

Impact drilling cutters

These tools are a radical innovation for milling-off deposits in pipes. The **enz golden jet®** impact drilling cutters are designed to remove the most stubborn deposits like concrete, injection cement, mineral deposits etc. They are equipped with tungsten carbide and/or diamond tipped teeth. They work with a percussion system of 600-3000 impulses per minute and up to 12 tons of impact force.

**Please ask for special equipment for plastic pipes!
When using the pull rod (drawing device) the cutters can be driven with half the water quantity (from 200 mm).**

Characteristics

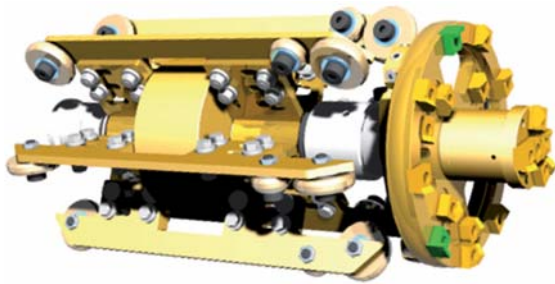
- superior performance compared to other cutters
- extended tooth life
- easy handling
- low maintenance cost
- proven design

All impact drilling cutters can be operated without impacts.

Applications

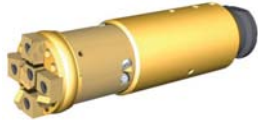
- To remove concrete, injection cement, calcarious layers etc.
- Ø 100 – 600 mm

Working pressure up to 150 bar

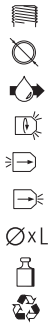


Impact drilling cutters

Impact drilling cutters 1", 1 1/4"



14.100



1
100
100
3 × M10
3 × M10
—
90 × 320
9.00
—



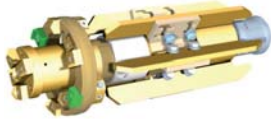
14.120

1
120
100
3 × M10
3 × M10
—
110 × 320
10.10
—



14.150

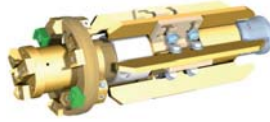
1
150
150
3 × M10
3 × M10
—
135 × 400
16.40
—



14.200*
Standard Housing 14.200

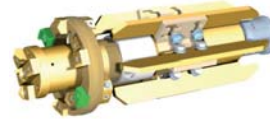


1
200
200
3 × M10
3 × M10
—
175 × 580
33.00
—



14.225*
Standard Housing 14.200

1
225
200
3 × M10
3 × M10
—
200 × 580
33.00
—



14.250*
Standard Housing 14.200

1
250
250
3 × M10
3 × M10
—
225 × 580
35.50
—



14.300*
Standard Housing 14.300



1
300
300
3 × M10
3 × M10
—
275 × 710
75.00
—



14.350*
Standard Housing 14.300

1
350
300
3 × M10
3 × M10
—
325 × 710
77.00
—



14.400*
Standard Housing 14.300

1 + 1 1/4
400
300
3 × M10
3 × M10
—
375 × 710
82.00
—

High Performance Tool golden jet®

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

Impact drilling cutters



14.450*
Standard Housing 14.300 +
adapter plates

14.500*
Standard Housing 14.300 +
adapter plates

14.600*
Standard Housing 14.300 +
adapter plates

	1 + 1 1/4	1 + 1 1/4	1 + 1 1/4
	450	500	600
	400	450	500
	3 × M10	3 × M10	3 × M10
	3 × M10	3 × M10	3 × M10
	—	—	—
	425 × 710	475 × 710	575 × 710
	105.00	110.00	117.00
	—	—	—

* exclusive Swivel Joint 24.125S, but included in dimension.

To mill in deformed plastic or glass fibre pipes, please ask for special ground tooth.

Accessory and wearing parts



Cutter head

14.200K	for 14.200, changeable	Ø 200
14.225K*	for 14.225, changeable	Ø 225
14.250K	for 14.250, changeable	Ø 250
14.300K	for 14.300, changeable	Ø 300
14.350K	for 14.350, changeable	Ø 350
14.400K	for 14.400, changeable	Ø 400
14.450K	for 14.450, changeable	Ø 450
14.500K	for 14.500, changeable	Ø 500
14.600K	for 14.600, changeable	Ø 600

* 14.225K in combination with 14.200 also need skid Art. No. 0014.2257 be ordered



Hub

14.300NA	for 14.300K, 14.350K	Ø 300 - 350
14.400NA	for 14.400K, 14.450K	Ø 400 - 450
14.500NA	for 14.500K	Ø 500
14.600NA	for 14.600K	Ø 600

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

High Performance Tool

enz golden jet®

Impact drilling cutters



Adapter plates

14.450KU for the enlargement of the skids diameter (12 parts) Ø 450 - 600



Diamond crown

0014.200D for 14.200K Ø 200

0014.250D for 14.250K Ø 250

0014.300D for 14.300K Ø 300

0014.350D for 14.350K Ø 350

0014.400D for 14.400K Ø 400



Pull rod

14.2215ZS for pulling of the cutter Ø 200 - 600



Universal teeth

15.Z for cutters Ø 100 - 600



Centre tooth

15.Z1 for cutters Ø 100 - 600



Diamond tooth

15.ZD for cutters Ø 100-600



Universal segment tooth toward outside

15.ZA for cutters Ø 100 - 600



Universal segment tooth toward inside

15.ZI for cutters Ø 100 - 600

High Performance Tool

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

Impact drilling cutters



Swivel joint with thrust jets









24.1255 for cutters \varnothing 100 - 600



Cam plate

14.K04 4 mm Hub for cutters \varnothing till 150

14.K05 5 mm Hub for cutters

	Connecting thread ["]		Rotating nozzles	$\varnothing \times L$	Measures [mm]
	Application range [mm]		Thrust jet		Weight [kg]
	min. l/min at 100 bar		Front jet		Recycling

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