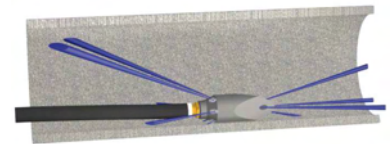
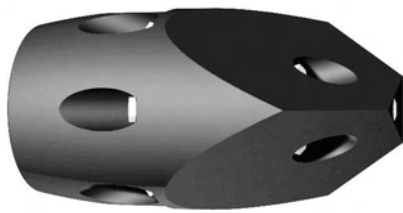


Chisel point nozzles

With its 4 to 5 very strong concentrated forward jets and the sharp cutting edges, the chisel point nozzles will tear through almost any kind of blockage. The sharp edges cut, break and penetrate through every kind of blockage. Made of wear-resistant, hardened steel. All nozzles from art. 60.050 onward are equipped with replaceable ceramic jets. Because of this, the efficiency is considerably higher compared with those nozzles with drilled holes and the service life is several times longer.

















Applications















- Penetration of completely clogged pipes
- Opening of root masses
- Opening of frozen pipelines
- Hydraulic thrust boring flushing operations













Chisel point nozzles

Pointed nozzles 1/8" - 1 1/4"

					
	1/8 NPT	1/4 NPT		3/8 NPT	
	0.8 - 2	1 - 2		1.2 - 4	
	4	4	8	8	16
	3 × Ø 0.95 mm	3 × Ø 0.90 mm	3 × Ø 1.35 mm	3 × Ø 1.30 mm	3 × Ø 1.50 mm
	4 × Ø 0.50 mm	4 × Ø 0.60 mm	4 × Ø 0.70 mm	4 × M4	4 × M4
	25°	25°		25°	
	15°	15°		15°	
	0.6 × 1.0	0.75 × 1.3		0.98 × 1.77	
	0.04	0.06		0.15	
	5,075				
	—	—		—	

			
	1/2	M4	1/2
	1.5 - 6		1.5 - 6
	14		14
	3 × M6		3 × M6
	4 × M4		3 × M4
	25°		25°
	15°		15°
	1.22 × 2.16		1.22 × 3.23
	0.30		0.35
	5,075		5,075
	X		X

High Performance Tool 

	Connecting thread [inch]		Thrust jet		Maximum pressure [psi]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi		Jet angle backward		
	Measures [inch]		Weight [lb.]		

Chisel point nozzles



60.075



0061.0504



61.075

	3/4
	2.5 - 10
	26
	3 × M6
	4 × M4
	25°
	15°
	1.5 × 3.1
	0.71
	5,075
	x

M4

	3/4
	2.5 - 10
	26
	3 × M6
	3 × M4
	25°
	15°
	1.5 × 3.8
	0.76
	5,075
	x



60.100



0061.1004



61.100

	1
	4 - 12
	40
	6 × M6
	4 × M6
	25°
	15°
	1.9 × 3.5
	1.20
	3,625
	x















M6















	1
	4 - 12
	40
	6 × M6
	3 × M6
	25°
	15°
	1.9 × 4
	1.25
	3,625
	x

	Connecting thread [inch]		Thrust jet		Maximum pressure [psi]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi		Jet angle backward		
	Measures [inch]		Weight [lb.]		











High Performance Tool

Chisel point nozzles

			
	60.100L	0061.1004	61.100L
	1	M6	1
	6 - 16		6 - 16
	53		53
	6 × M10		6 × M10
	3 × M8 1 × M6		3 × M8
	25°		25°
	15°		15°
	2.7 × 7.4		2.7 × 8.7
	6.00		6.05
	3,625		3,625
	X		X

			
	60.100L80	0061.1254	61.100L80
	1	M8	1
	6 - 20		6 - 20
	53		53
	6 × M10		6 × M10
	4 × M8		3 × M8
	10°		10°
	15°		15°
	3.1 × 8.6		3.1 × 10.2
	10.40		10.45
	3,625		3,625
	X		X

High Performance Tool 

	Connecting thread [inch]		Thrust jet		Maximum pressure [psi]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi		Jet angle backward		
	Measures [inch]		Weight [lb.]		

Chisel point nozzles



60.125



0061.1004



61.125



1 1/4
6 - 16
53
6 × M6
4 × M6
20°
15°
2.3 × 3.9
2.05
3,625
x

M6

1 1/4
6 - 16
53
6 × M6
3 × M6
20°
15°
2.3 × 5.2
2.10
3,625
x



60.125L



0061.1254



61.125L



1 1/4
8 - 32
79
6 × M10
4 × M8
10°
15°
3.9 × 10.2
18.67
3,625
x

M8

1 1/4
8 - 32
79
6 × M10
3 × M8
10°
15°
3.9 × 11.8
18.72
3,625
x

	Connecting thread [inch]		Thrust jet		Maximum pressure [psi]
	Application range [inch]		Front jet		Recycling
	min. gpm at 1450 psi		Jet angle backward		
	Measures [inch]		Weight [lb.]		