



Delivering Superior Cutting

The **DiaJet** abrasive cutting head produces more precise parts at considerably higher cutting speeds than parts cut with conventional waterjet heads.

Upgrade to DiaJet Technology

- Faster Cutting Speeds
- Reduced Edge Taper
- Increase Production
- Lowest Hourly Cost of Operation

Accurate & Reliable

www.waterjetgroup.ir
info@waterjetgroup.ir

Waterjet Products
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Highlights

1 Easy Upgrade

Adapts to all major manufacturers on/off valves.

2 Unitized Diamond Cutting Head

Embedded diamond eliminates misalignment and wear caused by damaged ruby orifices. The result is improved edge quality and cutting speeds. Abrasive nozzle life increases by as much as 20%.

3 DiaJet Mixing Chamber

We have advanced the mixing chamber concept by combining state-of-the-art materials with intelligent design. The result is improved abrasive utilization and maximum cutting power, while safeguarding the diamond orifice.

4 Removable Mixing Chamber

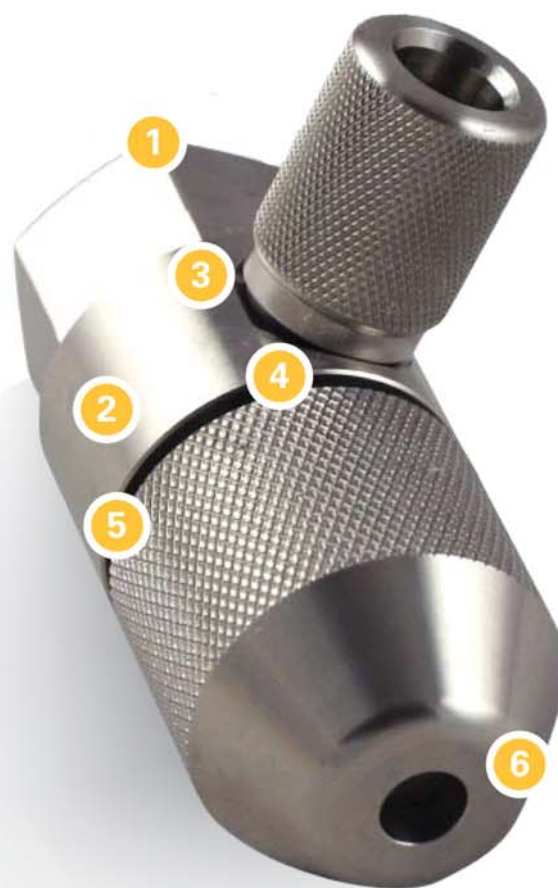
It is exclusive! In instances where the life of the diamond orifice surpasses the mixing chamber, it can easily be replaced to maximize the life of the diamond.

5 Orifice Technology

Every DiaJet is backed by a 500 hour guarantee. Only the DiaJet enables customers to replace the diamond in the field with precision and ease. No need to send the entire cutting head in for service.

6 Improved Nozzle Nut Design

Longer nozzle engagement combined with superior manufacturing tolerances maximizes nozzle alignment and increases nozzle life. Another DiaJet exclusive feature is the ability to easily remove damaged nozzles from cutting head.



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Dia Jet Cutting Head Details:

NO	CODE	PRODUCT	PHOTO
1	11755	DiaJet, Nozzle Tube	
2	12835	DiaJet, Flat Orifice - Ruby	
3	12747	DiaJet, Mixing Chamber	
4	12750	DiaJet, Nozzle Body	
5	12836	DiaJet, Set Screw	
6	-	DiaJet Cutting Head Assembly	

DiaJet Cutting Head Installation

