

# SELEKTA<sup>®</sup> 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



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.

### High performance, Superfinishing and extra blade-life

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

## 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

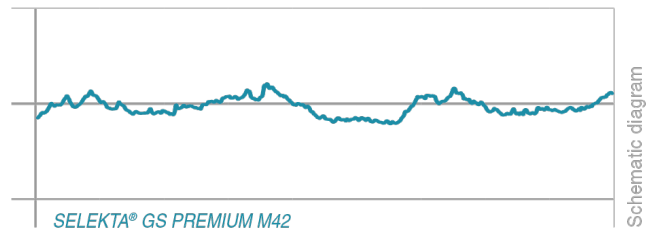
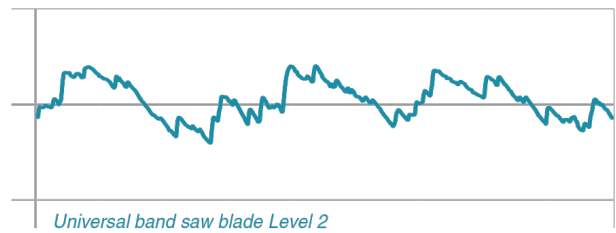
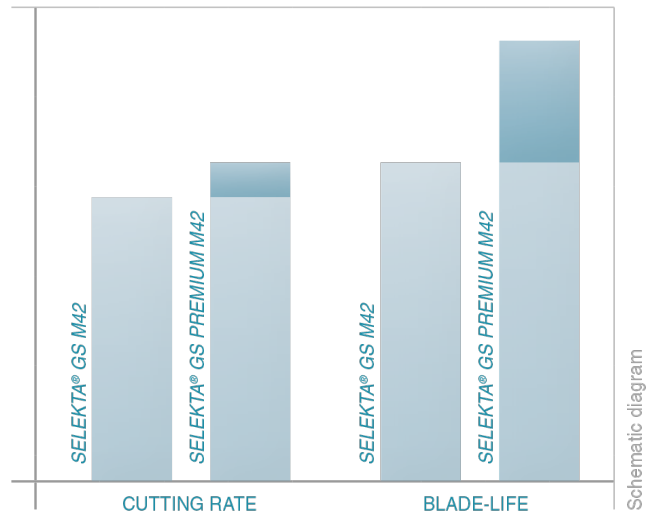


**low friction**

due to back edge coating



- Smooth, low vibration and very long running



## Application Range

### Applications

- solid material
- metals up to 1400 N/mm<sup>2</sup> tensile strength

### Features

- M42 tooth edge with special coating
- patented performance and surface teeth
- back edge coating for less friction

## Technical Data

Dimensions		Tooth pitch in ZpZ			
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
<b>Contact length</b>	<b>[mm]</b>	80-170	150-300	250-550	500-1000
	<b>[Inch]</b>	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