

# TAURUS<sup>®</sup>

The inexpensive entry-level band saw blade with great features



Product Level 1

Trapezoid 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

### TAURUS<sup>®</sup> – The inexpensive entry-level band saw blade with great features

Superior quality - and a good price-performance ratio? That's TAURUS<sup>®</sup>!

A carbide band saw blade that is suitable for cutting solid materials from all steels and non-ferrous metals and can also be used for machines without a carbide package - A true all-rounder for materials that can no longer be sawn with bimetals.

TAURUS<sup>®</sup> is competitively priced, yet offers all the features you need for efficient sawing. The innovative tooth geometry and the proven carbide cutting material ensure good surface quality and minimize post-processing.

#### Application

- All steels and non-ferrous metals
- Solid material

#### Advantages

- Inexpensive carbide band saw blade with multiple uses
- Also for band saw machines without carbide package
- Productivity increase in the event of capacity bottlenecks
- Low post-processing due to good cut surface quality

#### Features

- Innovative tooth geometry
- Proven carbide cutting material
- High cutting rate due to trapezoid tooth with positive rake angle
- variable tooth pitch

## Technical Data

Dimensions		Tooth pitch in tpi					
Width x thickness							
mm	Inch	3 - 4	2 - 3	1.7 - 2	1.4 - 2	1 - 1.4	0.7 - 1
27 x 0.90	1-1/16 x 0.035	T					
34 x 1.10	1-3/8 x 0.042	T	T				
41 x 1.30	1-5/8 x 0.050	T	T	T	T		
54 x 1.30	2-1/8 x 0.050	T	T	T	T		
54 x 1.60	2-1/8 x 0.063	T	T	T	T		
67 x 1.60	2-5/8 x 0.063			T	T	T	
80 x 1.60	3-1/8 x 0.063					T	T
<b>Contact length</b>	<b>[mm]</b>	80-170	150-300	250-370	290-550	500-1000	900-2000
	<b>[Inch]</b>	3.1-6.7	5.9-11.8	9.8-14.6	11.4-21.6	19.7-39.4	35.4-78.7

T = Trapezoid tooth

## Materials Overview



- Case-hardening steels, spring steels and ball-bearing steels
- Rust-proof and acid-resistant steels (ferretic)
- Nickel-based alloys
- Nitrided steel, high-speed steel and tool steel
- Titanium / titanium alloys
- 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)
- Duplex and heat-resistant steels
- Cast iron
- Aluminium / aluminium alloys
- Aluminium bronzes
- Non-ferrous metals