HyperTube™ PRO Focusing Tube

The superior design of the HyperTube™ PRO is engineered for longer, more uniform wear preventing “focusing tube blow-out”. The HyperTube™ PRO includes an Indexing feature to insure uniform internal abrasive wear.

(HyperTube™ PRO Trademark US Patent Pending)

KMT Waterjet now offers a Cut Calculator APP that compares 90,000psi to 60,000psi cutting.

IDE® DIAMOND
60,000psi NOZZLE
(IDE - Integrated Diamond Eductor)

DIAMOND MOUNTING DESIGN IMPROVES ALIGNMENT & CUTTING PERFORMANCE

- Up to 50% more productivity-no maintenance down time*
- From 10 to 20 times greater mean time between failure
- Superior edge quality

Normally Closed Valve (Actuator and Valve Body)

Precision Engineered Nozzle Tube Increases Performance

IDE™ Head with New Diamond Mounting Improves Alignment & Cutting Performance

Focusing Tube

COMPLETE IDE® ASSEMBLY

*The KMT Integral Diamond Eductor consistently demonstrates superior performance and reduced operating cost when compared to competitive brand abrasive cutting heads.
Reduced Operating Cost
The integral diamond orifice reduces operating costs with faster cutting, extended focusing tube life and dramatically reduced downtime. The KMT Integral Diamond Eductor has demonstrated 1000+ cutting hours in the field for many applications.

Faster Cutting Speed
Precise alignment of the diamond orifice with the mixing tube allows maximum power to be delivered to the cutting surface. This extends the focusing tube life and increases the cutting speed.

Dead-On Alignment
The diamond orifice is imbedded, thus integral to the mixing chamber. The jet stream is precisely directed through the focusing tube eliminating misalignment, over-torquing, and stack up errors.

Revolutionary Mixing Chamber Design
KMT has redefined the concept of the “mixing chamber” with our coalescing plenum. The advanced coalescing plenum provides a more effective and more efficient abrasive feed. The result is no maintenance on the cutting head, maximum cutting power and ultimate performance.