

Ceramic nozzle 6741 G-MSD-4 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 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	32044._ _	4

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	4	2.892	3.536	4.080	4.560	4.988	5.752	6.420
32044.0025	0.25	4	4.516	5.528	6.376	7.124	7.796	8.988	10.028
32044.0300	0.30	4	6.504	7.960	9.184	10.256	11.228	12.940	14.444

FAQ

1. What is the MSD ceramic nozzle 6741 G-MSD-4 used for?

The MSD ceramic nozzle 6741 G-MSD-4 was specially developed for cleaning applications in the pulp and paper industry. It is mainly used for cleaning **screens and felts** in paper machines. Thanks to its highly concentrated multi-jet, it enables effective removal of dirt and deposits while maintaining high energy efficiency.

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

The high-quality ceramic insert ensures particularly high wear resistance. As a result, the nozzle has a significantly longer service life than conventional materials. In addition, the ceramic insert ensures a **consistent jet quality**, which means that cleaning processes remain constant and reliable over a long period of time.

3. What are the technical specifications of the MSD ceramic nozzle 6741 G-MSD-4?

The most important technical data at a glance:

- **Max. Operating pressure:** 500 bar
- **Max. Operating temperature:** 150 °C
- **Number of jets:** 4
- **Spray angle:** 60°
- **Nozzle openings:** 0.20 mm / 0.25 mm / 0.30 mm
- **Flow rate:** approx. 2.892 to 14.444 l/min (depending on pressure and nozzle size)
- **Connection thread:** M18 × 1.00

These specifications make the nozzle ideal for industrial high-pressure cleaning systems.

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

The MSD nozzle range has been developed to be compatible with most **commercially available cleaning heads and cleaning devices in the paper industry**. The standardized M18×1.00 connection thread makes the nozzle easy to install and replace.

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

The MSD ceramic nozzle impresses with several high-performance properties:

- Long service life thanks to wear-resistant ceramic insert
- Highly focused multi-jet with high energy density
- Constant jet quality over long operating times
- Easy installation and removal
- Efficient cleaning with low water consumption
- Outstanding price-performance ratio
- **Swiss Quality** from mvt AG

These features make it a reliable solution for demanding industrial cleaning processes.