

# FUTURA<sup>®</sup>

The powerful best seller band saw blade



⊕ Product level 3

📐 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

### FUTURA<sup>®</sup> – The powerful best seller band saw blade

On modern band sawing machines suitable for carbide, FUTURA<sup>®</sup> unleashes its full potential, especially for multiple cuts on structural, case-hardened, quenched and tempered, and carbon steels.

On modern carbide-suitable band sawing machines, FUTURA<sup>®</sup> unleashes its full potential, especially for multiple cuts on structural, case-hardened, tempering, and carbon steels. Thanks to these benefits, the FUTURA<sup>®</sup> is suitable for customers with excellent standards.

### Application Range

#### Application

- Case-hardening, tempering and toolsteels
- Suitable for multiple cuts in the material mix

#### Advantages

- Very high cutting performance and thus productivity
- High wear resistance and thus long lifetime

- Very smooth and quiet running, low cutting forces and straight cuts

#### Features

- Polished trapezoid tooth with positive rake angle
- Optimized chip division

## Technical Data (1/2)

Dimensions		Tooth pitch in tpi					
Width x thickness							
mm	Inch	3 - 4	2 - 3	1.7 - 2	1.4 - 2	1.2 - 1.6	1 - 1.4
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		
54 x 1.60	2-1/8 x 0.063		T	T	T	T	T
67 x 1.60	2-5/8 x 0.063		T		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	400-750	500-1000
	<b>[Inch]</b>	3.1-6.7	5.9-11.8	9.8-14.6	11.4-21.6	15.7-29.5	19.7-39.4

T = Trapezoid tooth

## Technical Data (2/2)

Dimensions		Tooth pitch in tpi
Width x thickness		
mm	Inch	0.85 - 1.15
27 x 0.90	1-1/16 x 0.035	
34 x 1.10	1-3/8 x 0.042	
41 x 1.30	1-5/8 x 0.050	
54 x 1.30	2-1/8 x 0.050	
54 x 1.60	2-1/8 x 0.063	
67 x 1.60	2-5/8 x 0.063	T
80 x 1.60	3-1/8 x 0.063	T
<b>Contact length</b>	<b>[mm]</b>	700-1400
	<b>[Inch]</b>	27.6-55.1

T = Trapezoid tooth

## Materials Overview



- Case-hardening steels, spring steels and ball-bearing steels
- Nitrided steel, high-speed steel and tool steel
- Construction, deep-drawn and machining steels
- Carbon steels, and quenched and tempered steels
- Cast iron