

— Ceramic nozzles

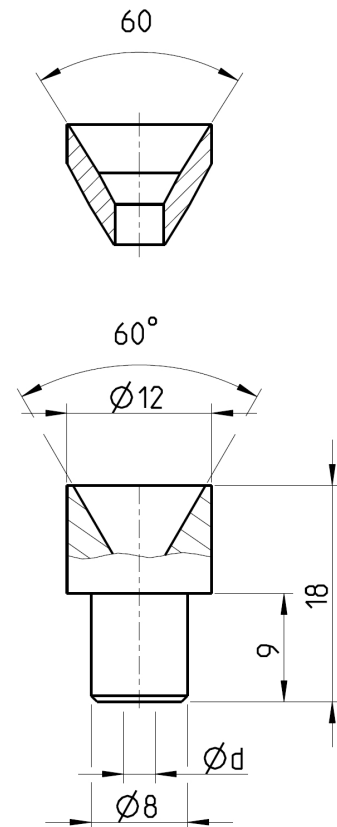
Ceramic nozzle 952-cer

The high-performance ceramic nozzle type 952-cer was designed for hand lance use. 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 mounted on a hand lance with an external cone using our union nut.

The ceramic insert is manufactured entirely 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:

- Type I



Features and benefits

- Long service life
- Constant jet quality
- Highly concentrated water jet
- Point jet with high energy density
- Easy installation and removal
- 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	psi31900	psi36250	psi43500
			bar1000	bar1500	bar1750	bar2000	bar2200	bar2500	bar3000
			FLOW RATE in l/min						
31632.0600	0097	0.60	7.074	8.596	9.250	9.852	10.303	10.937	11.901
31632.0650	0114	0.65	8.303	10.088	10.855	11.562	12.092	12.836	13.967
31632.0700	0132	0.70	9.629	11.700	12.590	13.409	14.023	14.886	16.198
31632.0750	0152	0.75	11.054	13.431	14.452	15.393	16.098	17.089	18.595
31632.0800	0173	0.80	12.577	15.282	16.444	17.514	18.316	19.443	21.157
31632.0850	0195	0.85	14.198	17.252	18.563	19.772	20.677	21.950	23.884
31632.0900	0219	0.90	15.917	19.341	20.811	22.166	23.181	24.608	26.777
31632.0950	0244	0.95	17.735	21.550	23.188	24.698	25.829	27.418	29.835
31632.1000	0270	1.00	19.651	23.878	25.693	27.366	28.619	30.380	33.058
31632.1050	0298	1.05	21.665	26.325	28.327	30.171	31.552	33.494	36.446
31632.1100	0327	1.10	23.778	28.892	31.089	33.113	34.629	36.760	40.000
31632.1200	0389	1.20	28.298	34.384	36.998	39.407	41.211	43.747	47.603
31632.1300	0457	1.30	33.211	40.353	43.421	46.248	48.366	51.342	55.867
31632.1400	0530	1.40	38.516	46.800	50.359	53.637	56.093	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!