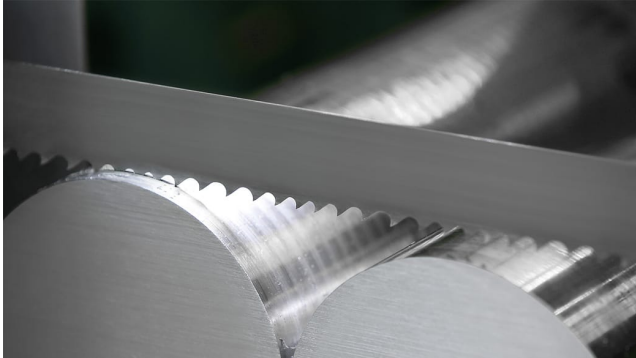


MARATHON® X3000®

— The special band saw blade for high-strength and difficult-to-cut materials



⊕ Product level 2

📐 Hook tooth

● Profiles + Solid materials

Band width 27 x 0.9 - 67 x 1.6mm

↕ Band width 1-1/16 x 0.035 - 2-5/8 x 0.063
Inch

Product Information

MARATHON® X3000® — The special band saw blade for high-strength and difficult-to-cut materials

For the sawing of high-alloyed, difficult-to-machine materials as well as tempered steels (over 1000 N/mm² tensile strength), WIKUS has developed the cutting material X3000®.

X3000® is characterized by its high hardness and excellent toughness. This combination of material properties results in a particularly good cutting edge stability with MARATHON® X3000®.

In combination with the carrier band made of alloyed tempering steel, the MARATHON® X3000® bimetal band saw blade achieves outstanding continuous operation properties.

Application Range

Application

- High-alloy austenitic materials
- Steels from 1000 N/mm² tensile strength
- Scaled forging ingots

Advantages

- Good blade-life despite difficult-to-machine materials
- Low material loss due to good cutting section flatness
- High wear resistance with hard materials
- Cost savings due to less frequent blade changes
- Excellent continuous operation properties
- Excellent cutting quality due to highly smooth and quiet running

Features

- Tooth edge made of the cutting material X3000® with positive rake angle
- High cutting edge stability and high wear resistance
- Variable tooth pitch and standard set

Technical Data

Dimensions		Tooth pitch in ZpZ				
Width x thickness						
mm	Inch	5-8	4-6	3-4	2-3	1.4-2
27 x 0.90	1-1/16 x 0.035	K	K	K	K	
34 x 1.10	1-3/8 x 0.042		K	K	K	
41 x 1.30	1-5/8 x 0.050		K	K	K	
54 x 1.60	2-1/8 x 0.063		K	K	K	K
67 x 1.60	2-5/8 x 0.063			K	K	K
Contact length	[mm]	30-60	50-100	80-170	150-300	250-550
	[Inch]	1.2-2.4	2-3.9	3.1-6.7	5.9-11.8	9.8-21.6

K = Hook tooth

Materials Overview



- Rust-proof and acid-resistant steels (ferretic)
- Nickel-based alloys
- Titanium / titanium alloys
- Tempered steels (over 1000 N/mm² / 32 HRC)
- Duplex and heat-resistant steels
- Aluminium bronzes