

Diamond Products



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CONSTRUCTION FIXINGS AND TOOLS
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The VJ Technology Diamond Range



The VJT Diamond range offers built-to-last quality and exceptional performance levels. The use of quality diamonds and the latest bond technology guarantees the VJT Diamond blade is produced to the highest specifications.

Your VJT Diamond cutting blade will offer you durability, reliability and performance at the right price.

VJT Diamond blades are fully certified to **EC Standard EN13236**.

Applications

VJT offer four main application categories which are colour coded for easy selection of the right blade for the job.

- **General Purpose**
- **Hard Materials**
- **Multi-Purpose**
- **Abrasive Materials**

Performance

Each category is then divided into distinct performance ranges.

Classic Range

This is our benchmark range of blades, designed to cut the selected application on a day-to-day basis.

Premier Range

For the more frequent user requiring enhanced performance. The diamond content and bond technology applied to these blades offer longer segment life and a more effective cut.

Specialist Range

For significantly enhanced performance and longevity, the higher diamond content results in quicker cutting speeds for the professional user.

Precision and Focused Blades

In addition to the above we also offer a range of focused blade products including:

Continuous Rim Turbo – A continuous rim blade for smooth precision at higher cutting speeds.

Hicon – A continuous rim blade for GRP and Marble.

VMRP – A general purpose Mortar Raking Blade

VTCC – A continuous rim blade for ceramic and clay tiles

Evolution – A small range of innovative blades

Grinding Heads – A range of masonry grinding wheels designed for use with angle grinders.





ECO VJ - General Purpose

An entry level segmented blade ideal for general masonry.

An ideal blade for the cost conscious user.



CL - General Use

An entry level segmented blade ideal for general building materials.

An ideal blade for the cost conscious user seeking a longer blade life.

	GENERAL PURPOSE	
	ECOVJ	CL
ASPHALT		
ASPHALT OVER CONCRETE		
BLOCK PAVIOURS	◆◆	◆◆
BREEZE BLOCKS		
CLAY PAVIOURS		
CLAY PIPES		
CLAY ROOFING TILES		◆
CONCRETE BLOCKS	◆	◆◆
CONCRETE SLABS	◆	◆◆
ENGINEERING BRICKS		
FACING BRICKS	◆	◆
GRANITE		
GRITSTONE/CONC SCREED		
HARD AGGREGATE CONC		
HARD FACING BRICKS		◆
HARD SANDSTONE	◆	◆
MEDIUM HARD CONCRETE	◆◆	◆◆
SANDSTONE	◆	◆
SLATE	◆	◆
STEEL		
STEEL REINFORCED LINTELS	◆	◆◆
THERMAL BLOCKS		
UNCURED (GREEN) CONC		

◆◆◆ RECOMMENDED ◆◆ ACCEPTABLE ◆ OCCASIONAL

DIAMETER / BORE (mm)		VJT CODE	
100	16		20550110
115	22	20550010	20550120
125	22	20550020	20550130
180	22		
230	22	20550030	20550140
300	20	20550040	20550150
350	25		
400	25		
450	25		

Hard Materials Blades



Classic Range - VMC

A segmented hard materials blade making use of Turbo Segments. This blade has proven itself in the Civil Engineering environment giving excellent value in terms of cost per cut.



Premier Range - VMP

A segmented hard materials blade making use of Turbo Segments. Active cooling provides increased performance whilst maintaining good value in terms of cost per cut.

