

Ruby nozzle 6641

The high-performance nozzles for paper cutting from mvt AG are characterized by their service life, efficiency and quality. The extensive range of nozzles offers the right type for most commercially available paper cutting systems. 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

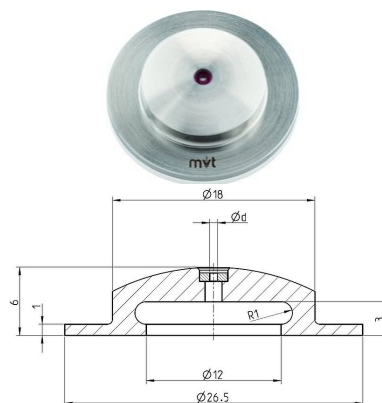
Applications

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)

31117._ _



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							
31117.0600	0071	0.60	0.515	0.728	0.892	1.030	1.151	1.261	1.361	1.455
31117.0700	0096	0.70	0.701	0.991	1.214	1.401	1.567	1.716	1.853	1.980
31117.0800	0126	0.80	0.916	1.295	1.585	1.830	2.046	2.241	2.420	2.587
31117.0900	0160	0.90	1.159	1.639	2.007	2.317	2.590	2.836	3.063	3.274
31117.1000	0197	1.00	1.431	2.023	2.477	2.860	3.197	3.501	3.781	4.042
31117.1100	0238	1.10	1.731	2.448	2.997	3.461	3.868	4.237	4.575	4.890
31117.1200	0283	1.20	2.060	2.913	3.567	4.118	4.604	5.042	5.445	5.820
31117.1400	0386	1.40	2.804	3.965	4.855	5.606	6.266	6.863	7.411	7.922
31117.1500	0443	1.50	3.219	4.552	5.574	6.435	7.193	7.878	8.508	9.094
31117.1600	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 6641 used for?

The 6641 ruby nozzle was specially developed for **precise paper cutting**. Typical applications are

- Pulp and paper industry
- Corrugated board production
- Industrial cutting processes

It ensures **precise cutting edges and efficient cutting processes**, even at high production speeds.

2. What advantages does the ruby insert offer?

The high-quality ruby insert guarantees

- **Very long service life** due to high wear resistance
- **Constant blasting quality** over long periods of time
- Consistent **cutting precision**

This increases process stability and reduces maintenance costs.

3. What characterizes the cutting quality of the nozzle?

The ruby nozzle 6641 impresses with:

- **Very precise cutting accuracy**
- **Small cutting width**

- **High cutting performance**

These properties enable clean cuts without fraying the material - ideal for demanding paper applications.

4. What are the technical specifications of the 6641 ruby nozzle?

The most important technical data at a glance:

- **Max. Operating pressure:** 80 bar
- **Max. Operating temperature:** 150 °C
- **Nozzle sizes:** 0.60 mm to 1.60 mm
- **Flow rate:** approx. 0.515 to 10.347 l/min
- **Article number range:** 31117._ _

This range enables optimum adaptation to different cutting requirements.

5. For which systems is the Ruby nozzle suitable?

The nozzle is compatible with most **common paper cutting systems** and can be easily integrated.

Thanks to the wide range of products, mvt AG offers the right variant for almost every application - ideal for **new systems and retrofitting existing systems**.