



# **GMA GARNET™** **WATERJET** **CUTTING ABRASIVE** **PRODUCT LINE**

Confidence in Every Cut

engineered to perform

# The GMA Garnet™ Advantage

GMA Garnet™ is a strong, natural mineral that outperforms other garnets due to its unique properties and our advanced processing methods, refined over 40 years. Unique grain hardness, toughness, density, and angularity ensure perfect edge quality and low abrasive consumption on any material with a thickness of up to 30 inches.

## HARDNESS

The harder the abrasive, the better it cuts. GMA's garnet is of the almandine variety – the hardest form of garnet.

## TOUGHNESS

Our garnet is less friable, meaning it does not fracture or shatter upon impact, resulting in a smoother, higher quality cut. GMA Garnet is up to 100% tougher than other garnets.

## DENSITY

A heavier, denser abrasive grain such as GMA Garnet offers better cutting force.

## ANGULARITY

The subangular form of our garnet optimizes both the cutting speed and the quality of the finish.

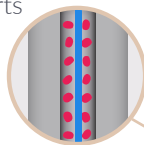


# Engineered for precision cutting

GMA's range of waterjet cutting abrasives strikes the perfect balance of cutting efficiency and edge quality for results that improve production uptime.

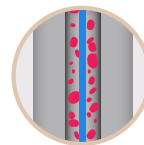
## CONSISTENT GRAIN SIZING

Our processing methods ensure every bag contains the most precisely-sized grains of garnet, accelerating your production, and reducing the frequency of expensive parts replacement.



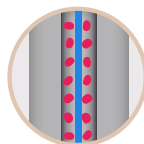
## INCONSISTENT SIZING

Inconsistent grain sizing causes blockages, creating unsteady abrasive pressure and flow, fluctuating cutting speed, and poor edge quality.



## CLEAN & PURE

GMA's advanced processing methods produce the cleanest garnet for the cleanest, purest, dust free garnet for the best results and the highest productivity.

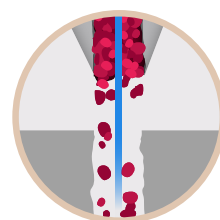
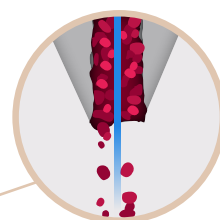
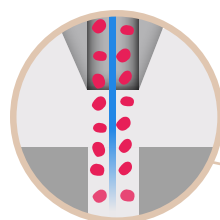


## IMPURITIES IMPACT PERFORMANCE

Dusty, dirty, or impure garnet impacts cutting performance, causes frequently blocked focussing tubes, or even damaging the parts being cut.

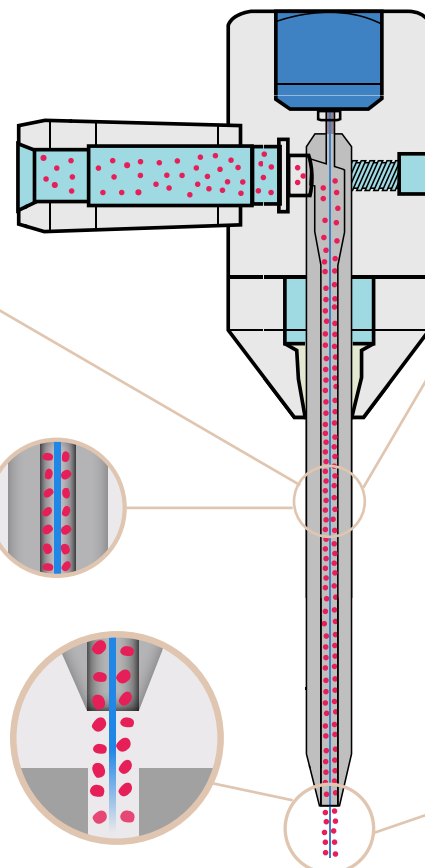
## HARDNESS

Soft, brittle and low density – will lead to slower, less effective cutting, with high abrasive consumption and poor edge quality.



