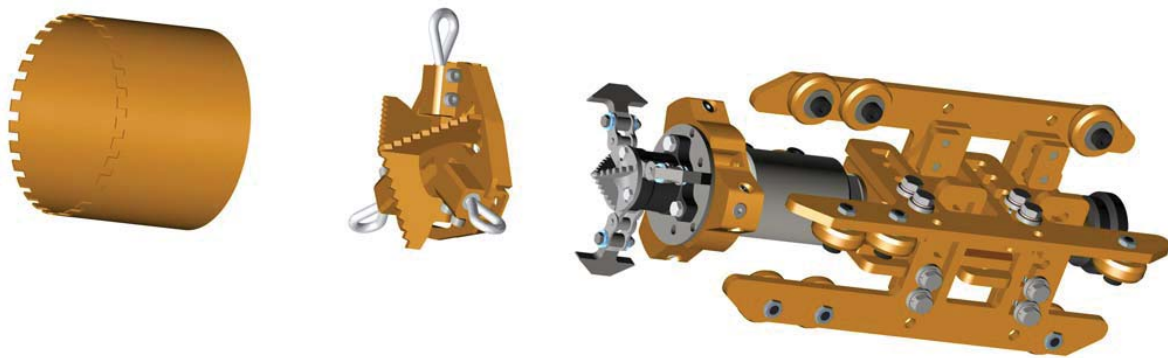


## ENZ WIRE ROPE AND CHAIN SCRAPER

The Chain scraper enz golden jet<sup>®</sup> 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



## Chain scraper 1/4" - 1"

High Performance Tool 



**10.028**












**10.060ATR\*\***

**10.060BTR\*\***

**10.060CTR\*\***












**10.125TR-100/125/150/  
200/250/300\*\***







	1/4	3/8	1/2	3/4	1
	40 - 100	60 - 200	60 - 200	60 - 200	100 - 300
	20	30 (50 by Ø 200)	30 (50 by Ø 200)	30 (50 by Ø 200)	50 (150 by Ø 300)
	3 × M4	1 × M6	1 × M6	1 × M6	2 × M6
	3 × M4	4 × M6	4 × M6	4 × M6	4 × M8
	40/28 × 81	40 × 112	40 × 112	40 × 134	60 × 144
	0.320	0.947	0.947	1.050	2.500
	350	350	350	250	250
	—	✓	✓	✓	✓



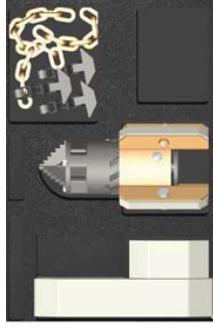
**10.061A**

**10.061B**

	1/2	3/4
	80 - 150	80 - 150
	60	60
	3 × M6	3 × M6
	3 × M6	3 × M6
	60 × 134	60 × 134
	1.400	1.400
	250	250
	—	—

	Connecting thread ["]		Rotating nozzles		Measures [mm]	*	Option
	Application range [mm]		Thrust jet		Gewicht [kg]	**	various Ø available
	min. l/min bei 100 bar		Maximum pressure [bar]		Recycling		




Wire rope and chain scraper sets



10.060ATR/BTR/CTR-SET

10.125TR-SET










10.125TR-SET-100

	GS	CH	GS	CH	GS	CH
	A = 3/8, B = 1/2, C = 3/4					
	60	optional	1	1	1	1
	75	optional	-	-	-	-
	100	inkl., incl., incl.	optional	optional	inkl., incl., incl.	inkl., incl., incl.
	125	optional	optional	inkl., incl., incl.	optional	inkl., incl., incl.
	150	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.
	200	optional	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.
	250	-	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.	inkl., incl., incl.
	300	-	optional	optional	optional	optional
	2.3	3.1	7.2	7.6	7.6	7.9

## 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.



	10.150RL	10.150TR	10.200R	10.400R
	1	1	1	1
	150 - 250	150 - 250	200 - 400	400 - 800
	100	100	200	300
	3 × M8	3 × M6	3 × M10	3 × M10
	3 × M10	4 × M8	3 × M10	3 × M10
	ØxL 135 - 235 × 500	135 - 235 × 380	185 - 385 × 560	385 - 785 × 625
	13.100	12.900	35.000	47.000
	200	250	200	200
	✓	✓	✓	✓







	10.800R**
	1 1/4
	800 - 1200
	400
	6 × M10
	3 × M10
	800 × 1540
	185.000
	200
	✓

	Connecting thread ["]		Rotating nozzles		Measures [mm]	*	Option
	Application range [mm]		Thrust jet		Gewicht [kg]	**	various Ø available
	min. l/min bei 100 bar		Maximum pressure [bar]		Recycling		


Accessories 10.028



	Pipe diameter	Ø 50 mm	Ø 75 mm	Ø 100 mm	per Meter
	Pin bolt chains	0010.028050G	0010.028075G	0010.028100G	0010.028G
	Chain	0010.028050K	0010.028075K	0010.028100K	0010.028K
	Root knife (all Ø)	0010.0285M			
	Housing (all Ø)	0010.0286			








Accessories 10.061A/B



	Pipe diameter	Ø 80 mm	Ø 100 mm	Ø 150 mm	Ø 200 mm	per Meter
	Chain	11.07	11.09	11.11	11.13	11
	Torx Screwdriver T10 (all Ø)	C10				

