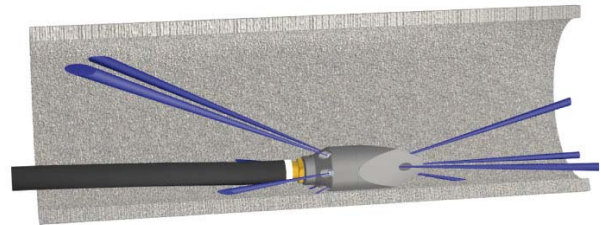
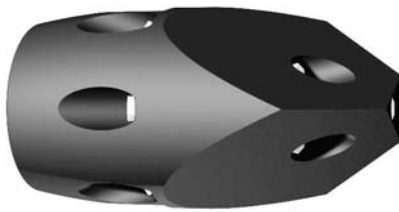


Chisel point nozzles

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"

					
	60.012NSL15	60.025NSL15	60.025NSL30	60.038N-30	60.038NSL40
	1/8 NPT	1/4 NPT	1/4 NPT	3/8 NPT	3/8 NPT
	0.8 - 2	1 - 2	1 - 2	1.2 - 4	1.2 - 4
	4	4	8	8	10
	3 × Ø 0.95 mm	3 × Ø 0.90 mm	3 × Ø 1.35 mm	3 × Ø 1.30 mm	3 × Ø 1.45 mm
	4 × Ø 0.50 mm	4 × Ø 0.60 mm	4 × Ø 0.70 mm	4 × M4	4 × Ø 0.7 mm
	25°	25°	25°	20°	20°
	15°	15°	15°	15°	15°
	0.6 × 1.0	0.75 × 1.3	0.75 × 1.3	0.98 × 1.77	0.98 × 1.77
	0.04	0.06	0.06	0.15	0.15
	5,075	5,075	5,075	5,075	5,075
	—	—	—	—	—

					
	60.038N-60	60.038NSL60	60.050SL40	60.050SL70	60.050SL100
	3/8 NPT	3/8 NPT	1/2	1/2	1/2
	1.1 - 4	1.1 - 4	1.5 - 6	1.5 - 6	1.5 - 6
	16	16	14	14	14
	3 × Ø 1.5 mm	3 × Ø 1.7 mm	3 × Ø 1.3	3 × Ø 1.8	3 × Ø 2.4
	4 × M4	4 × Ø 0.8 mm	4 × Ø 0.7	4 × Ø 0.9	4 × Ø 1.1
	20°	20°	25°	25°	25°
	15°	15°	15°	15°	15°
	0.98 × 1.60	0.98 × 1.60	1.22 × 2.16	1.22 × 2.16	1.22 × 2.16
	0.15	0.15	0.30	0.30	0.30
	5,075	5,075	5,075	5,075	5,075
	✓	✓	✓	✓	✓

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

Chisel point nozzles

					
					
					
	60.050		0061.0504		61.050
	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
	✓				✓
					
					
					
	60.075		0061.0504		61.075
	3/4		M4		3/4
	2.5 - 10				2.5 - 10
	26				26
	3 × M6				3 × M6
	4 × M4				3 × M4
	25°				25°
	15°				15°
	1.5 × 3.1				1.5 × 3.8
	0.71				0.76
	5,075				5,075
	✓				✓

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

Chisel point nozzles

		
60.100	0061.1004	61.100
 1	 M6	 1
 4 - 12		4 - 12
 40		40
 6 × M6		6 × M6
 4 × M6		3 × M6
 25°		25°
 15°		15°
 1.9 × 3.5		1.9 × 4
 1.20		1.25
 3,625		3,625
 ✓		✓
		
60.100L	0061.1254	61.100L
 1	 M8	 1
 6 - 16		6 - 16
 53		53
 6 × M10		6 × M10
 4 × M8		3 × M8
 25°		25°
 15°		15°
 2.7 × 7.4		2.7 × 8.7
 6.00		6.05
 3,625		3,625
 ✓		✓

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

Chisel point nozzles

		
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°
 ØxL 3.1 × 8.6		3.1 × 10.2
 10.40		10.45
 3,625		3,625
 ✓		✓
		
60.125	0061.1004	61.125
 1 1/4	M6	1 1/4
 6 - 16		6 - 16
 53		53
 6 × M6		6 × M6
 4 × M6		3 × M6
 20°		20°
 15°		15°
 ØxL 2.3 × 3.9		2.3 × 5.2
 2.05		2.10
 3,625		3,625
 ✓		✓

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

Chisel point nozzles

			
	60.125L	0061.1254	61.125L
	1 1/4	M8	1 1/4
	8 - 32		8 - 32
	79		79
	6 × M10		6 × M10
	4 × M8		3 × M8
	10°		10°
	15°		15°
	ØxL 3.9 × 10.2		3.9 × 11.8
	18.67		18.72
	3,625		3,625
	✓		✓

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