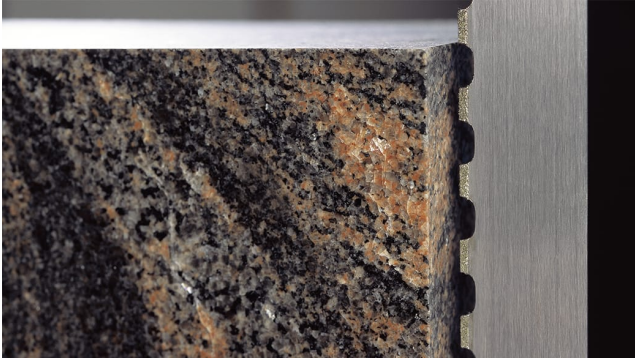


DIAGRIT[®] U

The toothed diamond coated band saw blade



- Ⓐ Product level 2
- ↕ Band width 10 x 0.5 - 100 x 1.1mm
Band width 3/8 x 0.020 - 4 x 0.042 Inch
- Ⓒ Workpiece dimension large
- ◆ Intermittent diamond coating

Product Information



The toothed diamond coated band saw blade

Application

- Glass, graphite, high-fired graphite, ceramic, silicon
- Concrete materials, carbon fibre reinforced plastic, sintered materials, virgin stone
- Large workpiece dimensions

Advantages

- Large gullet for material chipping
- Individual segment geometry (special tooth)
- Short cutting time due to excellent cutting rate

Features

- Protruding segments with diamond coating in different distances
- Backing material made of alloyed tempering steel

Technical Data (1/2)

Dimensions		Tooth pitch in tpi				
Width x thickness		variable			constant	
mm	Inch	30 - 30	20 - 20	12 - 12	8	6
10 x 0.50	3/8 x 0.020					x
13 x 0.50	1/2 x 0.020				x	
13 x 0.65	1/2 x 0.025				x	
16 x 0.50	5/8 x 0.020				x	
20 x 0.80	3/4 x 0.032				x	
27 x 0.50	1-1/16 x 0.020			x		
27 x 0.70	1-1/16 x 0.028	x		x		
27 x 0.90	1-1/16 x 0.035			x		
34 x 1.10	1-3/8 x 0.042		x			
41 x 0.50	1-5/8 x 0.020		x			
41 x 0.80	1-5/8 x 0.032		x			
41 x 1.30	1-5/8 x 0.050		x			
50 x 0.90	2 x 0.035		x			
54 x 1.10	2-1/8 x 0.042		x			
67 x 1.60	2-5/8 x 0.063	x				
80 x 1.10	3-1/8 x 0.042			x		

Grain sizes: D64, D91, D126, D151, D181, D252, D301, D356, D426, D501, D601, D711

Alternative band dimensions upon request

Technical Data (2/2)

Dimensions		Tooth pitch in tpi				
Width x thickness		variable			constant	
mm	Inch	30 - 30	20 - 20	12 - 12	8	6
100 x 0.90	4 x 0.035			x		
100 x 1.10	4 x 0.042	x		x		

Grain sizes: D64, D91, D126, D151, D181, D252, D301, D356, D426, D501, D601, D711

Alternative band dimensions upon request

Materials Overview



- Silicon, glass, natural stone