088840D</b>
Spare cutter wheel	5/8"-7/8", 15-22 mm	5 34.6	<b>088841D</b>
Spare cutter wheel	1/2"-3/4", 18 mm	5 37.4	<b>088842D</b>

### 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 <b>71085</b>
Spare cutter wheel (contains 5 pcs.)			20	1(5) <b>070056D</b>
Spare axle			5	<b>70041</b>



**INOX!**

### INOX TUBE CUTTER

Ratchet telescopic pipe cutter Ø 6 - 60 mm (1/4 - 2.1/8") for the precise cutting of stainless steel pipes

#### 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 - 2.1/8"	305	4	<b>70340</b>
Spare cutter wheel			20	1(2)	<b>70341</b>



### INOX TUBE CUTTER 35 / 42 PRO

**INOX!**

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

#### 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	<b>70055</b>
INOX TC 42 PRO	6 - 42	1/4 - 1.5/8"	510	<b>70070</b>
Spare cutter wheel (contains 5 pcs.)			20	<b>070056D</b>
Spare deburring blade			10	<b>21652</b>

#### ACCESSORIES

Model		No.
Internal / External deburrer, Ø 6 - 35 mm	<b>27</b>	<b>1500000237</b>
Internal / External deburrer, Ø 10 - 54 mm	<b>27</b>	<b>1500000236</b>
GRATFIX	<b>28</b>	<b>21655</b>
UNIGRAT	<b>28</b>	<b>21660</b>
Spare cutter wheels	<b>17</b>	





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### 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

Thread for handle



Handle (included in delivery)



Anti-slip surface

Reliable grip

#### KEY FEATURES

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

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

### SUPER 1.1/4" and 2"

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	<b>70040</b>	INOX SUPER 1.1/4"	10 - 42	1/8 - 1.1/4"	1040	<b>70086</b>
SUPER 2"	10 - 60	1/8 - 2"	2155	<b>70045</b>	INOX SUPER 2"	10 - 60	1/8 - 2"	2155	<b>70087</b>
1.1/4" Spare cutter wheel (contains 3 pcs.)				20	<b>070046D</b>	1.1/4" Spare cutter wheel (contains 2 pcs.)			
1.1/4" Spare axle				5	<b>70048</b>	1.1/4" Spare axle			
2" Spare cutter wheel (contains 3 pcs.)				20	<b>070051D</b>	2" Spare cutter wheel (contains 2 pcs.)			
2" Spare axle				5	<b>70053</b>	2" Spare axle			

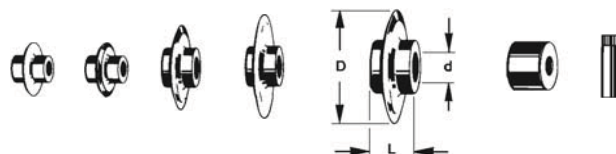
#### ACCESSORIES



Model	No.
Internal / External deburrer, Ø 6 - 35 mm	<b>27 150000237</b>
Internal / External deburrer, Ø 10 - 54 mm	<b>27 150000236</b>
GRATFIX	<b>28 21655</b>
UNIGRAT	<b>28 21660</b>
Spare cutter wheels	<b>17</b>

