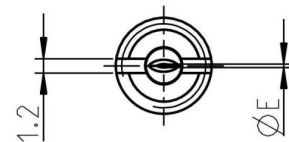
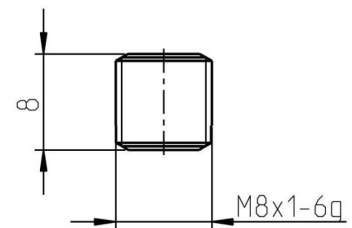
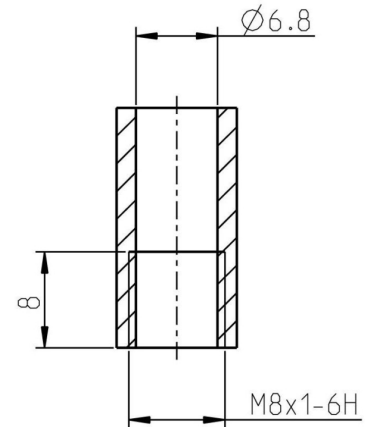


Flat jet nozzle 083

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°	31961._ _
20°	32109._ _
30°	32110._ _
40°	32111._ _
50°	32112._ _
60°	32113._ _
70°	32290._ _
80°	32114._ _
90°	32115._ _
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					
31961.0180	0007	0.18	10°	0.120	0.170	0.240	0.293	0.338	0.378
31961.0230	0012	0.23	10°	0.196	0.278	0.392	0.479	0.552	0.616
31961.0280	0018	0.28	10°	0.291	0.411	0.581	0.710	0.819	0.914
31961.0330	0025	0.33	10°	0.404	0.571	0.807	0.986	1.137	1.269
31961.0380	0033	0.38	10°	0.536	0.758	1.070	1.308	1.508	1.683
31961.0410	0038	0.41	10°	0.624	0.882	1.245	1.523	1.755	1.959
31961.0430	0042	0.43	10°	0.687	0.970	1.370	1.675	1.930	2.155
31961.0460	0048	0.46	10°	0.786	1.110	1.568	1.917	2.209	2.466
31961.0480	0053	0.48	10°	0.856	1.209	1.707	2.087	2.405	2.685
32109.0180	0007	0.18	20°	0.120	0.170	0.240	0.293	0.338	0.378
32109.0230	0012	0.23	20°	0.196	0.278	0.392	0.479	0.552	0.616
32109.0280	0018	0.28	20°	0.291	0.411	0.581	0.710	0.819	0.914
32109.0330	0025	0.33	20°	0.404	0.571	0.807	0.986	1.137	1.269
32109.0380	0033	0.38	20°	0.536	0.758	1.070	1.308	1.508	1.683
32109.0410	0038	0.41	20°	0.624	0.882	1.245	1.523	1.755	1.959
32109.0430	0042	0.43	20°	0.687	0.970	1.370	1.675	1.930	2.155
32109.0460	0048	0.46	20°	0.786	1.110	1.568	1.917	2.209	2.466
32109.0480	0053	0.48	20°	0.856	1.209	1.707	2.087	2.405	2.685
32109.0530	0064	0.53	20°	1.043	1.474	2.081	2.544	2.933	3.273
32109.0580	0077	0.58	20°	1.249	1.765	2.492	3.047	3.512	3.920
32109.0630	0091	0.63	20°	1.474	2.083	2.940	3.595	4.144	4.625
32109.0680	0106	0.68	20°	1.717	2.427	3.426	4.188	4.828	5.388
32109.0730	0122	0.73	20°	1.979	2.797	3.948	4.827	5.564	6.210
32109.0780	0139	0.78	20°	2.260	3.193	4.507	5.510	6.352	7.089
32109.0840	0161	0.84	20°	2.621	3.703	5.227	6.391	7.367	8.222
32109.0890	0181	0.89	20°	2.942	4.157	5.868	7.174	8.270	9.230
32110.0180	0007	0.18	30°	0.120	0.170	0.240	0.293	0.338	0.378
32110.0230	0012	0.23	30°	0.196	0.278	0.392	0.479	0.552	0.616

