

CT-ALPHA[®] M-VX

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



LEVEL PRODUCT 1



GEOMETRY VX



≥ 340 mm



SIZES 54x1,6 - 80x1,6 mm

Characteristics

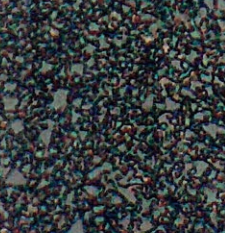
- Uncoated carbide tooth blade
- Unset tooth base
- Unique tooth set produces asymmetric chip removal
- VX variable taper ground tips
- VX tooth geometry with 7 chip sections
- VX5 version with 5 teeth per group
- Versatile blade for generic cutting of stock materials, especially steel
- Suitable for out-of-date machines, where CT-SIGMA and CT-APEX carbide blades cannot reach their potential.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 cutting 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 a variety of stainless steels for pre-forge processing
- Suitable for cutting hardened steel with hardness up to 350 HB or tensile strength up to 1200 N/mm²
- Usable on unfavorable surfaces containing slag

Advantages

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



CT-ALPHA®
CARBIDE TIPS BANDSAW BLADE



CT-ALPHA® M-VX

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	VX5			
67 x 1,6	2-5/8 x 0,063		VX5	VX5	
80 x 1,6	3-1/8 x 0,063		VX5	VX5	VX5
CONTACT LENGTH		340-720	600-1000	750-1500	750-2000

Overview of materials

	CT-ALPHA® M-VX5	CT-ALPHA® M-TH4
Construction steel, Automatic steel	Allowed	Approved
Carbon steel	Allowed	Approved
Hardened and tempered steel	Approved	Allowed
Hardened and tempered steel over 1200 N/mm²	Allowed	Not Applicable
Case hardening steel, harmonic steel	Allowed	Approved
Bearing steel	Not Applicable	Not Applicable
Hot tool steel	Allowed	Allowed
Cold tool steel	Allowed	Not Applicable
High-speed steel	Allowed	Allowed
Ferritic stainless steel	Approved	Allowed
Austenitic stainless steel	Approved	Allowed
Martensitic stainless steel	Approved	Allowed
Duplex and heat-resistant steel	Approved	Allowed
Cast iron	Allowed	Approved
Nickel alloys	Approved	Allowed
Titanium alloys	Allowed	Allowed
Aluminium	Not Applicable	Not Applicable
Copper alloys	Allowed	Allowed
Aluminium bronze	Allowed	Allowed

LEGEND

■ Recommended ■ Approved ■ Allowed ■ Not Applicable

Recommended uses

- Generic cuts
- All stainless steel
- Hardened and tempered steel up to 1000 N/mm²