

Band Saw Tooth Pitches

Variable Pitch

- Varying gullet depth
- 0° Rake angle
- Variable tooth spacing

Advantages

- Excellent chip carrying capacity
- Reduces harmonic vibration

Benefits

- Improves blade life
- Reduces noise
- Cuts smoother & more efficiently



Variable Pitch Positive Rake

- Varying gullet depth
- Variable tooth spacing
- Positive rake angle

Advantages

- Better chip formation
- Excellent chip carrying capacity
- Reduces harmonic vibration
- More aggressive cutting

Benefits

- Cuts smoother, cuts faster
- Wide range of applications
- Reduces noise
- Easier chip generation



Standard Raker

- Equally spaced teeth
- 0° Rake angle

Advantages

- Excellent chip carrying capacity

Benefits

- General purpose



Skip

- Wide flat gullets
- 0° Rake angle
- Equally spaced teeth

Advantages

- Excellent chip carrying capacity
- Provide coarse pitch on narrow bands
- Flat gullets

Benefits

- Excellent cutting for non-metallic & non-ferrous applications, (wood, plastic, brass, copper, bronze & aluminum)
- Help break "stringy" chips



Hook

- Wide rounded gullets
- Equally spaced teeth
- Positive rake angle

Advantages

- Excellent chip carrying in non-metallic applications
- Positive rake provides better tip penetration with less feed pressure

Benefits

- Good cutting performance in discontinuous chip forming materials (cast iron)
- Fast cutting with good surface finish

