






CT-PRIME[®] HLO

Carbide bandsaw blade for efficient high-speed cutting of variable shape profiles, beams and thick pipes.



	LEVEL PRODUCT S
	GEOMETRY HLO
	≥ 30 mm
	SIZES 41x1,3- 67x1,6 mm
	HONED
	COATED

Characteristics

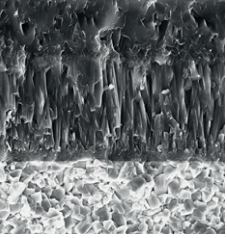
- Special multilayer coated carbide blade developed mainly for mitering and line drilling
- Sharp carbide hone
- Heat resistant PVD edge for fast cutting
- Significant increase in blade life with sharp nanohardness of 35 gigapascal (GPa)
- HLO tooth geometry
- Geometry designed for maximum performance on interrupted cuts
- Reinforced teeth
- Minimum lubrication required
- Maximum feeding speed
- High-volume cutting with reduced cycle times
- Cutting precision and absence of burrs
- Clean surface finish

Applications

- Varying shape structural steel
- Large to medium width tubes

Advantages

- Maximum capability on varying shaped steel
- Strong and resistant geometry
- PVD thermal barrier coating



CT-PRIME®
COATED CARBIDE BANDSAW BLADE



CT-PRIME® HLO

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	3,0/4	2,0/3
41 x 1,3	1-5/8 x 0,050	HLO	HLO
54 x 1,3	2-1/8 x 0,050	HLO	HLO
54 x 1,6	2-1/8 x 0,063	HLO	HLO
67 x 1,6	2-5/8 x 0,063		HLO
CONTACT LENGTH		30-150	150-300

Overview of materials



	CT-PRIME® HLO	CT-PRIME® P-TH	CT-PRIME® S-TH
Construction steel, Automatic steel	Yellow	Yellow	Blue
Carbon steel	Blue	Yellow	Blue
Hardened and tempered steel	Blue	Yellow	Yellow
Hardened and tempered steel over 1200 N/mm ²	Green	Green	Yellow
Case hardening steel, harmonic steel	Blue	Yellow	Yellow
Bearing steel	Green	Yellow	Yellow
Hot tool steel	Green	Yellow	Yellow
Cold tool steel	Green	Blue	Blue
High-speed steel	Green	Blue	Yellow
Ferritic stainless steel	Green	Blue	Yellow
Austenitic stainless steel	Green	Blue	Yellow
Martensitic stainless steel	Green	Blue	Yellow
Duplex and heat-resistant steel	Green	Green	Blue
Cast iron	Green	Yellow	Blue
Nickel alloys	Green	Blue	Yellow
Titanium alloys	Green	Green	Yellow
Aluminium	Black	Black	Black
Copper alloys	Green	Green	Green
Aluminium bronze	Green	Green	Green

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable

Recommended uses

- Construction steel
- Structural steel
- Carbon steel