

Abrasive Cutting Nozzle AUTOLINE™

High Speed, Self-aligning, Cutting Nozzle

Independent tests have shown the AUTOLINE™ Abrasive Cutting Nozzle cuts faster and at a lower cost than any other nozzle.

Convenient, Modular Design

Unlike other nozzles, the AUTOLINE™ is a modular nozzle. The mixing chamber and focusing tube were designed as two separate parts which can be replaced independently as needed, reducing costs.

Simpler, Self-aligning Components

The self-aligning components of the AUTOLINE™ require no tools to assemble or disassemble when changing the orifice. It literally takes seconds to perform the quick, quarter-turn of the nozzle to remove the nozzle and orifice (abrasive line can stay attached). Once reassembled, the nozzle is right back to the Tool Center Point – without machine realignment. It can also be completely removed without tools to allow cutting with water only.

Proven to be Best

Tests performed by the University of Missouri-Rolla, showed the AUTOLINE™ Cutting Nozzle achieved best overall cutting performance. Fast cutting and low abrasive consumption helped it to win the top position.

The net result is an outstanding nozzle that delivers a sharper, more coherent, cutting stream for faster cutting while using less abrasive.



The AUTOLINE™ was designed to work with the complete line of KMT Waterjet cutting head components and the new STREAMLINE™ SL-V line of pumps. This new line of pumps is available in more sizes and with state-of-the-art features.

Please call to discuss your applications or to receive more information on any high pressure component. KMT Waterjet has a network of trained and certified technicians available to provide “Cutting Edge Solutions”.

CERTIFIED GENUINE PART

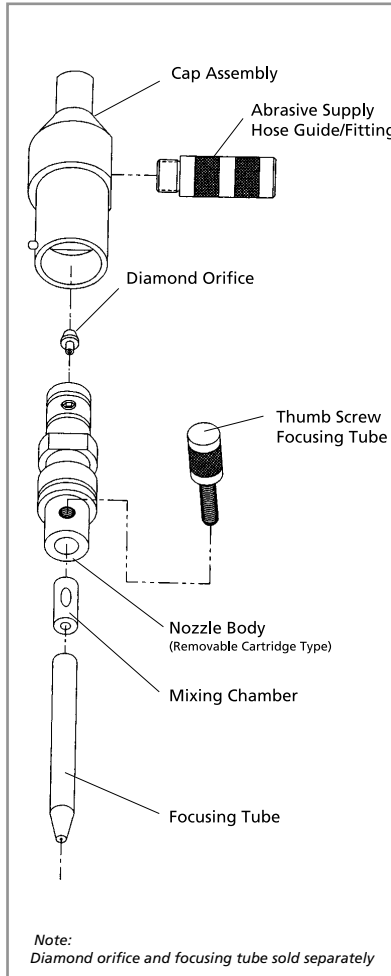
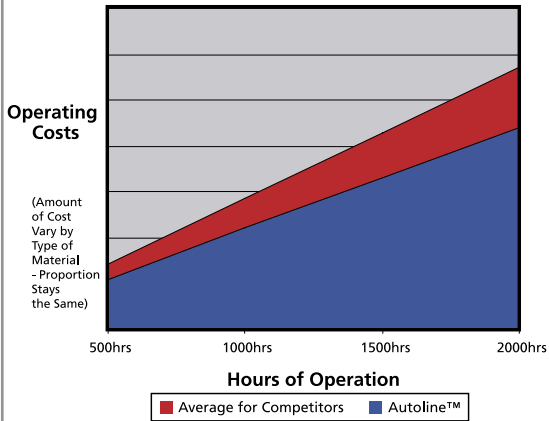


THE SYMBOL
OF QUALITY

Operating Cost Analysis of Abrasive Cutting Nozzles

Comparison made using identical operating conditions

Test results provided by Missouri-Rolla



Summary of Features

- **Self-aligning design** retains the Tool Center Point to provide more machine time
- **Tighter alignment** with the orifice extends the life of consumable parts
- **Tool-free, hand-tightening design** of the nozzle is faster to install and protects the orifice
- **Tighter waterjet stream** increases cutting speed while using less abrasive
- **Lightweight, compact design** integrates with any high-pressure system
- **Natural diamond orifice is standard** and delivers maximum life

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