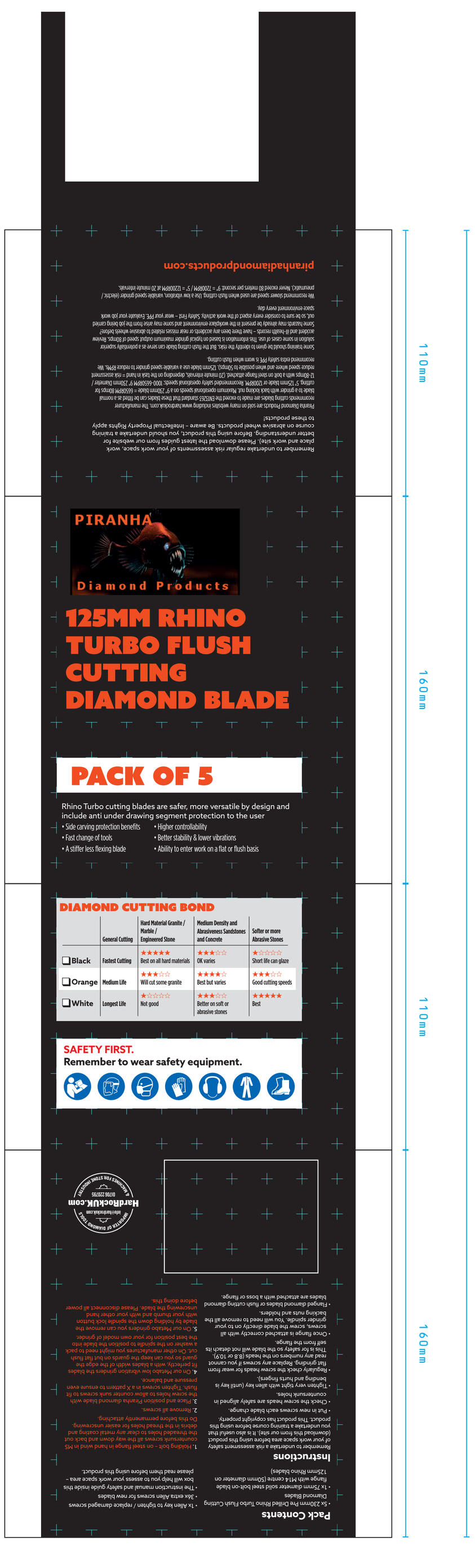
9" BLADE

PIRANHA
Diamond Products
230MM
RHINO
TURBO
FLUSH
CUTTING
DIAMOND
BLADE
PACK OF 5
Rhino Turbo cutting blades are safer, more versatile by design and include anti under drawing segment protection to the user
• Side carving protection benefits
• Fast change of tools
• A stiffer less flexing blade
• Higher controllability
• Better stability & lower vibrations
• Ability to enter work on a flat or flush basis
DIAMOND CUTTING BOND
General Cutting
Hard Material Granite / Marble / Engineered Stone
Medium Density and Abrasiveness Sandstones and Concrete
Softer or more Abrasive Stones
Black
Fastest Cutting
★★★★★ Best on all hard materials
★★★☆☆ OK varies
★☆☆☆☆ Short life can glaze
Orange
Medium Life
★★★☆☆ Will cut some granite
★★★★☆ Best but varies
★★★☆☆ Good cutting speeds
White
Longest Life
★☆☆☆☆ Not good
★★★☆☆ Better on soft or abrasive stones
★★★★★ Best
SAFETY FIRST.
Remember to wear safety equipment.
HardRockUK.com
01706 220795
MACHINES FOR STONE INDUSTRY
IMPORTER OF DIAMOND TOOLS
info@hardrockuk.com
Pack Contents
• 5x 230mm Pre Drilled Rhino Turbo Flush Cutting Diamond Blades
• 1x 75mm diameter solid steel bolt-on blade flange with M14 centre (50mm diameter on 12Smm Rhino blades)
• 1x Allen key to tighten / replace damaged screws
• 30x extra Allen screws for new blades
• The instruction manual and safety guide inside this box will help you to assess your work space area – please read them before using this product.
Instructions
Remember to undertake a risk assessment safety of your work space area before using this product (download this from our site). It is also useful that you undertake a training course before using this product.
This product has copyright property.
• Put in new screws each blade change.
• Check the screw heads are safely aligned in countersunk holes.
• Tighten very tight with allen key (until key is bending and hurts fingers).
• Regularly check the screw heads for wear from flat grinding. Replace any screws if you cannot read any numbers on the heads (8.8 or 10.9). This is for safety so the blade will not detach its self from the flange.
• Once flange is attached correctly with all screws, screw the blade directly on to your grinder spindle. You will need to remove all the backing nuts and holders.
• Flanged diamond blades or flush cutting diamond blades are attached with a boss or flange.
1. Holding bolt – on steel flange in hand wind in M5 countersunk screws all the way down and back out the threaded holes to clear any metal coating and debris in the thread holes for easier unscrewing. Do this before permanently attaching.
2. Remove all screws.
3. Place and position Piranha diamond blade with the screw holes to allow counter sunk screws to fit flush. Tighten screws in a X pattern to ensure even pressure and balance.
4. On our Metabo low vibration grinders the blades fit perfectly, with a blades width of the edge the guard so you can keep the guards on but flat flush cut. On other manufactures you might need to pack a washer on the spindle to position the blade into the best position for your own model of grinder.
