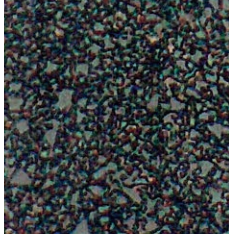


CT-ALPHA® M-TH

A versatile carbide bandsaw blade, particularly adapted for machines with poor results using bi-metal blades

- LEVEL PRODUCT 1
- GEOMETRY TH
- ≥ 300 mm
- SIZES 54x1,6 - 80x1,6 mm

Characteristics

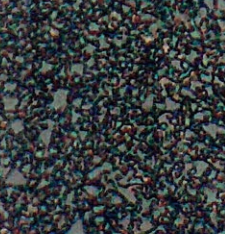
- Uncoated carbide tooth blade
- Unset tooth base
- Versatile blade for generic cutting of stock material, ferrous and non-ferrous metals
- TH (triple height) tooth geometry
- TH4 version with 4 teeth per group
- Suitable for out-of-date machines, where CT-SIGMA and CT-APEX carbide blades cannot reach their potential.
- The perfect choice as the first step to using carbide blades on less effective machines
- Low cut resistance
- Clean surface finish

Applications

- Suitable for applications without maximum productivity requirements, where the functional cutting capacity is limited by the machine.
- Best results for mixed tool and carbon steel from steel dealers and for pre-forge processing
- Suitable for cutting hardened steel with hardness up to 350 HB or tensile strength up to 1200 N/mm^2
- Usable on unfavorable surfaces containing slag

Advantages

- Entry level product, allowing beginners to reach a level of quality above bi-metal blades without spending more.



CT-ALPHA®
CARBIDE TIP BANDSAW BLADE

SEKTOR®
CUTTING EXPERT

CT-ALPHA® M-TH

WIDTH x THICKNESS		TPI (TEETH PER INCH)			
mm	inch	1,4/1,6	1/1,25	0,9/1,1	0,7/1
54 x 1,6	2-1/8 x 0,063	TH4			
67 x 1,6	2-5/8 x 0,063		TH4	TH4	
80 x 1,6	3-1/8 x 0,063		TH4	TH4	TH4
CONTACT LENGTH		300-600	550-900	750-1500	750-2000

Overview of materials

	CT-ALPHA® M-TH4	CT-ALPHA® M-VX5
Construction steel, Automatic steel		
Carbon steel		
Hardened and tempered steel		
Hardened and tempered steel over 1200 N/mm²		
Case hardening steel, harmonic steel		
Bearing steel		
Hot tool steel		
Cold tool steel		
High-speed steel		
Ferritic stainless steel		
Austenitic stainless steel		
Martensitic stainless steel		
Duplex and heat-resistant steel		
Cast iron		
Nickel alloys		
Titanium alloys		
Aluminium		
Copper alloys		
Aluminium bronze		

LEGEND

Recommended Approved Allowed Not Applicable

Recommended uses

- Generic cuts
- Carbon steel
- Hardened and tempered steels up to 1000 N/mm²