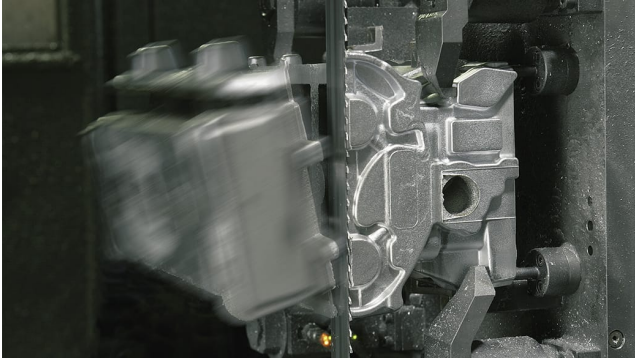


# FUTURA<sup>®</sup> NE

The high-performance bestseller for non-ferrous metals



⊕ 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



### The high-performance bestseller for non-ferrous metals

#### Applications

- Aluminum mould and die castings, aluminum ingots and aluminum milling products
- Copper and copper alloys

#### Advantages

- Short clock rates and outstanding productivity due to high cutting performance
- Low material allowance by optimal surface quality
- Process reliability by high resistance against abrasion

#### Features

- Tooth edges made of specific carbide to prevent abrasion
- Ground trapezoid tooth with positive rake angle
- Optimal chip division for performance and surface quality

## Technical Data

Dimensions		Tooth pitch in ZpZ				
Width x thickness						
mm	Inch	3-4	2-3	1.4-2	0.85-1.15	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	T		
41 x 1.30	1-5/8 x 0.050		T	T		
54 x 1.30	2-1/8 x 0.050			T		
54 x 1.60	2-1/8 x 0.063			T	T	T
67 x 1.60	2-5/8 x 0.063			T		
80 x 1.60	3-1/8 x 0.063				T	T
<b>Contact length</b>	<b>[mm]</b>	80-170	150-300	290-550	700-1400	900-2000
	<b>[Inch]</b>	3.1-6.7	5.9-11.8	11.4-21.6	27.6-55.1	35.4-78.7

T = Trapezoid tooth

## Materials Overview



- Aluminium / aluminium alloys
- Non-ferrous metals