	HARD MATERIALS		
	VMC Classic	VMP Premier	VMX Specialist
ASPHALT			
ASPHALT OVER CONCRETE			
BLOCK PAVIOURS		◆	◆
BREEZE BLOCKS			
CLAY PAVIOURS	◆◆◆	◆◆◆	◆◆◆
CLAY PIPES	◆◆◆	◆◆◆	◆◆◆
CLAY ROOFING TILES	◆◆	◆◆◆	◆◆◆
CONCRETE BLOCKS	◆◆	◆◆◆	◆◆◆
CONCRETE SLABS	◆◆◆	◆◆◆	◆◆◆
ENGINEERING BRICKS	◆◆◆	◆◆◆	◆◆◆
FACING BRICKS	◆◆◆	◆◆◆	◆◆◆
GRANITE	◆◆◆	◆◆◆	◆◆◆
GRITSTONE/CONC SCREED			
HARD AGGREGATE CONC	◆◆	◆◆◆	◆◆◆
HARD FACING BRICKS	◆◆◆	◆◆◆	◆◆◆
HARD SANDSTONE	◆◆	◆◆	◆◆
MEDIUM HARD CONCRETE	◆◆	◆◆◆	◆◆◆
SANDSTONE			
SLATE	◆◆	◆◆◆	◆◆◆
STEEL		◆◆	◆◆
STEEL REINFORCED LINTELS	◆◆◆	◆◆◆	◆◆◆
THERMAL BLOCKS			
UNCURED (GREEN) CONC			

◆◆◆ RECOMMENDED ◆◆ ACCEPTABLE ◆ OCCASIONAL

DIAMETER / BORE (mm)		VJT CODE		
100	16			
115	22			
125	22		20550310	
180	22			
230	22	20550210	20550320	20550410
300	20	20550220	20550330	20550420
350	25		20550340	20550430
400	25		20550350	
450	25		20550360	20550440



Specialist Range - VMX

Arguably one of the best performing Hard Material Blades in its class. Using increased segments, enhanced diamond content and active cooling to give additional life and speed of cut.



Multi-Purpose Blades



Classic Range - VPP

A multi-purpose blade with protection against aggressive applications. Active cooling to prevent glazing in hard materials and a unique narrow gullet for enhanced debris removal. State of the art technology enables this blade to perform over the widest range of materials.



Premier Range - VPX

A multi-purpose blade with protection against aggressive applications. Active cooling to prevent glazing in hard materials. Unique narrow gullet for enhanced debris removal. State of the art technology enables this blade to perform over the widest range of materials. An enhanced segment feature provides a much longer life as well as the best value per cut.

	MULTI-PURPOSE	
	VPP Classic	VPX Premier
ASPHALT		◆
ASPHALT OVER CONCRETE	◆◆◆	◆◆◆◆
BLOCK PAVIOURS	◆◆◆	◆◆◆◆
BREEZE BLOCKS	◆	◆◆
CLAY PAVIOURS	◆◆	◆◆◆◆
CLAY PIPES	◆◆	◆◆◆◆
CLAY ROOFING TILES	◆	◆◆
CONCRETE BLOCKS	◆◆◆	◆◆◆◆
CONCRETE SLABS	◆◆◆	◆◆◆◆
ENGINEERING BRICKS	◆	◆◆
FACING BRICKS	◆	◆◆
GRANITE		◆
GRITSTONE/CONC SCREED	◆◆◆	◆◆◆◆
HARD AGGREGATE CONC	◆	◆◆
HARD FACING BRICKS	◆	◆◆
HARD SANDSTONE	◆◆	◆◆◆◆
MEDIUM HARD CONCRETE	◆◆	◆◆
SANDSTONE	◆◆◆	◆◆◆◆
SLATE	◆	◆◆
STEEL		◆
STEEL REINFORCED LINTELS	◆	◆◆
THERMAL BLOCKS	◆	◆◆
UNCURED (GREEN) CONC	◆	◆◆

◆◆◆ RECOMMENDED ◆◆ ACCEPTABLE ◆ OCCASIONAL

DIAMETER / BORE (mm)		VJT CODE	
100	16		
115	22		
125	22		
180	22		
230	22	20550510	
300	20	20550520	20550610
350	25	20550530	20550620
400	25		
450	25	20550540	20550630





Classic Range - VAC

Using a traditional format with deep draft segments to prevent under-cutting, this is the ideal blade in this class for the cost conscious user.



