

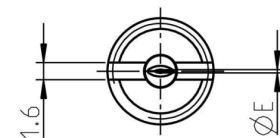
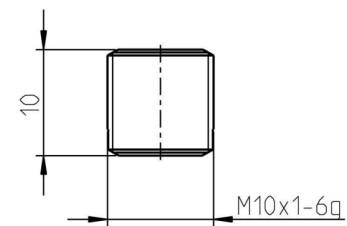
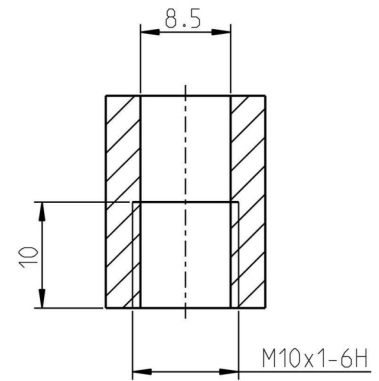
— Flat spray nozzles

Flat jet nozzle 102

The mvt flat spray nozzles for surface treatment are characterized by their service life, efficiency and quality. Thanks to the wide variety of external shapes, the nozzles can be installed in all customer-specific systems on the market.

Features and advantages

- Long service life
- Constant jet quality
- Easy installation and disassembly
- Swiss quality



Applications

Nozzles combine the high power of the spot jet with the large area coverage of the flat jet.

- Automotive and aviation industry
- Construction industry
- mining
- Chemical industry
- Iron, steel and metal industry
- Energy industry
- Beverage industry
- Glass, porcelain and ceramics industry
- Wood industry
- Municipal enterprises
- Agriculture
- Machinery and apparatus engineering
- Food industry
- Offshore applications
- Shipbuilding
- Transportation companies
- Pulp and paper industry
- Cement and concrete industry

Spray angle	ART. NO. (1)
10°	XXXX. __
20°	XXXX. __
30°	XXXX. __
40°	XXXX. __
50°	XXXX. __
60°	XXXX. __
70°	XXXX. __
80°	XXXX. __
90°	32001. __
100°	XXXX. __
110°	XXXX. __

Specifications



Operating pressure (bar)
max.

500



Operating temperature (°C)
max.

150

ART. NR.	DÜSEN GRÖSSE in US Gal/min bei 40 psi	DÜSEN Ød mm	Sprühwin- kel	DRUCK in psi / bar					
				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0180	0007	0.18	10°	0.120	0.170	0.240	0.293	0.338	0.378
XXXX.0230	0012	0.23	10°	0.196	0.278	0.392	0.479	0.552	0.616
XXXX.0280	0018	0.28	10°	0.291	0.411	0.581	0.710	0.819	0.914
XXXX.0330	0025	0.33	10°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	10°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	10°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	10°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	10°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	10°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0180	0007	0.18	20°	0.120	0.170	0.240	0.293	0.338	0.378
XXXX.0230	0012	0.23	20°	0.196	0.278	0.392	0.479	0.552	0.616
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XXXX.0380	0033	0.38	20°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	20°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	20°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	20°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	20°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	20°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	20°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	20°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	20°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	20°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	20°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	20°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	20°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0180	0007	0.18	30°	0.120	0.170	0.240	0.293	0.338	0.378
XXXX.0230	0012	0.23	30°	0.196	0.278	0.392	0.479	0.552	0.616

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				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0280	0018	0.28	30°	0.291	0.411	0.581	0.710	0.819	0.914
XXXX.0330	0025	0.33	30°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	30°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	30°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	30°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	30°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	30°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	30°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	30°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	30°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	30°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	30°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	30°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	30°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	30°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	30°	3.282	4.637	6.546	8.003	9.225	10.296
XXXX.0990	0224	0.99	30°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	30°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	30°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	30°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.0180	0007	0.18	40°	0.120	0.170	0.240	0.293	0.338	0.378
XXXX.0230	0012	0.23	40°	0.196	0.278	0.392	0.479	0.552	0.616
XXXX.0280	0018	0.28	40°	0.291	0.411	0.581	0.710	0.819	0.914
XXXX.0330	0025	0.33	40°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	40°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	40°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	40°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	40°	0.786	1.110	1.568	1.917	2.209	2.466