5. On our Metabo grinders you can remove the blade by holding down the spindle lock button with your thumb and with your other hand unscrewing the blade. Please disconnect all power before doing this.
Remember to undertake regular risk assessments of your work space, work place and work site). Please download the latest guides from our website for better understanding. Before using this product, you should undertake a training course on abrasive wheel products. Be aware – Intellectual Property Rights apply to these products!
Piranha Diamond Products are sold on many websites including www.hardrockuk.com. The manufacturer recommends cutting blades are made to exceed the EN13236 standard that these blades can be fitted as a normal blade to a grinder with back locking nut. Maximum operational speeds on a 9" 230mm blade = 6650RPM 80mps for cutting. 5" 125mm blade or 12000RPM. Recommended safety operational speeds: 1000-6650RPM 9" 250mm Diameter / 12-80mps with a bolt on steel flange attached. (20 minute intervals, depending on the task in hand = risk assessment reduce speed where and when possible to 50mps). 125mm blade use a variable speed grinder to reduce RPMs. We recommend extra safety PPE is worn when flush cutting.
Some training should be given to identify the risks. But the flush cutting blade can serve as a potentially superior solution in some cases of use. This information is based on typical grinder maximum output speed of 80mps. Review accident and ill-health records – have there been any accidents or near misses related to abrasive wheels before? Some hazards may already be present in the workplace environment and some may arise from the job being carried out, so be sure to consider every aspect of the work activity. Safety First – wear your PPE. Evaluate your job work space environment every day.
We recommend slower speed are used when flush cutting. Use a low vibration, variable speed grinder. (electric / pneumatic). Never exceed 80 meters per second. 9" = 7200RPM / 5" = 12200RPM at 20 minute intervals.
piranhadiamondproducts.com

110mm
240mm
700mm
110mm
240mm
120mm
240mm

5" BLADE


110mm
160mm
540mm
160mm
110mm
piranhadiamondproducts.com
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PIRANHA
Diamond Products
125MM RHINO TURBO FLUSH CUTTING DIAMOND BLADE
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Remember to wear safety equipment.
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• 1x Allen key to tighten / replace damaged screws
• 36x extra Allen screws for new blades
• The instruction manual and safety guide inside this box will help you to assess your work space area - please read them before using this product.
Instructions
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2. Remove all screws.
3. Place and position Piranha diamond blade with the screw holes to allow counter sunk screws to fit flush. Tighten screws in a X pattern to ensure even pressure and balance.
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HARDROCK UK.COM
MANUFACTURER OF DIAMOND TOOLS
sales@hardrockuk.com
01708 220795
DIAMONDS FOR STONE INDUSTRY

130mm
160mm