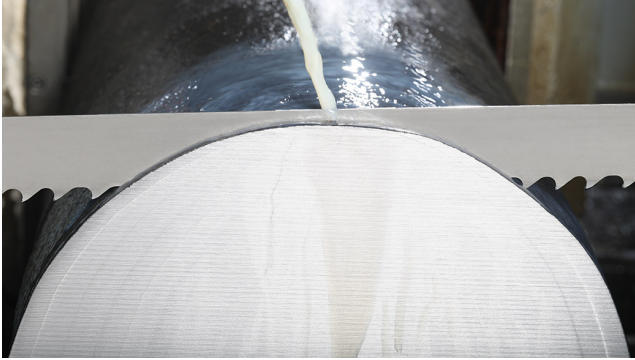


# MARADUR<sup>®</sup>

The Low-Cost Entry Into the WIKUS Carbide World for Solid Materials and Thick-Walled Pipes



⚙️ Product level 1

🔪 Hook tooth

● Solid materials

↕️ Band thickness 27 x 0.90 - 80 x 1.60 mm

↕️ Band thickness 1-1/16 x 0.035 – 3-1/8 x 0.063 Inch

## Product Information

### MARADUR<sup>®</sup> – The Low-Cost Entry Into the WIKUS Carbide World for Solid Materials and Thick-Walled Pipes

Discover MARADUR<sup>®</sup> – the new, versatile carbide band saw blade for entry into the world of WIKUS carbide

MARADUR<sup>®</sup> features impressive flexibility in the cutting of structural, tool, and tempering steels and is suitable for machining both solid materials and thick-walled pipes.

Thanks to cutting-edge production techniques, MARADUR<sup>®</sup> has many advantages:

- **No investment costs for your machinery:** Can also be used on machines without carbide package and with low motor power.
- **High-precision set toothing:** Ensures clean and precise cuts.
- **Innovative, precision-ground cutting geometry:** For high cutting performance.

Its specially set saw teeth make MARADUR<sup>®</sup> suitable for use on almost all machines, allowing even custo-

mers who have previously used bimetal band saw blades to benefit from the advantages of carbide band saw blades at an attractive price.

With MARADUR<sup>®</sup> you benefit from constant high tool quality “Made in Germany,” which ensures safety in the sawing process – and at a fair price.

### Areas of Application

#### Areas of Application

##### Applications:

- Solid materials and thick-walled tubes
- Construction, tool, and tempering steel

##### Advantages:

- Higher performance than a bimetal band saw blade, thereby making it the ideal entry-level product in the carbide portfolio
- Flexible use and long blade-life on different steels
- Low vibration and smooth running
- Resistant carbide and therefore robust cutting edges that can also withstand higher forces
- Less set-up time thanks to longer blade-life and higher durability than classic bimetal products

### Features

- Carbide with set tooth geometry for use on almost all machines – even without carbide package
- Innovative precision-ground cutting geometry
- Positive rake angle to reduce cutting forces

## 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 - 1.4	0.7 - 1
27 x 0.90	1-1/16 x 0.035	K	K			
34 x 1.10	1-3/8 x 0.042	K	K			
41 x 1.30	1-5/8 x 0.042	K	K	K		
54 x 1.60	2-1/8 x 0.063		K	K	K	
67 x 1.60	2-5/8 x 0.063			K	K	K
80 x 1.60	3-1/8 x 0.063				K	K
<b>Contact length</b>	<b>[mm]</b>	80-170	150-300	250-550	500-1000	700-1400
	<b>[Inch]</b>	3.1-6.7	5.9-11.8	9.8-21.6	19.7-39.4	27.6-55.1

K = claw tooth

Also available with a wide set width for an additional charge

## 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
- Tempered steels (over 1000 N/mm<sup>2</sup> / 32 HRC)
- Rust-proof and acid-resistant steels (austenitic)
- Cast iron