

FOR OPTIMAL PERFORMANCE AND LONG SERVICE LIFE

Nozzle installation instructions

Flounders

Original version in English · October 2026

Models included

- FLOUNDER 1"
- HEAVY FLOUNDER 1/2"
- LIGHT FLOUNDER 1/2"



FLOUNDER 1"



HEAVY FLOUNDER 1/2"



LIGHT FLOUNDER 1/2"

IMPORTANT These nozzles must only be used as part of a suitable high-pressure water cleaning system. Pressure, flow, hose and connection components must match the calibration and model used.

BRUNA · Roberto Bruña, S.L.

Scope and intended use

BRUNA designs and manufactures high-performance nozzles for pipe and drain cleaning. The Flounder family is intended for bottom cleaning and for dragging sand, gravel, stones and other debris.

These instructions describe installation, operation, maintenance and storage.

Models included

- FLOUNDER 1"
- HEAVY FLOUNDER 1/2"
- LIGHT FLOUNDER 1/2"

Manufacture, sales and service

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Product description

Flounder nozzles use low-angle rear jets and a flat body to concentrate the cleaning action on the bottom of the pipe. The family includes a high-flow 1-inch model, a heavy 1/2-inch model and a lightweight aluminium 1/2-inch model.

Safety

DANGER High-pressure water can cause severe or fatal injury.

Main warnings

- Fully depressurize the system.
- Never direct jets toward people or electrical equipment.
- Check all water outlets before use.
- Insert the nozzle into the pipe before applying pressure.

Transport, storage and installation

- Clean and dry after use.
- Store the nozzle protected from impacts.
- Check the thread and jets before installation.

Operation

- Increase pressure gradually.
- Control forward and backward movement.
- Stop water and release pressure before removing the nozzle.

Maintenance and troubleshooting

IMPORTANT Perform maintenance only with the system depressurized.

- Inspect the nozzle after every use.
- Clean or replace blocked or damaged jets.
- Check the body, thread and swivel fitting.

Technical data

Values taken from the BRUNA 2026 catalogue. Flow values are shown as the published minimum reference for each model.

Model	Thread	Pipe	Jets	Flow	Dimensions	Weight	Notes
FLOUNDER 1"	1" or 3/4"	250 - 700 mm	(R) 8 x M8 (5° - 10°)	from 200 l/min	145 x 225 // 145 x 340 mm	9 kg	Swivel included
HEAVY FLOUNDER 1/2"	1/2" or 3/8"	160 - 400 mm	(R) 4 x M6 (5°)	from 81 l/min	90 x 150 // 90 x 240 mm	3.2 kg	Swivel included
LIGHT FLOUNDER 1/2"	1/2" or 3/8"	160 - 400 mm	(R) 4 x M6 (5°)	from 41 l/min	90 x 150 // 90 x 240 mm	0.936 // 1.32 kg	Aluminium

IMPORTANT If pressure or flow does not match the nozzle calibration, contact BRUNA before use.

