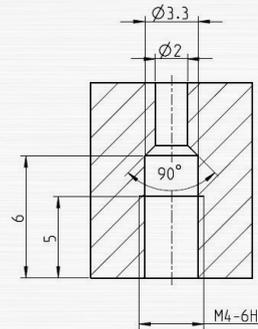


SAPPHIRE NOZZLE 046

The Sapphire Nozzle 046 can be used up to an **operating pressure of 3000 bar**. Our customers use this nozzle mainly on cleaning bars or spray bars, this nozzle is used in industrial cleaning or on marking removal machines. The nozzle seals on the cone and has a sealing angle of 86°.

The heart of the nozzle, its the sapphire has a consistent and high quality. All sapphire are checked for scratches, cracks and flow.

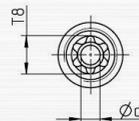
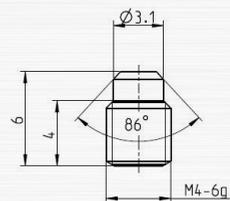


PROPERTIES AND ADVANTAGES

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

APPLICATIONS

- CONSTRUCTION INDUSTRY
- IRON, STEEL AND METAL INDUSTRIES
- MECHANICAL AND APPARATUS ENGINEERING
- CEMENT AND CONCRETE INDUSTRY
- INDUSTRIAL CLEANING
- SPRAYBARS



SAPPHIRE NOZZLE 046

PERFORMANCES

ART. NO	NOZZLE SIZE IN US GAL./MIN AT 40 PSI	NOZZLE ØD MM	PRESSURE IN PSI / BAR							
			psi	psi	psi	psi	psi	psi	psi	psi
			2900	4350	10875	14500	21750	29000	36250	43500
			bar	bar	bar	bar	bar	bar	bar	bar
			200	300	750	1000	1500	2000	2500	3000
			FLOW RATE IN L/MIN							
046.010	0002	0.10	0.064	0.078	0.122	0.141	0.171	0.196	0.217	0.237
046.0125	0003	0.125	0.100	0.122	0.191	0.220	0.267	0.306	0.340	0.370
046.015	0004	0.15	0.143	0.175	0.275	0.316	0.385	0.441	0.489	0.532
046.0175	0006	0.175	0.195	0.239	0.375	0.431	0.523	0.600	0.666	0.725
040.020	0008	0.20	0.255	0.312	0.489	0.563	0.684	0.784	0.870	0.946
046.025	0012	0.25	0.399	0.487	0.764	0.879	1.068	1.224	1.359	1.479
046.030	0018	0.30	0.574	0.702	1.101	1.266	1.538	1.763	1.957	2.130
046.035	0024	0.35	0.781	0.955	1.498	1.723	2.094	2.400	2.664	2.899
046.040	0031	0.40	1.020	1.247	1.957	2.251	2.735	3.134	3.479	3.786
046.045	0040	0.45	1.291	1.579	2.477	2.848	3.461	3.967	4.403	4.792
046.050	0049	0.50	1.594	1.949	3.058	3.517	4.273	4.897	5.436	5.916
046.055	0059	0.55	1.929	2.358	3.700	4.255	5.170	5.925	6.578	7.158
046.060	0071	0.60	2.296	2.807	4.404	5.064	6.153	7.052	7.828	8.518
046.065	0083	0.65	2.694	3.294	5.168	5.943	7.221	8.276	9.188	9.997
046.070	0096	0.70	3.125	3.820	5.994	6.892	8.375	9.598	10.655	11.595
046.075	0110	0.75	3.587	4.385	6.880	7.912	9.614	11.018	12.232	13.310
046.080	0125	0.80	4.081	4.990	7.828	9.002	10.939	12.536	13.917	15.144
046.085	0142	0.85	4.607	5.633	8.838	10.163	12.349	14.152	15.711	17.096
046.090	0159	0.90	5.165	6.315	9.908	11.394	13.844	15.866	17.614	19.166
046.095	0177	0.95	5.755	7.036	11.039	12.695	15.425	17.678	19.625	21.355
046.100	0196	1.00	6.377	7.796	12.232	14.066	17.091	19.588	21.746	23.662

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



Jan van der Heijdenstraat 44
3261 LE Oud-Beijerland
The Netherlands

T +31 186 62 14 84
info@salotech.nl
www.salotech.nl