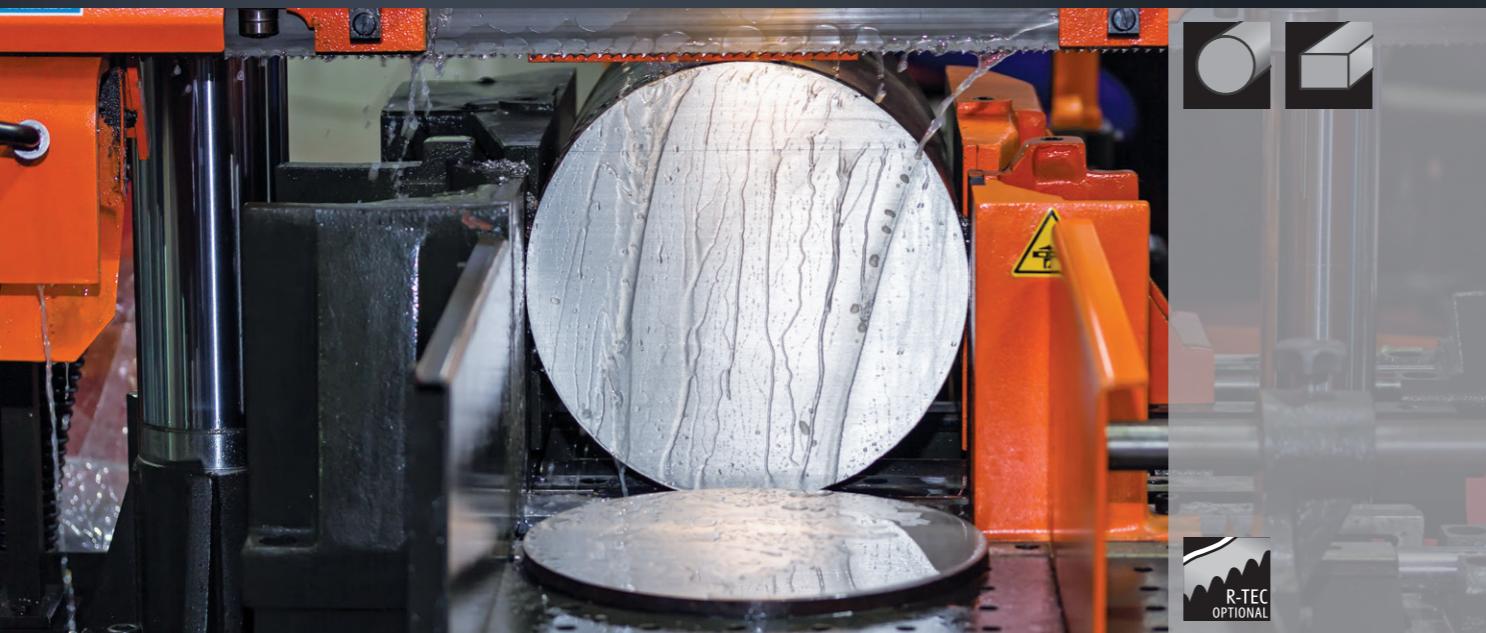


AEROSPACE/PRECISION METAL WORKING

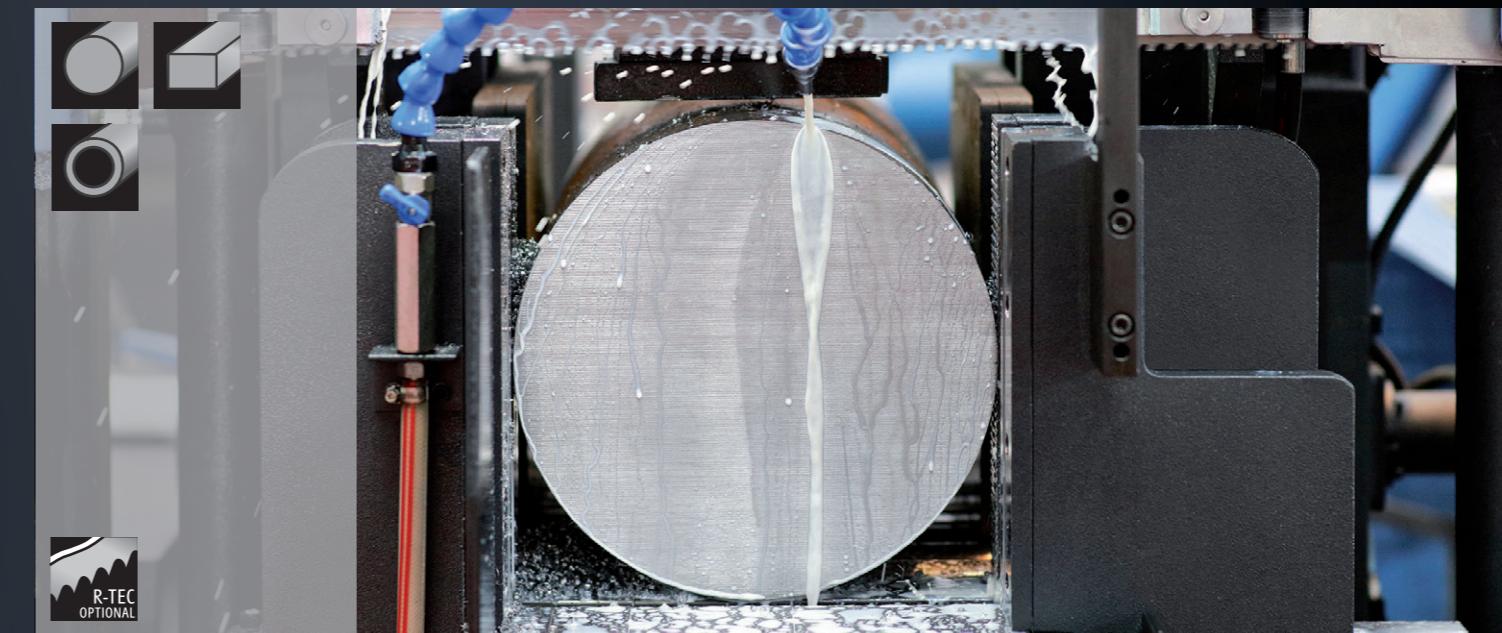
626 BLACK-LINE TC



- Robust Triple chip geometry for consistent performance
- Positive tooth angle with high-low tooth design for increased penetration
- Carbide grade with high resistance

AEROSPACE/PRECISION METAL WORKING,
STEEL MANUFACTURING

622 BLACK-LINE S



- Modified triple chip geometry combined with set teeth
- Wide kerf to create excellent cut stability
