

— MSD

Ceramic nozzle 6741 G-MSD-3 60°



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 removal
- 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	32044._ _	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						
32044.0200	0.20	3	1.626	1.989	2.295	2.565	2.808	3.234	3.612
32044.0025	0.25	3	2.541	3.108	3.588	4.008	4.386	5.055	5.643
32044.0300	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 6741 G-MSD-3 used for?

The MSD ceramic nozzle 6741 G-MSD-3 was specially developed for cleaning processes in the **pulp and paper industry**. It is mainly used for the effective cleaning of **screens, felts and other components of paper machines**.

Thanks to its concentrated multi-jet, it ensures thorough removal of deposits and soiling while at the same time ensuring efficient water consumption.

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

The ceramic insert used is particularly **wear-resistant and durable**. As a result, the jet geometry remains constant over a long period of time, ensuring a consistently high cleaning performance. The robust material also reduces maintenance requirements and extends the service life of the nozzle in continuous industrial operation.

3. What are the technical specifications of the MSD ceramic nozzle 6741 G-MSD-3?

The most important technical data at a glance:

- **Max. Operating pressure:** 500 bar
- **Max. Operating temperature:** 150 °C
- **Number of jets:** 3
- **Spray angle:** 60°
- **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 precise and powerful cleaning in industrial applications.

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

The MSD nozzle series has been 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 decisive advantages for industrial cleaning processes:

- Long service life due to high-quality ceramic insert
- Highly focused multiple jet with high energy density
- Constant jet quality over long operating times
- Easy installation and disassembly
- Efficient and reliable cleaning
- Attractive price-performance ratio
- **Swiss Quality from mvt AG**

These features make the MSD nozzle a reliable solution for demanding cleaning tasks.