LENOX®

MAX CT™

Maximum Cutting Performance on Aerospace Alloys

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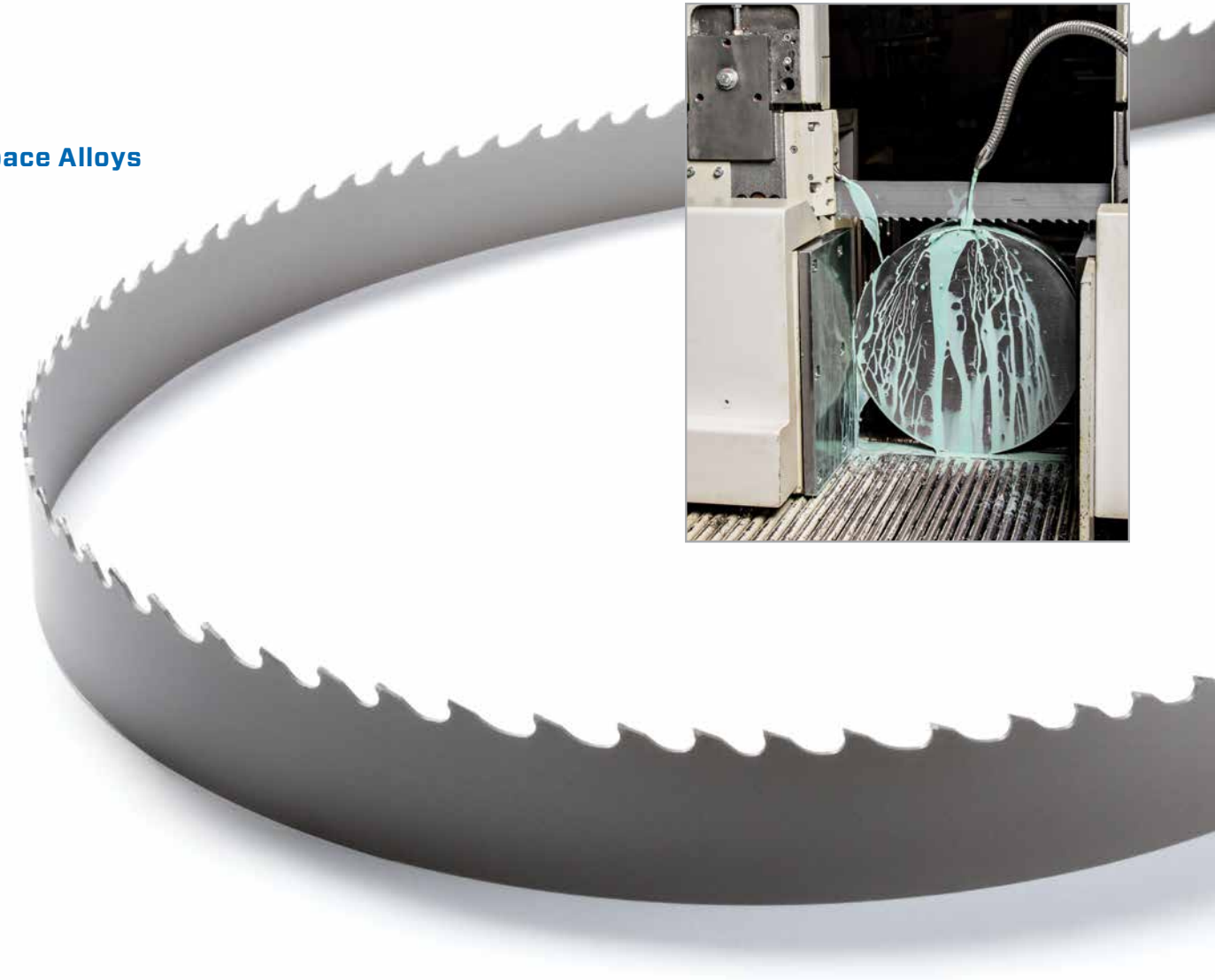
EXCEPTIONAL BLADE LIFE
Multi-chip tooth pattern balances the chip load and reduces cutting forces

Next generation welding technology prevents premature tooth loss

FASTER, STRAIGHTER CUTS
Aggressive rake angles aid in tooth penetration in difficult to cut metals

Optimized gullet geometry increases beam strength for straighter cuts

SUPERIOR PART FINISH
Precision ground carbides create razor sharp teeth for a mirror-like finish on cut parts

