



PRECISION ABRASIVE WATERJET ACCESSORIES



OMAX® MAXJET® 5 MiniJet Nozzle Assembly

The industry's premier mini-abrasivejet nozzle.

The MiniJet is designed for abrasive waterjet cutting applications requiring a narrower cut width and/or a more precise cut. It is ideal for making parts with intricate shapes or where minimum possible taper is desired.

The MiniJet is also well-suited to cutting thin, delicate material.

MINIJET

Accessory Specifications

NOZZLE

Standard Features

- Narrow width of cut (between 0.020" and 0.025").
- Extremely coherent jet produces a cut with minimum taper.
- Very low cutting forces for working on thin delicate material, but still suitable for thicker parts and traditional metals.
- Interchangeable with the standard MAXJET 5, so it can be installed on any OMAX system with standard OMAX controller and with a variable pressure pump in minutes.

Benefits

- Cuts intricate, delicate parts with no distortion.
- Cuts parts with minimum taper from top to bottom of cut to provide increased precision.
- Cuts minimum-radius inside corners.
- Narrow cut means less wasted material, so it is ideal for precious metals and exotics.
- Low hourly operating cost due to low consumption rates of water, abrasive and power.

Requirements

- Variable speed pumps.
Contact OMAX Customer Service for information.



About OMAX

OMAX is the leader in designing and manufacturing precision abrasive waterjet machining equipment. For more information on what other OMAX products and accessories can do for you, call us today.

OMAX Corporation

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The OMAX Technology Guarantee entitles you, as the original owner, to free OMAX software upgrades for the life of the machine.





PRECISION ABRASIVE WATERJET ACCESSORIES



OMAX® MAXJET® 5 Nozzle Assembly

The industry's premier abrasivejet nozzle and mini-abrasivejet nozzle.

Designed for use with the OMAX JetMachining® system, the MAXJET 5 features an orifice with a robust design. The resulting high-density jet is tightly defined to produce a small kerf with minimal frosting, surface striations and taper.

Coupled with OMAX's patented motion control software, the MAXJET 5 offers repeatable cut quality superior to any other nozzle on the market.

MAXJET 5

Accessory Specifications

NOZZLE

Benefits

- Robust and low cost orifice assembly for a longer life.
- Orifice and mixing tube are self-aligned to assure reliable operation.
- Soft seal design allows easy service.
- Four-inch mixing tube offers maximum precision and superior quality cut.
- Robust nozzle inlet tube features high fatigue strength and resistance to wear.
- Nozzle body has no contact with abrasives or high-pressure water resulting in longer life.
- Diamond orifice ($\pm .014$ ") is available.
- All parts are sized for easy handling and maintenance.
- Accurate tool tip location for tilting nozzle applications.



See back for OMAX MAXJET 5 MiniJet Nozzle Assembly.

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