

## WATERJETS UPGRADED WITH TETRACORE PROVIDE:

LONGER CUTTING HOURS  
MINIMIZED MATERIAL WASTE  
INCREASED EQUIPMENT ROI  
OPERATIONAL EXCELLENCE



## PREFERRED DISTRIBUTOR



**GMA GARNET GROUP**

*when your abrasive matters!*



MANUFACTURED WITH



# PERFORMANCE ADVANTAGES

## UPGRADE YOUR RUBY OR SAPPHIRE

10-15X LONGER LIFE

GREATER JET STREAM CONSISTENCY

REDUCED OPERATING COSTS

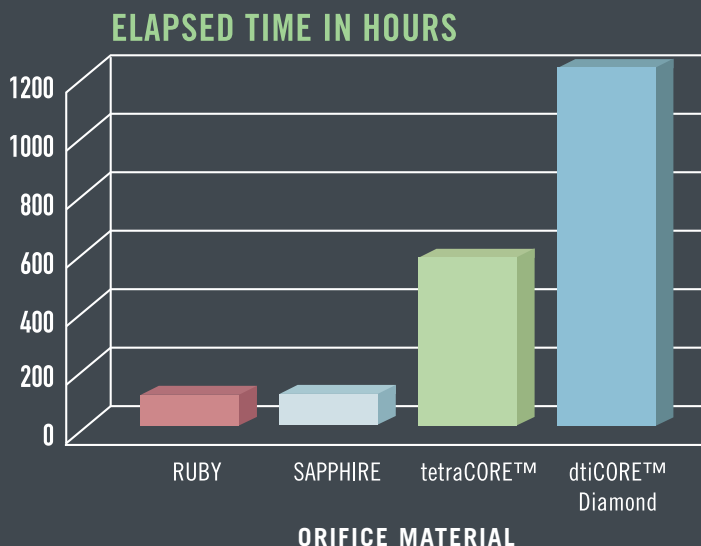
EXCELLENT RELIABILITY

LESS SUPERVISION REQUIRED



## WATERJET ORIFICE PERFORMANCE

### WHAT DOES YOUR DOWNTIME REALLY COST?



## NEW MATERIAL GRADE

### FIRST NEW ORIFICE MATERIAL IN 30 YEARS

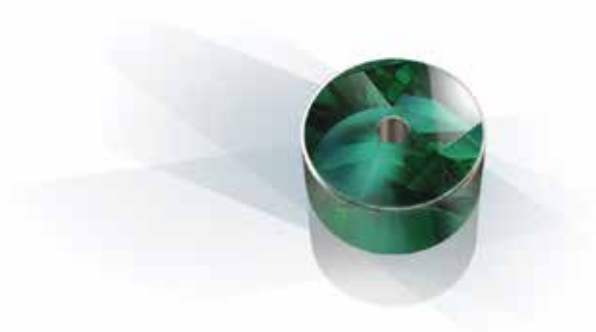
Precision engineered to offer predictable performance, tetraCORE™ waterjet orifices make waterjets a viable option for almost any cutting application. Manufactured under tightly controlled conditions, tetraCORE™ approaches the hardness and wear resistance of diamond, while offering prices comparable to ruby and sapphire. Extensive testing of tetraCORE™'s durability consistently delivered 500 or more cut hours—a full fifteen times longer than ruby and sapphire orifices could deliver.

**tetraCORE™'s robust, tetrahedrally bonded structure will resist erosion, chipping and fracturing, while reducing operating costs.**

## RETAIL PRICE STRUCTURE

Convenient 5 and 10 piece packs allow you to mix and match your tetraCORE™ assembly styles and sizes to meet your waterjet needs.

QUANTITY	PRICE
1 - 4	\$249 each
5 pack	\$199 each
10 pack	\$149 each
Prices may vary from MSRP, contact distributor for more details.	



