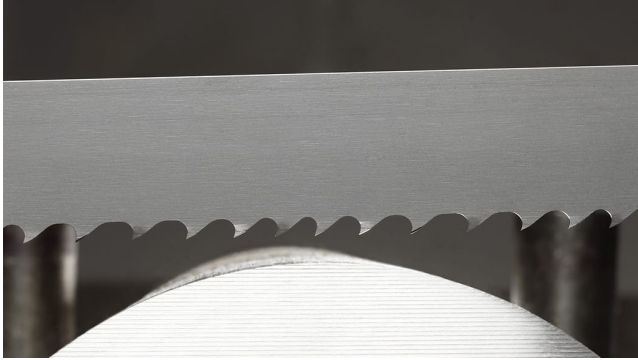


SELEKTA[®] GS M42

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 ZpZ | | | | |
|-----------------------|----------------|--------------------|---------|----------|----------|-----------|
| 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 | 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