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				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0480	0053	0.48	40°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	40°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	40°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	40°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	40°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	40°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	40°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	40°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	40°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	40°	3.282	4.637	6.546	8.003	9.225	10.296
XXXX.0990	0224	0.99	40°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	40°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	40°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	40°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.1190	0323	1.19	40°	5.260	7.431	10.491	12.826	14.784	16.501
XXXX.1240	0351	1.24	40°	5.711	8.069	11.391	13.926	16.053	17.917
XXXX.1290	0380	1.29	40°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	40°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.1400	0448	1.40	40°	7.280	10.286	14.520	17.752	20.463	22.839
XXXX.1450	0480	1.45	40°	7.809	11.034	15.576	19.043	21.950	24.499
XXXX.1500	0514	1.50	40°	8.357	11.808	16.669	20.379	23.490	26.218
XXXX.1550	0549	1.55	40°	8.923	12.608	17.798	21.760	25.083	27.995
XXXX.0230	0012	0.23	50°	0.196	0.278	0.392	0.479	0.552	0.616
XXXX.0280	0018	0.28	50°	0.291	0.411	0.581	0.710	0.819	0.914
XXXX.0330	0025	0.33	50°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	50°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	50°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	50°	0.687	0.970	1.370	1.675	1.930	2.155

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				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0460	0048	0.46	50°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	50°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	50°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	50°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	50°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	50°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	50°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	50°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	50°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	50°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	50°	3.282	4.637	6.546	8.003	9.225	10.296
XXXX.0990	0224	0.99	50°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	50°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	50°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	50°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.1190	0323	1.19	50°	5.260	7.431	10.491	12.826	14.784	16.501
XXXX.1240	0351	1.24	50°	5.711	8.069	11.391	13.926	16.053	17.917
XXXX.1290	0380	1.29	50°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	50°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.1400	0448	1.40	50°	7.280	10.286	14.520	17.752	20.463	22.839
XXXX.1450	0480	1.45	50°	7.809	11.034	15.576	19.043	21.950	24.499
XXXX.1500	0514	1.50	50°	8.357	11.808	16.669	20.379	23.490	26.218
XXXX.1550	0549	1.55	50°	8.923	12.608	17.798	21.760	25.083	27.995
XXXX.0280	0018	0.28	60°	0.291	0.411	0.581	0.710	0.819	0.914
XXXX.0330	0025	0.33	60°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	60°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	60°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	60°	0.687	0.970	1.370	1.675	1.930	2.155

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				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
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XXXX.0460	0048	0.46	60°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	60°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	60°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	60°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	60°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	60°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	60°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	60°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	60°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	60°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	60°	3.282	4.637	6.546	8.003	9.225	10.296
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XXXX.1140	0297	1.14	60°	4.827	6.820	9.628	11.771	13.568	15.143
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XXXX.1290	0380	1.29	60°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	60°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.1400	0448	1.40	60°	7.280	10.286	14.520	17.752	20.463	22.839
XXXX.1450	0480	1.45	60°	7.809	11.034	15.576	19.043	21.950	24.499
XXXX.1500	0514	1.50	60°	8.357	11.808	16.669	20.379	23.490	26.218
XXXX.1550	0549	1.55	60°	8.923	12.608	17.798	21.760	25.083	27.995
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				DURCHFLUSSMENGE in l/min					
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XXXX.0530	0064	0.53	70°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	70°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	70°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	70°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	70°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	70°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	70°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	70°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	70°	3.282	4.637	6.546	8.003	9.225	10.296
XXXX.0990	0224	0.99	70°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	70°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	70°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	70°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.1190	0323	1.19	70°	5.260	7.431	10.491	12.826	14.784	16.501
XXXX.1240	0351	1.24	70°	5.711	8.069	11.391	13.926	16.053	17.917
XXXX.1290	0380	1.29	70°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	70°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.1400	0448	1.40	70°	7.280	10.286	14.520	17.752	20.463	22.839
XXXX.1450	0480	1.45	70°	7.809	11.034	15.576	19.043	21.950	24.499
XXXX.1500	0514	1.50	70°	8.357	11.808	16.669	20.379	23.490	26.218
XXXX.1550	0549	1.55	70°	8.923	12.608	17.798	21.760	25.083	27.995
XXXX.0330	0025	0.33	80°	0.404	0.571	0.807	0.986	1.137	1.269
XXXX.0380	0033	0.38	80°	0.536	0.758	1.070	1.308	1.508	1.683
XXXX.0410	0038	0.41	80°	0.624	0.882	1.245	1.523	1.755	1.959
XXXX.0430	0042	0.43	80°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	80°	0.786	1.110	1.568	1.917	2.209	2.466

