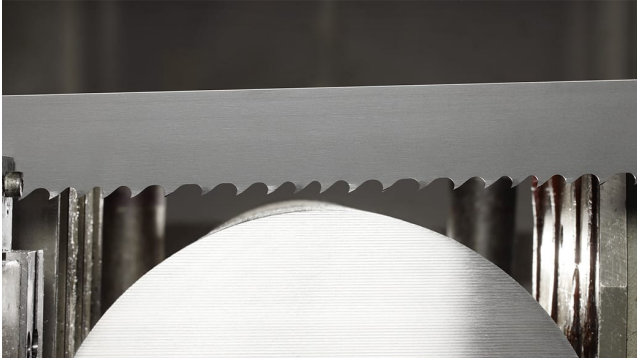


# SELEKTA<sup>®</sup> GS X3000<sup>®</sup>

High performance with Superfinishing for materials difficult to cut



▲ 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<sup>®</sup> GS X3000<sup>®</sup> – High performance with Superfinishing for materials difficult to cut

High- and ultra-high-alloy materials are a particular challenge for sawing tools. Our response: the SELEKTA<sup>®</sup> GS X3000<sup>®</sup>. The bimetal band saw blade with a special tooth sequence and ground guide teeth enables maximum surface quality and straightness in high-performance applications with hard-to-cut materials.

#### Applications

- Rust- and acid-resistant steels and alloys (austenitic)
- Duplex and heat-resistant steels
- For outstanding demands in surface quality and gating

#### Advantages

- Excellent productivity by short cutting times
- Fewer blade changes due to increased blade-life
- Perfect surfaces for low finishing

#### Features

- Tooth edge made of the cutting material X3000<sup>®</sup> with positive rake angle
- High cutting edge stability and high wear resistance
- Patented performance and surface teeth

## Technical Data

| Dimensions            |                | Tooth pitch in tpi |         |          |          |           |           |
|-----------------------|----------------|--------------------|---------|----------|----------|-----------|-----------|
| Width x thickness     |                |                    |         |          |          |           |           |
| mm                    | Inch           | 4 - 6              | 3 - 4   | 2 - 3    | 1.4 - 2  | 1 - 1.4   | 0.7 - 1   |
| 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 1.30             | 1-5/8 x 0.050  | K                  | K       | K        | K        |           |           |
| 54 x 1.30             | 2-1/8 x 0.050  |                    |         | 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        | K         |           |
| 80 x 1.60             | 3-1/8 x 0.063  |                    |         |          |          | K         | K         |
| <b>Contact length</b> | <b>[mm]</b>    | 50-100             | 80-170  | 150-300  | 250-550  | 500-1000  | 900-2000  |
|                       | <b>[Inch]</b>  | 2-3.9              | 3.1-6.7 | 5.9-11.8 | 9.8-21.6 | 19.7-39.4 | 35.4-78.7 |

K = Hook tooth

## Materials Overview



- Nickel-based alloys
- Titanium / titanium alloys
- Tempered steels (over 1000 N/mm<sup>2</sup> / 32 HRC)
- Rust-proof and acid-resistant steels (austenitic)
- Duplex and heat-resistant steels
- Aluminium bronzes