

# ARION<sup>®</sup> FG

The Royal Class of Band Sawing



Product Level S

Trapezoid tooth

Solid materials

Band width 54 x 1.1 - 100 x 1.1mm

## Product Information



### The Royal Class of Band Sawing

Discover the royal class of band sawing: with ARION<sup>®</sup> FG and its wear-resistant hard coating. With its carbide band saw blade, WIKUS has created a high-performance sawing tool that delivers maximum cutting power, shorter cutting times, and minimal cutting costs and material waste during the sawing process. Thanks to thin-cutting technology, users can benefit from maximum productivity and cost-effectiveness, especially when cutting steels.

### Application Range

#### Application:

- Large series and mass cutting processes on high performance sawing machines
- Short piece production of solid materials, structural, case-hardened and tempering steels as well as cast iron
- Forging technology

#### Advantages:

- Extremely high cutting rate in continuous operation
- Significantly reduced cutting time and highest productivity
- Low material loss due to thin-cut technology and thereby savings in costs and production process
- Precise flatness of the cutting surfaces
- Excellent efficiency by high blade-life

#### Features:

- Carbide cutting edge with very wear-resistant grade
- Polished trapezoid tooth (FUTURA<sup>®</sup> geometry)
- Thin-cutting technology with very high blade stability
- Wear-resistant multi-layer hard coating on tooth edges and back edges

## Technical Data

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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
54 x 1.10	2-1/8 x 0.042	T	T	T	T		
67 x 1.10	2-5/8 x 0.042		T	T	T	T	
80 x 1.10	3-1/8 x 0.042				T	T	
100 x 1.10	4 x 0.042		T		T		T
Contact length	[mm]	90-150	130-250	200-300	250-500	500-800	800-2000
	[Inch]	3.5-5.9	5.1-9.8	7.9-11.8	9.8-19.7	19.7-31.5	31.5-78.7

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