

Ceramic nozzle 6740 MSD-3

The mvt AG high-performance MSD nozzles (multi-jet nozzles) are mainly used for cleaning screens and felts. The nozzles are characterized by their long service life, high efficiency and quality. The jet of these nozzles is coherent, resulting in a long service life. The extensive range of MSD nozzles offers the right type for most commercially available cleaning devices, e.g. cleaning heads in the paper industry. The ceramic insert used in particular guarantees a long service life and consistent jet quality.



Features and advantages

- Long service life
- Constant jet quality
- Highly concentrated water jet
- Point jet with high energy density
- Easy installation and disassembly
- 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

Connection thread	ART. NO. (1)	Number of beams
M18x1.00	31101._ _	3

Specifications



**Operating pressure (bar)
max.**

500



**Operating temperature (°C)
max.**

150

ART. NO.	NOZZLES Ød mm	Number of jets	PRESSURE in psi / bar						
			psi1450	psi2175	psi2900	psi3625	psi4350	psi5800	psi7250
			bar100	bar150	bar200	bar250	bar300	bar400	bar500
			FLOW RATE in l/min						
31101.0200	0.20	3	1.626	1.989	2.295	2.565	2.808	3.234	3.612
31101.0025	0.25	3	2.541	3.108	3.588	4.008	4.386	5.055	5.643
31101.0300	0.30	3	3.660	4.476	5.166	5.769	6.315	7.278	8.124

FAQ

1. What is the MSD ceramic nozzle 6740 MSD-3 used for?

The MSD ceramic nozzle 6740 MSD-3 is mainly used for cleaning **screens, felts and system components in the pulp and paper industry**. Thanks to its precisely aligned multiple jets, it ensures effective removal of deposits and soiling and supports a stable production process.

2. What advantages does the ceramic insert of the MSD nozzle offer?

The high-quality ceramic insert is particularly **wear-resistant and durable**. As a result, the shape of the nozzle opening remains constant even at high pressures, which enables **consistent jet quality and reliable cleaning performance**.
This reduces maintenance intervals and extends the service life of the nozzle in industrial use.

3. What are the technical specifications of the MSD ceramic nozzle 6740 MSD-3?

The most important technical data at a glance:

- **Max. Operating pressure:** 500 bar
- **Max. Operating temperature:** 150 °C
- **Number of jets:** 3
- **Nozzle openings:** 0.20 mm / 0.25 mm / 0.30 mm
- **Flow rate:** approx. 1.626 to 8.124 l/min (depending on pressure and nozzle size)
- **Connection thread:** M18 × 1.00

These specifications enable efficient and precise cleaning in industrial applications.

4. Which cleaning systems is the MSD ceramic nozzle compatible with?

The MSD nozzle series is designed to be compatible with most **commercially available cleaning heads and cleaning systems in the paper industry**. Thanks to the standardized **M18 × 1.00** connection thread, the nozzle is easy to install and quick to replace.

5. What advantages does the MSD ceramic nozzle offer in industrial use?

The MSD ceramic nozzle offers several important advantages:

- Long service life thanks to robust ceramic insert
- Highly focused water jets with high energy density
- Constant jet quality over long operating times
- Efficient cleaning of screens and felts
- Easy installation and maintenance
- Attractive price-performance ratio
- **Swiss Quality from mvt AG**

These features make the nozzle a reliable solution for industrial cleaning applications.