


Micrometer Checking Gauge Block Set

	<p>Gauge Block Specifications: BS EN ISO 3650: 1999 Suitable for calibrating micrometers and calipers up to 250mm Each set is supplied with a UKAS 5 point Calibration Certificate Blocks are manufactured from specially selected high quality age hardened alloy steel Blocks are heat treated to HRC65/HV820 High resistance to wear Supplied in a fitted wooden case</p>
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The individual gauge block sizes included in this set have been selected to check the accuracy of the micrometer spindle and measuring faces in 5 different rotational positions between 0 and 25mm. Ensuring the accuracy of both the screw and parallelism of the contact faces

Set Type	Set Size	Sizes in Set
Metric	11 Piece	3.1mm, 6.5mm, 9.7mm, 12.5mm, 15.8mm, 19.0mm, 21.9mm, 25mm, 50mm, 75mm, & 100mm

Packed Weight and Dimensions

Code	Set Size	Type	Description	BS Grade	Din Grade	US Grade	Weight g	Width mm	Height mm	Length mm
53-670-011	11 Piece	Metric	Workshop	2	2	3	1492	110	53	290

UKAS Calibration Certificates

These sets are supplied complete with a UKAS Calibration Certificate issued by an approved Laboratory
 The Calibration Certificate issued by the Laboratory indicates the date the set was originally calibrated
 The calibrated set is deemed to be in isolation until it is sold to the eventual user as there will be no wear or change due to use
 The eventual user should record the date of purchase and invoice number to establish when the instrument was first put into use
 This date becomes the reference point and is used together with the frequency of the sets use to determine future recalibration dates

Care and Use

Always clean gauge blocks following their use
 Wipe with a soft cloth or chamois avoiding direct finger contact with the gauge block
 Replace the blocks in the case whilst still holding them with the cleaning cloth
 When not in use the blocks should be coated with a rust preventative applied with a soft cloth
 Return the coated blocks to their case whilst holding them with the cloth
 Before use the blocks can be cleaned with a mineral spirit which will leave slight oily film on their surface and help prevent short term corrosion
 The film left by the mineral spirit will not affect the use of the blocks
 Blocks can be cleaned with alcohol however this will leave the blocks so clean they will be more susceptible to corrosion
 When using alcohol take the necessary precaution as this can cause a fire hazard
 Check blocks for burrs and nicks prior to wringing together
 Do not leave blocks wrung together over night as this can cause damage to their surfaces when eventually parted
 Be careful when handling blocks, do not drop or assemble above the open case as this will cause damage
 Check that the instrument or equipment to be checked or set with the blocks for any burrs or nicks which may damage the blocks and cause incorrect readings during the procedure

Size Range Stated in mm	Grade 2 Limit deviation of length at any point from nominal length Stated in microns	Grade 2 Tolerance for the variation in length Stated in microns
0 - 10	0.45	0.3
10 - 25	0.6	0.3
25 - 50	0.8	0.3
50 - 75	1.0	0.35
75 - 100	1.2	0.35