CUSTOMIZE YOUR ORDER

tetraCORE™ ORDERING

CHOOSE YOUR STYLE AND SIZE

TA-XX-XX

STYLE

SIZE

STANDARD ORIFICE SIZE RANGE: .005”-.018”



DIAMOND GUARD FILTER ORDERING

PROTECT YOUR ORIFICE

- MA-FIL-03**  
3/8” Diamond Guard Filter and Insert Combo
- M-FIL-01**  
3/8” Diamond Guard Filter
- M-ADP-06**  
3/8” Diamond Guard Insert



For filter housing options, see parts catalogue.

**TA-05**

Similar to:  
STANDARD  
COMADUR TYPE 18



**TA-30**

Similar to:  
COMADUR TYPE 25



**TA-06**

Similar to:  
PERM II  
COMADUR TYPE 30



**TA-58**

Similar to:  
LONG STEM  
COMADUR TYPE 10



**TA-14**

Similar to:  
P-V  
COMADUR TYPE 26



**TA-62**

Similar to:  
P-II STEP  
COMADUR TYPE 14



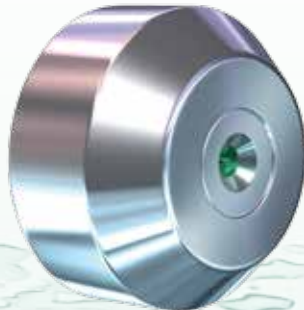
**TA-16**

Similar to:  
P-III  
COMADUR TYPE 23



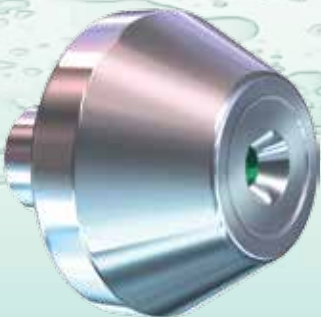
**TA-20**

Similar to:  
P-IV



**TA-28**

Similar to:  
A-LINE  
COMADUR TYPE 27



**TA-57**

Similar to:  
LOW MASS



PROTECT YOUR INVESTMENT

THE DIAMOND GUARD FILTER

THE PROBLEM

- PLUGGED OR CHIPPED ORIFICES
- PREMATURE WEAR OF COMPONENTS
- REDUCED JET STREAM COHERENCY
- INEFFICIENT CUTTING

Within the internal components of every waterjet system, errant particles become dislodged and travel through the high pressure lines. These particles end up at the waterjet orifice, impacting and potentially damaging the orifice edge.

When debris is larger than the hole in the orifice, the orifice assembly becomes plugged or partially blocked.

THE SOLUTION

The dti™ Diamond Guard Filter is designed to simply and effectively capture debris larger than .0055” (0,14mm) from impacting or blocking the orifice. Any particles small enough to pass through the DG Filter will also exit safely through the hole of the waterjet orifice.

DG Filters and Adapters allow for ease of installation in any waterjet system’s 1/4” or 3/8” high pressure lines. The DG Filter is installed as close to the waterjet orifice assembly as possible, with the most common location being in the HP fitting at the on/off valve assembly.

When paired with any dti™ orifice assembly, the dti™ Diamond Guard Filter ensures precision cutting throughout every job.



GMA and dti™ are in no way affiliated with the above mentioned manufacturers. Descriptions are for convenience only.





