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**SPECS &  
INFORMATION**

# Technical Data Sheet

## Stepless® Ear Clamps with Cup-Lock

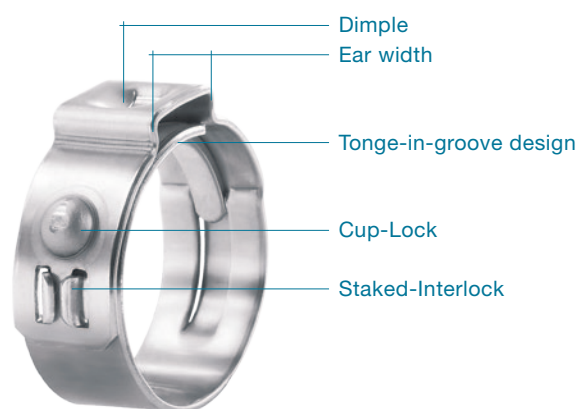
### Product Group 193

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Connecting Technology

## Stepless® Ear Clamps with Cup-Lock Product Group 193



Cup-Lock: Efficient lock solution for small clamp diameters

### Material

PG 193 [Stainless steel](#), material no. 1.4301/UNS S30400

Corrosion resistance according to DIN EN ISO 9227

PG 193  $\geq 1000$  h

### Standard Series

Size range	width x thickness	ear width
19.0 – 31.0 mm	10.0 x 0.8 mm	8 mm

### Sizes

Diameter graduation 0.5 mm

Some sizes are only available if an appropriate minimum quantity is ordered. Customer specific sizes available on request.

### Cup and staked interlock

The two locks hold the clamp geometry together securely. As the cup lock absorbs the closing force with its full material cross section, these clamps are able to achieve even higher radial forces.

### Order information

For detailed order information, please contact your local Oetiker branch.

### Installation data

Material	Size dimensions (mm)	Closing force max. (N)	Installation tools force-monitored <sup>1</sup> :			
			Manual	Pneumatic	Cordless	Electronically controlled
10 x 0.8	19.0 – 31.0	6600	Clamping tool and Torque wrench	HO ME 7000	CP 02	HO EL 7000

### Important note

These figures are intended as a guide, they may vary depending on the type and tolerances of parts being clamped. To ensure optimum clamp selection, we recommend making functional tests with several assemblies.



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