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					
32110.0280	0018	0.28	30°	0.291	0.411	0.581	0.710	0.819	0.914
32110.0330	0025	0.33	30°	0.404	0.571	0.807	0.986	1.137	1.269
32110.0380	0033	0.38	30°	0.536	0.758	1.070	1.308	1.508	1.683
32110.0410	0038	0.41	30°	0.624	0.882	1.245	1.523	1.755	1.959
32110.0430	0042	0.43	30°	0.687	0.970	1.370	1.675	1.930	2.155
32110.0460	0048	0.46	30°	0.786	1.110	1.568	1.917	2.209	2.466
32110.0480	0053	0.48	30°	0.856	1.209	1.707	2.087	2.405	2.685
32110.0530	0064	0.53	30°	1.043	1.474	2.081	2.544	2.933	3.273
32110.0580	0077	0.58	30°	1.249	1.765	2.492	3.047	3.512	3.920
32110.0630	0091	0.63	30°	1.474	2.083	2.940	3.595	4.144	4.625
32110.0680	0106	0.68	30°	1.717	2.427	3.426	4.188	4.828	5.388
32110.0730	0122	0.73	30°	1.979	2.797	3.948	4.827	5.564	6.210
32110.0780	0139	0.78	30°	2.260	3.193	4.507	5.510	6.352	7.089
32110.0840	0161	0.84	30°	2.621	3.703	5.227	6.391	7.367	8.222
32110.0890	0181	0.89	30°	2.942	4.157	5.868	7.174	8.270	9.230
32110.0940	0202	0.94	30°	3.282	4.637	6.546	8.003	9.225	10.296
32110.0990	0224	0.99	30°	3.640	5.143	7.261	8.877	10.232	11.420
32110.1040	0247	1.04	30°	4.017	5.676	8.013	9.796	11.292	12.603
32110.1090	0271	1.09	30°	4.413	6.235	8.802	10.761	12.404	13.844
32110.1140	0297	1.14	30°	4.827	6.820	9.628	11.771	13.568	15.143
32111.0180	0007	0.18	40°	0.120	0.170	0.240	0.293	0.338	0.378
32111.0230	0012	0.23	40°	0.196	0.278	0.392	0.479	0.552	0.616
32111.0280	0018	0.28	40°	0.291	0.411	0.581	0.710	0.819	0.914
32111.0330	0025	0.33	40°	0.404	0.571	0.807	0.986	1.137	1.269
32111.0380	0033	0.38	40°	0.536	0.758	1.070	1.308	1.508	1.683
32111.0410	0038	0.41	40°	0.624	0.882	1.245	1.523	1.755	1.959
32111.0430	0042	0.43	40°	0.687	0.970	1.370	1.675	1.930	2.155
32111.0460	0048	0.46	40°	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					
32111.0480	0053	0.48	40°	0.856	1.209	1.707	2.087	2.405	2.685
32111.0530	0064	0.53	40°	1.043	1.474	2.081	2.544	2.933	3.273
32111.0580	0077	0.58	40°	1.249	1.765	2.492	3.047	3.512	3.920
32111.0630	0091	0.63	40°	1.474	2.083	2.940	3.595	4.144	4.625
32111.0680	0106	0.68	40°	1.717	2.427	3.426	4.188	4.828	5.388
32111.0730	0122	0.73	40°	1.979	2.797	3.948	4.827	5.564	6.210
32111.0780	0139	0.78	40°	2.260	3.193	4.507	5.510	6.352	7.089
32111.0840	0161	0.84	40°	2.621	3.703	5.227	6.391	7.367	8.222
32111.0890	0181	0.89	40°	2.942	4.157	5.868	7.174	8.270	9.230
32111.0940	0202	0.94	40°	3.282	4.637	6.546	8.003	9.225	10.296
32111.0990	0224	0.99	40°	3.640	5.143	7.261	8.877	10.232	11.420
32111.1040	0247	1.04	40°	4.017	5.676	8.013	9.796	11.292	12.603
32111.1090	0271	1.09	40°	4.413	6.235	8.802	10.761	12.404	13.844
32111.1140	0297	1.14	40°	4.827	6.820	9.628	11.771	13.568	15.143
32111.1190	0323	1.19	40°	5.260	7.431	10.491	12.826	14.784	16.501
32111.1240	0351	1.24	40°	5.711	8.069	11.391	13.926	16.053	17.917
32111.1290	0380	1.29	40°	6.181	8.733	12.328	15.072	17.373	19.391
32111.1350	0416	1.35	40°	6.769	9.564	13.502	16.507	19.027	21.236
32111.1400	0448	1.40	40°	7.280	10.286	14.520	17.752	20.463	22.839
32111.1450	0480	1.45	40°	7.809	11.034	15.576	19.043	21.950	24.499
32111.1500	0514	1.50	40°	8.357	11.808	16.669	20.379	23.490	26.218
32111.1550	0549	1.55	40°	8.923	12.608	17.798	21.760	25.083	27.995
32112.0230	0012	0.23	50°	0.196	0.278	0.392	0.479	0.552	0.616
32112.0280	0018	0.28	50°	0.291	0.411	0.581	0.710	0.819	0.914
32112.0330	0025	0.33	50°	0.404	0.571	0.807	0.986	1.137	1.269
32112.0380	0033	0.38	50°	0.536	0.758	1.070	1.308	1.508	1.683
32112.0410	0038	0.41	50°	0.624	0.882	1.245	1.523	1.755	1.959
32112.0430	0042	0.43	50°	0.687	0.970	1.370	1.675	1.930	2.155

