



HZM Measuring-Setting Lever

Measuring the manual setting force
on point machines



HANNING & KAHL

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Manual setting forces on all HANNING & KAHL point machines can be measured using the HZM measuring-setting lever and the HZM force-measuring device.

The force required for the setting procedure is indicated in digital form on the HZM force-measuring device. The handy, ultra-light and versatile force-measuring device comes with approval for use from German railway's DB Netz AG. We have also been awarded Q1 supplier status by Deutsche Bahn as manufacturer of the HZM force-measuring device. With its compact design, ease of operation, large memory, high protection grade and long service life, the HZM force-measuring device is a reliable instrument. By connecting the force-measuring device to the three-part measuring-setting lever, a manual setting force up to 2000 N can be measured - without measuring pin or disassembly of covers. Due to its innovative design, the measuring-setting lever with universal attachment fits into the lever boxes of HANNING & KAHL point machines. The attachment also be adapted for other makes of point machines.



Complete set including force-measuring device HZM and diagnostic software protected in a case

Technical Data Measuring-Setting Lever

Length	1,000 mm
Width	105 mm
Height	70 mm
Weight	9,5 kg
Max. force measurable	2.000 N
Case protection	IP67

Technical Data Force-Measuring Device

HZM- Internal memory 2 GB
Power supply 230 VAC or 12 VDC via power pack
USB interface
Connection of external memories possible (e. g. USB stick)
LC display 64 x 128 pixel
With temperature and humidity measurement
IP 54 protection



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