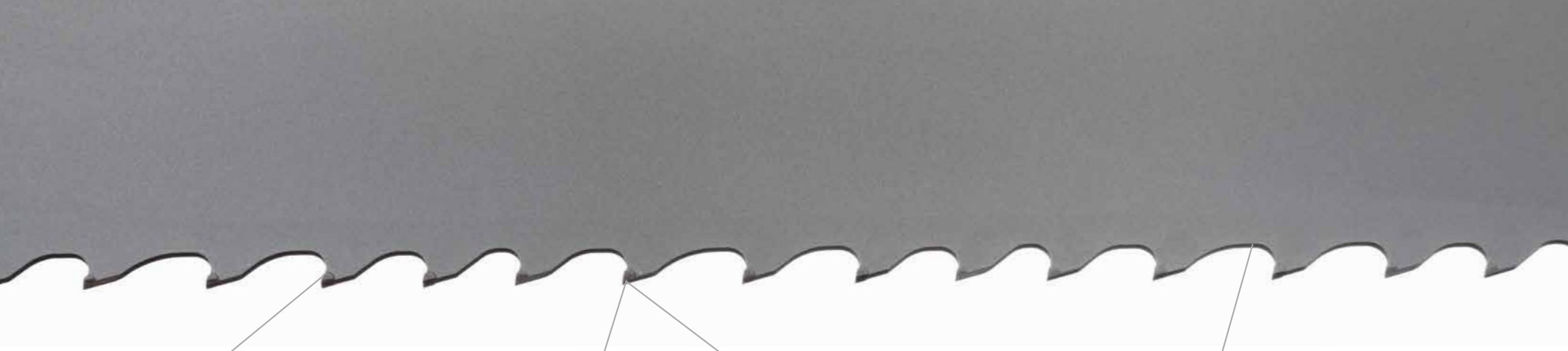


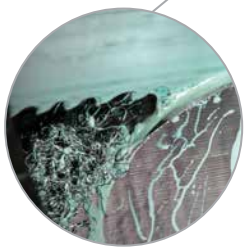
WIDTH X THICKNESS		TPI			
INCH	MM	0.9/1.1	1.0/1.4	1.4/2.0	2/3
1-1/4 x .042	34 x 1.07				◆
1-1/2 x .050	41 x 1.27			◆	◆
2 x .050	54 x 1.27			◆	◆
2 x .063	54 x 1.60	◆	◆	◆	◆
2-5/8 x .063	67 x 1.60	◆	◆	◆	
3 x .063	80 x 1.60	◆			

MERCURIZED

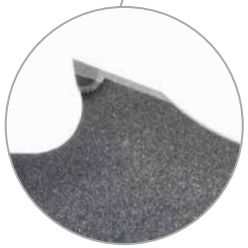
APPLICATION

Nickel-Based Alloys (Inconel®)
Stainless Steels
Tool Steels
Titanium Alloys



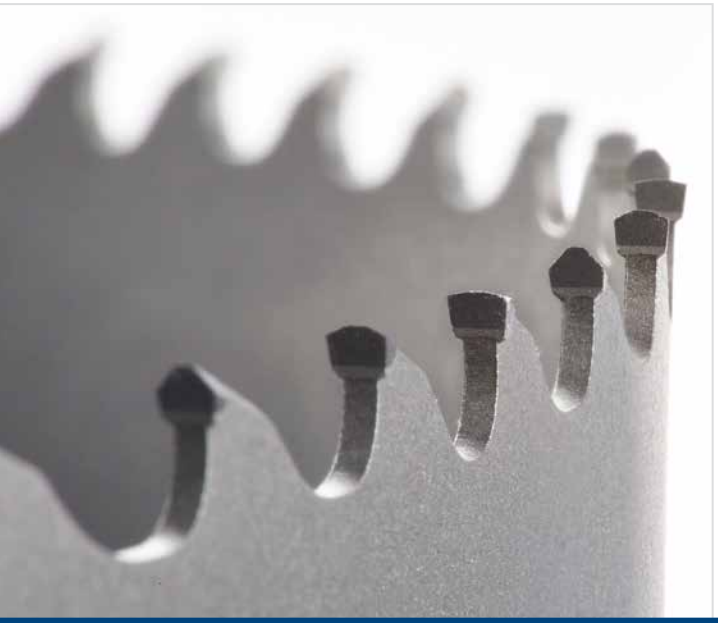


AGGRESSIVE RAKE ANGLE
High rake angles increase the shear plane angle, reducing cutting forces and aiding tooth penetration



SHARPER TEETH
Advanced grinding techniques create clean, sharp edges that deliver superior part finish and quieter cutting

NEW GULLET DESIGN
Optimized gullet geometry reduces stress concentrations, which delivers straighter cuts and longer fatigue life



MULTI-CHIP TOOTH DESIGN
The three tooth pattern produces five chips to balance the chip load and reduce cutting forces, leading to longer blade life and superior part finish

CARBIDE TOOTH SELECTION

WIDTH OR DIAMETER OF CUT														
INCHES	1	2	3	4	5	6	7	8	10	11	14	16	18	20
MM	25	50	75	100	125	150	175	200	250	275	350	400	450	500+
						0.9/1.1 TPI								
					1.0/1.4 TPI									
				1.4/2.0 TPI										
			2/3 TPI											

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