

Ruby nozzle 6640

The ruby nozzle type 6640 for the paper and cardboard industry is used for cleaning screens and press felts. Our high-performance nozzle is characterized by its service life, efficiency and quality. The ruby insert used in particular guarantees a long service life and consistent jet quality.



Features and advantages

- Long service life
- Consistent blasting quality
- Precise cutting accuracy
- Small cutting width
- High cutting performance
- Good price-performance ratio
- Swiss Quality

Applications

MVT AG is a Swiss supplier of high-quality and precise components and systems for the industrial sector.

- Pulp and paper industry
- Industrial cleaning
- Corrugated board

ART. NO. (1)

31119._ _

Specifications



**Operating pressure (bar)
max.**

80



**Operating temperature (°C)
max.**

150

ART. NO.	NOZZLE SIZE in US Gal/ min at 40 psi	NOZZLE S Ød mm	PRESSURE in psi / bar							
			psi145	psi290	psi435	psi580	psi725	psi870	psi1015	psi1160
			bar10	bar20	bar30	bar40	bar50	bar60	bar70	bar80
			FLOW RATE in l/min							
31119.0600	0071	0.60	0.515	0.728	0.892	1.030	1.151	1.261	1.361	1.455
31119.0700	0096	0.70	0.701	0.991	1.214	1.401	1.567	1.716	1.853	1.980
31119.0800	0126	0.80	0.916	1.295	1.585	1.830	2.046	2.241	2.420	2.587
31119.0900	0160	0.90	1.159	1.639	2.007	2.317	2.590	2.836	3.063	3.274
31119.1000	0197	1.00	1.431	2.023	2.477	2.860	3.197	3.501	3.781	4.042
31119.1100	0238	1.10	1.731	2.448	2.997	3.461	3.868	4.237	4.575	4.890
31119.1200	0283	1.20	2.060	2.913	3.567	4.118	4.604	5.042	5.445	5.820
31119.1300	0333	1.30	2.418	3.419	4.187	4.833	5.403	5.917	6.390	6.830
31119.1400	0386	1.40	2.804	3.965	4.855	5.606	6.266	6.863	7.411	7.922
31119.1500	0443	1.50	3.219	4.552	5.574	6.435	7.193	7.878	8.508	9.094
31119.1600	0504	1.60	3.663	5.179	6.342	7.322	8.184	8.964	9.680	10.347

FAQ

1. What is the ruby nozzle 6640 used for?

The 6640 ruby nozzle is mainly used in the pulp and paper industry. It is used to effectively clean screens and press felts in paper machines and helps to reliably remove deposits and ensure production quality.

2. What advantages does the ruby insert of the 6640 ruby nozzle offer?

The integrated ruby insert is particularly wear-resistant and ensures a consistently high jet quality. This keeps the water jet precisely focused and enables efficient and even cleaning over long operating times.

3. In which areas can the Ruby nozzle 6640 be used?

The ruby nozzle is particularly suitable for applications in the pulp and paper industry, in corrugated board production and for various industrial cleaning processes.

4. What operating conditions are suitable for the Ruby nozzle 6640?

The 6640 ruby nozzle is designed for a maximum operating pressure of **80 bar** and a maximum operating temperature of **150 °C**. This makes it ideal for continuous industrial applications. This makes it ideal for continuous industrial applications.

5. What flow rates are possible with the Ruby nozzle 6640?

Depending on the nozzle opening, the Ruby nozzle 6640 enables flow rates of **0.515 to 10.347 l/min.** This means it can be flexibly adapted to different cleaning requirements and system configurations.