Premier Range - VAP

With an increased quantity of segments, this blades proven longevity in the harshest of environments makes it difficult to beat £ for £.

	ABRASIVE MATERIALS		
	VAC Classic	VAP Premier	VAX Specialist
ASPHALT	◆◆◆	◆◆◆	◆◆◆
ASPHALT OVER CONCRETE	◆◆	◆◆◆	◆◆◆
BLOCK PAVIOURS	◆	◆◆	◆◆
BREEZE BLOCKS	◆◆◆	◆◆◆	◆◆◆
CLAY PAVIOURS			
CLAY PIPES			
CLAY ROOFING TILES			
CONCRETE BLOCKS			
CONCRETE SLABS			
ENGINEERING BRICKS			
FACING BRICKS			
GRANITE			
GRITSTONE/CONC SCREED	◆◆	◆◆◆	◆◆◆
HARD AGGREGATE CONC			
HARD FACING BRICKS			
HARD SANDSTONE		◆	◆
MEDIUM HARD CONCRETE			
SANDSTONE	◆◆	◆◆◆	◆◆◆
SLATE			
STEEL			
STEEL REINFORCED LINTELS			
THERMAL BLOCKS	◆◆◆	◆◆◆	◆◆◆
UNCURED (GREEN) CONC	◆◆	◆◆◆	◆◆◆

◆◆◆ RECOMMENDED ◆◆ ACCEPTABLE ◆ OCCASIONAL

DIAMETER / BORE (mm)		VJT CODE	
100	16		
115	22		20550810
125	22		20550820
180	22		
230	22		20550830
300	20	20550710	20550840
350	25	20550720	20550850
400	25		
450	25		20550860 20550910



Specialist Range - VAX

Using all the elements of the Premier range product, but with enhanced diamond content, this blade provides increased meterage and speed.



Precision & Focused Blade Products



Hard Materials Premier Continuous Rim Turbo - VMPT

All the attributes of the VMP hard materials blade but in a continuous rim format. When speed of cut is the prime requirement this blade is an obvious choice.



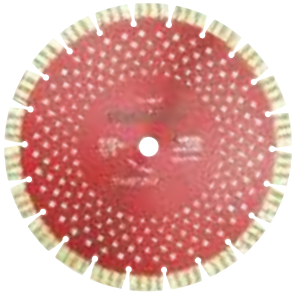
Hard Materials Specialist Continuous Rim Turbo - VMXT

All the attributes of the VMX hard materials blade but in a continuous rim format this blade also makes use of active cooling.

	HARD MATERIALS	
	VMPT Premier Continuous Rim	VMXT Specialist Continuous Rim
ASPHALT		
ASPHALT OVER CONCRETE		
BLOCK PAVIOURS	◆	
BREEZE BLOCKS		
CLAY PAVIOURS	◆◆◆	◆◆◆◆
CLAY PIPES	◆◆◆	◆◆◆◆
CLAY ROOFING TILES	◆◆◆	◆◆◆◆
CONCRETE BLOCKS	◆◆◆	◆◆◆◆
CONCRETE SLABS	◆◆◆	◆◆◆◆
ENGINEERING BRICKS	◆◆◆	◆◆◆◆
FACING BRICKS	◆◆◆	◆◆◆◆
GRANITE	◆◆◆	◆◆◆◆
GRITSTONE/CONC SCREED		
HARD AGGREGATE CONC	◆◆◆	◆◆◆◆
HARD FACING BRICKS	◆◆◆	◆◆◆◆
HARD SANDSTONE	◆◆	◆◆
MEDIUM HARD CONCRETE	◆◆◆	◆◆◆◆
SANDSTONE		
SLATE	◆◆◆	◆◆◆◆
STEEL	◆◆	◆◆
STEEL REINFORCED LINTELS	◆◆◆	◆◆◆◆
THERMAL BLOCKS		
UNCURED (GREEN) CONC		

◆◆◆ RECOMMENDED ◆◆ ACCEPTABLE ◆ OCCASIONAL

DIAMETER / BORE (mm)		VJT CODE	
100	16	20551010	
115	22	20551020	
125	22	20551030	
180	22	20551040	
230	22	20551050	20551110
300	20	20551060	20551120
350	25		
400	25		
450	25		



Spectrum Maestro - TCX15

VJT Code 20500804
 A 300/20mm blade with 15mm high Turbo segments. This "civils blade" is known for its endurance and cutting ability.





