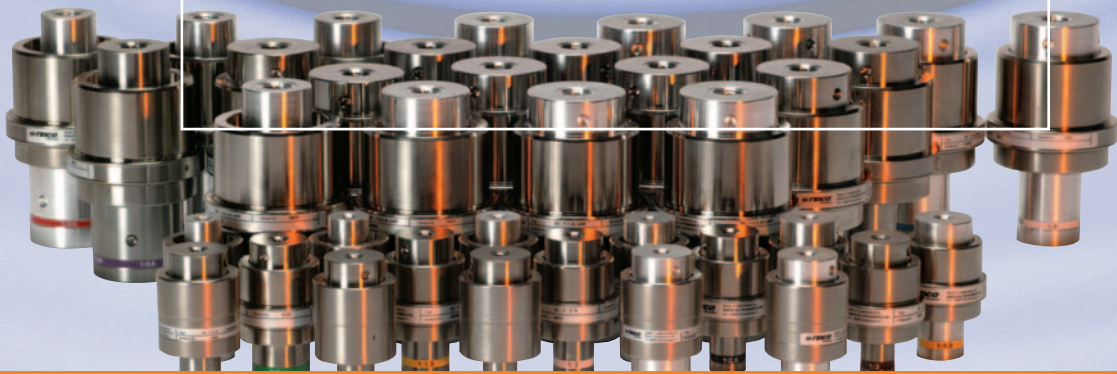




The Acoustic Ones



Standard Boosters

Standard boosters 35 kHz / 20 kHz

The standard boosters are suitable for the amplification of the amplitude of standard machines and special actuators.





- . Designed for the assembly into ultrasonic welding machines and special actuators
- . The ideal booster for every application thanks to a great range of amplifications factors and materials
- . Heavy duty
- . Low-loss and true to amplitude
- . Rigid storing in clamp housing

Specifications Standard Boosters

| | | |
|------------------------|--|--|
| Operating frequency: | 20 kHz / 35 kHz | |
| Weight: | Booster 20 kHz: | 1.5 kg |
| | Booster 35 kHz: | 350 g |
| Housing: | Booster 20 kHz: | Nickel-plated steel, with shoulder |
| | Booster 35 kHz: | Nickel-plated steel, there are two variants: |
| | a) Booster with shoulder: | Standard for ultrasonic welding machines |
| | b) Booster without shoulder: | For cutting units axially moveable |
| Amplification factors: | Booster 20 kHz with shoulder: | |
| | Aluminium: | 1:0.4 / 1:0.5 / 1:0.6 / 1:0.8 / 1:1 / 1:1.5 / 1:1.75 / 1:2 |
| | Titanium: | 1:0.5 / 1:0.6 / 1:1 / 1:1.5 / 1:2 / 1:2.5 / 1:3 |
| | Booster 20 kHz with shoulder and UNF connection thread: | |
| | Aluminium: | 1:0.5 / 1:0.8 / 1:1 / 1:1.5 |
| | Titanium: | 1:1 / 1:1.5 / 1:2 / 1:2.5 |
| | Booster 35 kHz with shoulder: | |
| | Aluminium: | 1:0.4 / 1:0.5 / 1:0.6 / 1:0.8 / 1:1 / 1:1.5 / 1:2 |
| | Titanium: | 1:1 / 1:1.5 / 1:2 / 1:3 |
| | Booster 35 kHz without shoulder: | |
| | Aluminium: | 1:1 / 1:1.5 |
| | Titanium: | 1:2 / 1:2.5 / 1:3 |

Additional technical information available on request.



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