ART. NR.	DÜSEN GRÖSSE in US Gal/min bei 40 psi	DÜSEN Ød mm	Sprühwin- kel	DRUCK in psi / bar					
				psi725	psi1450	psi2900	psi4350	psi5800	psi7250
				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0480	0053	0.48	80°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	80°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	80°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	80°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	80°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	80°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	80°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	80°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	80°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	80°	3.282	4.637	6.546	8.003	9.225	10.296
XXXX.0990	0224	0.99	80°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	80°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	80°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	80°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.1190	0323	1.19	80°	5.260	7.431	10.491	12.826	14.784	16.501
XXXX.1240	0351	1.24	80°	5.711	8.069	11.391	13.926	16.053	17.917
XXXX.1290	0380	1.29	80°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	80°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.1400	0448	1.40	80°	7.280	10.286	14.520	17.752	20.463	22.839
XXXX.1450	0480	1.45	80°	7.809	11.034	15.576	19.043	21.950	24.499
XXXX.1500	0514	1.50	80°	8.357	11.808	16.669	20.379	23.490	26.218
XXXX.1550	0549	1.55	80°	8.923	12.608	17.798	21.760	25.083	27.995
32001.0380	0033	0.38	90°	0.536	0.758	1.070	1.308	1.508	1.683
32001.0410	0038	0.41	90°	0.624	0.882	1.245	1.523	1.755	1.959
32001.0430	0042	0.43	90°	0.687	0.970	1.370	1.675	1.930	2.155
32001.0460	0048	0.46	90°	0.786	1.110	1.568	1.917	2.209	2.466
32001.0480	0053	0.48	90°	0.856	1.209	1.707	2.087	2.405	2.685
32001.0530	0064	0.53	90°	1.043	1.474	2.081	2.544	2.933	3.273

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				bar50	bar100	bar200	bar300	bar400	bar500
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32001.0580	0077	0.58	90°	1.249	1.765	2.492	3.047	3.512	3.920
32001.0630	0091	0.63	90°	1.474	2.083	2.940	3.595	4.144	4.625
32001.0680	0106	0.68	90°	1.717	2.427	3.426	4.188	4.828	5.388
32001.0730	0122	0.73	90°	1.979	2.797	3.948	4.827	5.564	6.210
32001.0780	0139	0.78	90°	2.260	3.193	4.507	5.510	6.352	7.089
32001.0840	0161	0.84	90°	2.621	3.703	5.227	6.391	7.367	8.222
32001.0890	0181	0.89	90°	2.942	4.157	5.868	7.174	8.270	9.230
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32001.1290	0380	1.29	90°	6.181	8.733	12.328	15.072	17.373	19.391
32001.1350	0416	1.35	90°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.0430	0042	0.43	100°	0.687	0.970	1.370	1.675	1.930	2.155
XXXX.0460	0048	0.46	100°	0.786	1.110	1.568	1.917	2.209	2.466
XXXX.0480	0053	0.48	100°	0.856	1.209	1.707	2.087	2.405	2.685
XXXX.0530	0064	0.53	100°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	100°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	100°	1.474	2.083	2.940	3.595	4.144	4.625
XXXX.0680	0106	0.68	100°	1.717	2.427	3.426	4.188	4.828	5.388
XXXX.0730	0122	0.73	100°	1.979	2.797	3.948	4.827	5.564	6.210
XXXX.0780	0139	0.78	100°	2.260	3.193	4.507	5.510	6.352	7.089
XXXX.0840	0161	0.84	100°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	100°	2.942	4.157	5.868	7.174	8.270	9.230
XXXX.0940	0202	0.94	100°	3.282	4.637	6.546	8.003	9.225	10.296

