

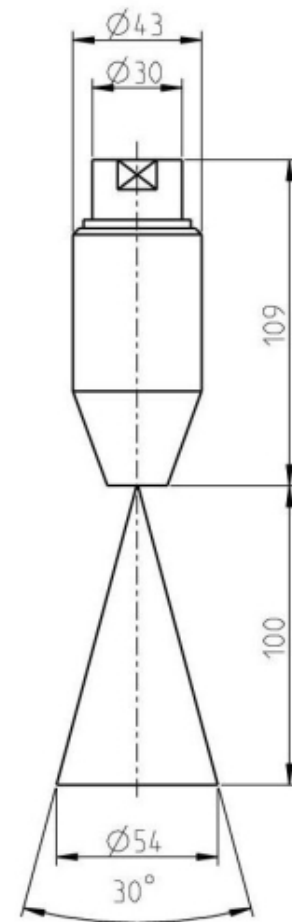
— Monro-Jet F6

Orbital nozzle Monro-Jet F6

MONRO-JET® nozzles combine the high power of the spot jet with the large area output of the flat jet. They can be used with all approved high-pressure fittings and can be mounted on lances. The F6 model can be used up to an operating pressure of 500 bar, and five different connection thread types are available. Thanks to their compact design, **MONRO-JET®** nozzles can be used in both building construction and civil engineering for surface treatment and cleaning.

Features and advantages

- Several times higher cleaning performance
- Consistent jet quality
- Long service life
- Lightweight, robust and reliable
- Easy to install and dismantle
- Swiss Quality



Applications

MVT AG is a Swiss supplier of high-quality and precise components and systems for the industrial sector.

- Surface cleaning
- Deburring and cleaning of cast parts
- Offshore applications
- Shipbuilding
- Removal of bitumen layers
- Paint removal

Connection thread	ART. NO. (1)
1/4" BSP	31457._ _
1/2" BSP	31455._ _
1/2" NPT	31456._ _
3/8" BSP	31453._ _
3/8" NPT	31454._ _

Specifications



**Operating pressure (bar)
max.**

500



**Operating temperature (°C)
max.**

100



Rotor Ø (mm)

from 0.60 to 1.65

ART. NO.	Rotor Ø	DRIVE PIPE Ø	NUMBER OF BORES	PRESSURE in psi / bar	
				psi2900	psi7250
				bar200	bar500
				FLOW RATE in l/min	
31457.0600	0.60	0.60	2	2.836	4.508
31457.0650	0.65	0.65	2	3.328	5.235
31457.0700	0.70	0.70	2	3.400	5.348
31457.0750	0.75	0.70	2	3.719	5.990
31457.0800	0.80	0.70	2	4.711	7.354
31457.0850	0.85	0.70	2	5.081	7.907
31457.0900	0.90	0.70	2	6.327	9.880
31457.0950	0.95	1.00	2	6.788	10.676
31457.1000	1.00	1.00	2	7.971	12.537
31457.1050	1.05	1.20	2	8.612	13.546
31457.1100	1.10	1.40	2	9.758	15.349
31457.1150	1.15	1.40	2	10.418	16.385
31457.1200	1.20	1.80	2	12.018	18.903
31457.1250	1.25	1.80	2	13.099	20.604
31457.1300	1.30	2.40	2	14.041	23.082

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31457.1350	1.35	2.40	2	15.689	24.677
31457.1400	1.40	2.40	2	16.910	26.597
31457.1450	1.45	2.60	2	18.139	28.530
31457.1500	1.50	2.60	2	19.412	30.532
31457.1550	1.55	2.80	2	20.840	32.779
31457.1600	1.60	2.80	2	22.206	34.927
31457.1650	1.65	3.00	2	23.616	37.144
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Instruction

When using high-pressure spray guns and lances manually, the recoil force to be absorbed in the longitudinal axis of the spraying device must not exceed 250N! If the recoil force exceeds 150N, a body support must be used!

	< 150 N
	< 250 N
	> 250 N

Accessories



Assembly tool

Art. No. 10269

FAQ

1. What is the MONRO-JET® F6 and what is it used for?

The MONRO-JET® F6 is a compact orbital nozzle for industrial cleaning and surface treatment processes up to 500 bar. It combines the high impact force of a spot jet with the surface performance of a flat jet, thus ensuring efficient, uniform surface processing.

Typical applications include surface cleaning, deburring and cleaning of cast parts, offshore applications, shipbuilding, bitumen removal and paint removal.

2. What are the technical specifications of the MONRO-JET® F6?

The most important performance data at a glance:

- **Max. operating pressure:** 500 bar
- **Max. Operating temperature:** 100 °C
- **Rotor diameter:** 0.60 mm to 1.65 mm
- **Bores:** 2
- **Flow rate:** approx. 2.84 to 37.14 l/min (at 200-500 bar, depending on version)

The F6 is specially designed for applications where controlled flow rates and high cleaning performance are required.

3. Which connection threads are available for the F6?

The MONRO-JET® F6 is available with five different connection threads and can be used with all approved high-pressure fittings and mounted on lances.

Available thread types:

- 1/4" BSP
- 3/8" BSP
- 3/8" NPT
- 1/2" BSP
- 1/2" NPT

This ensures flexible integration into existing high-pressure systems.

4. What advantages does the MONRO-JET® F6 offer in daily use?

The F6 impresses with:

- Several times higher cleaning performance
- Consistent jet quality
- Long service life
- Lightweight, robust and reliable design
- Easy installation and dismantling
- Swiss Quality

Its compact design makes it suitable for both stationary and manual applications in the construction and industrial sectors.

5. What should I bear in mind when using the MONRO-JET® F6 manually?

When used manually with high-pressure spray guns or lances, the recoil force to be absorbed in the longitudinal axis must not exceed 250 N. If the recoil force exceeds 150 N, a suitable body support must be used.

Suitable components are available for maintenance and service:

- **Nozzle body F6** (art. no. 10345)
- **Assembly tool** (Art. No. 10269)