



DIAMOND BLADE APPLICATION GUIDE

DTA Continuous, Segmented and Turbo rim blades are manufactured using a process known as cold press sintering. The diamonds and bond mixture are pressed onto the steel core of the blade by a pressing machine, before being heated to 900 degrees in a furnace. The heating process ensures strong bonding of the diamond power to the steel core and no welding of any kind is used in the process.

WET CONTINUOUS DIAMOND BLADES

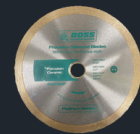
- Cuts cleanly and precisely
- Must be used with water



RA Range

PORCELAIN CONTINUOUS DIAMOND BLADES

- Wet cutting blades with high concentration of fine diamond for smooth chip free cutting
- Must be used with water



RAB Range



BP100

DRY CONTINUOUS DIAMOND BLADES

- Cut most materials cleanly and precisely
- Higher quality diamonds
- Faster heat-conductive bond powder than continuous wet blades
- Use wet or dry



RAD Range

SEGMENTED DIAMOND BLADES

- Designed for general purpose cutting
- Cut faster than continuous or turbo blades, but not as cleanly or precisely
- Use wet or dry



SA Range

TURBO DIAMOND BLADES

- Designed for general-purpose cutting
- Cut faster than continuous blades and more precise than segmented blades
- Use wet or dry



TB Range

SUPER TURBO DIAMOND BLADES

- Designed for general-purpose cutting
- Waved steel core for more strength and rigidity than turbo blades
- Cut harder materials than turbo blades
- Use wet or dry



STB Range

SUPER THIN TURBO DIAMOND BLADES

- Designed for general-purpose cutting
- Thinner core and diamond rim allows faster, more precise cut than other turbo blades
- Use wet or dry



BPP125



STT Range



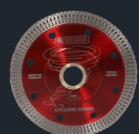
TT Range



BMI Range

MESH DIAMOND BLADES

- Designed for general-purpose cutting
- Precision cutting of porcelain tiles with reduced chipping
- Use wet or dry



CBD Range



DIAMOND BLADE APPLICATION GUIDE



= Wet use only



= Wet or dry use

APPLICATION CHART

	Wet Continuous	Porcelain Continuous	Dry Continuous	Segmented	Turbo	Super Turbo	Super Thin Turbo	Mesh
Ceramic Tiles								
Critically Hard Tiles								
Porcelain								
Slate								
Marble								
Granite								
Terracotta								
Glass								
Fibreglass								
PVC Pipes								
Concrete								
Reinforced Concrete								
Fibro Cement								
Clay Bricks								
Clay Pavers								
Bluestone								

RPM CHART

Blade Diameter	Bore Size	Maximum RPM	Maximum Cutting Depth
105mm	16mm - 20mm - 22.2mm	13,650	25mm
115mm	16mm - 20mm - 22.2mm	13,300	32mm
125mm	16mm - 20mm - 22.2mm	12,000	38mm
180mm	20mm - 22.2mm	8,700	56mm
200mm	20mm - 22.2mm - 25.4mm	7,500	70mm
230mm	22.2mm - 25.4mm	6,500	87mm
250mm	22.2mm - 25.4mm	6,100	87mm
300mm	22.2mm - 25.4mm	5,100	100mm
350mm	22.2mm - 25.4mm	4,300	125mm