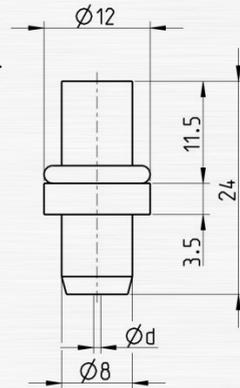


CERAMIC NOZZLE 909-CER

The high-performance ceramic nozzle type 909-cer was designed for hand lance or robot use. This ceramic nozzle has an efficiency factor of 0.95. The advantages come to the fore especially in concrete removal, such as exposing rebars, or in depth removal. A big advantage is also that the ceramic insert can not burst and also the lifetime is much more higher than sapphire. 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



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 909-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					
909-CER.150	0608	1.50	44.215	53.725	57.810	61.573	68.355	74.380
909-CER.160	0692	1.60	50.307	61.127	65.775	70.057	77.773	84.628
909-CER.170	0781	1.70	56.792	69.007	74.253	79.087	87.798	95.537
909-CER.160	0876	1.80	63.670	77.364	83.246	88.665	98.431	107.107
909-CER.190	0976	1.90	70.941	86.199	92.752	98.791	109.672	119.338
909-CER.200	1081	2.00	78.605	95.511	102.773	109.463	121.520	132.231
909-CER.210	1192	2.10	86.662	105.301	113.307	120.683	133.976	145.784
909-CER.220	1308	2.20	95.112	115.569	124.355	132.451	147.039	159.999
909-CER.230	1430	2.30	103.955	126.314	135.917	144.765	160.710	174.875
909-CER.240	1557	2.40	113.191	137.536	147.993	157.627	174.988	190.412
909-CER.250	1689	2.50	122.820	149.236	160.582	171.037	189.875	206.610
909-CER.260	1827	2.60	132.842	161.414	173.686	184.993	205.368	223.470
909-CER.270	1971	2.70	143.257	174.069	187.303	199.497	221.470	240.990
909-CER.280	2119	2.80	154.065	187.202	201.434	214.548	238.179	259.172
909-CER.290	2273	2.90	165.267	200.812	216.080	230.147	255.495	278.015
909-CER.300	2433	3.00	176.861	214.900	231.239	246.293	273.420	297.519
909-CER.310	2598	3.10	188.848	229.466	246.911	262.986	291.951	317.684
909-CER.320	2768	3.20	201.228	244.509	263.098	280.226	311.091	338.510

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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