



F-senso chuck clamping force measuring device

# F-senso chuck clamping force measuring device



## 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

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

- ⊕ Direct output of the centrifugal force behavior through combined measurement of clamping force and speed
- ⊕ Flexibility through large clamping and measuring range
- ⊕ 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

Item no.	179800
Measuring range / Clamping force kN	2 jaws: 0 - 200; 3 jaws: 0 - 300
Measuring range / Rotation speed min <sup>-1</sup>	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