

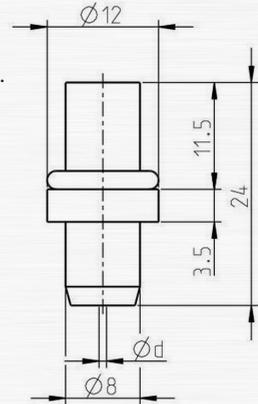
# CERAMIC NOZZLE 916-CER

The ceramic nozzle type 916-cer is actually the same nozzle as the type 909-cer but only available in diameter ranges from 0.60-1.40mm. The mvt ceramic nozzles have a efficiency factor of 0.95. The advantages are particularly evident in concrete demolition, e.g. in the case of exposing rebars, or in depth removal. A big advantage is that the ceramic insert can not burst and also the lifetime of these nozzles is much more longer than sapphires. Due to its advantageous shape, this nozzle can easily be mounted on all conventional hand lances and robot lances on the market.

The ceramic insert has a uniform and high quality. All inserts are checked for scratches, cracks and flow.

This product is compatible with the following brands or products.

- Type M
- Type A
- Form 4



## PROPERTIES AND ADVANTAGES

- LONG LIFETIME
- CONSTANT JET QUALITY
- HIGH-POWER AND FOCUSED WATER JET
- NEEDLE JET WITH HIGH ENERGY DENSITY
- EASY TO INSTALL AND DISASSEMBLE
- SWISS QUALITY

## APPLICATIONS

- CONSTRUCTION INDUSTRY
- MINING
- CONCRETE DEMOLITION
- SURFACE TREATMENT

CHARACTERISTICS	TYPE
Operating pressure (bar)	max. 3000
Operating temp. (°C)	max. 150°

# CERAMIC NOZZLE 916-CER

## PERFORMANCES

ART. NO	NOZZLE SIZE IN US GAL/MIN AT 40 PSI	NOZZLE ØD MM	PRESSURE IN PSI / BAR					
			psi 14500	psi 21750	psi 25375	psi 29000	psi 36250	psi 43500
			bar 1000	bar 1500	bar 1750	bar 2000	bar 2500	bar 3000
			FLOW RATE IN L/MIN					
916-CER.060	0097	0.60	7.074	8.596	9.250	9.852	10.937	11.901
916-CER.065	0114	0.65	8.303	10.088	10.855	11.562	12.836	13.967
916-CER.070	0132	0.70	9.629	11.700	12.590	13.409	14.886	16.198
916-CER.075	0152	0.75	11.054	13.431	14.452	15.393	17.089	18.595
916-CER.080	0173	0.80	12.577	15.282	16.444	17.514	19.443	21.157
916-CER.085	0195	0.85	14.198	17.252	18.563	19.772	21.950	23.884
916-CER.090	0219	0.90	15.917	19.341	20.811	22.166	24.608	26.777
916-CER.095	0244	0.95	17.735	21.550	23.188	24.698	27.418	29.835
916-CER.100	0270	1.00	19.651	23.878	25.693	27.366	30.380	33.058
916-CER.105	0298	1.05	21.665	26.325	28.327	30.171	33.494	36.446
916-CER.110	0327	1.10	23.778	28.892	31.089	33.113	36.760	40.000
916-CER.115	0358	1.15	25.989	31.578	33.979	36.191	40.177	43.719
916-CER.120	0389	1.20	28.298	34.384	36.998	39.407	43.747	47.603
916-CER.130	0457	1.30	33.211	40.353	43.421	46.248	51.342	55.867
916-CER.140	0530	1.40	38.516	46.800	50.359	53.637	59.545	64.793

### INSTRUCTIONS

WHEN MANUALLY OPERATING HIGH PRESSURE GUNS AND LANCES THE REPULSIVE FORCE ON THE AXIS SHOULD NOT EXCEED 250N! IF THE REPULSIVE FORCE EXCEEDS 150N, A SUPPORT / BODY ARMOUR IS REQUIRED!

	< 150 N
	< 250 N
	> 250 N



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