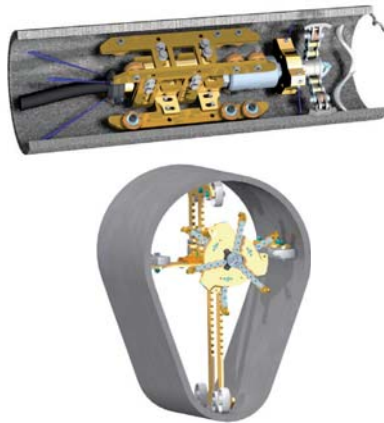


# Wire rope and chain scraper

The Chain scraper head **enz golden jet®** is an apparatus which has many uses and is simple in handling and maintenance. Several different pipe diameters can be cleaned with the same tool. Layers of mineral deposits and concrete residues are efficiently removed.



## Applications

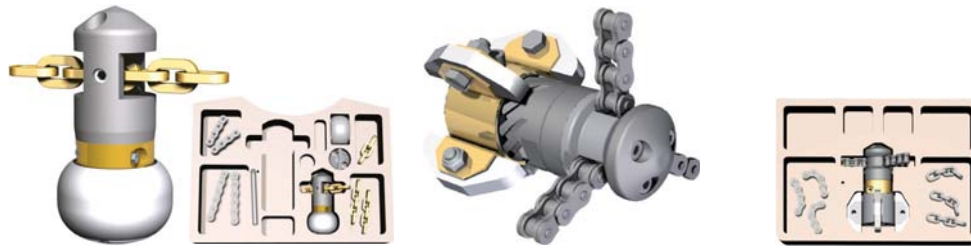
- As preliminary operation before renovation with inliners, coatings or by injections
- Complete root removal
- Removal of incrustations and deposits
- Removal of concrete residues in newly installed sewage pipelines prior to inspection
- Equipped with link chains, the tools are suitable for removing certain damaged inliners

Working pressure up to 250 bar



# Wire rope and chain scraper

Chain scraper 1/4" - 1"



	10.028	10.060ATR	10.060BTR	10.060ATR/BTR-SET
	1/4	3/8	1/2	
	40 - 100	60 - 150 (200*)		incl.skids and chain for Ø 100, 125, 150
	20	30 (50*)		
	3 × M4	1 × M6		
	3 × M4	4 × M6		
	250	250		
	40/28 × 81	40 × 112		
	0.32	0.947		
	—	x		



	10.125TR-125 / 150 / 200 / 250	10.125TR-SET
	1	
	125 - 250 (300*)	incl.skids and chain for Ø 125, 150, 200, 250
	50 (150*)	
	1 × M6 up to 200 l 3 × M6 from 200 l	
	4 × M8	
	250	
	60 × 144	
	2.5	
	x	

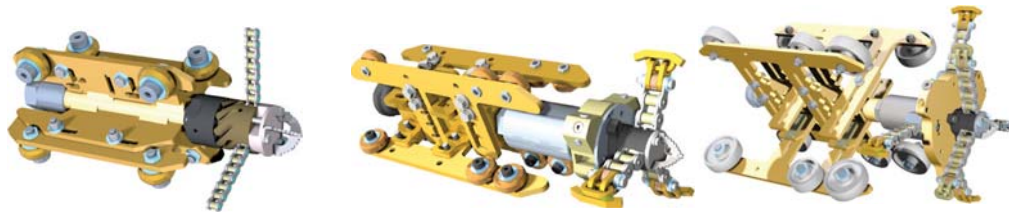
	Connecting thread ["]		Thrust jet		Weight [kg]
	Application range [mm]		Rotating nozzles		Recycling
	min. l/min at 100 bar		Maximum pressure [bar]	*	Option
	Rotating nozzles		Measures [mm]		

High Performance Tool

## Wire rope and chain scraper

### Wire rope and chain scraper for recycling water 1"

These tools can be operated with Recycling-Water so that they allow an economically working principle.



	10.150TR	10.200R	10.400R
	1	1	1
	150 - 250	200 - 400	400 - 800
	100	200	300
	3 × M6	3 × M10	3 × M10
	4 × M8	3 × M10	3 × M10
	250	200	250
	135 - 235 × 380	185 - 385 × 560	385 - 785 × 625
	12.90	35.00	47.00
	x	x	x

### Accessory and wearing parts



#### Pin bolt chain

<b>0010.028G</b>	for 10.028 [m]
<b>0010.060G</b>	for 10.040A/B, 10.060A/B, 10.060ATR/BTR [m]
<b>11.G</b>	for 10.080 [m]
<b>0010.125G</b>	for 10.125TR [m]
<b>12.G</b>	for 10.200R, 10.400R [m]
<b>0010.028050G</b>	Ø 50 mm for 10.028
<b>0010.028075G</b>	Ø 75 mm for 10.028
<b>0010.028100G</b>	Ø 100 mm for 10.028
<b>0010.040060G</b>	Ø 60 mm for 10.040, 10.060ATR/BTR
<b>0010.040060G</b>	Ø 80 mm for 10.060A/B
<b>0010.040075G</b>	Ø 75 mm for 10.040, 10.060ATR/BTR
<b>0010.040075G</b>	Ø 100 mm for 10.060A/B

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	Connecting thread ["]		Rotating nozzles		Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Maximum pressure [bar]		Recycling

