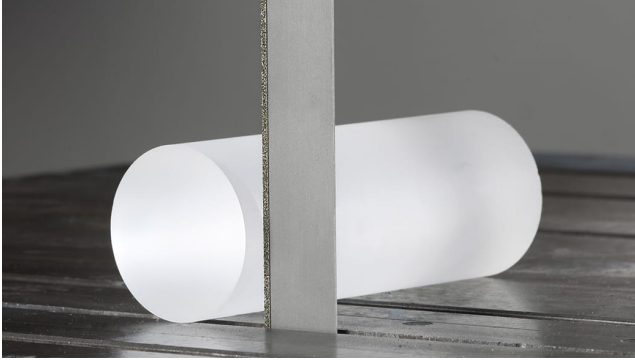


# DIAGRIT<sup>®</sup> K VA

The continuously diamond coated band saw blade with stainless backing material



Product level 2

Band width 13 x 0.5 - 100 x 1.1mm

Band width 1/2 x 0.020 - 4 x 0.042 Inch

Workpiece dimension small: up to 50 mm

Continuous diamond coating

## Product Information

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### The continuously diamond coated band saw blade with stainless backing material

#### Application

- Glass, graphite, high-fired graphite, ceramic, silicon
- Concrete materials, carbon fibre reinforced plastic, sintered materials, virgin stone
- Required cutting speed of the machine: >900 m/min ( $V_c$  = cutting speed)
- Dry and wet cutting possible depending on the material being cut
- Small workpiece dimensions

#### Advantages

- Oil-free cooling lubricant usable
- No corrosion of backing material during longer downtime
- No chipping on the contour edges
- Low finishing thanks to very good cutting surfaces

#### Features

- Continuous diamond coating on the band edge
- Backing material made of stainless special steel

## Technical Data

Dimensions	
Width x thickness	
mm	Inch
13 x 0.50	1/2 x 0.020
20 x 0.50	3/4 x 0.020
20 x 0.80	3/4 x 0.032
27 x 0.50	1-1/16 x 0.020
41 x 0.50	1-5/8 x 0.020
41 x 0.80	1-5/3 x 0.032
54 x 0.50	2-1/8 x 0.020
60 x 0.50	2-1/3 x 0.020
80 x 1.10	3-1/8 x 0.042
100 x 1.10	4 x 0.042

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