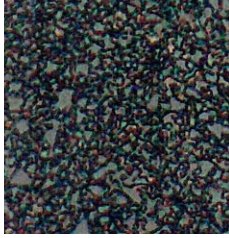


CT-APEX® S-TH

Versatile high performance carbide bandsaw blade, suited for modern high-output machines

- LEVEL PRODUCT 2
- GEOMETRY TH
- ≥ 120 mm
- SIZES 34x1,1 - 80x1,6 mm
- BREAK IN

Characteristics

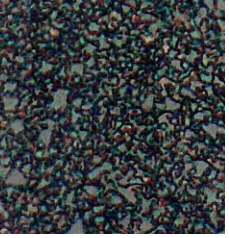
- Uncoated carbide blade
- BREAK IN treatment carbide teeth
- Versatile blade for high-volume steel cutting
- TH tooth geometry
- Suitable for saw machines with elevated cutting capacity with high blade speed for the relevant material
- Maximized yield on heavy duty and modern machines
- Low cutting resistance
- Clean surface finish

Applications

- TH4 and TH5 configurations with 4 and 5 teeth per group respectively
- TH4 configuration designed mainly for use on annealed tool steel or stainless steel with hardness up to 300 hb or 1000 N/mm²
- TH5 configuration designed mainly for use on stainless steel and titanium with hardness up to 350 HB
- TH5 variant offers great performance in cutting grade 5 titanium ingots

Advantages

- High power reserve maintained throughout a range of differently sized materials
- Increased productivity on tempered steel, nickel and titanium alloys



CT-APEX®
CARBIDE TIP BANDSAW BLADE

SEKTOR®
CUTTING EXPERT

CT-APEX® S-TH

WIDTH x THICKNESS		TPI (TEETH PER INCH)								
mm	inch	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
34x1,1	1-3/8 x 0,042	TH4	TH4							
41 x 1,3	1-5/8 x 0,050	TH4	TH4	TH5	TH4					
54 x 1,3	2-1/8 x 0,050		TH4	TH5	TH4					
54 x 1,6	2-1/8 x 0,063		TH4	TH5	TH4	TH5				
67 x 1,6	2-5/8 x 0,063		TH4	TH5	TH4	TH5	TH4	TH5		
80 x 1,6	3-1/8 x 0,063				TH4	TH5	TH4	TH5	TH4	TH5
CONTACT LENGTH		120-200	180-285	225-315	270-550	340-670	400-900	500-1000	600-2000	750-2000

Overview of materials

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

LEGEND

Recommended · Approved · Allowed · Not Applicable

Recommended uses

- Carbon/tempered steel with hardness index up to 1000 N/mm²
- Spring and case-hardened steel
- Tool steel
- High-speed steel
- All stainless steels
- Nickel alloys
- Titanium alloys
- Copper alloys
- Aluminum bronze
- AFprimeluminum

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