

#### 23 Exhibition Drive, Malaga Western Australia

Monday - Friday 7am-5pm + Sat 8am-4pm

Sales Centre for Sales, Advice + Orders T +61 8 9209 7400 hello@beyondtools.com

## **DIAMOND BLADE MESH RIM BY DYMAXION**





SKU	Option	Part #	Price
39328	Size: 100mm	BDGL100	\$32.2
51460	Size: 115mm	BDGL115	\$36.2
37593	Size: 125mm	BDGL125	\$38.5

Model		
Туре	Diamond Saw Blade	
SKU	39328	
Part Number	BDGL100	
Barcode	9333716007393	
Brand	Dymaxion	
Packaging + Shipping		
Shipping Weight (Gross)	0.48 kg	



### **Features**

Mesh Rim blades have softer bonds for cutting hard materials such as tile, porcelain, marble, and other materials that can chip easily.

These blades have a thin 1.5mm kerf to minimise surface chipping and reduce cutting friction.

Most continuous rim and mesh 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

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

## 23 Exhibition Drive, Malaga Western Australia



Monday - Friday 7am-5pm + Sat 8am-4pm

Sales Centre for Sales, Advice + Orders T +61 8 9209 7400 hello@beyondtools.com

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.

#### Suit

Ceramic tiles, stone and marble. Suitable for use with hard porcelain.

### Specification

Part Number:	BDGL100	BDGL115	BDGL125
	Diamond Blade	Diamond Blade	Diamond Blade
Title:	100mm Mesh	115mm Mesh	125mm Mesh
	Rim	Rim	Rim
Barcode	9333716007393	9333716007409	9333716007461
Brand	Dymaxion	Dymaxion	Dymaxion
	Ceramic tiles,	Ceramic tiles,	Ceramic tiles,
	stone and	stone and	stone and
Ideal For	marble. Suitable	marble. Suitable	marble. Suitable
	for use with	for use with	for use with
	hard porcelain.	hard porcelain.	hard porcelain.
Bore	16mm	22mm	22mm
(mm/inch)	10111111	2211111	22111111
Diameter	100	115	125
(mm)	100	113	123
Thickness	1 5	1.5	1.5
(mm)	1.5	1.5	1.5
Pack Qty	1	1	1
Pack Type	Single	Single	Single
Packaging	Clam Shell	Clam Shell	Clam Shell
Rim Type	Mesh	Mesh	Mesh
O			

# Options

BDGL100 BDGL115

BDGL125