

Ceramic nozzle 916-cer

The ceramic nozzle type 916-cer is actually the same nozzle as the type 909-cer but only available in the diameter range of 0.60-1.40mm. The mvt ceramic nozzles have a much higher efficiency and a nozzle factor of 0.95. The advantages are particularly evident in concrete renovation, e.g. when exposing reinforcing bars or during deep removal. **A major advantage is that the ceramic insert cannot burst and the service life of these nozzles is much longer than with sapphire.** Thanks to its advantageous shape, this nozzle can be easily fitted to all conventional hand lances and robot lances on the market using our union nut.

The ceramic insert is completely manufactured at mvt AG, which guarantees consistent and high quality. All ceramic inserts are checked for scratches, cracks and flow.

This product is compatible with the following brands or products:

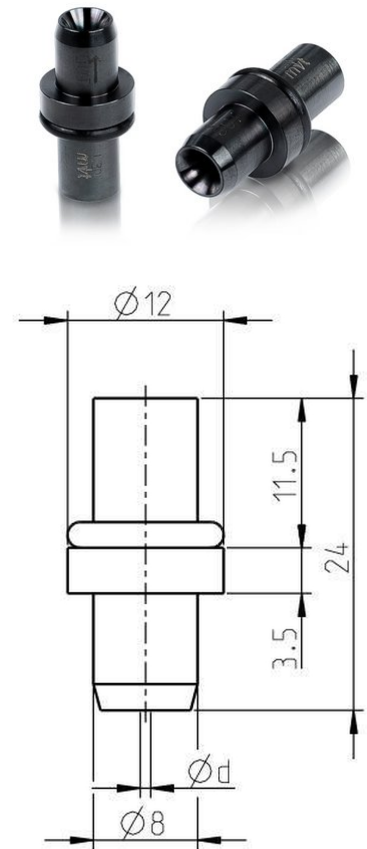
- Style 5
- Type A
- Type B
- Shape 4

Features and benefits

- Long service life
- Constant jet quality
- Highly concentrated water jet
- Point jet with high energy density
- Easy installation and disassembly
- Swiss quality

Applications

- Construction industry
- Mining
- Concrete removal
- Surface treatment



Specifications



Operating pressure (bar)
max.



3000

Operating temperature (°C)
max.

150

ART. NO.	NOZZLE SIZE in US Gal/min at 40 psi	NOZZLES Ød mm	PRESSURE in psi / bar					
			psi14500	psi21750	psi25375	psi29000	psi36250	psi43500
			bar1000	bar1500	bar1750	bar2000	bar2500	bar3000
			FLOW RATE in l/min					
33008.0600	0097	0.60	7.074	8.596	9.250	9.852	10.937	11.901
33008.0650	0114	0.65	8.303	10.088	10.855	11.562	12.836	13.967
33008.0700	0132	0.70	9.629	11.700	12.590	13.409	14.886	16.198
33008.0750	0152	0.75	11.054	13.431	14.452	15.393	17.089	18.595
33008.0800	0173	0.80	12.577	15.282	16.444	17.514	19.443	21.157
33008.0850	0195	0.85	14.198	17.252	18.563	19.772	21.950	23.884
33008.0900	0219	0.90	15.917	19.341	20.811	22.166	24.608	26.777
33008.0950	0244	0.95	17.735	21.550	23.188	24.698	27.418	29.835
33008.1000	0270	1.00	19.651	23.878	25.693	27.366	30.380	33.058
33008.1050	0298	1.05	21.665	26.325	28.327	30.171	33.494	36.446
33008.1100	0327	1.10	23.778	28.892	31.089	33.113	36.760	40.000
33008.1150	0358	1.15	25.989	31.578	33.979	36.191	40.177	43.719
33008.1200	0389	1.20	28.298	34.384	36.998	39.407	43.747	47.603
33008.1300	0457	1.30	33.211	40.353	43.421	46.248	51.342	55.867
33008.1400	0530	1.40	38.516	46.800	50.359	53.637	59.545	64.793

Instruction

	< 150 N
	< 250 N
	> 250 N

When using high-pressure spray guns and lances manually, the recoil force to be absorbed in the longitudinal axis of the spraying device must not exceed 250N! If the recoil force exceeds 150N, a body support must be used!