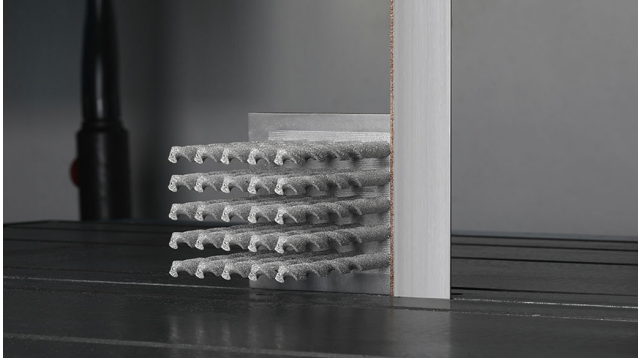


CUBOGRIT[®] K

The continuously CBN-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 small

Continuous CBN-coating

Product Information

The CBN-coated band saw blade

WIKUS expands its portfolio of the coated band saw blades by the new product CUBOGRIT[®] which uses cubic boron nitride (CBN) as cutting material. Cubic boron nitride is the second hardest material known. Besides a high hardness and strength, also thermal and chemical resistance are its properties. Due to these properties, CUBOGRIT[®] band saw blades are ideal for the reliable processing of hardened ferrous materials and hard alloys as well as for hard alloys produced in 3D-print. From now on, even the hardest alloys up to 70 HRC can be cut economically with CUBOGRIT[®].

Application

- hardened high speed steel (HSS), case-hardened steels
- high-alloy tool steels > 55 HRC
- iron-based powder coatings, chilled casting, stellite
- small workpiece dimensions

Advantages

- no chipping at the edge of the contours
- low reworking due to very good cutting surfaces

Features

- complete CBN-coating at the band edge
- backing material made of alloyed tempering steel

CUBOGRIT[®] K is also available with a backing material made of corrosion-resistant special steel as **CUBOGRIT[®] K VA**.

This execution offers the following advantages:

- cooling with pure water
- no corrosion of backing material during longer downtime

Machine requirements:

- cutting speed higher than 1200 m/min
- high machine stability
- high torque of the drive engine

Materials Overview



- Hardened high speed steel (HSS), Case-hardening steels
- High-alloy tool steels > 55 HRC
- Iron-based powder coatings, chilled casting, stellite