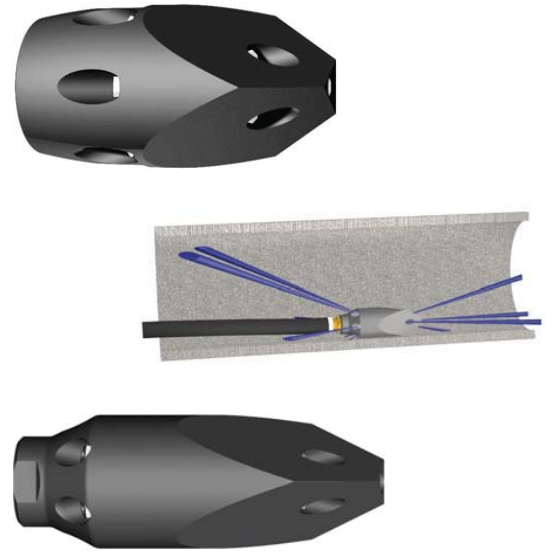


# enz Pointed Nozzles












Concentrated powerful advance by means of 4 front jet nozzles. The sharp edges cut, break and penetrate through every kind of blockage. Made of wear-resistant, hard-ened steel. All nozzles from art. 60.050 onward are provided with ceramic inserts. Because of this, the efficiency is considerably higher compared with those nozzles with drilled holes and the service life is several times longer.












## Applications

- ✔ Penetrating of completely clogged pipes
- ✔ Opening of interlaced roots
- ✔ Opening of frozen pipelines
- ✔ Flushing out at hydraulic thrust



## Pointed Nozzles 1/8" - 1 1/4"

	60.125L	0061.1254	61.125L
	1 1/4	M8	1 1/4
	200 - 800		200 - 800
	300		300
	6 × M10		6 × M10
	4 × M8		3 × M8
	10°		10°
	15°		15°
	98 × 258	11 x 40	98 × 300
	8.400		8.425
	250		250
	✔		✔

	Connecting thread inside ["]		Thrust jet		Jet angle forward		Recycling
	Application range [mm]		Front jet		Measures [mm]		Maximum pressure [bar]
	min. l/min at 100 bar		Jet angle backward		Weight [kg]	*	optional front jet



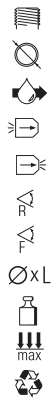
**60.012SL15**

**60.025SL15**

**60.025SL30**

**60.038-30**

**60.038SL40**



1/8  
20 - 40  
15  
3 × Ø 0.95  
4 × Ø 0.50  
25°  
15°  
16 × 25  
0.020  
350  
—

1/4  
22 - 50  
15  
3 × Ø 0.90  
4 × Ø 0.60  
25°  
15°  
20 × 33  
0.034  
350  
—

1/4  
22 - 50  
30  
3 × Ø 1.35  
4 × Ø 0.70  
25°  
15°  
20 × 33  
0.032  
350  
—

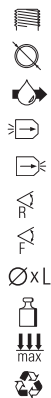
3/8  
28 - 100  
30  
3 × Ø 1.30  
4 × M4  
20°  
15°  
25 × 40  
0.060  
350  
—

3/8  
28 - 100  
40  
3 × Ø 1.45  
4 × 0.80  
20°  
15°  
25 × 40  
0.060  
350  
—



**60.038-60**

**60.038SL60**



3/8  
28 - 100  
60  
3 × Ø 1.70  
4 × M4  
20°  
15°  
25 × 40  
0.060  
350  
—

3/8  
28 - 100  
60  
3 × Ø 1.85  
4 × Ø 0.95  
20°  
15°  
25 × 40  
0.060  
350  
—

	Connecting thread inside ["]		Thrust jet		Jet angle forward		Recycling
	Application range [mm]		Front jet		Measures [mm]		Maximum pressure [bar]
	min. l/min at 100 bar		Jet angle backward		Weight [kg]	*	optional front jet



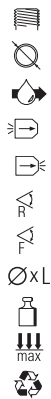
**60.050**



**0061.0504**



**61.050**



1/2  
40 - 150  
50  
3 × M6  
4 × M4  
25°  
15°  
32 × 55  
0.140  
350  
✓

M4  
  
  
  
  
  
6 x 25

1/2  
40 - 150  
50  
3 × M6  
3 × M4  
25°  
15°  
32 × 82  
0.145  
350  
✓



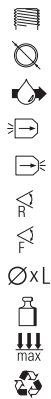
**60.075**



**0061.0504**














**61.075**



3/4  
60 - 250  
100  
3 × M6  
4 × M4  
25°  
15°  
38 × 80  
0.320  
250  
✓

M4  
  
  
  
  
  
6 x 25

3/4  
60 - 250  
100  
3 × M6  
3 × M4  
25°  
15°  
38 × 104.5  
0.325  
250  
✓

	Connecting thread inside ["]		Thrust jet		Jet angle forward		Recycling
	Application range [mm]		Front jet		Measures [mm]		Maximum pressure [bar]
	min. l/min at 100 bar		Jet angle backward		Weight [kg]	*	optional front jet



**60.100**



**0061.1004**



**61.100**



1  
100 - 300  
150  
6 × M6  
4 × M6  
25°  
15°  
48 × 90  
0.550  
250  
✓

M6  
  
  
  
  
  
9 x 33

1  
100 - 300  
150  
6 × M6  
3 × M6  
25°  
15°  
48 × 123.5  
0.560  
250  
✓



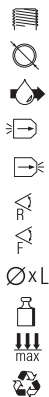
**60.100L**



**0061.1254**














**61.100L**































1  
150 - 400  
200  
6 × M10  
4 × M8  
25°  
15°  
68 × 187  
2.700  
250  
✓












M8  
  
  
  
  
  
11 x 40

1  
150 - 400  
200  
6 × M10  
3 × M8  
25°  
15°  
68 × 220  
2.715  
250  
✓

	Connecting thread inside [°]		Thrust jet		Jet angle forward		Recycling
	Application range [mm]		Front jet		Measures [mm]		Maximum pressure [bar]
	min. l/min at 100 bar		Jet angle backward		Weight [kg]	*	optional front jet

		
<b>60.100L80</b>	<b>0061.1254</b>	<b>61.100L80</b>
 1	M8	1
 150 - 500		150 - 500
 200		200
 6 × M10		6 × M10
 4 × M8		3 × M8
 10°		10°
 15°		15°
 Ø x L 79 × 218	11 x 40	79 × 260
 4.680		4.705
 250		250
 ✓		✓

		
<b>60.125</b>	<b>0061.1004</b>	<b>61.125</b>
 1 1/4	M6	1 1/4
 150 - 400		150 - 400
 200		200
 6 × M6		6 × M6
 4 × M6		3 × M6
 20°		20°
 15°		15°
 Ø x L 58 × 100	9 x 33	58 × 133
 0.925		0.940
 250		250
 ✓		✓

 Connecting thread inside [°]	 Thrust jet	 Jet angle forward	 Recycling
 Application range [mm]	 Front jet	 Measures [mm]	 Maximum pressure [bar]
 min. l/min at 100 bar	 Jet angle backward	 Weight [kg]	* optional front jet