### Pipe Cutters, Cutting Wheels and Spare Parts

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



Pipe cutter type	Model for pipe - Ø	No.	Cutting wheel No.	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 MINICUT II PRO	3 - 16 mm	70401	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70023	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
	6 - 22 mm	70402	070017D	4.8 / 5.95 / 18.5	5	3.0	70041	4.7 / 14 / M3	70023	-	
MINICUT 2000	3 - 22 mm	70105	070017D	4.8 / 5.9 / 18.5	5	3.0	70041	4.7 / 14 / M3	-	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
MINIMAX	3 - 28 mm	70015	070017D	4.8 / 5.9 / 18.5	5	3.0	70041	4.7 / 14 / M3	-	-	
TUBE CUTTER 30 PRO	3 - 30 mm	71019	070017D	4.8 / 5.9 / 18.5	5	3.0	70041	4.7 / 14 / M3	70067	-	Copper pipe (Cu), Brass pipe (Ms), Aluminium pipe (Al), thin-walled Steel pipe (Fe), PVC hard plastic pipe Plastic coated pipe
TUBE CUTTER 35 + 35 C TUBE CUTTER 42 PRO	6 - 35 mm 6 - 42 mm	070027(C) 70029	070017D 070017D	4.8 / 5.95 / 18.5 4.8 / 5.95 / 18.5	5 5	3.0 3.0	70041 70041	4.7 / 14 / M3 4.7 / 14 / M3	70067 70067	21652 21652	
TUBE CUTTER 35 MSR TUBE CUTTER 42 PRO MSR	6 - 35 mm 6 - 42 mm	70108 70109	070188D 070188D	4.8 / 5.9 / 19.3 4.8 / 5.9 / 19.3	5 5	3.0 3.0	70041 70041	4.7 / 14 / M3 4.7 / 14 / M3	70067 70067	21652 21652	Multi-layered composite pipe
TUBE CUTTER 50	12 - 50 mm	70065	070017D	4.8 / 5.9 / 18.5	5	3.0	70006	4.7 / 16 / M4	-	-	
AUTOMATIK Pipe Cutter	Size 1 6 - 67 mm	70030	070017D	4.8 / 5.9 / 18.5	5	3.0	70041	4.7 / 16 / M4	-	21652	Cu, Ms, Al, Fe thin-walled.
		70031	070028D	4.8 / 11 / 29.0	3	7.0	70041	4.7 / 16 / M4	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. Cu, Ms, Al, Fe
		70142	070057D	8 / 11 / 29.0	2	7.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. PP pipes
	Size 2 50 - 127 mm	70032	055054D	8 / 11 / 40.0	3	13.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. PP pipes
		70032	055053D	8 / 11 / 30.5	2	8.6	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. PP pipes
	Size 3 100 - 168 mm	70033	055074D	8 / 11 / 45.0	2	16.0	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. PP pipes
70033	055053D	8 / 11 / 30.5	2	8.6	70149	7.9 / 23.5 / 1/4"	-	21652	PE-, PP-, VPE, PB- and PVDF pipes thin-walled. PP pipes		
TUBE CUTTER 28 TUBE CUTTER 42	3 - 28 mm 3 - 42 mm	70010 70011	070007D 070007D	4.8 / 3 / 16 4.8 / 3 / 16	3 3	2.5 2.5	70080 + 70081 70080 + 70081	4.7 / 9 / SR 4.7 / 9 / SR	80679 80679	- -	Cu, Ms, Al, Fe thin-walled. Cu, Ms, Al, Fe thin-walled.
TUBE CUTTER 42 PRO PVC	6 - 42 mm	70072	070028D	4.8 / 6 / 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" 1/8" - 2"	70040	070046D	7.5 / 13.5 / 26	3	5.5	70048	7.4 / 30 / -	70047	-	Steel pipe
		70045	070051D	9.0 / 19 / 31.5	3	7.0	70053	8.9 / 35 / -	70052	-	Steel pipe
Steel Pipe Cutter ENORM	2" - 4"	70060	070061D	9.7 / 27 / 41.5	2	7.0	70064	9.4 / 52 / -	70063	-	Steel pipe
INOX TUBE CUTTER 30 PRO	3 - 30 mm	71085	070056D	4.8 / 5.9 / 18.5	5	4.0	70041	4.7 / 14 / M3	70068	-	Stainless steel pipe
INOX TUBE CUTTER	6 - 60 mm	70340	70341	6 / 10 / 30	2	3.0	70041	4.7 / 14 / M3	70068	21652	Stainless steel pipe
INOX TUBE CUTTER 35 INOX TUBE CUTTER 42 PRO	6 - 35 mm 6 - 42 mm	70055	070056D	4.8 / 5.9 / 18.5	5	4.0	70041	4.7 / 14 / M3	70068	21652	Stainless steel pipe
		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" 1/8" - 2"	70086	070088D	7.5 / 13.5 / 26	2	5.5	70048	7.4 / 30 / -	70047	-	Stainless steel pipe
		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.