

Measuring stands OSM for internal precision measuring instruments

General characteristics

In combination with the OSIMESS, SUBITO® or OD plug gauge internal precision measuring instruments, the measuring stands OSM 5 and OSM 6 ease the checking of series of similar work pieces, especially with bores with tight tolerances.

Advantages

- Fast and accurate measuring, since it is not necessary to search for the reversal point
- High accuracy through a precise rack guidance
- Universal use
- Easy handling
- Minimal wear and stress for the probe and for the work piece
- Centring bore 11H7 in the middle of the table plate for floating work piece support and for floating gauge block holder

The OSM 5 has a larger table plate and a larger lift, so that larger work pieces can also be measured. The OSM 5 can also be used to measure depth and thickness.

Accessories OSM 5

- floating holder (see OSIMESS accessories page 6)
- clamping unit OSM 5 to clamp SUBITO® and OD holders
- measuring travel limitation for the OSIMESS holder with retraction in order to minimise wear and stress for the probe and for the work piece

Further accessories OSM 5 and OSM 6

Floating work piece support

Due to the floating work piece support, the bore axis is aligned automatically to the measuring axis, which is especially useful when measuring small and light work pieces.

Floating gauge block holder

The floating gauge block holder is useful for setting intermediate diameters. Any dimension settings can be realised by using gauge blocks as a reference.

TECHNICAL DATA

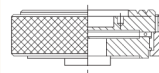
	OSM 5 mm	OSM 6 mm
Length	230	230
Width	130	130
Height	400	265
Table diameter	120	80
Adjustment of the lift device	up to 250	up to 130
Max. lift	88	40
Max. work piece ø	200	144



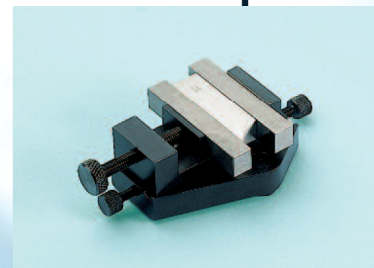
Measuring stand OSM 5



Measuring stand OSM 6



Floating work piece support for measuring stands OSM



Floating gauge block holder