

105mm Super-Thin Diamond Blade for Vitrified Brick

This super-thin diamond blade is designed for cutting vitrified brick and ceramic tiles. It delivers precise and clean cuts with minimal material waste.



ADDITIONAL IMAGES



Overview

High-Performance Cutting Solution

This 105mm super-thin diamond blade is engineered for precision cutting of vitrified brick, ceramic tiles, and microlite stones. Featuring a high-quality diamond-impregnated edge, it delivers sharp, clean, and chip-free cuts while preventing edge collapse. Designed for both dry and wet cutting applications, this durable tool ensures efficient material removal and extended service life for professional tiling and construction projects.

Technical Specifications



Exquisite corrugated teeth design ensures efficient material removal and reduced heat generation.

Dimensions

105 mm

Diameter

20 mm

Bore Diameter

1.1 mm

Thickness

Performance Limits

14550 RPM

Max Speed

80 m/s

Max Linear Speed

Design Features

- Super-thin substrate for precise cutting
- Corrugated teeth design (8mm depth)
- 108 teeth configuration
- High-temperature resistance to prevent burning
- Dual-use for dry and wet cutting

Compatibility & Usage



Versatile design allows for easy switching between marble machines and angle grinders using ring hole adapters.

Compatible Machines

Angle Grinder • Marble Machine • Tile Saw

Compatible Materials

Vitrified Tiles, Ceramic Tiles, Microlite Stones, Granite

Logistics

Packaging Details

Unit	Quantity
Pieces per Box	10
Pieces per Carton	200

Safety Guidelines

Caution

Install correctly
The direction of the arrow of the saw blade must be the same as the direction of rotation of the cutting machine.

Security
The cutting machine must have a good safety shield. Operators should wear safety clothing, protective gloves, protective glasses and other protective equipment. If the saw blade is damaged, it is strictly forbidden to use.

Cutting method
Straight cut is the correct method of use. The feed should be smooth. It is forbidden to impact and overheat cutting. To avoid danger, it is forbidden to side or curve cutting. Do not cut into existing slits or slots.

Suggestion of dry cutting
Do not cut continuously for a long time when dry cutting, and the cutting machine should be cooled intermittently. Be careful of leakage when cutting the blade with water.

Follow these guidelines for safe installation and operation to ensure longevity and prevent injury.

Safe Operation Practices

Always install the blade with the rotation arrow aligned correctly with the cutting machine. Operators must utilize appropriate safety equipment, including protective clothing, gloves, and glasses. Ensure the cutting machine is equipped with a safety shield. For dry cutting, avoid continuous operation to prevent overheating; use intermittent cooling. Straight, smooth cuts are required; avoid side or curve cutting and never use a damaged blade.