

Ruby nozzle 6645

The ruby nozzle type 6645 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

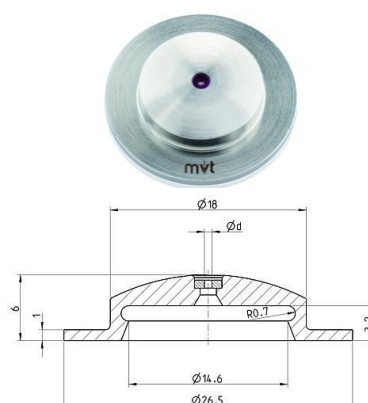
Applications

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)

31962._ _



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							
31962.0600	0071	0.60	0.515	0.728	0.892	1.030	1.151	1.261	1.361	1.455
31962.0700	0096	0.70	0.701	0.991	1.214	1.401	1.567	1.716	1.853	1.980
31962.0800	0126	0.80	0.916	1.295	1.585	1.830	2.046	2.241	2.420	2.587
31962.0900	0160	0.90	1.159	1.639	2.007	2.317	2.590	2.836	3.063	3.274
31962.1000	0197	1.00	1.431	2.023	2.477	2.860	3.197	3.501	3.781	4.042
31962.1100	0238	1.10	1.731	2.448	2.997	3.461	3.868	4.237	4.575	4.890
31962.1200	0283	1.20	2.060	2.913	3.567	4.118	4.604	5.042	5.445	5.820
31962.1400	0386	1.40	2.804	3.965	4.855	5.606	6.266	6.863	7.411	7.922
31962.1500	0443	1.50	3.219	4.552	5.574	6.435	7.193	7.878	8.508	9.094
31962.1600	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 6645 used for?

The 6645 ruby nozzle is mainly used in the pulp and paper industry. It is used for the effective cleaning of screens and press felts in paper machines and ensures the reliable removal of deposits and impurities.

2. What are the advantages of the ruby insert in the nozzle?

The high-quality ruby insert ensures particularly high wear resistance and a consistently stable jet quality. This keeps the water jet precisely focused and guarantees a consistently high cleaning performance over long operating times.

3. What operating conditions are suitable for the Ruby nozzle 6645?

The 6645 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 industrial applications with continuous use.

4. In which industrial sectors is the 6645 ruby nozzle used?

The nozzle is primarily used in the **paper and cardboard industry**. Typical applications include the cleaning of screens, press felts and other processes in corrugated board production and industrial cleaning.

5. Why are mvt ruby nozzles particularly economical?

Thanks to durable materials, precise manufacturing and high blasting quality, mvt high-performance nozzles offer a long service life. This reduces maintenance requirements, downtimes and spare parts costs.