GMA GARNET™

COMPETITOR PRODUCT





## Selecting the right garnet for your operations

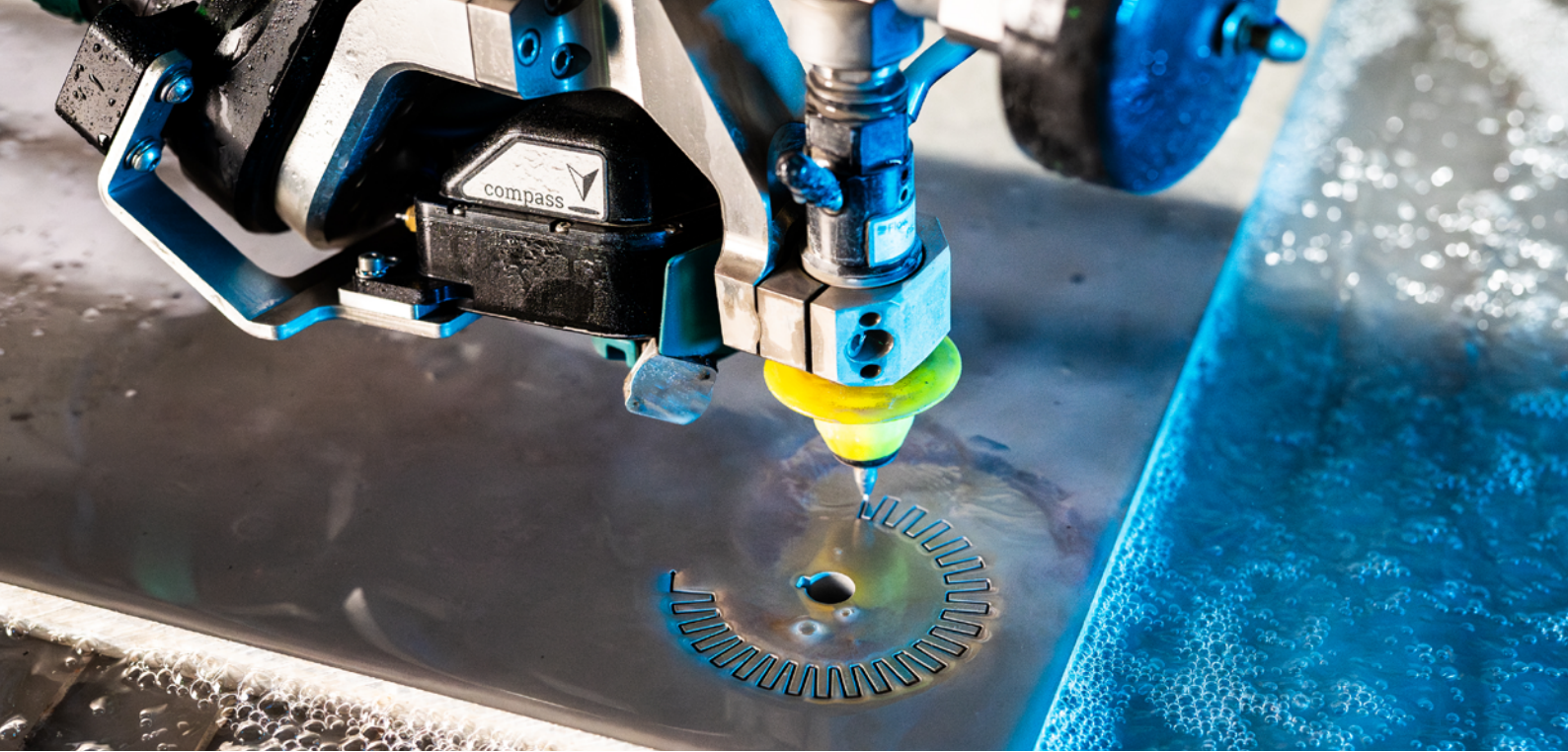
### ClassicCut™ 80

### ClassicCut™ 120

#### Product and Features

GMA ClassicCut, made from the highest quality alluvial garnet, is engineered for optimal finishing and cutting speeds across a wide range of materials. This versatile, all-purpose abrasive is ideal for general waterjet cutting and is recognized globally as the industry standard among waterjet manufacturers.

<b>Cut Quality/Finish</b>	Medium/High	High
<b>Material Thickness</b>	Medium	Thin/Medium
<b>Cutting Speed</b>	Medium	Medium
<b>Focusing Tube</b>	0.030" - 0.040"	0.020" - 0.030"
<b>Orifice</b>	0.010" - 0.014"	0.07" - 0.010"
<b>Common Applications</b>	<ul style="list-style-type: none"> <li>Steel</li> <li>Stainless</li> <li>Aluminium</li> <li>Stone</li> <li>Hardened Steel</li> <li>Thick Cuts</li> </ul>	<ul style="list-style-type: none"> <li>Steel</li> <li>Aluminium</li> <li>Glass</li> <li>Stone</li> <li>Tile</li> <li>Ceramics</li> </ul>
<b>Industry</b>	<ul style="list-style-type: none"> <li>Aerospace</li> <li>Automotive</li> <li>Defense</li> <li>Metal Fabrication</li> <li>Stone Cutting</li> </ul>	<ul style="list-style-type: none"> <li>Aerospace</li> <li>Automotive</li> <li>Defense</li> <li>Metal Fabrication</li> <li>Stone Cutting</li> <li>Glass Cutting</li> </ul>
<b>Blend</b>	Alluvial almandine garnet	Alluvial almandine garnet



## Why is GMA Garnet™ the preferred waterjet abrasive?

Achieve the highest production rates and a perfect result on the first cut.



### Fast and consistent

Operate with high cutting speeds and maintain a consistent production rate, keeping you on target to achieve deadlines.



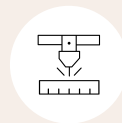
### Minimize downtime

Each bag of GMA Garnet™ has exceptionally clean, pure, and consistently sized grains that deliver an even abrasive flow for fewer filter changes and production stoppages.



### Reliable supply

Run cutting operations uninterrupted with reliable access to the abrasives you need, thanks to our 100% owned mine-to-customer global supply chain.



### Waterjet expertise

GMA's technical experts are from the waterjet industry, and know the waterjet cutting business. We work with you to streamline your operation and overcome any production challenge.



Secure Supply



Consistent Quality



Technical Expertise



Customer Focus



Abrasive Blasting



Waterjet Cutting



Recycling

Please contact your GMA Sales Representatives for more information:  
[info.apac@gmagarnet.com](mailto:info.apac@gmagarnet.com) or visit [gmagarnet.com](http://gmagarnet.com)

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