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					
32112.0460	0048	0.46	50°	0.786	1.110	1.568	1.917	2.209	2.466
32112.0480	0053	0.48	50°	0.856	1.209	1.707	2.087	2.405	2.685
32112.0530	0064	0.53	50°	1.043	1.474	2.081	2.544	2.933	3.273
32112.0580	0077	0.58	50°	1.249	1.765	2.492	3.047	3.512	3.920
32112.0630	0091	0.63	50°	1.474	2.083	2.940	3.595	4.144	4.625
32112.0680	0106	0.68	50°	1.717	2.427	3.426	4.188	4.828	5.388
32112.0730	0122	0.73	50°	1.979	2.797	3.948	4.827	5.564	6.210
32112.0780	0139	0.78	50°	2.260	3.193	4.507	5.510	6.352	7.089
32112.0840	0161	0.84	50°	2.621	3.703	5.227	6.391	7.367	8.222
32112.0890	0181	0.89	50°	2.942	4.157	5.868	7.174	8.270	9.230
32112.0940	0202	0.94	50°	3.282	4.637	6.546	8.003	9.225	10.296
32112.0990	0224	0.99	50°	3.640	5.143	7.261	8.877	10.232	11.420
32112.1040	0247	1.04	50°	4.017	5.676	8.013	9.796	11.292	12.603
32112.1090	0271	1.09	50°	4.413	6.235	8.802	10.761	12.404	13.844
32112.1140	0297	1.14	50°	4.827	6.820	9.628	11.771	13.568	15.143
32112.1190	0323	1.19	50°	5.260	7.431	10.491	12.826	14.784	16.501
32112.1240	0351	1.24	50°	5.711	8.069	11.391	13.926	16.053	17.917
32112.1290	0380	1.29	50°	6.181	8.733	12.328	15.072	17.373	19.391
32112.1350	0416	1.35	50°	6.769	9.564	13.502	16.507	19.027	21.236
32112.1400	0448	1.40	50°	7.280	10.286	14.520	17.752	20.463	22.839
32112.1450	0480	1.45	50°	7.809	11.034	15.576	19.043	21.950	24.499
32112.1500	0514	1.50	50°	8.357	11.808	16.669	20.379	23.490	26.218
32112.1550	0549	1.55	50°	8.923	12.608	17.798	21.760	25.083	27.995
32113.0280	0018	0.28	60°	0.291	0.411	0.581	0.710	0.819	0.914
32113.0330	0025	0.33	60°	0.404	0.571	0.807	0.986	1.137	1.269
32113.0380	0033	0.38	60°	0.536	0.758	1.070	1.308	1.508	1.683
32113.0410	0038	0.41	60°	0.624	0.882	1.245	1.523	1.755	1.959
32113.0430	0042	0.43	60°	0.687	0.970	1.370	1.675	1.930	2.155

