

# QUICK LOCK AND READY COOL

**NEW METAL DIAMOND SYSTEM**



EUIPO Patented Product



**EUIPO**  
EUROPEAN UNION  
INTELLECTUAL PROPERTY OFFICE

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**APGEXTREME**  
DIAMOND TOOLING & MACHINERY

THE COMPLETE RANGE OF DIAMOND TOOLS AND FLOOR GRINDING MACHINES

[www.apgextreme.com](http://www.apgextreme.com)

# QUICK LOCK AND READY COOL – NEW METAL DIAMOND SYSTEM



## Ready Cool System

Keep your diamonds cool & increase performance

Ready Cool system is a new diamond plate holder by APG Extreme developed to solve the common problems experienced by many contractors in the floor grinding industry - excess heat affecting efficiency and performance of diamond tools.

Experienced operators know the challenges of maintaining diamond tool performance due to the diamonds heating up excessively. The temperature rise is caused by friction, concentrations of dust under the dust extraction hood of the machine and the accumulation of heat underneath the hood.



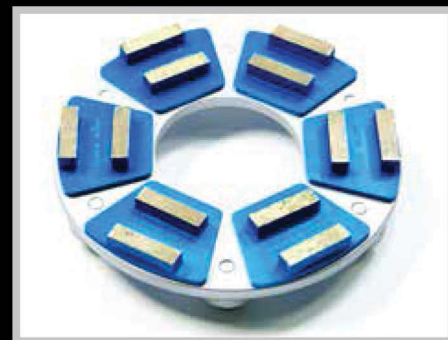
Simply with amortized rubber spacers between the diamond holder plates air is allowed to flow in between and effectively cool down the diamond tools, while the reinforced rubber allows flexibility for the metal diamond tools to grind more aggressively by increasing the downward grinding head pressure on the diamond tools. This plate holder also allows the air flow generated between the spacer to enhance the dust extraction process of the vacuum connected to the machine.

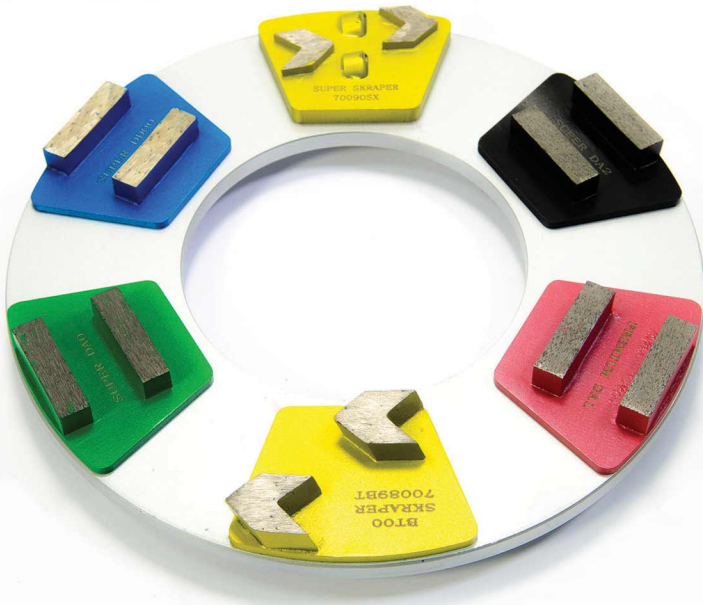
In addition to the new plate is the new metal bond segment design which allows for more durable cutting to keep the diamond shape under high heat levels and the stress of continual dry cutting.



## KEY BENEFITS OF READY COOL SYSTEM

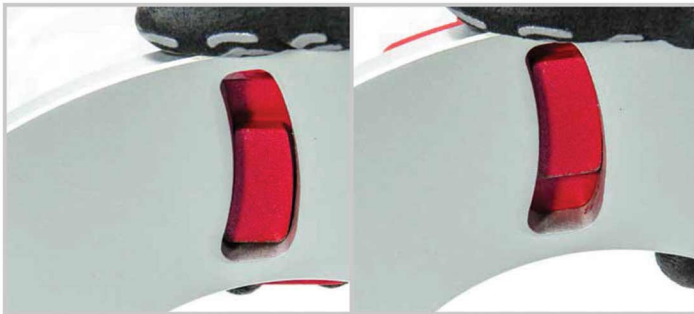
- ✓ Longer tool life.
- ✓ Dust extraction is more efficient.
- ✓ Lower risk of blunting the tools by excessive heat.
- ✓ Increase performance of dry grinding.
- ✓ Lower operating costs.
- ✓ Easy delivery.
- ✓ More flexibility to adjust the speed of the grinding performance of the machine by removing or adding diamond segments.
- ✓ Same tools for different size machines.