## WORLDWIDE DISTRIBUTION

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### PREFERRED DISTRIBUTOR



#### **GMA GARNET GROUP**

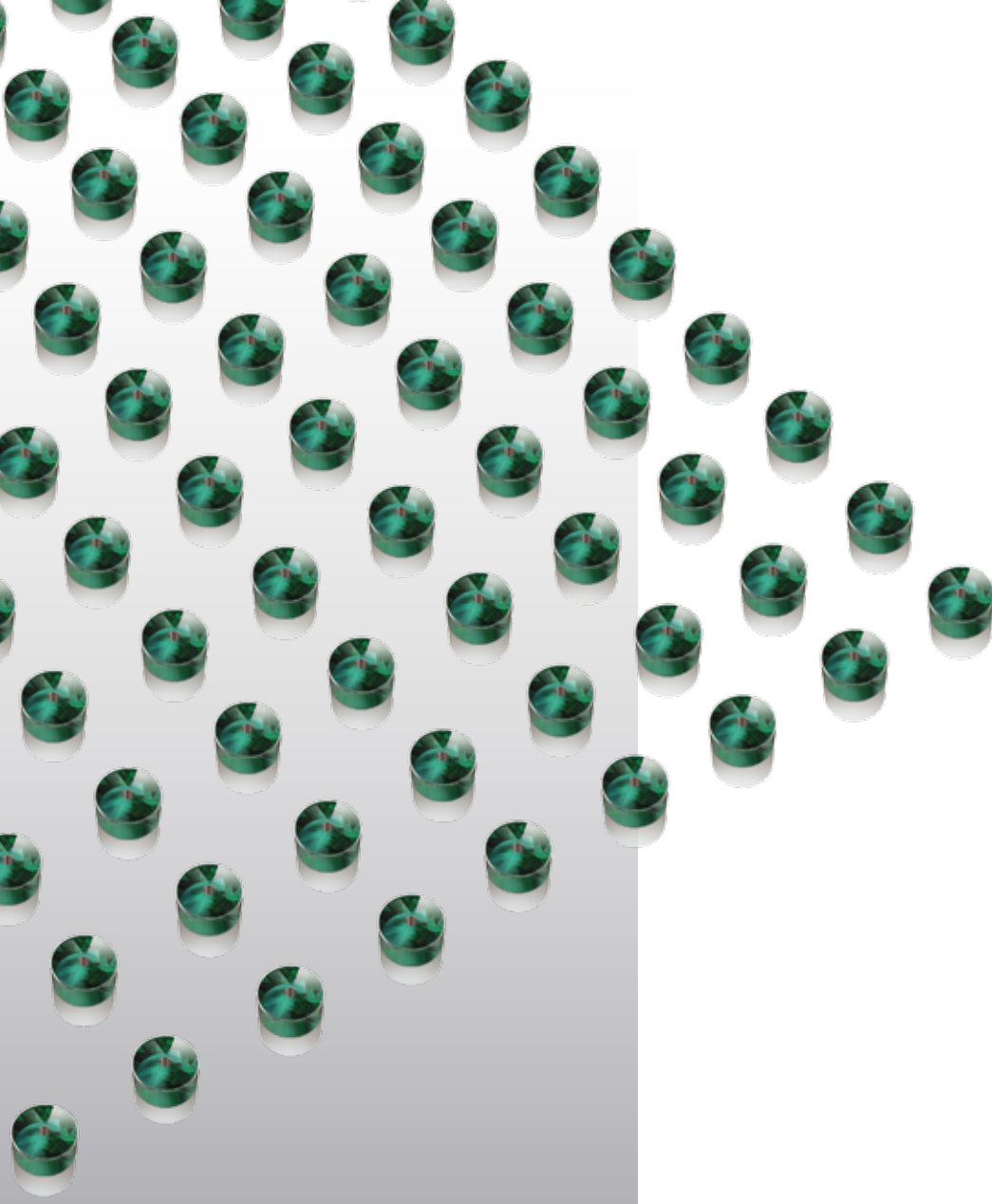
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### INDUSTRY STANDARD SUPERIOR PERFORMANCE ABRASIVE

The GMA Garnet Group is the global market leader of high quality waterjet cutting, cleaning and blasting garnet abrasives.

GMA owns and operates the world's largest industrial garnet mining and processing facility in Western Australia as well as its new Hard Rock garnet mine in Montana, USA.

The Group has now added the exclusive global distributorship of the tetraCORE™ products to its list of other value added products for the waterjet and surface preparation markets.



**PREFERRED DISTRIBUTOR**  
**GMA GARNET GROUP**

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