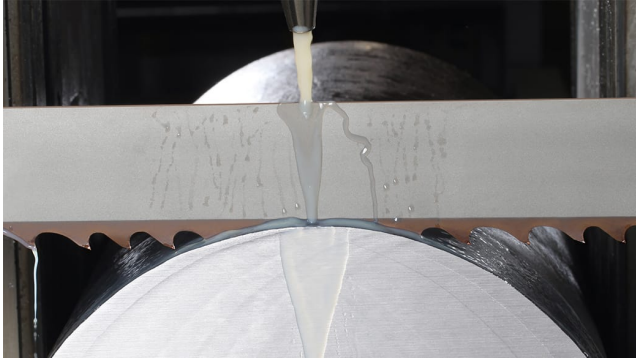


DUROSET[®] PREMIUM

The sturdy all-round band saw blade coated with hard material



- ⚙ Product level 2
- 🪚 Hook tooth
- Solid materials
- ↕ Band width 34 x 1.1 - 80 x 1.6mm
Band width 1-3/8 x 0.042 - 3-1/8 x 0.063 Inch

Product Information

DUROSET[®] PREMIUM – The robust all-rounder band saw blade with hard coating

The DUROSET[®] PREMIUM owes its extreme robustness to the innovative, precision-ground cutting geometry in combination with a special limitation.

To reduce friction, the back edge of the DUROSET[®] PREMIUM is additionally provided with a hard coating. It offers even greater protection against wear.

Application

- All steels, forged and scaled surfaces
- Tempered materials with tensile strength greater than 1000N/mm²
- Aluminium bronze and cast iron
- Solid materials and thick-walled tubes and profiles
- Large block machining

Advantages

- Impressive increase in productivity

- Capacity potentials in bottlenecks
- Particularly high wear resistance and blade-life
- Low-vibration and smooth running due to variable tooth pitch
- High cutting rate for even shorter cutting times

Features

- Special hard coating for steel machining
- Additional back edge coating for lower friction
- Carbide tips in special geometry with positive rake angle for universal

Technical Data

Dimensions		Tooth pitch in tpi			
Width x thickness					
mm	Inch	1.8 - 2.5	1.4 - 1.8	1 - 1.4	0.7 - 1
34 x 1.10	1-3/8 x 0.042	K			
41 x 1.30	1-5/8 x 0.050	K			
54 x 1.60	2-1/8 x 0.063	K			
67 x 1.60	2-5/8 x 0.063		K	K	
80 x 1.60	3-1/8 x 0.063			K	K
Contact length	[mm]	180-350	300-700	500-1000	900-2000
	[Inch]	7.1-13.8	11.8-27.5	19.7-39.4	35.4-78.7

K = Hook tooth

Materials Overview



- Case-hardening steels, spring steels and ball-bearing steels
- Rust-proof and acid-resistant steels (ferretic)
- Nickel-based alloys
- Nitrided steel, high-speed steel and tool steel
- Titanium / titanium alloys
- Construction, deep-drawn and machining steels
- Carbon steels, and quenched and tempered steels
- Tempered steels (over 1000 N/mm² / 32 HRC)
- Rust-proof and acid-resistant steels (austenitic)
- Duplex and heat-resistant steels
- Cast iron
- Aluminium bronzes