






CT-APEX[®] N-TH

Versatile carbide bandsaw blade for cutting cast aluminum or aluminum plates



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

Characteristics

- Uncoated carbide blade
- BREAK IN blade treatment
- For universal use on non-ferrous metals
- For aluminum with automatic and manual sawing machines with blade speed from 2300 ft/min up to over 8000 ft/min
- High chip production over 310 in²/min
- Triple height (TH) tooth geometry
- Clean surface finish
- Long blade life

Applications

- TH3, TH4, TH5 configurations available with 3,4,5 teeth per group respectively
- TH3 configuration specially designed for operations on automated lines with cutting of small-medium sections or on manual feed machines
- TH4 and TH5 configurations specially designed for cutting medium-large format aluminum plates for a maximum blade speed of over 8000 ft/min

Advantages

- High power reserve maintained throughout a range of differently sized materials
- Increased productivity on ductile metals for high-speed cutting
- Maximum resistance to abrasion wear



CT-APEX®
CARBIDE TIP BANDSAW BLADE



CT-APEX® N-TH

WIDTH x THICKNESS

TPI (TEETH PER INCH)

mm	inch	3,0/4	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	TH3	TH3						
34 x 1,1	1-3/8 x 0,042	TH3	TH3	TH3	TH4				
41 x 1,3	1-5/8 x 0,050	TH3	TH3	TH3	TH4				
54 x 1,3	2-1/8 x 0,050		TH3	TH3	TH4				
54 x 1,6	2-1/8 x 0,063		TH3	TH3	TH4	TH4	TH5		
67 x 1,6	2-5/8 x 0,063			TH3	TH4				
80 x 1,6	3-1/8 x 0,063							TH4	TH5
CONTACT LENGTH		60-150	100-220	180-600	220-600	600-2000	800-2500	1000-2700	1000-3000

Overview of materials



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

LEGEND

■ Recommended
 ■ Approved
 ■ Allowed
 ■ Not Applicable

Recommended uses

- Aluminum alloys
- Copper alloys
- Bronzealuminum