

TCTYRE[®]

The special band saw blade for rubber and metal composites



Product Level S

Trapezoid tooth

Tyres

Band width 27 x 0.9 - 54 x 1.6mm

Product Information



TCTYRE[®] – The special band saw blade for rubber and metal composites

Composites of rubber and metal are mainly used as materials for vehicle tires and sheathed cables. WIKUS has developed the TCTYRE[®] carbide band saw blade especially for cutting such material combinations.

The TCTYRE[®] band saw blade provides reliable service in quality controls for the production of rubber composite items from car, truck, tractor, to large machine tires. The clean, straight cutting surfaces of the band saw blade excel in quality controls.

An additional field of application is the shredding and recycling of used tires and discarded cables. The shredding of scrap material is a prerequisite for recovering the metals it contains and positioning the rubber for further recycling.

Application

- for quality analysis of tires of all kinds

- For the economical comminution of rubber composite material

Advantages

- Very long lifetime and cutting rate even with larger than average tyres
- Vibration-resistant cut due to variable tooth pitch
- Very clean and good cutting surface for direct quality analysis

Features

- Carbide cutting edge with high wear resistance
- Optimized cutting edge geometry with variable tooth pitch for significantly reduced cutting force

Technical Data

Dimensions		Tooth pitch in tpi	
Width x thickness			
mm	Inch	3 - 4	2 - 3
27 x 0.90	1-1/16 x 0.035	T	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
54 x 1.30	2-1/8 x 0.050		T
54 x 1.60	2-1/8 x 0.063		T
Contact length	[mm]	90-150	150-270
	[Inch]	3.5-5.9	5.9-10.6

T = Trapezoid tooth

Materials Overview



- Tyres