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SAUTER FH Sensor Dimensions

FH Sensor Ourside Attachment Dimensions

V. 1.0
10/2020
GB



PROFESSIONAL MEASURING

GB

SAUTER FH Sensor Dimensions

V. 1.0 10/2020

FH Sensor Ourside Attachment Dimensions

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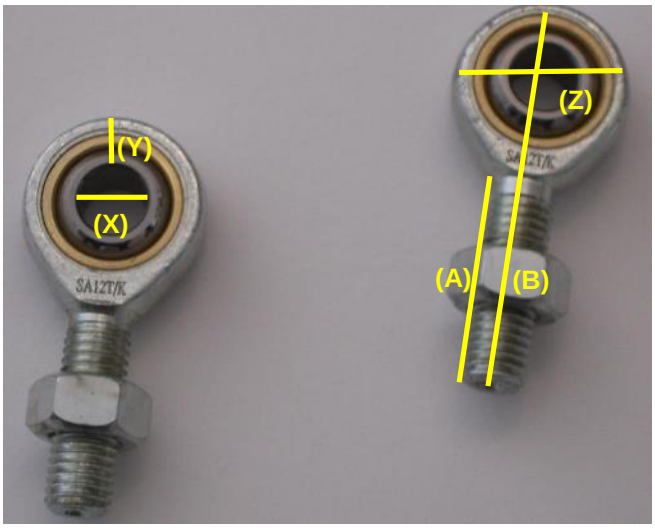
2.2 Fixed pressure plate, screwable ..... Fehler! Textmarke nicht definiert.

Model	FH 1k - FH 20K	FH 50K	FH 100k
Attachment to the measuring cell (external thread)	M 12	M 18	M 30

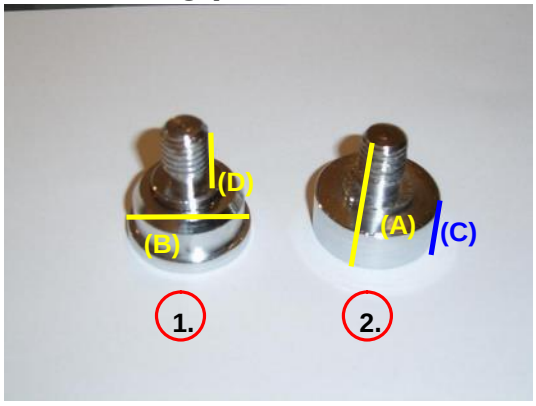
1 Eyelets for tensile tests

Inner eyes are movably mounted



Model	FH 1k - FH 20K	FH 50K	FH 100k
Inner diameter (X)	12 mm	18 mm	30 mm
Wall thickness (Y)	10 mm	15 mm	20 mm
Outer diameter (Z)	32 mm	48 mm	70 mm
Thread length (A)	32 mm	40 mm	68 mm
Total length (B)	70 mm	94 mm	146 mm

2 Printing plates





2.1 Screw fuselage with loose plate, moveably mounted

Here the pressure plate is placed loosely on the screw hull. In this position, the plate can twist slightly in relation to the screw body. This absorbs non-axial forces to a certain extent.

2.2 Fixed pressure plate, screwable

Here the screw head is rigidly attached to the fuselage.

Model	FH 1k - FH 20K	FH 50K	FH 100k
Thread length (D) for 1. and 2.	12 mm	15 mm	18 mm
Height incl. pressure plate for 1st (A)	34 mm	47 mm	51 mm
Height incl. pressure plate for 2nd (A)	29 mm	35 mm	40 mm
Diameter of pressure plate for 1. (B)	31 mm	58 mm	58 mm
Diameter of pressure plate for 2nd (B)	31 mm	48 mm	48 mm
Wall thickness of pressure plate for 1. (C)	18 mm	15 mm	27 mm
Wall thickness of pressure plate for 2nd (C)	11 mm	15 mm	27 mm

With SAUTER FH force gauges from FH 1k to FH 20k, 50k and 100k, everything is included as standard accessories.