Accessories 10.060ATR/B/TR/CTR



	Ø 60 mm	Ø 75 mm	Ø 100 mm	Ø 125 mm	Ø 150 mm	Ø 200 mm	per Meter
 Pin bolt chains	0010.060060G	0010.060075G	0010.060100G	0010.060125G	0010.060150G	0010.060200G	11.G
 Chain (1set)	0010.040060K	0010.040075K	0010.040100K	0010.040125K	0010.040150K	0010.040200K	0010.040K
 Root knife (all Ø)	0010.0605TRM						
 Housing excl. skids (all Ø)	0010.0607TR						
 Housing incl. skids (all Ø)	0010.0407						
 Skids	-	-	0010.060710TR	0010.060712TR	0010.060715TR	0010.060720TR	
 Milling cutter head (all Ø)	0013.0405TR						

Accessories 10.125TR



	Ø 100 mm	Ø 125 mm	Ø 150 mm	Ø 200 mm	Ø 225 mm	Ø 250 mm	Ø 300 mm	per Meter
	0010.125100G	0010.125125G	0010.125150G	0010.125200G	0010.125225G	0010.125250G	0010.125300G	0010.125 G
	0010.125100K	0010.125125K	0010.125150K	0010.125200K	0010.125225K	0010.125250K	0010.125300K	11
	-	-	0010.125150SE	0010.125200SE	-	0010.125250SE	-	-
	0010.120D							
	0010.1254TR							
	0010.1257TR							
	0010.125710TR	0010.125712TR	0010.125715TR	0010.125720TR	0010.125722TR	0010.125725TR	0010.125730TR	
	0013.0605TR							

Accessories 10.150RL







	Pipe diameter	Ø 150 mm	Ø 200 mm	Ø 250 mm	per Meter
	Pin bolt chains (1 set)	0010.150150G	0010.150200G	0010.150250G	0010.150G
	Chain	0010.150K	0010.200K	0010.250K	11.B
	Chain plates	0010.1508R			
	Skids with rolls (all Ø)	0010.1502R			


















Accessories10.150TR















	Pipe diameter	Ø 150 mm	Ø 200 mm	Ø 250 mm	per Meter
	Pin bolt chains (1 set)	0010.125150G	0010.125200G	0010.125250G	
	Chain	0010.125150K	0010.125200K	0010.125250K	11.B
	Diamond crown (all Ø)	0010.150D			
	Root knife (all Ø)	0010.1254TR			

Accessories 10.200R/RS

	Pipe diameter	Ø 200 mm	Ø 250 mm	Ø 300 mm	Ø 350 mm	Ø 400 mm	per Meter
	Pin bolt chains (1 set)	12.200G	12.250G	12.300G	12.350G	12.401G	12.G
	Chain (1 set)	12.03	12.07	12.09	12.11	12.13	12
	Pull part (all Ø)	0010.2006					
	Chain plates	0010.2008R					
	Cutter head (all Ø)	10.20043R					
	Universal teeth (all Ø)	15.ZU					
	Centre tooth or centre cap (all Ø)	15.ZS					
	Centerhead (all Ø)	0010.2004R					
	Wire rope head (all Ø)	0010.200S					
	Wire rope loop (1 set)	12.200S	12.250S	12.300S	12.350S	12.400S	
	Rope brushes (1 set)	12.200SE	12.250SE	12.300SE	12.350SE	12.400SE	
	Diamond crown	0010.200D	0010.250D	0010.300D			
	Skids with rolls (front) (all Ø)	0010.20071R					
	Skids with rolls (back) (all Ø)	0010.20072R					
	Root knife (all Ø)	0010.1254TR					

Accessories 10.400R/RS

	Pipe diameter	Ø 400 mm	Ø 450 mm	Ø 500 mm	Ø 550 mm	Ø 600 mm	Ø 650 mm	Ø 700 mm	Ø 750 mm	Ø 800 mm	per Meter
	Pin bolt chains (1 set)	12.402G	12.450G	12.500G	-	12.600G	-	12.700G	-	12.800G	12.G
	Chain for center head	12.400ZG	12.400ZG	12.400ZG	012.400ZG	12.400ZG	-	12.400ZG	12.400ZG	12.400ZG	12.400ZG
	Chain (1 set)	12.07	12.09	12.11	-	12.15	12.17	12.17	12.21	12.23	12
	Pull part (all Ø)	0010.2006									
	Cutter head	10.20043R	10.20043R	10.20043R	-	10.20043R	-	10.20043R	10.20043R	10.20043R	10.20043R
	Universal teeth	15.ZU	15.ZU	15.ZU	-	15.ZU	-	-	-	-	-
	Centre tooth for centre cap	15.ZS	15.ZS	15.ZS	-	15.ZS	-	-	-	-	-
	Center head	0010.4004R	0010.4004R	0010.4004R	-	0010.4004R	-	0010.4004R	0010.4004R	0010.4004R	0010.4004R
	Wire rope head	0010.400S	0010.400S	0010.400S	-	0010.400S	-	0010.400S	-	-	-
	Wire rope loop (1 set)	12.250S	12.300S	12.350S	12.400S	12.600S	-	12.700S	-	-	-
	Rope brushes (1 set)	12.250SE	12.300SE	12.350SE	12.400SE	-	-	-	-	-	-
	Skids with rolls for egg shaped pipes	10.4008R	10.4008R	10.4008R	10.4008R	10.4008R	-	10.4008R	10.4008R	10.4008R	10.4008R