

Cutting

Cutting Metal Manual

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!**



Exact telescopic guide

Precise cutting

Cutter wheel
 compartment

Spare cutter wheel
 always within reach

Easy turning of the
 adjustment knob

Quick adjustment of the
 working area

Always within reach

Retractable internal
 pipe deburrer

Two guide rollers with recess

Cuts near to flares

For copper and aluminium



For MSR-pipes



For INOX (Stainless Steel)-pipes



For refrigeration technology



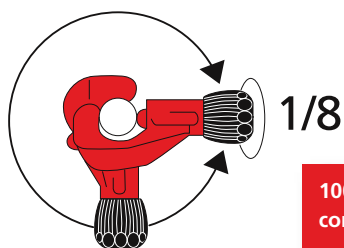
TUBE CUTTER 35 DURAMAG® Counter Display

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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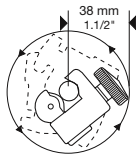
MINICUT I PRO / II PRO

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

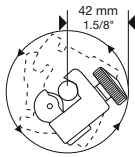
Ideal for maintenance and repair work!



No. 70401



No. 70402



KEY FEATURES

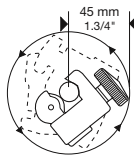
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (38 mm and/or 1.1/2" I PRO/42 mm and/or 1.5/8" II PRO) allows use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts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

Model	mm	inch	g		No.
MINICUT I PRO	3 - 16	1/8 - 5/8"	115	1 4	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 \varnothing 6 - 22 mm (1/4 - 7/8")

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



KEY FEATURES

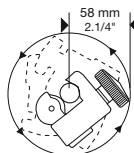
- For copper, brass, aluminium, thin-walled steel pipes
- Handy design with small working radius (45 mm and/or 1.3/4") allows use in hard-to-reach places
- Effortless pressure control with the large knurled knob and handy design
- Two guide rollers with recess for cuts near flares

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

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	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	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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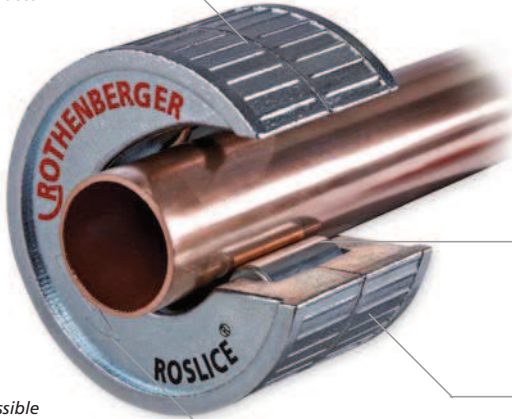
ROSLICE®

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!

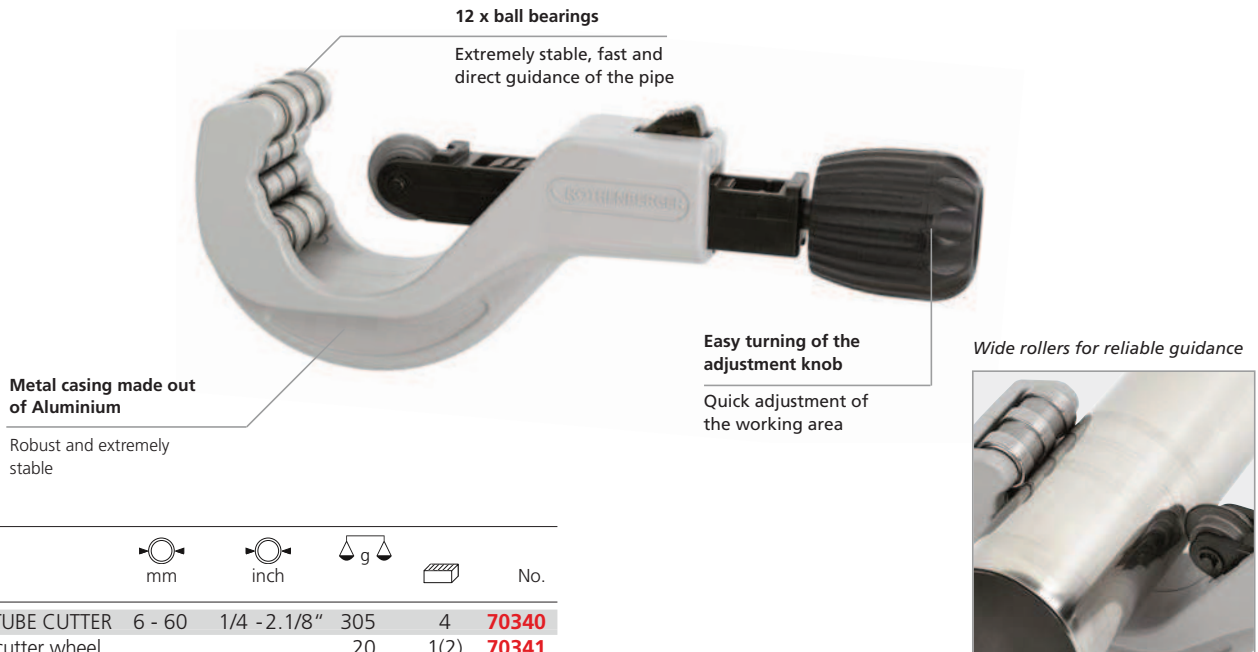
INOX TUBE CUTTER

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	6 - 60	1/4 - 2.1/8"	305	4	70340
Spare cutter wheel			20	1(2)	70341

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	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	27	1500000237
Internal / External deburrer, Ø 10 - 54 mm	27	1500000236
GRATFIX	28	21655
UNIGRAT	28	21660
Spare cutter wheels	17	



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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	70060	Spare axle	5	70064
Spare cutter wheel (contains 2 pcs.)				20	070061D		

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	70040	INOX SUPER 1.1/4"	10 - 42	1/8 - 1.1/4"	1040	70086		
SUPER 2"	10 - 60	1/8 - 2"	2155	70045	INOX SUPER 2"	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

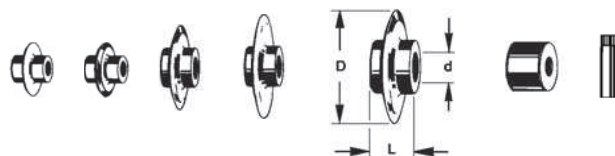
ACCESSORIES



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

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	-	-	
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	
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
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
		70142	070057D	8 / 11 / 29.0	2	7.0	70149	7.9 / 23.5 / 1/4"	-	21652	thin-walled. Cu, Ms, Al, Fe
	Size 2 50 - 127 mm	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	
	Size 3 100 - 168 mm	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 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.