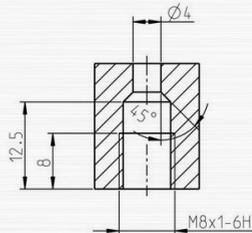


SAPPHIRE NOZZLE 082

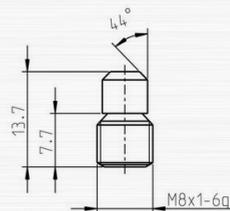
The high-performance nozzle type 082 for surface treatment is characterised by its service life, efficiency and quality. Due to the external shapes, the nozzle can be installed in all customerspecific systems on the market

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



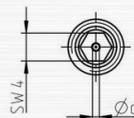
PROPERTIES AND ADVANTAGES

- 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 082

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	7250	10875	14500	18125	21750	25375	29000
			bar	bar	bar	bar	bar	bar	bar	bar
			200	500	750	1000	1250	1500	1750	2000
			FLOW RATE IN L/MIN							
082.010	0002	0.10	0.064	0.100	0.122	0.141	0.157	0.171	0.184	0.196
082.0125	0003	0.125	0.100	0.157	0.191	0.220	0.245	0.267	0.287	0.306
082.015	0004	0.15	0.143	0.226	0.275	0.316	0.352	0.385	0.414	0.441
082.0175	0006	0.175	0.195	0.307	0.375	0.431	0.480	0.523	0.563	0.600
082.020	0008	0.20	0.255	0.401	0.489	0.563	0.627	0.684	0.736	0.784
082.025	0012	0.25	0.399	0.627	0.764	0.879	0.979	1.068	1.149	1.224
082.030	0018	0.30	0.574	0.903	1.101	1.266	1.410	1.538	1.655	1.763
082.035	0024	0.35	0.781	1.229	1.498	1.723	1.919	2.094	2.253	2.400
082.040	0031	0.40	1.020	1.605	1.957	2.251	2.506	2.735	2.943	3.134
082.045	0040	0.45	1.291	2.031	2.477	2.848	3.172	3.461	3.724	3.967
082.050	0049	0.50	1.594	2.507	3.058	3.517	3.916	4.273	4.598	4.897
082.055	0059	0.55	1.929	3.034	3.700	4.255	4.738	5.170	5.563	5.925
082.060	0071	0.60	2.296	3.611	4.404	5.064	5.639	6.153	6.621	7.052
082.065	0083	0.65	2.694	4.238	5.168	5.943	6.618	7.221	7.770	8.276
082.070	0096	0.70	3.125	4.915	5.994	6.892	7.675	8.375	9.012	9.598
082.075	0110	0.75	3.587	5.642	6.880	7.912	8.811	9.614	10.345	11.018
082.080	0125	0.80	4.081	6.419	7.828	9.002	10.025	10.939	11.770	12.536
082.085	0142	0.85	4.607	7.247	8.838	10.163	11.317	12.349	13.287	14.152
082.090	0159	0.90	5.165	8.124	9.908	11.394	12.687	13.844	14.897	15.866
082.095	0177	0.95	5.755	9.052	11.039	12.695	14.136	15.425	16.598	17.678
082.100	0196	1.00	6.377	10.030	12.232	14.066	15.663	17.091	18.391	19.588

Gasket Sold Separately

ART. NO.	MATERIAL	MAX. PRESSURE (BAR)
10042	Steel Inox	2000
10041	Brass	1500

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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