- Robust performance in all machine types

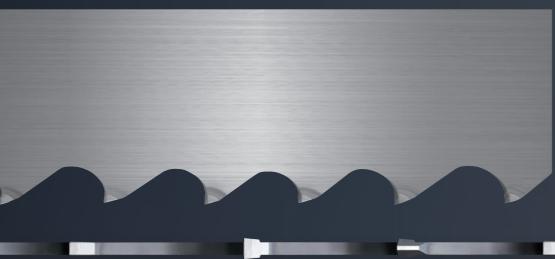
Dimensions		Tooth				
mm	inch	0,75/1,25	1/1,3	1,4/2	2/3	3/4
27 x 0,90	1 x .035				■	■
34 x 1,10	1 1/4 x .042				■	■
41 x 1,30	1 1/2 x .050			■	■	
54 x 1,30	2 x .050			■	■	■
54 x 1,60	2 x .063		■	■	■	■
67 x 1,60	2 5/8 x .063	■	■			
80 x 1,60	3 x .063	■	■			

STEEL MANUFACTURING

650 SILVER-LINE



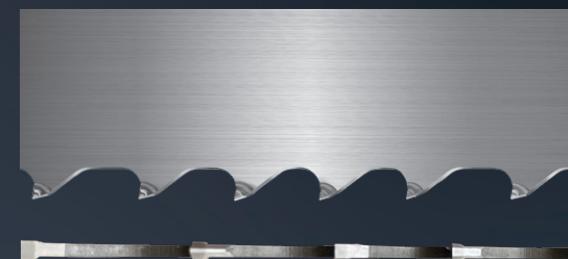
- Multi-chip design
- Developed for fast band speeds
- High positive rake angle to increase penetration



