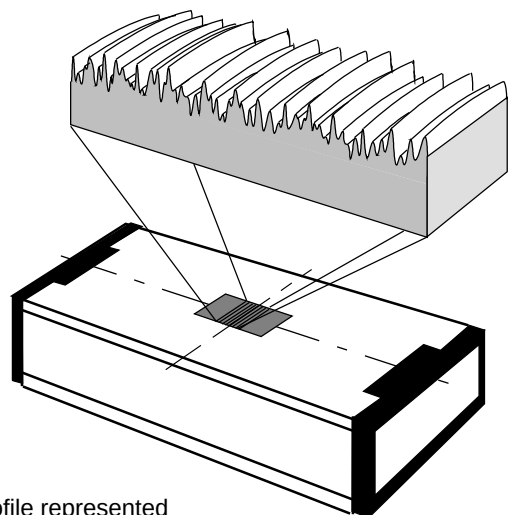


Roughness measurement standards

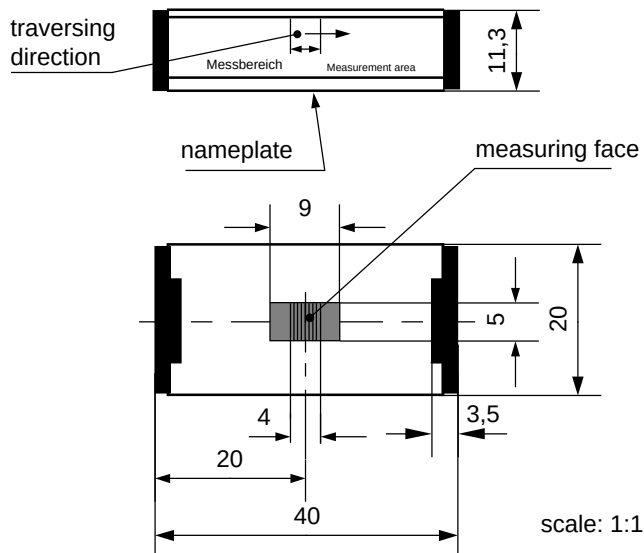
line of products KNT 4070/03 (ultrafine roughness measurement profile)

corresponding to Physikalisch-Technische Bundesanstalt (PTB)-measurement standards.

For calibrating and checking of the complete contact stylus instrument from the stylus to the measurement value display, as well as for calibrating and checking of optically sampling surface profilometer.



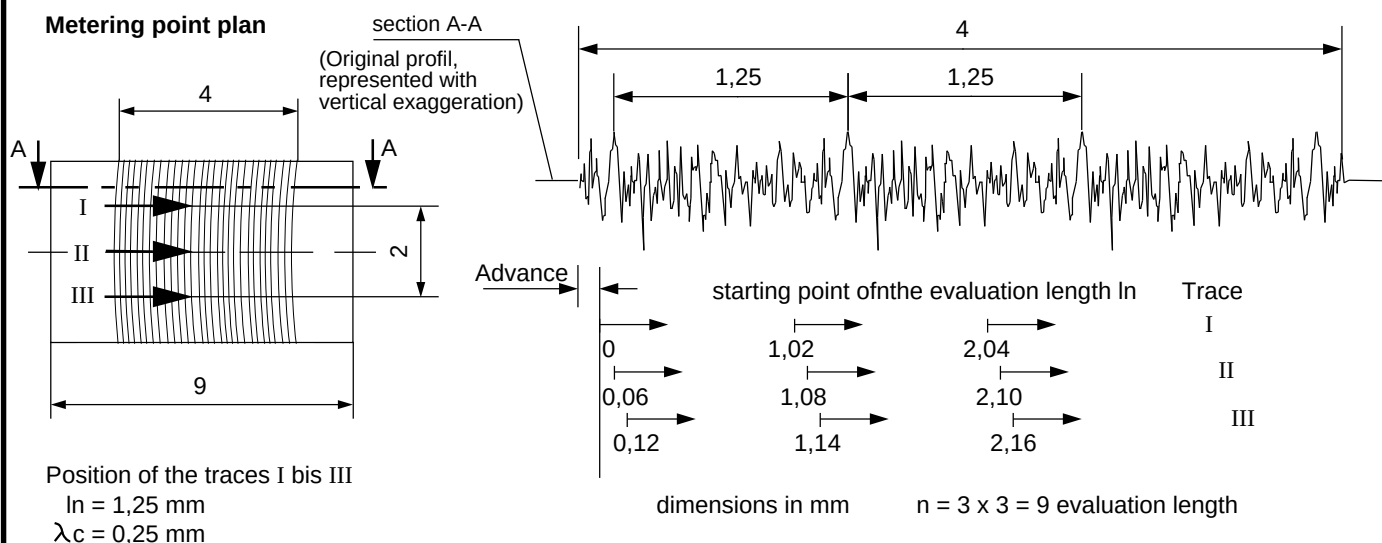
(Profile represented with vertical exaggeration)



The body of the roughness measurement standards consists of hardened stainless steel, dimension 40 x 20 x 11,3 mm. A rectangular measuring surface (5 x 9 mm) is inserted. In the measuring surface made of hardened nickel, it is turned an irregular profile, which is repeated every 1,25 mm in longitudinal direction of the specimen. Crosswise to the measuring direction of the specimen, the production grooves on the measuring face have constant profile form (for further information, see also pages 6.1 to 6.4, for details regarding the profile characteristics, see page 2.0).

The measuring surface (5 x 9 mm) and the supporting area (40 x 20 mm) are aligned with parallel face.

Metering point plan



Measurement standards are available also as single standards, as well as with or without calibration. A special wooden case for the safe storage of the measurement standards belongs to the scope of delivery.

Price list (with times of delivery, article No. ...etc): see page No.: 16.2