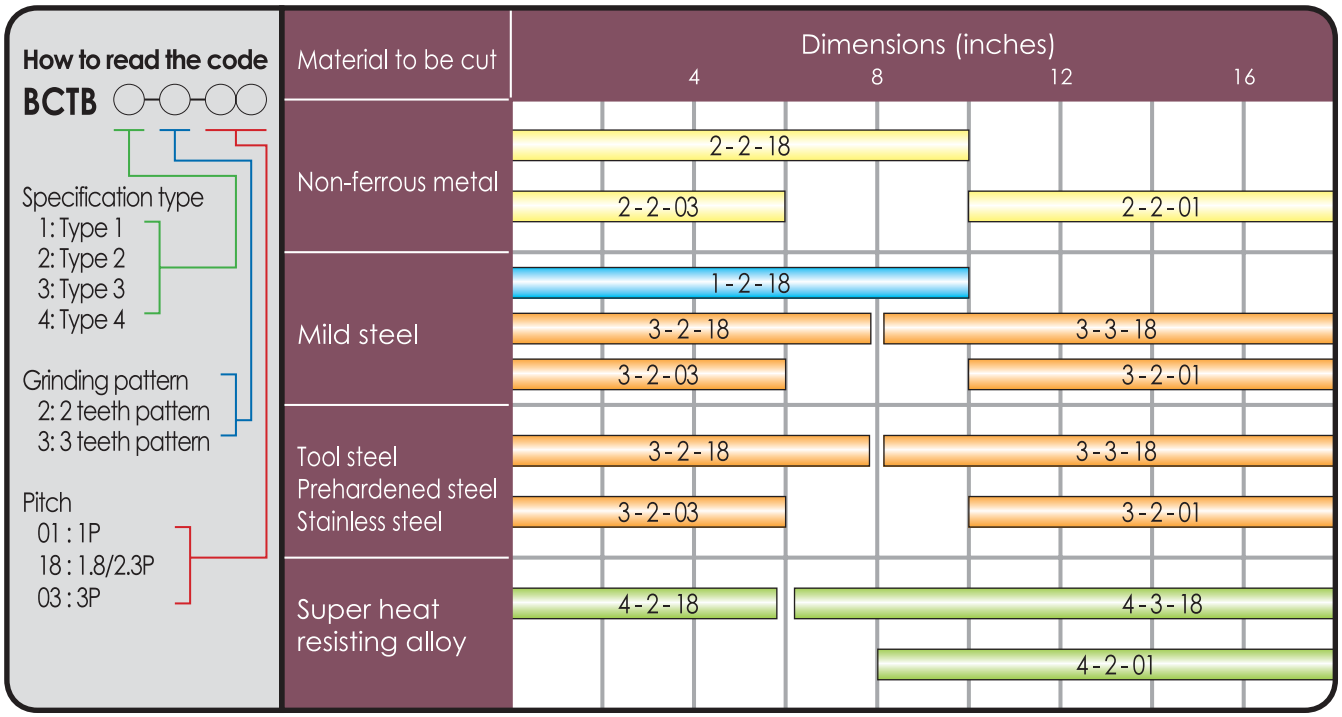
BCTB

Carbide Tipped Band Saw Blade

Designed exclusively for heat-resistant alloys, nickel based alloys, titanium alloys, and special high tensile steels with tensile strengths over 142,000psi. The unique Amada diamond hard, ultra-sharp carbide tipped band saw blade easily cuts through materials previously restricted to abrasive cut-off and other less efficient methods. This exceptional capability often allows the BCTB user to cut at much closer tolerances, therefore recovering the full cost of the blade through savings realized from decreased material loss alone.

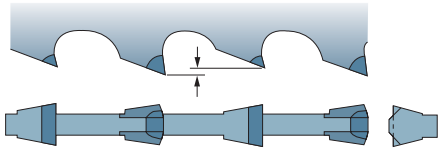
Exclusive Amada tooth geometries easily overcome the high shear strength inherent to the extremely tough space age materials. The BCTB's specially selected carbide grade resists the low thermal conductivity and abrasion that usually cause the quick breakdown of conventional bi-metal bands. Amada's fatigue resistant backing material was designed to provide the maximum beam strength and longitudinal tensile strength required to transmit constant feed pressure throughout the life of the blade.

APPLICATIONS

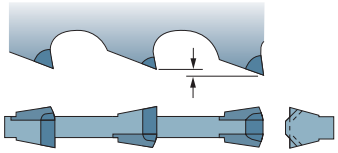


FEATURES

Amada's exclusive design of the BCTB includes a special grade of carbide with a multifaceted grind for faster metal removal and Hi-Lo tooth height for extended blade life in even the most challenging materials.



2 per pattern (Standard type)



3 teeth per pattern
(Exclusive for large diameter materials)

LINE-UP OF PRODUCTS

- "**BCTB-1**" is for mild steel.
- "**BCTB-2**" is for non-ferrous metals such as aluminum and copper.
- "**BCTB-3**" with Tin coating to increase the general purpose characteristic by widening the range of materials from mild steel up to and including stainless steel.
- "**BCTB-4**" is for extremely hard to cut materials such as titanium alloys and inconel.

Specification Type	Band Width (in.)	Band Thickness (in.)	Grinding Pattern : 2 teeth			Grinding Pattern : 3 teeth	
			Pitch				
			1	1.8/2.3	3	1.8/2.3	3
1	1 1/2	0.050	N/A	●	N/A	N/A	N/A
	2	0.050	N/A	●	N/A	N/A	N/A
2	1 1/4	0.042	N/A	N/A	N/A	N/A	N/A
	1 1/2	0.050	N/A	N/A	N/A	N/A	N/A
	2	0.050	N/A	N/A	N/A	N/A	N/A
		0.063	N/A	N/A	N/A	N/A	N/A
	2 5/8	0.063	N/A	N/A	N/A	N/A	N/A
	3	0.063	N/A	N/A	N/A	N/A	N/A
3	1 1/4	0.042	N/A	●	●	N/A	N/A
	1 1/2	0.050	●	●	●	●	N/A
	2	0.050	●	●	●	●	N/A
		0.063	●	●	N/A	●	N/A
	2 5/8	0.063	●	N/A	N/A	●	N/A
	3	0.063	●	N/A	N/A	●	N/A
4	1 1/4	0.042	N/A	●	●	N/A	N/A
	1 1/2	0.050	●	●	●	●	N/A
	2	0.050	●	●	●	●	N/A
		0.063	●	●	N/A	●	N/A
	2 5/8	0.063	●	N/A	N/A	●	N/A
	3	0.063	●	N/A	N/A	●	N/A

● Special order

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