



OMAX® MAXJET® 5i Nozzle

The standard long-life integrated nozzle

Warranted to last 500 hours or more*, the MAXJET 5i combines OMAX precision with rugged durability and convenience. This one-piece factory-aligned, integrated assembly eliminates the need to rebuild the nozzle body – simply replace the entire nozzle body when necessary. The MAXJET 5i also provides more accurate and consistent jet alignment over the life of the nozzle.

* Warranty prorated for use

MAXJET 5i Standard Feature

- High quality nozzle components - diamond orifice and carbide disc are permanently fixed inside the mixing chamber and nozzle body to ensure precise internal component alignment

MAXJET 5i Benefits

- Get better quality cut parts
- Completely integrated nozzle body comes ready to install
- Reduce downtime – no more nozzle body rebuilds!
- Experience overall lower operating cost compared to traditional nozzles
- Prolong mixing tube life by generating a more accurate jet stream to reduce internal contact with abrasive

OPTIONAL NOZZLES



MAXJET 5i MINIJET Standard Features

- High quality nozzle components include mixing chamber, carbide disc, and diamond orifice permanently integrated and aligned within the nozzle body
- Cuts at a narrower width (between 0.020" and 0.025")

MAXJET 5i MINIJET Benefits

- No more nozzle body rebuilds!
- Cut intricate, delicate parts with no distortion or secondary machining
- Reduce wasted material when cutting precious materials
- Expected life 500 hours or more (limited warranty*)

PRECISION ABRASIVE WATERJET ACCESSORIES

OMAX® 7/15 MINI MAXJET®5 NOZZLE



7/15 MINI MAXJET 5 Standard Features

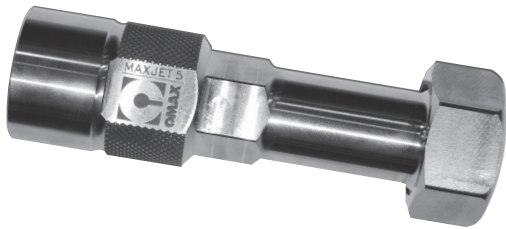
- Achieves finer precision cutting with a 0.007" orifice and a 0.015" mixing tube
- Narrower jet stream can carry finer abrasive such as 220 HPA

- Nozzle kit includes an excess flow dump valve assembly, abrasive orifice, dump valve orifice for the pump, abrasive feed tubing, and abrasive agitator

7/15 MINI MAXJET 5 Benefits

- Generates less wasted material by making narrower cuts – a distinct cutting advantage when working with precious metals and materials
- Cut intricate, delicate parts with no distortion or secondary machining
- Designed to be a compact nozzle with a single abrasive feed tube

OMAX® MAXJET®5 WATER ONLY NOZZLE



MAXJET 5 Water Only Standard Features

- Since there is no mixing tube in the assembly, the kerf width is based on the diameter of the orifice (available orifice sizes range from 0.010" to 0.014")

- Jewel orifice is positioned lower in the nozzle assembly, therefore closer to the work piece
- With Intelli-MAX® Software, you can select the "water only" cutting quality to deactivate the abrasive valve

MAXJET 5 Water Only Benefits

- Effectively cut soft material (such as rubber, foam, wood, etc.) without abrasive
- Save on consumable costs by not using wear components such as mixing tube, mixing chamber, or chamber disc

About OMAX

OMAX has the industry leading patented abrasivejet controller with a built-in expert system. Our exclusive "Compute First-Move Later" motion control system automates most programming and tool setup work, virtually eliminating the need for extensive operator training. Plus, with free OMAX Intelli-MAX® Software upgrades for the life of the machine and our ongoing commitment to advance the efficiency of our technology and software, OMAX saves you time and money.

   Connect and follow OMAX for the latest news in waterjet technology.



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

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