


PI 1110

For technical personnel only!

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PRODUCT INFORMATION

MEASUREMENT BRIDGE FOR ENGINE REPAIR

MEASUREMENT OF PROTRUSION AMOUNT OF PISTONS, CYLINDER LINERS AND VALVES



Application example:
Measurement of
piston protrusion



When reconditioning and assembling engines, some important amounts of protrusion on components must be adjusted, if necessary. Especially when assembling pistons, cylinder liners and valves, the protrusion/clearance must be adjusted or reworked if necessary.

If the measurements and the necessary corrections are not made, serious engine damage may occur due to missing free space. Piston fractures, liner flange fractures, loose cylinder

liners, leaking cylinder head gaskets, loose prechamber inserts and broken valves are just some of the possible consequences.

By means of the depicted measurement bridge, all necessary clearances can be determined quickly and easily. The measurement bridge is suitable for petrol and diesel engines. It is an indispensable tool for the passenger cars, utility vehicles, veteran cars and tuning.

Product properties	Measurement bridge made of anodised aluminium for dial gauges with 8 mm diameter (screw clamping). Support points, 3-way adjustable, rust-free Inner spacing: 94/134/174 mm
Scope of supply	Measurement bridge (without dial gauge) in transparent plastic pull-out box Weight: approx. 250 g Tool dimensions (L x W x H): 230 mm x 33 mm x 30 mm
Reference no.	Measurement bridge 12 00003 17 001 Dial gauge 12 00003 17 002

All content including pictures and diagrams is subject to change.

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MOTORSERVICE
RHEINMETALL AUTOMOTIVE