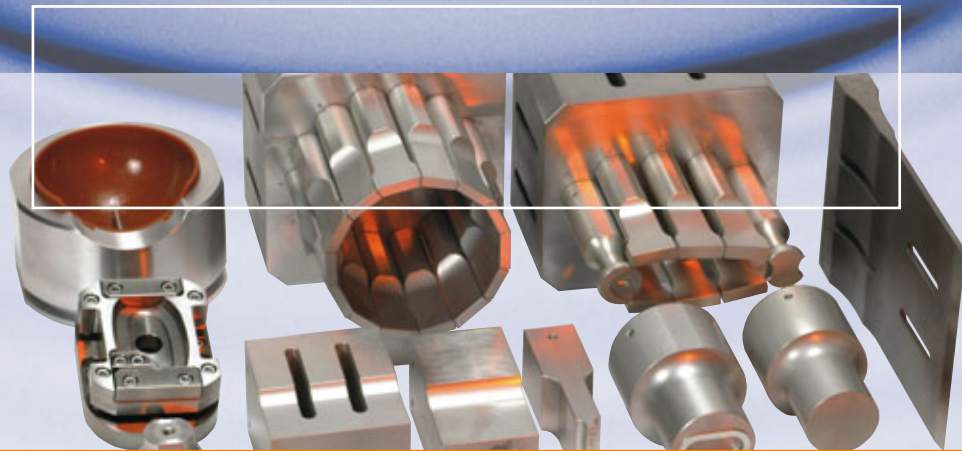




The Acoustic Ones

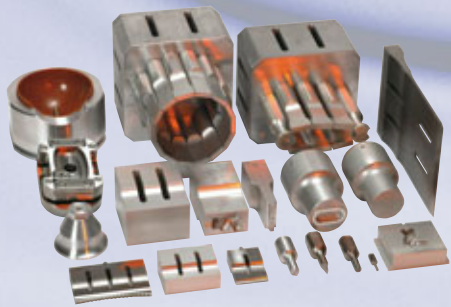


# Anvils and Horns

Ultrasonic welding and cutting tools 70 kHz / 35 kHz / 20 kHz

The tools manufactured by RINCO ULTRASONICS are suitable for welding and cutting operations of various kinds.





- . Horns in three different frequencies and for various applications
- . Customized tool design
- . Modern CAM-technology for free-form machining
- . Adaptation of the part geometry using 3-D-scanner or mould
- . Calculation of the oscillation performance using FEM-technology

## Specification anvils and horns

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Operating frequency: **70 kHz / 35 kHz / 20 kHz**

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Materials: Aluminium alloys  
Titanium alloys  
High alloyed tool steels  
Various surface treatments

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Application areas: **Textile industry:**  
As leading manufacturer in this field RINCO ULTRASONICS has many years of experience with cutting and template horns of various shapes.

**Food processing industry:**  
The food processing requires very wide, full wave horns. RINCO ULTRASONICS has a comprehensive know-how in manufacturing such tools.

**Plastics industry:**  
Tools for classical plastics applications (welding, riveting, beading etc.) are produced custom-designed. Particularly the manufacture of composed horns which are used for the assembly of large parts is a specialization of RINCO ULTRASONICS.

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Additional technical information available on request.



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