

TCT[®]

The band saw blade for mineral materials



Product Level S

Standard- or Hooktooth

Solid materials

Band width 13 x 0.8 - 41 x 1.3mm

Product information

TCT[®] – The band saw blade for mineral materials

In some industry segments, such as construction, difficult materials or material combinations are often present for sawing. The TCT[®] meets the special requirements of the abrasive cutting material with very wear-resistant carbide saw teeth. In addition, the carbide band saw blade enables radius and contour cuts in certain dimensions, which are required for round designs.

TCT[®] was specially developed for cutting solid materials from mineral building materials. Normally, the materials have a rectangular cross-section, which can be perfectly processed with the band saw blade. The precisely cut construction elements with clean, straight cut edges, or desired contour cuts thus contribute to high productivity at the construction site.

Application

- Aerated concrete, graphite
- Insulation materials such as glass and rock wool
- Glass and carbon fibre reinforced plastic

Advantages

- Extremely resistant to abrasive wear
- high cutting performance
- Smaller cutting gap
- Usable without cooling lubricant

Features

- Carbide cutting edges with very high wear resistance
- Precisely set tooth geometry
- Constant tooth pitch for solid materials

Technical Data

Dimensions		Tooth pitch in tpi			
Width x thickness					
mm	Inch	4	3	2	1.25
13 x 0.80	1/2 x 0.032	S			
20 x 0.80	3/4 x 0.032	S	K		
27 x 0.90	1-1/16 x 0.035	S	K, S	K, S	
34 x 1.10	1-3/8 x 0.042		K, S	K	
41 x 1.30	1-5/8 x 0.050		K	K	K
Contact length	[mm]	80-120	120-200	200-400	300-800
	[Inch]	3.1-4.7	4.7-7.9	7.9-15.7	11.8-31.5

S = Standard tooth

K = Hook tooth

Materials Overview



- Hard-burnt coal, graphite
- Mineral building materials