## Wire rope and chain scraper












<b>0010.040100G</b>	Ø 100 mm for 10.040, 10.060ATR/BTR
<b>0010.040100G</b>	Ø 150 mm for 10.060A/B
<b>0010.040125G</b>	Ø 125 mm for 10.040, 10.060ATR/BTR
<b>0010.040150G</b>	Ø 150 mm for 10.040
<b>0010.040200G</b>	Ø 200 mm for 10.060ATR/BTR
<b>0010.125125G</b>	Ø 125 mm for 10.125TR / 10.150TR
<b>0010.125150G</b>	Ø 150 mm for 10.125TR / 10.150TR
<b>0010.125200G</b>	Ø 200 mm for 10.125TR / 10.150TR
<b>0010.125250G</b>	Ø 250 mm for 10.125TR / 10.150TR
<b>0010.125300G</b>	Ø 300 mm for 10.125TR



### 1 Set pin bolt chain

<b>12.200G</b>	Ø 200 mm for 10.200R
<b>12.250G</b>	Ø 250 mm for 10.200R
<b>12.300G</b>	Ø 300 mm for 10.200R
<b>12.350G</b>	Ø 350 mm for 10.200R
<b>12.401G</b>	Ø 400 mm for 10.200R
<b>12.402G</b>	Ø 400 mm for 10.400R
<b>12.450G</b>	Ø 450 mm for 10.400R
<b>12.500G</b>	Ø 500 mm for 10.400R
<b>12.600G</b>	Ø 600 mm for 10.400R
<b>12.700G</b>	Ø 700 mm for 10.400R
<b>12.800G</b>	Ø 800 mm for 10.400R

	Connecting thread ["]		Rotating nozzles		Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Maximum pressure [bar]		Recycling

High Performance Tool   


## Wire rope and chain scraper



### Chain

0010.028K	for 10.028 [m]	
0010.028K	for 10.040A/B, 10.060ATR/BTR [m]	
11	for 10.060A/B, 10.125TR [m]	4.5 mm
11.B	Chain per yard	
12	Chain per yard	7 mm
0010.150K	for 10.150R [m]	5.6 mm
0010.028050K	Ø 50 mm for 10.028	5 links
0010.028075K	Ø 75 mm for 10.028	7 links
0010.028100K	Ø 100 mm for 10.028	9 links
0010.040060K	Ø 60 mm for 10.040A/B, 10.060ATR/BTR	2 links
0010.040075K	Ø 75 mm for 10.040A/B, 10.060ATR/BTR	3 links
0010.040100K	Ø 100 mm for 10.040A/B, 10.060ATR/BTR	4 links
0010.040125K	Ø 125 mm for 10.040A/B, 10.060ATR/BTR	5 links
0010.040150K	Ø 150 mm for 10.040A/B, 10.060ATR/BTR	7 links



### 1 Set chain

0010.125125G	Ø 125 mm for 10.125TR
0010.125150G	Ø 150 mm for 10.125TR
0010.125200G	Ø 200 mm for 10.125TR

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	Connecting thread ["]		Rotating nozzles		Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Maximum pressure [bar]		Recycling

## Wire rope and chain scraper



### Pull part

0010.2006 for 10.200R, 10.400R



### 1 Set chain with bracket

0010.1508R for 10.150R (3 links) Ø everyone

0010.2008R for 10.200R, 10.400R (3 links) Ø everyone



### Center cap with teeth

0010.20043R

Milling cutter for 10.060TR, 10.125TR listed under non-percussion milling cutters.



### Centerhead

0010.2004R Ø 200 - 400

0010.4004R Ø 400 - 800



### Wire rope head

0010.200S for 10.200R Ø 200 - 400



### 1 Set wire rope loop

12.200S for 10.200R Ø 200

12.250S for 10.200R Ø 250

12.300S for 10.200R Ø 300

12.350S for 10.200R Ø 350

12.400S for 10.200R Ø 400



### Diamond crown

0010.120D for 10.150TR Ø 120

0010.150D for 10.150TR Ø 150

0010.200D for 10.200R / 10.125R Ø 200

0010.250D for 10.200R Ø 250

0010.300D for 10.200R Ø 300

	Connecting thread ["]		Rotating nozzles		Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Maximum pressure [bar]		Recycling

High Performance Tool

## Wire rope and chain scraper



### Wurzelmesser

0010.0605TRM

0010.1254TR



### Housing

0010.0286 for 10.028

0010.0607TR for 10.060ATR/BTR



### Housing

0010.0407 for 10.060ATR/BTR

### Skids for 125TR

0010.125712TR Skids for 125TR  $\emptyset$  125

0010.125715TR Skids for 125TR  $\emptyset$  150

0010.125720TR Skids for 125TR  $\emptyset$  200

0010.125722TR Skids for 125TR  $\emptyset$  225

0010.125725TR Skids for 125TR  $\emptyset$  250

0010.125730TR Skids for 125TR  $\emptyset$  300

### Skids for 60TR

0010.060710TR Skids for 60TR  $\emptyset$  100

0010.060712TR Skids for 60TR  $\emptyset$  125

0010.060715TR Skids for 60TR  $\emptyset$  150

0010.060720TR Skids for 60TR  $\emptyset$  200



### Skids for egg shaped pipes

007.60017

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enz golden jet®

	Connecting thread ["]		Rotating nozzles	$\emptyset$ xL	Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Maximum pressure [bar]		Recycling