

Measuring Automaton for Steel Piston

Brief description

- measuring automaton post-process

Measuring task

- measurement of 2x2 diameters (pin boss), compression height (2x)

Technology

- static

Tolerances

- \varnothing tolerance $\pm 13 \mu\text{m}$
- compression height tolerance $\pm 30 \mu\text{m}$

Special features

- cycle time: 25 s
- loading/unloading: with a handling supplied by the customer
- calibration: automatic
- changeover: manual
- control system: external control



Measuring Device for Piston Pin Boss

Brief description

- measuring device for sample check

Measuring task

- measurement of 2 diameters per pin boss (90° twisted to each other)

Technology

- contactless, pneumatical
- static

Tolerances

- \varnothing tolerance 8 μm

Special features

- cycle time: < 20 s (operator dependent)
- loading/unloading: manual
- calibration: manual
- changeover: without changeover
- control system: PC control
- evaluation by means of measuring computer

