

Yato | Code YT-59975 | Sku 1059975

Diamond Blade for Cutting and Grinding Ceramics 230 mm



Overview

The blade is designed for precise and clean dry cutting. The high 10 mm segment increases the life of the disc. The reduced cross-sectional area allows faster and more precise cutting, without chipping the cut edges and with less load on the grinder. The segment features optimally selected cobalt hardness and A-grade industrial diamond granules. Enables precise grinding of tile edges at a 45° angle (even when working manually). The centered disc flange ensures no side run-out and cuts without edge bumps. Suitable for chamfering of porcelain stoneware tiles and cutting tile valley edges at an angle.

Key Technical Specifications

Diameter	230 mm
Material	65Mn steel
Work Type	dry, wet
Application	ceramic tiles, glazed tiles, stone tiles, glass, porcelain, ceramics, stoneware, roof tiles
Max. Rotational Speed	6500 min ¹
Cutting Segment Height	10 mm
Mounting Hole Diameter	22.2 mm
Cutting Segment Thickness	2 mm
Max. Disc Linear Velocity	80 m/s
Cutting Segment Chemical Composition	Fe 20%, Cu 55%, Sn 7%, Ni 8%, Co 10%, diamond coating 15%

Key Points

- High 10 mm segment for extended disc service life
- Reduced cross-sectional area for faster, more precise cutting with minimal chipping
- Optimally selected cobalt hardness with A-grade industrial diamond granules

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- Precise 45° edge grinding, even in manual operation
 - Centered disc flange eliminates side run-out and edge bumps
 - Suitable for dry and wet work
 - Compatible with ceramic tiles, glazed tiles, stone tiles, glass, porcelain, stoneware, and roof tiles

Warnings

- Observe the maximum rotational speed of 6500 min¹ and maximum linear velocity of 80 m/s at all times
- Ensure the correct mounting hole diameter (22.2 mm) before use
- Use appropriate personal protective equipment when cutting or grinding
- Follow all applicable safety regulations for angle grinder accessories