



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

- 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

F-senso chuck

### 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-1	0 - 8250
Accuracy	Force <0.5% / Rotation speed $\pm 10$ rpm within the complete measuring range
Clamping $\varnothing$ mm	75 - 175
Dimensions (base unit)	$\varnothing 75/80 \times 130$