KMT Waterjet Cutting Nozzles

IDE® PRO DIAMOND
90,000psi NOZZLE
(IDE - Integrated Diamond Eductör)

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

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)

Industry Standard
60,000psi/50hp Pump & Single Head Cutting

PRO-III 90,000psi/125hp Pump & Dual IDE® PRO Head Cutting

CUT PARTS
2X FASTER

NUMBER OF CUTTING HEADS | ORIFICE SIZE | @PSI
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2 | .011" (.279mm) | 90,000 (Deadhead)

KMT Waterjet now offers a Cut Calculator APP that compares 90,000psi to 60,000psi cutting. Increase Productivity @ 90,000psi!
The KMT 90,000 PSI/6,200 bar, Integral Diamond Eductor PRO, which has achieved successful cutting performance at 100,000 PSI, 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.

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**KMT ULTRA HIGH PRESSURE COMPONENTS**
KMT supplies a full line of ultra high pressure pumps, components & parts.

**STREAMLINE PRO® III 90,000psi/60hp & 125hp World’s Fastest Waterjet**

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**KMT Waterjet Systems Inc.**

635 W. 12th Street • P.O. Box 231 • Baxter Springs, KS 66713
Tel.: 1-620-856-2151 • Fax: 1-620-856-5050
www.kmtwaterjet.com • sales@waterjet.com