

Tungsten Carbide Tipped Circular Saw Blade

This professional-grade circular saw blade is designed for ripping and cross-cutting thick hardwoods. Its thin kerf allows for a smooth finish with minimal waste.



ADDITIONAL IMAGES



Product Overview

Professional Grade Wood Cutting Solution

This Tungsten Carbide Tipped (TCT) circular saw blade is engineered for industrial-level performance in ripping and crosscutting thick hardwoods. Featuring quadruple chip grinding and a thin kerf design, it ensures high-precision cuts with minimal material waste. The blade is constructed from high-strength alloy steel with YG6 carbide tips, providing exceptional durability and heat resistance for demanding construction tasks.

Key Performance Metrics



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8200 RPM

Max Speed (7-1/4")

91 HRA

Tip Hardness

2300 N/mm²

Tip Strength

45 HRC

Body Hardness

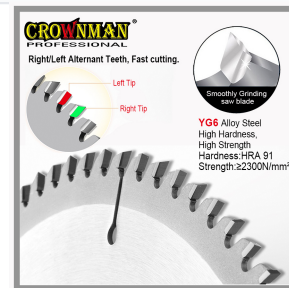
Technical Specifications



Blade Dimensions & Teeth

Diameter	Teeth Count	Arbor Hole	Max RPM
4" (105mm)	24T	20mm	14500
7-1/4" (185mm)	24T / 60T	22.23mm	8200
12" (300mm)	60T	25.4mm	5000

Material & Construction



Material Composition

- YG6 Alloy Steel Tips
- High Carbon Tool Steel Teeth
- High Strength Alloy Steel Body
- Quenching Matrix Technics for stability
- Right/Left Alternant Teeth (ATB) geometry

Applications



Compatible Machinery

- Miter Saws
- Circular Saws
- Table Saws
- Hand Saws
- Chop Saws
- Portable Cutting Saws

Compatible Materials

Hard Wood, Soft Wood, Exotic Wood, Abrasive Wood, Plywood, Chipboard, Wood with pins

Safety & Compliance

Safety Requirements

Wear Heavy Shield • Safety Glasses Required • Long Sleeve Gloves Required