

SELEKTA® GS PREMIUM M42

High performance, Superfinishing and extra blade-life



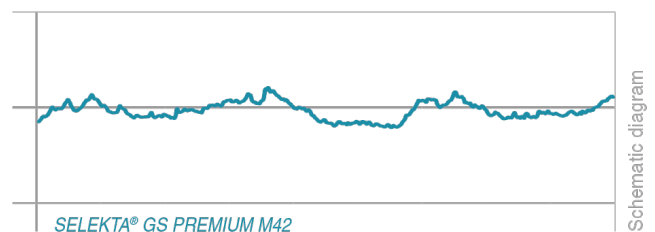
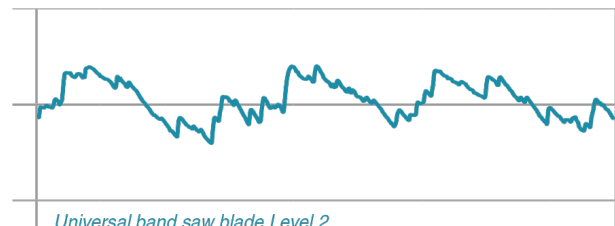
- Ⓐ Product level 3
- 📐 Hook tooth
- Solid materials
- ↕ Band width 34 x 1.1 - 67 x 1.6mm
Band width 1-3/8 x 0.042 - 2-5/8 x 0.063 Inch

Product Information

High performance, Superfinishing and extra blade-life

With the new development of the hard material-coated version of SELEKTA® GS M42 we meet high requirements on performance and lifetime.

With the special coating in combination with the patented tooth geometry it is possible to achieve a considerable increase of blade-life compared to the uncoated version. The cutting performance is at least the same. Furthermore, the processed material is characterized by a high surface quality.



Roughness of the sawn surface

Application Range

Applications

- Solid material
- Metals up to 1400 N/mm² tensile strength

Features

- M42 tooth edge with special coating
- Patented performance and surface teeth
- Back edge coating for less friction
- Smooth, low vibration and very long running

Your advantages at a glance



High Cutting Performance

due to patented performance and surface teeth



High Efficiency

due to an excellent blade-life



Low Finishing

due to perfect surface quality



Lower Material Allowance

by exact gating



Low Friction

due to back edge coating

Technical Data

Dimensions		Tooth pitch in tpi			
Width x thickness					
mm	Inch	3 - 4	2 - 3	1.4 - 2	1 - 1.4
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	K	
67 x 1.60	2-5/8 x 0.063			K	
80 x 1.60	3-1/8 x 0.063				K
Contact length	[mm]	80-170	150-300	250-550	500-1000
	[Inch]	3.1-6.7	5.9-11.8	9.8-21.6	19.7-39.4

K = Hook tooth

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 / aluminium alloys
- Non-ferrous metals