ART. NR.	DÜSEN GRÖSSE in US Gal/min bei 40 psi	DÜSEN Ød mm	Sprühwin- kel	DRUCK in psi / bar					
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				bar50	bar100	bar200	bar300	bar400	bar500
				DURCHFLUSSMENGE in l/min					
XXXX.0990	0224	0.99	100°	3.640	5.143	7.261	8.877	10.232	11.420
XXXX.1040	0247	1.04	100°	4.017	5.676	8.013	9.796	11.292	12.603
XXXX.1090	0271	1.09	100°	4.413	6.235	8.802	10.761	12.404	13.844
XXXX.1140	0297	1.14	100°	4.827	6.820	9.628	11.771	13.568	15.143
XXXX.1190	0323	1.19	100°	5.260	7.431	10.491	12.826	14.784	16.501
XXXX.1240	0351	1.24	100°	5.711	8.069	11.391	13.926	16.053	17.917
XXXX.1290	0380	1.29	100°	6.181	8.733	12.328	15.072	17.373	19.391
XXXX.1350	0416	1.35	100°	6.769	9.564	13.502	16.507	19.027	21.236
XXXX.0530	0064	0.53	110°	1.043	1.474	2.081	2.544	2.933	3.273
XXXX.0580	0077	0.58	110°	1.249	1.765	2.492	3.047	3.512	3.920
XXXX.0630	0091	0.63	110°	1.474	2.083	2.940	3.595	4.144	4.625
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XXXX.0840	0161	0.84	110°	2.621	3.703	5.227	6.391	7.367	8.222
XXXX.0890	0181	0.89	110°	2.942	4.157	5.868	7.174	8.270	9.230

Instruction

	< 150 N
	< 250 N
	> 250 N

When using high-pressure spray guns and lances manually, the recoil force to be absorbed in the longitudinal axis of the spraying device must not exceed 250N! If the recoil force exceeds 150N, a body support must be used!

FAQ

1. What is the flat jet nozzle 102 used for?

The flat spray nozzle 102 is used for industrial surface treatment and cleaning. Typical applications can be found in sectors such as the automotive and aviation industries, in mechanical and plant engineering, in the metal industry and in the pulp and paper industry.

2. What spray angles are available for the flat spray nozzle 102?

The flat spray nozzle 102 is available with different spray angles from **10° to 110°**. This allows the water jet to be optimally adapted to different cleaning or machining processes.

3. What are the advantages of the flat jet nozzle 102?

The nozzle impresses with its **long service life, consistent jet quality and simple installation**. Thanks to its robust design and precise manufacturing, it offers reliable performance for demanding industrial applications.

4. For which operating conditions is the flat spray nozzle 102 suitable?

The flat spray nozzle 102 is designed for a **maximum operating pressure of up to 500 bar** and an **operating temperature of up to 150 °C**. This makes it suitable for many high-pressure cleaning and machining processes.

5. What flow rates are possible with the flat spray nozzle 102?

Depending on the nozzle opening and operating pressure, flow rates of **0.120 to 27.995 l/min** are possible. This allows the nozzle to be flexibly adapted to different applications and systems.