

DIAMOND BLADE, TURBO RIM BY DYMAXION



SAFETY PRECAUTIONS
Always wear appropriate safety gear when using power tools.
Read and understand the manufacturer's instructions.
Use the correct blade for the material being cut.
Do not force the blade, let the tool do the work.
Keep hands and feet clear of the cutting path.
Do not use the blade to cut overhead or in confined spaces.
Do not use the blade to cut flammable or explosive materials.
Do not use the blade to cut electrical wires.
Do not use the blade to cut asbestos-containing materials.
Do not use the blade to cut lead-painted surfaces.
Do not use the blade to cut lead-acid batteries.
Do not use the blade to cut gas cylinders.
Do not use the blade to cut under tension.
Do not use the blade to cut on a slippery surface.
Do not use the blade to cut on a wet surface.
Do not use the blade to cut on a hot surface.
Do not use the blade to cut on a moving object.
Do not use the blade to cut on a rotating object.
Do not use the blade to cut on a vibrating object.
Do not use the blade to cut on a flammable or explosive atmosphere.
Do not use the blade to cut on a confined space.
Do not use the blade to cut on a high voltage electrical system.
Do not use the blade to cut on a high pressure gas system.
Do not use the blade to cut on a high temperature surface.
Do not use the blade to cut on a high speed rotating object.
Do not use the blade to cut on a high speed moving object.
Do not use the blade to cut on a high speed vibrating object.
Do not use the blade to cut on a high speed rotating or vibrating object.
Do not use the blade to cut on a high speed rotating or vibrating object.

SKU	Option	Part #	Price
9800002	Size: 100mm x 16m	BDBT100	\$24.1
9800003	Size: 115mm x 22mm	BDBT115	\$24.95
9300912	Size: 125mm x 22mm	BDBT125	\$29.2
35969	Size: 150mm x 22mm	BDBT150	\$38.95
8702872	Size: 180mm x 25.4mm	BDGT180	\$68.3
55455	Size: 230mm x 25.4mm	BDBTT230	\$75.8
52711	Size: 300mm x 25.4mm	BDBT300	\$258
30059	Size: 350mm x 25.4mm	BDBT350	\$278.95

Model	
Type	Hand Tools
SKU	9800002
Part Number	BDBT100
Barcode	9333716009007
Brand	Dymaxion
Packaging + Shipping	
Shipping Weight (Gross)	1.48 kg

About this item:

These Turbo Rim blades have bonds optimised for cutting clay brick and natural limestone.

Turbo blades feature a continuous rim with an edge that is serrated.

This serrated edge is designed to give the blade faster cutting speeds while maintaining a smooth cut, combining the best qualities from both segmented and continuous rim blades.

Diamond blades do not cut, they actually grind through the material by exposing new diamond at the right moment just before the old diamond wears away.

The newly exposed diamonds again will wear, chip, or break out of the metal bond in the segment, while the metal bond gradually wears away to expose new diamond. This process is repeated over and over until there is no diamond remaining and the blade is worn out.

Ideally and to get the maximum life out of a diamond blade, the metal should wear away at just the right time to expose new diamond for optimum cutting performance.

If the metal wears away too quickly, the diamonds are exposed too soon and get torn out of the metal bond before they are fully worn. The result is a very short blade life.

If the metal wears away too slowly, the diamonds wear away before new diamond is exposed. This is often referred to as a 'glazed blade'. Without exposed diamond the blade will not cut.

Abrasive materials like green concrete and asphalt will wear the metal bond very fast, so blades for these materials have



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a much harder metal bond to resist this abrasion.

The opposite occurs on a hard clay paver the clay paver is not abrasive enough to wear the metal bond fast enough to expose fresh diamond, therefore a different and much softer alloy is needed for cutting these types.

The single most important factor for the life of the blade is to match it to the job application and the type of equipment it is being used on.

Options

BDBT100
BDBT115
BDBT125
BDBT150
BDGT180
BDBTT230
BDBT350
BDBT300