






CT-APEX[®] HRC

Carbide bandsaw blade developed for cutting tempered or chrome-plated stems and materials with hardened surface



-  LEVEL PRODUCT 2
-  GEOMETRY HRC
-  ≥ 30 mm
-  SIZES 27x0,9 - 54x1,6 mm
-  HONED

Characteristics

- Special uncoated carbide bandsaw blade developed for cutting hardened surfaces up to 65 HRC
- Sharp carbide hone
- Usable for profile cutting of tempered bending tools
- HRC tooth geometry
- Negative or neutral cutting strips
- Precise cutting with no burr formation
- Clean surface finish
- Indications

Applications

- Chrome rods
- Induction tempered steel

Advantages

- High performance with the appropriate material
- Robust and tenacious geometry resists abrasive wear



CT-APEX®
CARBIDE TIP BANDSAW BLADE



CT-APEX® HRC

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	3,0/4	2,0/3
27 x 0,9	1-1/16 x 0,035	HRC	
34 x 1,1	1-3/8 x 0,042	HRC	
41 x 1,3	1-5/8 x 0,050	HRC	HRC
54 x 1,6	2-1/8 x 0,063	HRC	HRC
CONTACT LENGTH		30-150	150-300

Overview of materials



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

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable

Recommended uses

- Tempered steel
- Chromed steel
- Induction tempered steel
- Cast iron