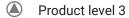


# **SKALAR® PREMIUM M42**

### The high-performer with extra blade-life





Hook tooth

Solid materials

Band width 27 x 0.9 -80 x 1.6mm

Band width 1-1/16 x 0.035 - 3-1/8 x 0.063
Inch

## **Product Information**

## The high-performer with extra blade-life

The coated SKALAR® PREMIUM M42 band saw blade was specially developed by WIKUS for workpieces with large cross-sections. Compared to the uncoated band saw blade SKALAR® M42, it achieves even higher cutting rates with a significantly increased lifetime in continuous operation and impresses with its vibration-resistant and smooth running.

The reliable, precise operation of the SKALAR® PRE-MIUM M42 allows for multi-machine operation in large sawmills. Combined with the less frequent belt changes and the ability to precisely separate different material, this results in impressively high efficiency.

#### **Application**

- High cutting rate, also continuous operation in large steel mills
- All metals up to a tensile strength of 1400 N/mm<sup>2</sup> can be used

- Extended lifetime due to additional wear protection coating
- Less frequent blade changes and higher machine availability
- · Low vibration and smooth running
- · Reliable and efficient multi-machine operation

#### **Features**

- Tooth edge with special coating
- Back edge coating for low friction
- Optimum chip division due to special setting
- Wide variety of materials to be machined

#### **Advantages**

· High productivity and output



# **Technical Data**

Dimensions		Tooth pitch in tpi					
Width x thickness							
mm	Inch	2.5 - 3.4	1.8 - 2.5	1.4 - 1.8	1.2 - 1.6	1 - 1.4	0.7 - 1
27 x 0.90	1-1/16 x 0.035	K					
34 x 1.10	1-3/8 x 0.042	К	K				
41 x 1.30	1-5/8 x 0.050	К	K				
54 x 1.30	2-1/8 x 0.050	К					
54 x 1.60	2-1/8 x 0.063	К	K	К	K		
67 x 1.60	2-5/8 x 0.063			К	К	K	
80 x 1.60	3-1/8 x 0.063				K	K	K
Contact length	[mm] [Inch]	100-220 3.9-8.7	180-350 7.1-13.8	300-600 11.8-23.6	400-700 15.7-27.6	500-1000 19.7-39.4	900-2000 35.4-78.7

K = Hook tooth





# **Materials Overview**





- Case-hardening steels, spring steels and ball-bearing steels
- Rust-proof and acid-resistant steels (ferretic)
- Nitrided steel, high-speed steel and tool steel
- · Construction, deep-drawn and machining steels
- · Carbon steels, and quenched and tempered steels
- Cast iron
- Aluminium / aluminium alloys
- · Non-ferrous metals