Evolution Race MAXX

The new dimension in cutting speed. The Evolution Race Maxx sets standards and combines all the features a top all-round disc can offer. By combining high performance diamonds with state of the art bonding ensures the perfect solution. The Intelligent Bonding Technology ("IBT") permits a precisely defined release of the high performance diamonds inside the cutting segment. The result is a considerably improved removal rate of the material. This results in an increased cutting speed.

Cuts concrete, reinforced concrete, ductile & cast pipes, granite, clinker brick, exposed aggregate concrete, brick etc.

Diameter / Bore (mm) & VJT Codes:	115/22	20950010
	125/22	20950020
	230/22	20950030
	300/20	20950040
	350/25	20950050



Evolution Protect

The Evolution Protect blade significantly reduces health damaging factors in the work environment. The noticeably lower vibration level reduces wear and tear on the segments, increasing the tool life of the product. The Evolution Protect blade also features extraordinary high-tech steel core, which reduces the sound level by 50% [10db(A)]. These two factors add up to important protection for the health of the operator.

The field of applications range from hard to soft materials to include: abrasive materials, concrete, reinforced concrete, ductile & cast pipes, granite, clinker brick, exposed aggregate concrete, brick etc.

Diameter / Bore (mm) & VJT Codes:	230/22	20950060
	300/20	20950070

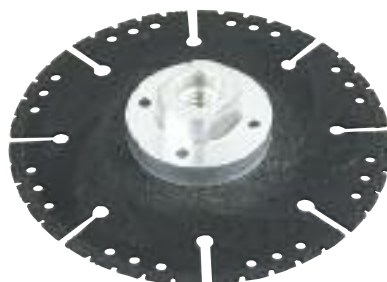
Flush Cut Rescue Blade

Vacuum Brazed Diamond Blade

Designed for use with an angle grinder the Flush Cut blade is ideal for cutting protruding studs and trip hazards.

Electroplated silicon carbide protection reduces pinching in the cut and provides life and speed advantages.

Diameter / Bore (mm) & VJT Codes:	115/M14	20950080
	125/M14	20950090





Mortar Raking Blade - VMRP

Designed specifically to remove mortar from joints in brick and block work with a 6.4mm wide segment to reduce time and effort.

Diameter / Bore (mm) & VJT Codes:

115/22	20551210
125/22	20551220



Tile Cutting Blade - VTCC

Designed to give a clean, chip free cut in ceramic, clay and granite tiles, particularly effective in porcelain and marble. The thin core and fine blade profile delivers easy, smooth and fast cuts.

Diameter / Bore (mm) & VJT Codes:

115/22	20551310
180/22	20551320



Hicon - Continuous Rim

An electroplated diamond blade for cutting marble, stone glassfibre, cementitious fibreboard and GRP.

Diameter / Bore (mm) & VJT Codes:

115/22	20551410
125/22	20551420
230/22	20551430





Grinding Head - VCTP

A general masonry grinding wheel designed for use with an angle grinder. An excellent choice when use on a variety of materials is required such as concrete, brick, blocks and stone. Material is removed easily and this classic design offers exceptional performance and wear.

Diameter / Bore (mm) & VJT Code: 100/M14 20551510



Grinding Head Continuous Rim - VGCM

Designed with a special fine diamond grit content for use when fine concrete planing is required.

