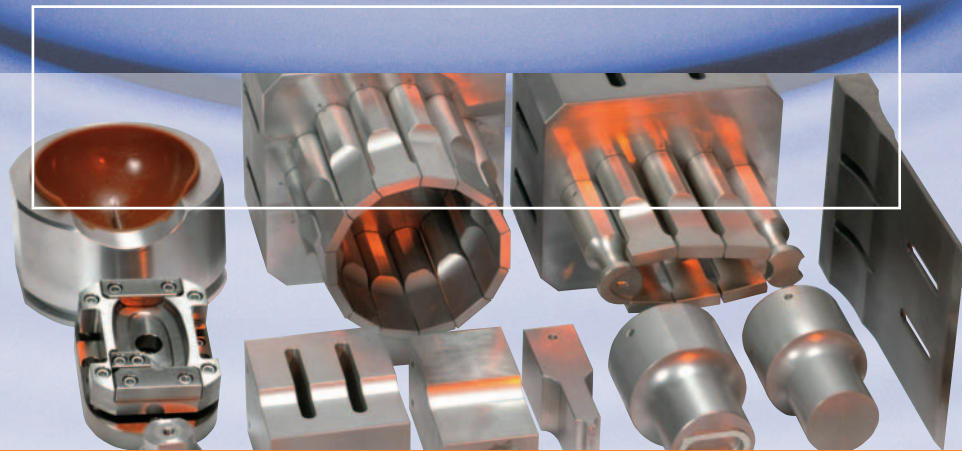




The Acoustic Ones

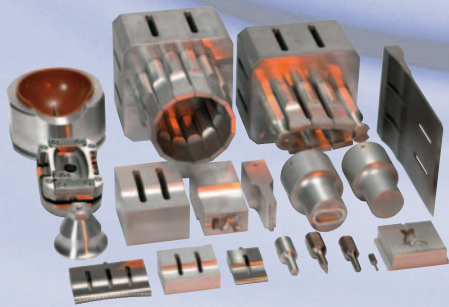


Anvils and Horns

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

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

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

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.

Additional technical information available on request.



RINCO ULTRASONICS AG
CH-8590 Romanshorn 1
Tel. +41 71 466 41 00
Fax +41 71 466 41 01
info@rincoultrasonics.com
www.rincoultrasonics.com