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					
32113.0460	0048	0.46	60°	0.786	1.110	1.568	1.917	2.209	2.466
32113.0480	0053	0.48	60°	0.856	1.209	1.707	2.087	2.405	2.685
32113.0530	0064	0.53	60°	1.043	1.474	2.081	2.544	2.933	3.273
32113.0580	0077	0.58	60°	1.249	1.765	2.492	3.047	3.512	3.920
32113.0630	0091	0.63	60°	1.474	2.083	2.940	3.595	4.144	4.625
32113.0680	0106	0.68	60°	1.717	2.427	3.426	4.188	4.828	5.388
32113.0730	0122	0.73	60°	1.979	2.797	3.948	4.827	5.564	6.210
32113.0780	0139	0.78	60°	2.260	3.193	4.507	5.510	6.352	7.089
32113.0840	0161	0.84	60°	2.621	3.703	5.227	6.391	7.367	8.222
32113.0890	0181	0.89	60°	2.942	4.157	5.868	7.174	8.270	9.230
32113.0940	0202	0.94	60°	3.282	4.637	6.546	8.003	9.225	10.296
32113.0990	0224	0.99	60°	3.640	5.143	7.261	8.877	10.232	11.420
32113.1040	0247	1.04	60°	4.017	5.676	8.013	9.796	11.292	12.603
32113.1090	0271	1.09	60°	4.413	6.235	8.802	10.761	12.404	13.844
32113.1140	0297	1.14	60°	4.827	6.820	9.628	11.771	13.568	15.143
32113.1190	0323	1.19	60°	5.260	7.431	10.491	12.826	14.784	16.501
32113.1240	0351	1.24	60°	5.711	8.069	11.391	13.926	16.053	17.917
32113.1290	0380	1.29	60°	6.181	8.733	12.328	15.072	17.373	19.391
32113.1350	0416	1.35	60°	6.769	9.564	13.502	16.507	19.027	21.236
32113.1400	0448	1.40	60°	7.280	10.286	14.520	17.752	20.463	22.839
32113.1450	0480	1.45	60°	7.809	11.034	15.576	19.043	21.950	24.499
32113.1500	0514	1.50	60°	8.357	11.808	16.669	20.379	23.490	26.218
32113.1550	0549	1.55	60°	8.923	12.608	17.798	21.760	25.083	27.995
32290.0280	0018	0.28	70°	0.291	0.411	0.581	0.710	0.819	0.914
32290.0330	0025	0.33	70°	0.404	0.571	0.807	0.986	1.137	1.269
32290.0380	0033	0.38	70°	0.536	0.758	1.070	1.308	1.508	1.683
32290.0410	0038	0.41	70°	0.624	0.882	1.245	1.523	1.755	1.959
32290.0430	0042	0.43	70°	0.687	0.970	1.370	1.675	1.930	2.155

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					
32290.0460	0048	0.46	70°	0.786	1.110	1.568	1.917	2.209	2.466
32290.0480	0053	0.48	70°	0.856	1.209	1.707	2.087	2.405	2.685
32290.0530	0064	0.53	70°	1.043	1.474	2.081	2.544	2.933	3.273
32290.0580	0077	0.58	70°	1.249	1.765	2.492	3.047	3.512	3.920
32290.0630	0091	0.63	70°	1.474	2.083	2.940	3.595	4.144	4.625
32290.0680	0106	0.68	70°	1.717	2.427	3.426	4.188	4.828	5.388
32290.0730	0122	0.73	70°	1.979	2.797	3.948	4.827	5.564	6.210
32290.0780	0139	0.78	70°	2.260	3.193	4.507	5.510	6.352	7.089
32290.0840	0161	0.84	70°	2.621	3.703	5.227	6.391	7.367	8.222
32290.0890	0181	0.89	70°	2.942	4.157	5.868	7.174	8.270	9.230
32290.0940	0202	0.94	70°	3.282	4.637	6.546	8.003	9.225	10.296
32290.0990	0224	0.99	70°	3.640	5.143	7.261	8.877	10.232	11.420
32290.1040	0247	1.04	70°	4.017	5.676	8.013	9.796	11.292	12.603
32290.1090	0271	1.09	70°	4.413	6.235	8.802	10.761	12.404	13.844
32290.1140	0297	1.14	70°	4.827	6.820	9.628	11.771	13.568	15.143
32290.1190	0323	1.19	70°	5.260	7.431	10.491	12.826	14.784	16.501
32290.1240	0351	1.24	70°	5.711	8.069	11.391	13.926	16.053	17.917
32290.1290	0380	1.29	70°	6.181	8.733	12.328	15.072	17.373	19.391
32290.1350	0416	1.35	70°	6.769	9.564	13.502	16.507	19.027	21.236
32290.1400	0448	1.40	70°	7.280	10.286	14.520	17.752	20.463	22.839
32290.1450	0480	1.45	70°	7.809	11.034	15.576	19.043	21.950	24.499
32290.1500	0514	1.50	70°	8.357	11.808	16.669	20.379	23.490	26.218
32290.1550	0549	1.55	70°	8.923	12.608	17.798	21.760	25.083	27.995
32114.0330	0025	0.33	80°	0.404	0.571	0.807	0.986	1.137	1.269
32114.0380	0033	0.38	80°	0.536	0.758	1.070	1.308	1.508	1.683
32114.0410	0038	0.41	80°	0.624	0.882	1.245	1.523	1.755	1.959
32114.0430	0042	0.43	80°	0.687	0.970	1.370	1.675	1.930	2.155
32114.0460	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					
32114.0480	0053	0.48	80°	0.856	1.209	1.707	2.087	2.405	2.685
32114.0530	0064	0.53	80°	1.043	1.474	2.081	2.544	2.933	3.273
32114.0580	0077	0.58	80°	1.249	1.765	2.492	3.047	3.512	3.920
32114.0630	0091	0.63	80°	1.474	2.083	2.940	3.595	4.144	4.625
32114.0680	0106	0.68	80°	1.717	2.427	3.426	4.188	4.828	5.388
32114.0730	0122	0.73	80°	1.979	2.797	3.948	4.827	5.564	6.210
32114.0780	0139	0.78	80°	2.260	3.193	4.507	5.510	6.352	7.089
32114.0840	0161	0.84	80°	2.621	3.703	5.227	6.391	7.367	8.222
32114.0890	0181	0.89	80°	2.942	4.157	5.868	7.174	8.270	9.230
32114.0940	0202	0.94	80°	3.282	4.637	6.546	8.003	9.225	10.296
32114.0990	0224	0.99	80°	3.640	5.143	7.261	8.877	10.232	11.420
32114.1040	0247	1.04	80°	4.017	5.676	8.013	9.796	11.292	12.603
32114.1090	0271	1.09	80°	4.413	6.235	8.802	10.761	12.404	13.844
32114.1140	0297	1.14	80°	4.827	6.820	9.628	11.771	13.568	15.143
32114.1190	0323	1.19	80°	5.260	7.431	10.491	12.826	14.784	16.501
32114.1240	0351	1.24	80°	5.711	8.069	11.391	13.926	16.053	17.917
32114.1290	0380	1.29	80°	6.181	8.733	12.328	15.072	17.373	19.391
32114.1350	0416	1.35	80°	6.769	9.564	13.502	16.507	19.027	21.236
32114.1400	0448	1.40	80°	7.280	10.286	14.520	17.752	20.463	22.839
32114.1450	0480	1.45	80°	7.809	11.034	15.576	19.043	21.950	24.499
32114.1500	0514	1.50	80°	8.357	11.808	16.669	20.379	23.490	26.218
32114.1550	0549	1.55	80°	8.923	12.608	17.798	21.760	25.083	27.995
32115.0380	0033	0.38	90°	0.536	0.758	1.070	1.308	1.508	1.683
32115.0410	0038	0.41	90°	0.624	0.882	1.245	1.523	1.755	1.959
32115.0430	0042	0.43	90°	0.687	0.970	1.370	1.675	1.930	2.155
32115.0460	0048	0.46	90°	0.786	1.110	1.568	1.917	2.209	2.466
32115.0480	0053	0.48	90°	0.856	1.209	1.707	2.087	2.405	2.685
32115.0530	0064	0.53	90°	1.043	1.474	2.081	2.544	2.933	3.273

