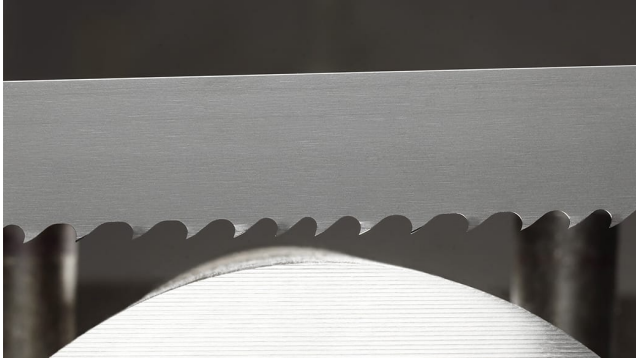


SELEKTA[®] GS M42

High performance with Superfinishing



⊕ Product level 3

🪚 Hook 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



SELEKTA[®] GS M42 – High performance with Superfinishing

Applications

- Metals up to 1000 N/mm² tensile strength
- High cutting rate with small and large solid material

Advantages

- Low finishing due to perfect surface quality
- Low material allowance by exact gating
- Short cutting time by high performance

Features

- Patented performance and surface teeth
- M42 cutting edge with extra positive rake angle

Technical Data

Dimensions		Tooth pitch in tpi				
Width x thickness						
mm	Inch	4 - 6	3 - 4	2 - 3	1.4 - 2	1 - 1.4
27 x 0.90	1-1/16 x 0.035	K	K	K		
34 x 1.10	1-3/8 x 0.042	K	K	K		
41 x 0.90	1-5/8 x 0.035			K		
41 x 1.30	1-5/8 x 0.050	K	K	K	K	
54 x 1.30	2-1/8 x 0.050		K	K	K	
54 x 1.60	2-1/8 x 0.063		K	K	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]	50-100	80-170	150-300	250-550	500-1000
	[Inch]	2-3.9	3.1-6.7	5.9-11.8	9.8-21.6	19.7-39.4

K = Hook tooth

*Optimised superfinish:

From now on, this dimension will be changed to the new inline production. This gives the saw band a high quality finish in the form of a shiny, smooth surface. The fine band surface protects the band guides of the machine and increases the fatigue strength. The other dimensions will be successively tightened.

Materials Overview



- Case-hardening steels, spring steels and ball-bearing steels
- Rust-proof and acid-resistant steels (ferretic)
- Nitrided steel, high-speed steel and tool steel
- Construction, deep-drawn and machining steels
- Carbon steels, and quenched and tempered steels
- Cast iron
- Aluminium / Si-alloys
- Non-ferrous metals