# Quick Lock Diamond Tools

Keep your diamonds cool & increase performance



**Quick Lock** is the new line of diamond tools by APG Extreme designed for the new Ready Cool plate. Thanks to the handy curved locking system the Quick Lock diamond pad can be fitted and removed by one simple movement while remaining perfectly anchored when in use.

**Ready cool plate holder** can be used with APG Extreme tools **Quick Lock**. Others usage can cause damage or violate any warranty claim.

## Quick Lock and Ready Cool

The **Quick Lock** can be mounted on any size Ready Cool plate, facilitating the operator that owns multiple machines and will not be obliged to have a number of tools helping to reduce management costs.



**000 YELLOW SUPER COARSE**



**00 BLUE EXTRA COARSE**



**0 GREEN COARSE**

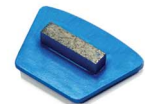
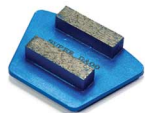


**1 RED MEDIUM**



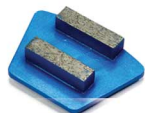
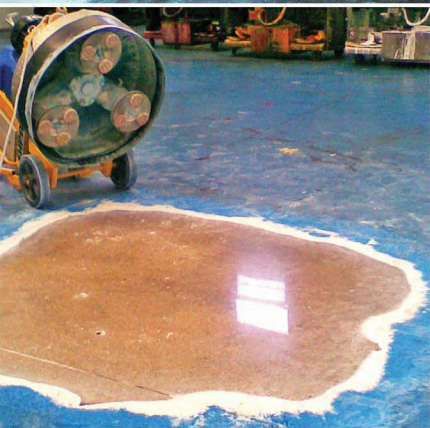
**2 BLACK FINE**

## SURFACE PREPARATION Q-LOCKS



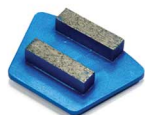
Q Lock	Grit	Segments
<b>DA Series</b>	20-140	2 Segments
For medium abrasive concrete. Cost effective with high efficiency		
<b>CD Series</b>	20-140	2 Segments
<b>CD Series</b>	40-140	1 Segments
Premium Diamond tools for hard concrete. Not for use on abrasive floors.		
<b>CA Series</b>	16-150	2 Segments
Premium quality diamond tools. The most commonly used tools for general surface preparation.		

## COATING REMOVAL Q-LOCKS



Q Lock	Segments
<b>BT00 Arrow</b>	2 Segments
Diamond tools with arrow segments with special TCK inserts designed for fast and effective thin resin and paint removal on hard or good substrate cement floors. It does not damage the floor. Not for use on green concrete or abrasive concrete floors.	
<b>Skrafer PCD</b>	1 Segment
PCD Skrafer made up of 1 poly-crystalline diamond skrafer and 1 round diamond with TCK insert and is suggested to remove all types of hardcoatings such as paint, varnish, glue, epoxy, acrylic, screed residue, mastic, black tar adhesive as well as thick rubbery material. Not for use for conventional grinding or for green concrete. It works fast while leaving the surface very rough.	
<b>Super Skrafer PCD</b>	2 Segments
PCD Super Skrafer is made up of 2 poly-crystalline diamond and 2 arrow diamond skrafer with TCK insert and is suggested to remove all types of hard coatings such as paint, varnish, glue, epoxy, acrylic, screed residue, mastic, black tar adhesive as well as thick rubbery material. Not for use for conventional grinding or for green concrete. Compared to PCD Skrafer, it works slower but leaves the surface regularly scratched.	
<b>TCK</b>	2 Segments
Very tough and hard bond together with special TCK diamond segments, it provides fast and very durable grinding for soft and abrasive concrete. Fast and efficient heavy duty removal of humps, mastics, thin-set, selflevelling compounds and various light coatings on soft concrete floor. For fast removal of various coatings, levelling and grinding soft and very abrasive concrete. Suitable for green concrete, soft and very abrasive concrete with very long lifetime.	
<b>CF Series</b>	2 Segments
Diamond tools for asphalt and very abrasive concrete. Super hard bond.	
<b>BT00 Trapezoid</b>	2 Segments
Diamond tools with round segments designed for effective grinding and removing resin, glue and varnish. Also suitable for concrete grinding.	

## POLISHED CONCRETE



Q Lock	Grit	Segments
<b>CS Series</b>	40-140	2 Segments
The best diamond tools for polished superconcrete process. (Not for use on abrasive floors).		

## TERRAZZO & LIMESTONE



Q Lock	Grit	Segments
<b>MTS Series</b>	40-140	2 Segments
Diamond tools for travertine, terrazzo, limestone, agglomerate and abrasive marble floors. Can be used both Wet & dry systems.		

