



F-senso chuck clamping force measuring device

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APPLICATION

Suitable for 3 jaw chucks and vices.

The F-senso clamping force measurement device enables you to check the clamping force as well as the rotational speed of your clamping tools.

The centrifugal behavior is thus directly related to the accompanying software evaluated.

TYPE

- ③ Broad clamping range of 75 - 175 mm through interchangeable pressure pins
- ③ Broad measuring range from 0 - 100 kN per jaw
- ③ Dynamic clamping force measurement under rotation up to 8250 rpm
- ③ Real-time data transmission via Bluetooth to included tablet
- ③ Delivered in the practical hard-shell case

TECHNICAL FEATURES

- No additional attachments necessary on the machine
- Easy positioning through positioning aid
- Automated switch-off



Video F-senso chuck

ADVANTAGES AT A GLANCE

- ③ Direct output of the centrifugal force behavior through combined measurement of clamping force and speed
- ③ Flexibility through large clamping and measuring range
- ③ Easy handling without additional set-ups on the machine

Included in the scope of delivery:

- Base with foam insert
- Clamping force measuring head, F-senso chuck
- Pressure bolts in lengths 5 mm, 15 mm, 25 mm and 30 mm
- Pressure bolt elongation in length 25 mm
- Practical insertion aid
- Tablet PC with pre-installed measuring and evaluation program



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Clamping force measurement device F-senso chuck

Id.-Nr.	179800
Measuring range / Clamping force kN	2 jaws: 0 - 200; 3 jaws: 0 - 300
Measuring range / Rotation speed min-1	0 - 8250
Accuracy	Force <0.5% / Rotation speed ±10 rpm within the complete measuring range
Clamping Ø mm	75 - 175
Dimensions (base unit)	Ø 75/80 x 130