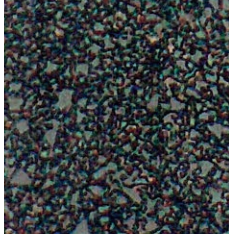


CT-APEX® HRSA

Carbide bandsaw blade for strain hardened, difficult to cut materials; intended for the aerospace, energy, oil and gas, chemical and petrochemical sectors

- LEVEL PRODUCT 2
- GEOMETRY HRSA
- ≥ 120 mm
- SIZES 41x1,3 - 80x1,6 mm
- BREAK IN

Characteristics

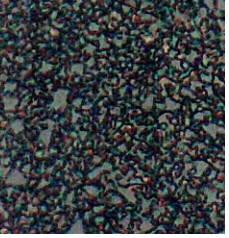
- Special uncoated carbide blade for high efficiency cutting of heat-resistant superalloys
- BREAK IN treatment of carbide teeth
- Microwire carbide teeth
- HRSA geometry and quality of carbide tips designed to withstand maximum cutting forces and high wear on the cutting edge
- Can be used on new or factory rebuilt machines
- Reduced cutting resistance for high cutting rate at low blade speed for the relevant material
- For high-volume cutting and reduced cycle times

Applications

- For all nickel and iron based HRSA alloys-
- Heat resistant duplex and superduplex steels
- Titanium alloys

Advantages

- Excellent potential with HRSA materials
- Evident increase in cutting capacity



CT-APEX®
CARBIDE TIP BANDSAW BLADE

SEKTOR®
CUTTING EXPERT

CT-APEX® HRSA

WIDTH x THICKNESS		TPI (TEETH PER INCH)		
mm	inch	2,0/3	1,4/2	1,3/1
41 x 1,3	1-5/8 x 0,050	HRSA		
54 x 1,3	2-1/8 x 0,050	HRSA	HRSA	
54 x 1,6	2-1/8 x 0,063	HRSA	HRSA	
67 x 1,6	2-5/8 x 0,063	HRSA	HRSA	HRSA
80 x 1,6	3-1/8 x 0,063		HRSA	HRSA
CONTACT LENGTH		120-250	250-400	400-800

Overview of materials

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

- Common HRSA alloys
- Common titanium alloys

Common Superalloys (HRSA)

- Alloy 400, Alloy K-500, Alloy C-276, Alloy C-22, Alloy X, Alloy 825, Alloy 925, Alloy 903, Alloy 907, Alloy 909, Alloy 625, Alloy 725, Alloy X-750, Alloy 718, Alloy 75, Alloy 80a, Alloy 90, Alloy 901, Alloy C263, Waspaloy®