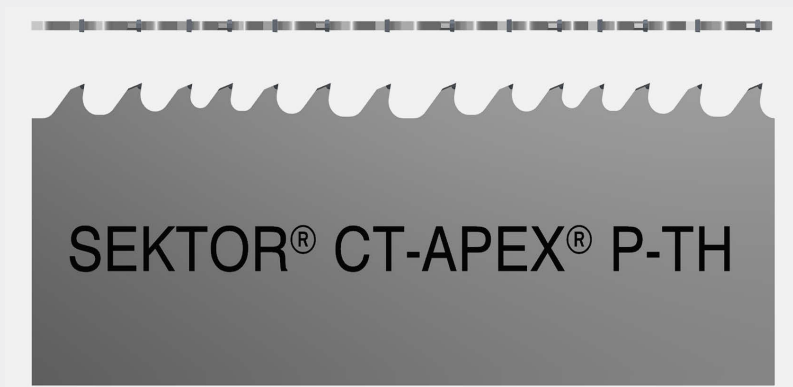







CT-APEX[®] P-TH

High performance carbide bandsaw blade, especially for modern high-output machines



-  LEVEL PRODUCT 2
-  GEOMETRY TH
-  ≥ 60 mm
-  SIZES 27,9x0,9- 80x1,6 mm
-  HONED

Characteristics

- Uncoated carbide blade
- Honed carbide teeth
- Versatile bandsaw blade for high-volume cutting on ferrous metals
- TH tooth geometry
- Suitable for saw machines with high volume cutting capacity and elevated blade speed
- Maximized yield on heavy duty and modern machines
- Low cut resistance
- Clean surface finish

Applications

- Can be used with previously set cutting parameters of conventional carbide blades from competitive products
- TH2 and TH3 configurations with 2 and 3 teeth per group respectively
- TH2 configuration designed mainly for use on structural and tempered steel
- TH3 configuration designed mainly for use on annealed tool-grade steel and tempered low-alloy steel with hardness up to HB 300 or 1000 N/mm²

Advantages

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



CT-APEX®
CARBIDE TIP BANDSAW BLADE



CT-APEX® P-TH

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	3,0/4	3,0/4	2,0/3	2,0/3	1,4/2	1,4/2	1,3/1	1,3/1	0,7/1	0,7/1
27 x 0,9	1-1/16 x 0,035	TH2	TH3								
34 x 1,1	1-3/8 x 0,042	TH2	TH3	TH2	TH3						
41 x 1,3	1-5/8 x 0,050	TH2	TH3	TH2	TH3	TH2	TH3				
54 x 1,3	2-1/8 x 0,050			TH2	TH3	TH2	TH3				
54 x 1,6	2-1/8 x 0,063			TH2	TH3	TH2	TH3				
67 x 1,6	2-5/8 x 0,063					TH2	TH3	TH2	TH3		
80 x 1,6	3-1/8 x 0,063							TH2	TH3	TH2	TH3
CONTACT LENGTH		60-150	90-180	90-210	130-250	130-300	200-430	200-650	300-800	300-1500	450-1800

Overview of materials



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

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable

Recommended uses

- Construction steel
- Carbon steel
- Tempered steel with tensile strength up to 1000 N/mm²
- Spring and case-hardened steel
- Steel for bearings
- Cold pressed tool steel
- Cast iron
- Copper alloys
- Aluminiumbronze