

DIAMOND BLADE, CONTINUOUS RIM BY DYMAXION



SKU	Option	Part #	Price
51952	Size: 100mm x 16m	BDGC100	\$23.95
51459	Size: 115mm x 22m	BDGC115	\$28.1
35962	Size: 125mm x 22m	BDGC125	\$31.2
8702511	Size: 180mm x 25.4mm	BDGC180	\$48.5

Model	
Type	Hand Tools
SKU	51952
Part Number	BDGC100
Barcode	9333716001209
Brand	Dymaxion
Packaging + Shipping	
Shipping Weight (Gross)	1.48 kg



SAFETY PRECAUTIONS
 Read and understand the instructions supplied to you and adhere to them at all times.
 Never use any hand power tools without the correct safety equipment.
 Always use the correct safety equipment when using any hand power tool.
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About this item:

Continuous rim blades have softer bonds for cutting hard materials such as tile, porcelain, granite, stone, glass, and other materials that can chip easily. These blades don't have individual segments but instead have a solid, continuous rim or edge. Most continuous rim blades are designed for wet cutting applications, providing the smoothest, chip free cuts. 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 to 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 a much harder metal bond to resist this abrasion.



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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.