

# SERMAS BAND BLADES

## HIGH-PERFORMANCE SAWING



SERMAS INDUSTRIE has developed a whole range of **consumables dedicated to the aluminium industry** to meet highest technical requirements of its customers.

All our blades are designed to offer **optimized consumption and high-quality surface finish** of the products to be cut.

Combining with use of lubrication system SERMALUBE®, you will rise **profitability of your sawing process**.



### BENEFITS



#### PERFORMANCE

up to **+50%**  
productivity\*



#### QUALITY

better  
**SURFACE FINISH\***



#### LONGEVITY

up to **+100%**  
lifetime\*

### RANGE OF PRODUCTS

REFERENCE	SECTIONS & DIMENSIONS	SERMAS RECOMMENDATION FOR APPLICATION
<b>BEST!</b> <b>SUPERSET®</b> (carbide teeth)	<ul style="list-style-type: none"> <li>Section 34 x 1.1 mm to 100 x 1.6 mm</li> <li>Any tooth pitch available</li> <li>Customized length</li> </ul>	<ul style="list-style-type: none"> <li>Top-quality blade suitable for plate production (slicing) and slabs sawing</li> <li>Tooth design developed for high-productivity in aluminium</li> <li>High longevity (optimized cost / m<sup>2</sup> (sq.m) cut)</li> </ul>
<b>BEST!</b> <b>RECTISET®</b> (carbide teeth)	<ul style="list-style-type: none"> <li>Section 41 x 1.3 mm to 100 x 1.6 mm</li> <li>Large tooth pitch</li> <li>Customized length</li> </ul>	<ul style="list-style-type: none"> <li>Top-quality blade recommended for plate production (slicing) and intensive production</li> <li>Exclusive design with reduced cut thickness:                             <ul style="list-style-type: none"> <li>- lower power consumption</li> <li>- higher cutting rate</li> <li>- chip savings (reduced loss of material)</li> </ul> </li> <li>High longevity (optimized cost / m<sup>2</sup> (sq.m) cut)</li> </ul>
<b>SIMPLE SET®</b> (carbide teeth)	<ul style="list-style-type: none"> <li>Section 34 x 1.1 mm to 54 x 1.6 mm</li> <li>Any tooth pitch</li> <li>Customized length</li> </ul>	<ul style="list-style-type: none"> <li>Polyvalent carbide blade adapted for high-productivity</li> <li>Suitable for small to large-size products</li> <li>Recommended for head &amp; foot vertical sawing</li> </ul>
<b>SERMAS ALU</b> (carbide teeth)	<ul style="list-style-type: none"> <li>Section 41 x 1.1 mm (<b>EXCLUSIVITY</b>)</li> <li>Specific tooth pitch 1.1 - 1.6 tpi</li> <li>Customized length</li> </ul>	<ul style="list-style-type: none"> <li>Exclusive section for vertical sawing of large aluminium products</li> <li>Large tooth pitch for high productivity</li> <li>Reduced cut thickness (cut kerf) for chips savings</li> </ul>
<b>LABIVA®</b> & <b>LABIFIX®</b> (bimetal)	<ul style="list-style-type: none"> <li>Section 34 x 1.1 mm to 100 x 1.6 mm</li> <li>Any tooth pitch</li> <li>Customized length</li> </ul>	<ul style="list-style-type: none"> <li>Economical and polyvalent solution for various applications</li> <li>Suitable for standard productivity requirements</li> <li>Large range of tooth pitches and designs available</li> </ul>

\* Based on estimations during tests in production under supervision of SERMAS® expert with use of SERMAS® lubricants and band-saw blades.