

Ceramic nozzle 6740 MSD-6

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	31099. __	6

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						
31099.0150	0.15	6	3.660	4.476	5.166	5.772	6.312	7.278	8.124
31099.0200	0.20	6	6.504	7.962	9.180	10.260	11.226	12.942	14.442
31099.0250	0.25	6	10.164	12.438	14.346	16.026	17.544	20.220	22.566
31099.0300	0.30	6	14.634	17.910	20.658	23.076	25.260	29.118	32.496

FAQ

1. What is the MSD ceramic nozzle 6740 MSD-6 used for?

The MSD ceramic nozzle 6740 MSD-6 is mainly used for cleaning **screens, felts and machine components in the pulp and paper industry**. Thanks to its multi-jet technology with six precisely aligned jets, it ensures efficient and uniform cleaning of surfaces and supports a stable production process.

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

The integrated ceramic insert is particularly **wear-resistant and durable**. As a result, the geometry of the nozzle opening remains unchanged over a long period of time, ensuring **consistent jet quality and cleaning performance**. This reduces maintenance costs and extends the service life of the nozzle in industrial use.

3. What are the technical specifications of the MSD ceramic nozzle 6740 MSD-6?

The most important technical data at a glance:

- **Max. Operating pressure:** 500 bar
- **Max. Operating temperature:** 150 °C
- **Number of jets:** 6
- **Nozzle openings:** 0.15 mm / 0.20 mm / 0.25 mm / 0.30 mm
- **Flow rate:** approx. 3.660 to 32.496 l/min (depending on pressure and nozzle size)
- **Connection thread:** M18 × 1.00

These specifications enable high-performance cleaning in various industrial applications.

4. Which cleaning systems is the MSD ceramic 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 enables easy integration into existing systems as well as quick installation and removal.

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

The MSD ceramic nozzle offers numerous advantages for industrial cleaning processes:

- Long service life due to wear-resistant ceramic insert
- Highly focused multiple jets with high energy density
- Constant and reliable jet quality
- 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 demanding cleaning applications.