Dimensions		Tooth			
mm	inch	1/1,3	1,4/2	2/3	3/4
34 x 1,10	1 1/4 x .042			■	
41 x 1,30	1 1/2 x .050		■	■	
54 x 1,30	2 x .050			■	■
54 x 1,60	2 x .063		■	■	■
67 x 1,60	2 5/8 x .063	■	■		
80 x 1,60	3 x .063		■		



- High performance chrome backer with enhanced carbide grade for maximum performance
- Multi-chip geometry to provide faster cutting times
- High positive rake angle to increase penetration



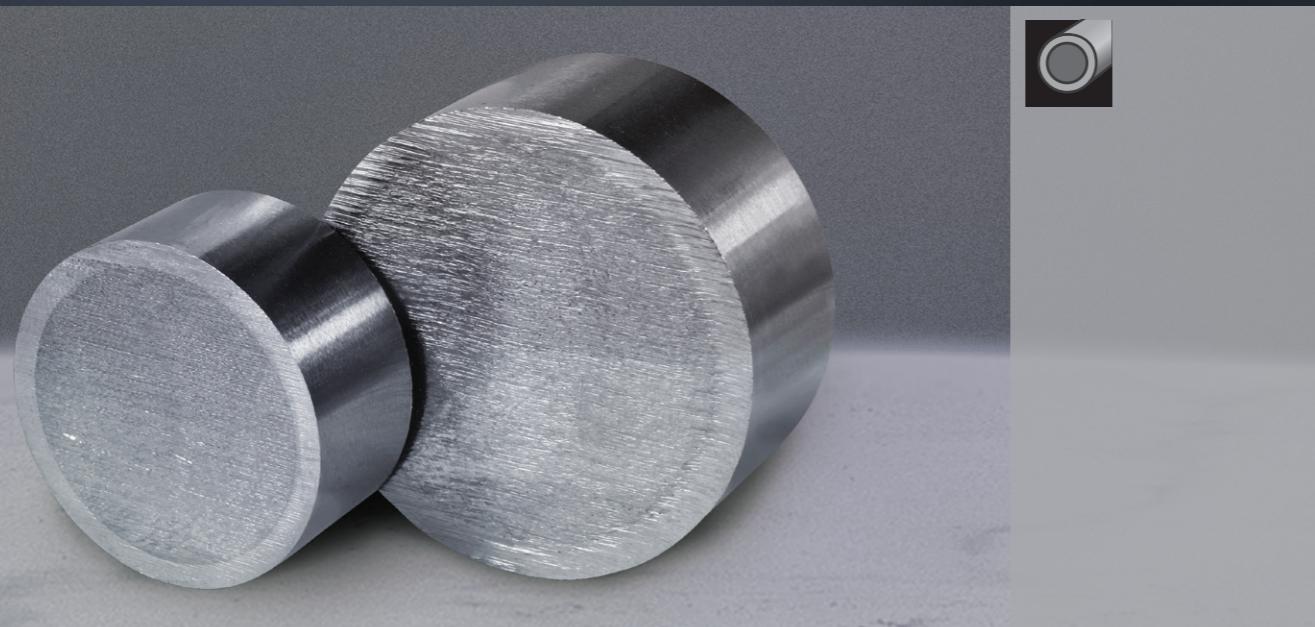
Dimensions		Tooth			
mm	inch	0,75/1,25	1/1,3	1,4/2	2/3
41 x 1,30	1 1/2 x .050			■	■
54 x 1,60	2 x .063		■	■	■
67 x 1,60	2 5/8 x .063	■	■	■	
80 x 1,60	3 x .063	■	■		

