

# BI-ALFA

## MASTER SUPREME

High-alloyed materials are extremely demanding on all cutting tools. The Roentgen Master Supreme provides a cost effective solution for these difficult applications. M51 cutting tips together with a special tooth geometry provides the perfect solution for high alloyed and exotic materials.

Master Supreme is especially suited to cut large cross sections, therefore it is the ideal solution for steel service centers and forges.

### ROENTGEN MASTER SUPREME

Precise perpendicular cut with excellent surface finish on the most difficult-to-cut-materials.

The doubled-sided chamfered pre-cutter ensures absolute straight cutting, while a pair of lower set finishing teeth keep the cutting channel open. Resulting in a clean and smooth cutting surface.

### HIGH EFFICIENCY

HSS-M51 tooth tips allow to cut materials with a hardness of up to 50 HRc (1600 N/mm<sup>2</sup>). Together with an aggressive cutting angle of 16°, it is the ideal combination to cut high alloyed and exotic materials on larger cross sections.

### LONGER BLADE LIFE

The high heat and mechanical wear resistance of HSS-M51 cutting tips ensure excellent blade life, when cutting high alloyed and exotic materials.

### MASTER-TOOTH

#### TOOTH FORM



This special development consists of ground tooth tips: chamfered pre-cutter and lower finishing tooth tips. The Master-Tooth is particularly suitable for cutting exotic alloys.

### APPLICATION AREAS



**BI-ALFA**  
 MASTER SUPREME

### Teeth per inch

	0,6/0,7	0,75/1,25	1,1/1,6	1,5/2	2/3	3/4
34 x 1,1					■	■
41 x 1,3				■	■	
54 x 1,3				■	■	
54 x 1,6			■	■	■	
67 x 1,6		■	■	■		
80 x 1,6		■	■			
100 x 1,6	■	■				

Band saw blade width x thickness (mm)