



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 amplification factors and materials
- Heavy duty
- Low-loss and true to amplitude
- Rigid storing in clamp housing

Specification standard boosters

Operating frequency:	35 kHz / 20 kHz	
Weight:	Booster 35 kHz:	350 g
	Booster 20 kHz:	1.5 kg
Housing:	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
	Booster 20 kHz:	Nickel-plated steel, with shoulder
Amplification factors:	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
	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 / 1:1.75 / 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

Additional technical information available on request.



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