STEEL MANUFACTURING, AEROSPACE/PRECISION METAL WORKING

660 SL-9

SPECIAL APPLICATIONS

651 SILVER-LINE N



- The expert for surface hardened workpieces
- Special blade with negative rake angle
- Multi chip geometry for highest cutting performance

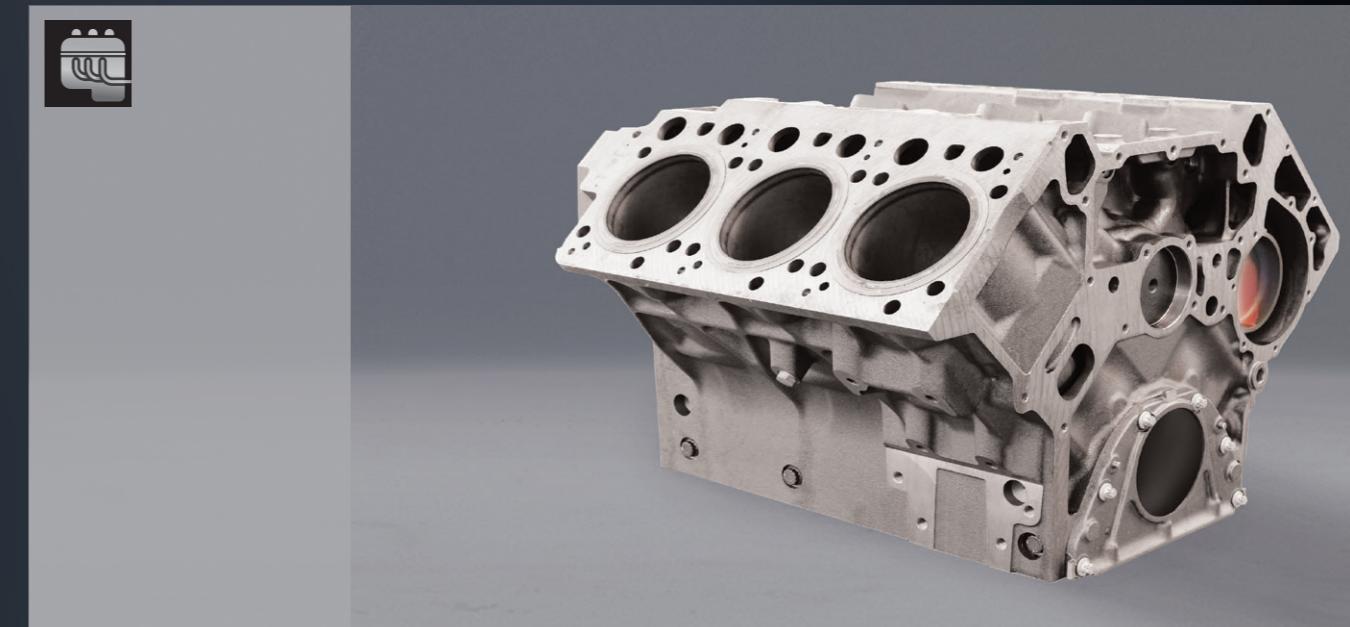
Carbide Tipped

Carbide Tipped

Arntz

RECYCLING/FOUNDRIES,
AUTOMOTIVE/TRANSPORTATION

643 ALU-LINE



- Triple chip design
- Carbide grade designed for high abrasion
- Developed for high-speed nonferrous applications



Dimensions		Tooth	
mm	inch	2/3	3/4
27 x 0,90	1 x .035		■
34 x 1,10	1 1/4 x .042		■
41 x 1,30	1 1/2 x .050	■	■

Dimensions		Tooth					
mm	inch	0,65/0,95	0,75/1,25	1,4/2	2/3	3	3/4
20 x 0,90	3/4 x .035					■	
27 x 0,90	1 x .035				■	■	■
34 x 1,10	1 1/4 x .042			■	■		■
41 x 1,30	1 1/2 x .050			■	■		■
54 x 1,30	2 x .050			■	■		
54 x 1,60	2 x .063	■	■				
67 x 1,60	2 5/8 x .063	■	■	■			
80 x 1,60	3 x .063	■	■				