

# ARION<sup>®</sup> FG

The premium class of band sawing



- ▲ Product Level S
- ▭ Trapezoid tooth
- Solid materials
- ⇄ Band width 54 x 1.1 - 100 x 1.1mm

## Product Information



### The premium class of band sawing

#### Application:

- Solid materials, structural, case-hardened and tempering steels
- Large-scale production and mass cuts on heavy duty sawing machines

#### Advantages:

- Utmost productivity by maximum cutting performance
- Low material loss by thin-cutting technology
- Excellent efficiency by high blade-life
- Precise flatness of the cutting surface

#### Features:

- Carbide-tipped tooth edge with extremely wear-resistant hard material coating
- Ground trapezoid tooth (FUTURA<sup>®</sup> geometry)
- Thin-cutting technology with extraordinary blade stability

## Technical Data

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Dimensions		Tooth pitch in ZpZ					
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	T	
80 x 1.10	3-1/8 x 0.042		T		T	T	
100 x 1.10	4 x 0.042		T		T	T	T
<b>Contact length</b>	<b>[mm]</b>	90-150	130-250	200-300	250-500	500-800	800-2000
	<b>[Inch]</b>	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-hardened 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