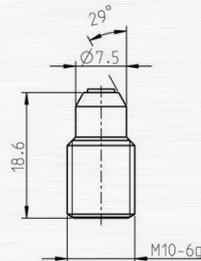
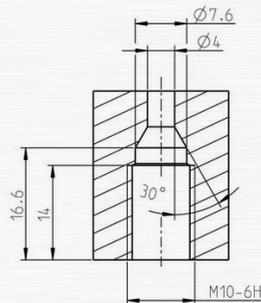


# CERAMIC NOZZLE 965-CER

The ceramic nozzle type 965-cer was designed for spray bars and nozzle bars. This ceramic nozzle has a nozzle factor of 0.95. A big advantage is that the ceramic insert cannot burst and the durability is also quite impressive and are far superior to sapphire. According to our experience, a lifetime of 100 - 120 hours can be achieved with a constant operating pressure of 2500 bar, as long as all components such as filters, connections and water are 100% checked.

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



## 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

# CERAMIC NOZZLE 965-CER

CHARACTERISTICS	TYPE
	965-CER
Operating pressure (bar)	max. 3000
Operating temp. (°C)	max. 150°
Tightening torque (Nm)	max. 40°

## APPLICATIONS

- CONSTRUCTION INDUSTRY
- VEHICLE AND AIRCRAFT PARTS
- SURFACE TREATMENT
- CONCRETE DEMOLITION
- REMOVAL OF SURFACE COATINGS
- PAINT REMOVAL
- SURFACE CLEANING

# 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 31900	psi 36250	psi 43500
			bar 1000	bar 1500	bar 1750	bar 2000	bar 2200	bar 2500	bar 3000
FLOW RATE IN L/MIN									
965-CER.015	0006	0.15	0.442	0.537	0.578	0.616	0.644	0.684	0.744
965-CER.020	0011	0.20	0.786	0.955	1.028	1.095	1.145	1.215	1.322
965-CER.025	0017	0.25	1.228	1.492	1.606	1.710	1.789	1.899	2.066
965-CER.030	0024	0.30	1.769	2.149	2.312	2.463	2.576	2.734	2.975
965-CER.035	0033	0.35	2.407	2.925	3.147	3.352	3.506	3.722	4.050
965-CER.040	0043	0.40	3.144	3.820	4.111	4.379	4.579	4.861	5.289
965-CER.045	0055	0.45	3.979	4.835	5.203	5.542	5.795	6.152	6.694
965-CER.050	0067	0.50	4.913	5.969	6.423	6.841	7.155	7.595	8.264
965-CER.055	0082	0.55	5.944	7.223	7.772	8.278	8.657	9.190	10.000

## 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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