

CAST MASTER™

Superior Performance When Sawing Castings

EXCEPTIONAL BLADE LIFE IN HAND FED FOUNDRY APPLICATIONS

Sub-micron grade carbide designed for cutting aluminum and non-ferrous parts

Precision grind on the rake face prevents material build up on the tooth edge

CUTS PARTS FREELY WITH LIMITED FEED PRESSURE

Optimized rake angle and narrow kerf enable high speed cutting without pulling the part

Multi-chip tooth design reduces cutting forces and limits vibration

HIGH ALLOY BACKING STEEL INCREASES FATIGUE LIFE

Advanced backing steel preparation minimizes band breaks

| WIDTH X THICKNESS | | TPI | | |
|-------------------|-----------|-----|-----|-----|
| IN | MM | 2/3 | 3 | 3/4 |
| 3/4 x .035 | 19 x 0.90 | | • * | • |
| 1 x .035 | 27 x 0.90 | • | • * | |
| 1-1/4 x .042 | 34 x 1.07 | • | • | |
| 1-1/2 x .050 | 41 x 1.27 | • | | |

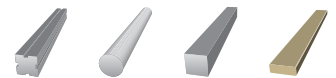
• Multi-chip Design

* Set Style (Cast Master SST)



APPLICATION

| | |
|--------------------------------|-----------------|
| Aluminum/ Non-Ferrous Castings | Wood Composites |
| Gates & Risers | |



CAST MASTER™ XL

Superior Performance in High Speed Aluminum Cutting Applications

LONG BLADE LIFE AT HIGH BAND SPEEDS

Special grade of carbide is designed to wear slowly when cutting aluminum

Multi-chip tooth pattern balances the chip load and reduces cutting forces

Next generation welding technology reduces premature tooth loss

Exceptional Part Finish at Increased

CUTTING RATES

Precision grind prevents material build up on the tooth edge

Teeth have sharp edges and high rake angles to penetrate easily and leave a smooth finish

STRAIGHT CUTS IN LARGE BLOCK APPLICATIONS

High alloy backing steel and fatigue resistant gullet geometry minimize the impact of wide guide spacing

| WIDTH x THICKNESS | | TPI | | | |
|-------------------|-----------|---------|---------|---------|-----|
| IN | MM | 0.6/0.8 | 0.9/1.1 | 1.4/2.0 | 2/3 |
| 1-1/4 x .042 | 34 x 1.07 | | | • | |
| 1-1/2 x .050 | 41 x 1.27 | | | •* | •* |
| 2 x .063 | 54 x 1.60 | | • | • | |
| 2-5/8 x .063 | 67 x 1.60 | | • | • | |
| 3 x .063 | 80 x 1.60 | • | • | | |

* CAST MASTER XLE - Spec designed for automated cutting of engine blocks



APPLICATION

| |
|---------------------------------|
| Aluminum / Non-Ferrous Castings |
| Engine Blocks |
| Gates & Risers |

