



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

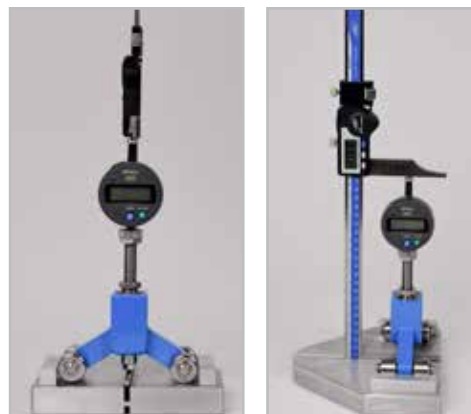
The Gap Checker is suitable for any conventional slab caster.

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 Mitutyoy „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 „Special“ 65-125 mm
- Type „Mini“ 130-200 mm (with 6 extensions)
- Type „Maxi“ 180-300 mm (with 3 extensions) • Digital sliding caliper 300 mm • Calibration base (aluminium)
- Gap Checker shows deviation to reference gap (correction values)
- Case



Gap Checker „Maxi“



Roll gap measurement with GapChecker



Suitcase contents (exemplary)

PLANT DATA

Tool "Special"	65 - 125 mm (Span: 1,6mm)
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 Mitsubishi Heavy Industries and partners

Turmstrasse 44 | 4031 Linz | Austria
primetals.com

Order No. T03-0-N533-L9-P-V2-EN
Printed in Linz | © 2020

The information (including, e.g., figures and numbers) provided in this document contains merely general descriptions or characteristics of performance based on estimates and assumptions which have not been verified. It is no representation, does not constitute and/or evidence a contract or an offer to enter into a contract to any extent and is not binding upon the parties. Any obligation to provide and/or demonstrate respective characteristics shall only exist if expressly agreed in the terms of the contract. These estimates and assumptions have to be analyzed on a case-to-case basis and might change as a result of further product development. Primetals Technologies excludes any liability whatsoever under or in connection with any provided information, estimates and assumptions. The provided information, estimates and assumptions shall be without prejudice to any possible future offer and/or contract. Any use of information provided by Primetals Technologies to the recipient shall be subject to applicable confidentiality obligations and for the own convenience of and of the sole risk of the recipient. Primetals is a trademark of Primetals Technologies Ltd.