



# GAP CHECKER

## MANUAL MEASUREMENT OF ROLL GAP

### BENEFITS

This simple and very efficient tool was especially developed for continuous casting plants for quick, easy and precise measuring, control and adjustment of the roller gap. It helps to optimize the casting process and therefore the casting products, which must comply with high quality requirements. The internal quality of slabs is strongly influenced by the alignment of the strand guide rollers within the strand guide.

### FIELD OF APPLICATION

The Gap Checker is suitable for any conventional slab caster.

### FUNCTION

The Gap Checker is used to manually measure the distance between opposing rolls (in continuous casters). The guidance rolls that support the Gap Checker ensures that the measurement is done perpendicular to the surface of the roll. The dial gauge can easily be adjusted to different roll gaps.

### PRODUCT STRUCTURE

- Digital dial gauge Mitutoyo „Absolute Digimatic“ series 543, measurement range 12.5 mm (display in mm)
- Extension for dial gauge made from stainless steel, supported spring loaded
- Measurement range is adjusted to your measurement requirements
- Type „Mini“ 130-200 mm (with 6 extensions)
- Type „Maxi“ 180-300 mm (with 3 extensions) • Digital sliding caliper 300 mm • Calibration base (aluminium)
- Case





Roll gap measurement with GapChecker



Suitcase contents

### PLANT DATA

Tool "Mini"	130 - 200 mm (with 6 extensions)
Tool "Maxi"	180 - 300 mm (with 3 extensions)
Range	max. 380 mm
Span	12.5 mm
Accuracy	0,01 mm

### MAIN BENEFITS

- Commissioning advisory
- Training
- Spare parts

**Primetals Technologies Austria GmbH**  
A joint venture of Siemens, Mitsubishi Heavy Industries and Partners

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