Diameter / Bore (mm) & VJT Code: 110/15 20551550



Grinding Head - VCSP

A concrete/hard materials grinding wheel designed for use with angle grinders. Performs well when used on harder materials such as concrete, granite and limestone. Excellent for cleaning and finishing work.

Diameter / Bore (mm) & VJT Code: 110/15 20551540



Grinding Head - VCDP

A general masonry grinding wheel designed for use with an angle grinder. An excellent choice when use on a variety of materials is required such as concrete, brick, blocks and stone. Material is removed easily and this classic design offers exceptional performance and wear.

Diameter / Bore (mm) & VJT Codes: 115/15 20551520
 180/22 20551530



Grinding Head DG150 - VSTG

A concrete floor grinding wheel. The long 'L' shaped diamond segments give smoother finish and the open structure resists bonding. Suitable for hard and green concrete along with stone products.

Diameter / Bore (mm) & VJT Code: 150/18.9 20551560



Resin Filled Grinding Head - VSTGR

A grinding head for concrete, stone, granite, slate and fine sandstone. Resin filled to provide aggressive chip-free grinding and finishing.

Diameter / Bore (mm) & VJT Code: 100/M14 20551570



Applications

	GENERAL PURPOSE		HARD MATERIALS					MULTI-PURPOSE		ABRASIVE MATERIALS		
	ECOVJ	CL	VMC Classic	VMP Premier	VMPT Premier Continuous Rim Turbo	VMX Specialist	VMXT Specialist Continuous Rim Turbo	VPP Classic	VPX Premier	VAC Classic	VAP Premier	VAX Specialist
◆◆ RECOMMENDED												
◆◆ ACCEPTABLE	◆◆	◆◆		◆				◆◆	◆◆	◆◆	◆◆	◆◆
◆ OCCASIONAL								◆		◆	◆	◆
ASPHALT										◆◆	◆◆	◆◆
ASPHALT OVER CONCRETE								◆◆	◆◆	◆◆	◆◆	◆◆
BLOCK PAVIOURS	◆◆	◆◆		◆				◆◆	◆◆	◆	◆	◆
BREEZE BLOCKS										◆◆	◆◆	◆◆
CLAY PAVIOURS			◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆			
CLAY PIPES			◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆			
CLAY ROOFING TILES		◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
CONCRETE BLOCKS	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆
CONCRETE SLABS	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆
ENGINEERING BRICKS			◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
FACING BRICKS	◆	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
GRANITE			◆◆	◆◆	◆◆	◆◆	◆◆					
GRITSTONE/CONC SCREED								◆◆	◆◆	◆◆	◆◆	◆◆
HARD AGGREGATE CONC			◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
HARD FACING BRICKS		◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
HARD SANDSTONE	◆	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆
MEDIUM HARD CONCRETE	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆			
SANDSTONE	◆	◆						◆◆	◆◆	◆◆	◆◆	◆◆
SLATE	◆	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
STEEL				◆◆	◆◆	◆◆	◆◆					
STEEL REINFORCED LINTELS	◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆			
THERMAL BLOCKS										◆◆	◆◆	◆◆
UNCURED (GREEN) CONC								◆	◆	◆	◆	◆
DIAMETER / BORE (mm)												
100		20550110			20551010							
115	20550010	20550120			20551020					20550810		
125	20550020	20550130		20550310	20551030					20550820		
180					20551040							
230	20550030	20550140	20550210	20550320	20551050	20550410	20550510			20550830		
300	20550040	20550150	20550220	20550330	20551060	20550420	20550520	20550610	20550710	20550840		
350				20550340		20550430	20550530	20550620	20550720	20550850		
400				20550350								
450				20550360		20550440	20550540	20550630		20550860	20550910	

VJT CODES





Hand Arm Vibration

The VJ Technology Hand Arm Vibration Exposure Guide has been developed with input from major contractors, trade associations and the Health and Safety Executive to provide safety managers with a practical and useful range of examples of 'real use' vibration exposures for VJ Technology products. The current version of the Guide can be downloaded from our website or available on request.



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