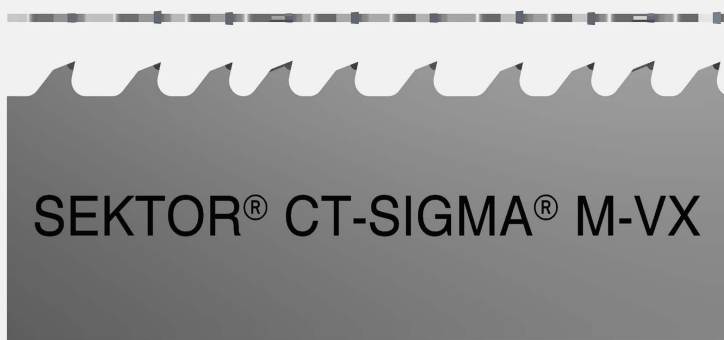







CT-SIGMA[®] M-VX

VX series carbide bandsaw blade with minimum feed resistance for efficient operations on stainless steel and tempered steel molds even for light-duty machines



-  LEVEL PRODUCT 3
-  GEOMETRY VX
-  ≥ 150 mm
-  SIZES 41x1,3 - 80x1,6 mm
-  HONED

Characteristics

- Uncoated carbide blade
- Sharp carbide hone
- Unset tooth base
- Asymmetric chip removal similar to tooth setting
- Increased anti-pinch cutting thickness
- VX variable taper ground tips
- VX tooth geometry with 7 chip producing sections
- VX5 and VX6 configurations with 5 and 6 teeth per group
- Low cutting resistance
- Maximum silence
- Clean surface finish

Applications

- Suitable for applications with high volume cutting capacity and reduced blade speed even on older model machines
- Primarily for use on all stainless steel or steel molds of varying sizes
- Suitable for cutting tempered tool steel with hardness above 350 HB or 1200 N/mm²
- Usable on unfavorable surfaces containing slag

Advantages

- High power reserve maintained throughout a range of differently sized materials
- Increased productivity on materials with difficult workability



CT-SIGMA®
CARBIDE TIP BANDSAW BLADE



CT-SIGMA® M-VX

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	3,0/4	2,0/3	1,4/2	1,4/2	1/1,3	1/1,3	0,7/1
41 x 1,3	1-5/8 x 0,050	VX5	VX5					
54 x 1,6	2-1/8 x 0,063		VX5	VX5	VX6			
67 x 1,6	2-5/8 x 0,063			VX5	VX6	VX5	VX6	
80 x 1,6	3-1/8 x 0,063			VX5	VX6	VX5	VX6	VX5
CONTACT LENGTH		150-220	220-340	340-670	400-720	500-1000	600-1100	750-2000

Overview of materials



	CT-SIGMA® M-VX	CT-SIGMA® S-VX	CT-SIGMA® H-VX	CT-SIGMA® P-VX
Construction steel, Automatic steel	Green	Green	Green	Blue
Carbon steel	Green	Green	Green	Blue
Hardened and tempered steel	Yellow	Blue	Blue	Yellow
Hardened and tempered steel over 1200 N/mm²	Blue	Blue	Yellow	Green
Case hardening steel, harmonic steel	Blue	Green	Green	Blue
Bearing steel	Green	Green	Green	Blue
Hot tool steel	Blue	Blue	Yellow	Yellow
Cold tool steel	Blue	Green	Blue	Blue
High-speed steel	Blue	Green	Blue	Blue
Ferritic stainless steel	Yellow	Blue	Blue	Yellow
Austenitic stainless steel	Yellow	Yellow	Yellow	Blue
Martensitic stainless steel	Yellow	Blue	Blue	Yellow
Duplex and heat-resistant steel	Yellow	Yellow	Blue	Blue
Cast iron	Green	Green	Green	Yellow
Nickel alloys	Yellow	Yellow	Blue	Yellow
Titanium alloys	Blue	Blue	Green	Green
Aluminium	Black	Black	Black	Black
Copper alloys	Blue	Green	Green	Blue
Aluminium bronze	Blue	Green	Green	Blue

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable

Recommended uses

- Tempered steel with tensile strength over 1200 N/mm²
- Spring and case-hardened steel
- Hot and cold rolled tool steel
- High speed steel
- All stainless steel
- Nickel alloys
- Titanium alloys