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32115.1350	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
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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

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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
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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
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XXXX.0730	0122	0.73	110°	1.979	2.797	3.948	4.827	5.564	6.210
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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 083 used for?

The flat spray nozzle 083 is used for **surface treatment and cleaning in numerous industries**. These include the automotive, construction, steel, energy, pulp and paper industries.

Its uniform flat jet makes it ideal for processing large surfaces, e.g. for cleaning, decoating or pretreating materials.

2. What spray angles are available for the flat spray nozzle 083?

The flat spray nozzle 083 is available in a variety of spray angles to optimally cover different applications:

- **10° to 40°:** Strongly focused jet for intensive cleaning
- **50° to 80°:** Universal applications with good surface coverage
- **90° to 110°:** Wide spray patterns for large-area cleaning

This variety enables optimum adaptation to specific requirements and systems.

3. What are the technical specifications of the flat spray nozzle 083?

The most important technical data at a glance:

- **Max. Operating pressure:** 500 bar
- **Max. Operating temperature:** 150 °C
- **Flow rate:** approx. 0.120 to 27.995 l/min (depending on nozzle size, pressure and spray angle)
- **Various nozzle sizes and designs available**

This range enables both precise and large-area applications.

4. With which systems is the flat spray nozzle 083 compatible?

Thanks to the **wide range of external shapes and design variants**, the flat spray nozzle 083 can be integrated into almost all **customer-specific installations and systems**.

It is compatible with a wide range of industrial high-pressure and cleaning systems and is easy to install and dismantle.

5. What advantages does the flat spray nozzle 083 offer in use?

The flat jet nozzle 083 offers numerous advantages:

- Long service life and high wear resistance
- Consistent and uniform jet quality
- Efficient surface coverage during surface treatment
- Easy installation and maintenance
- Versatile use in numerous industries
- **Swiss Quality from mvt AG**

These properties make it a reliable and economical solution for industrial applications.