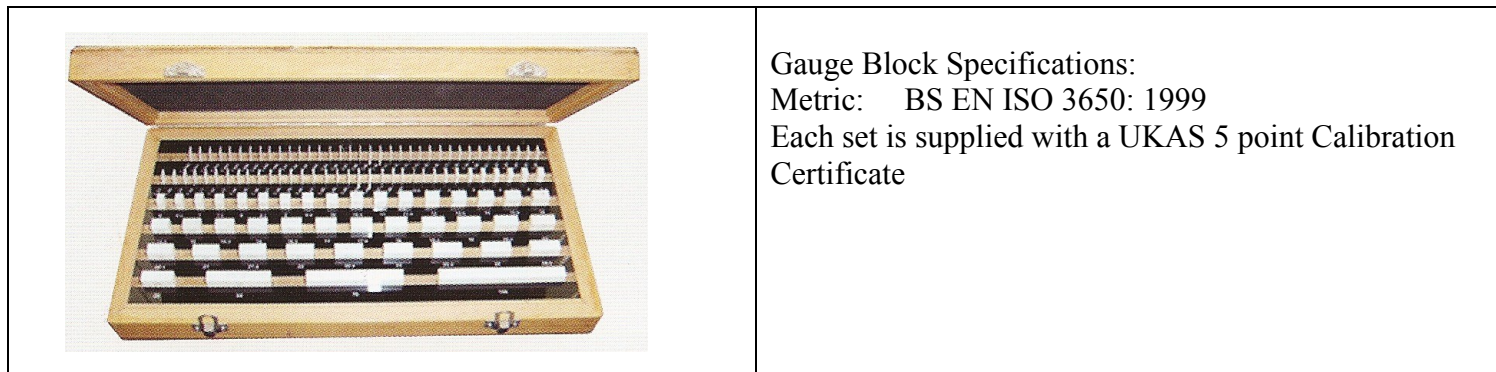


Ceramic Gauge Block Sets



Gauge Block Specifications:  
 Metric: BS EN ISO 3650: 1999  
 Each set is supplied with a UKAS 5 point Calibration Certificate

Features:

- Ceramic Gauge Blocks provide up to 10 times more abrasion resistance than steel
- Surface scratches do not readily produce burrs
- Burrs can be removed with an Arkansas stone
- Blocks are corrosion resistant and therefore do not require special attention
- Blocks are not damaged by handling
- Blocks are: Antimagnetic, antistatic and non conductive
- Thermal expansion of ceramic blocks is similar to steel (difference:  $2 \times 10^{-6}$  degrees C)

Packed Weight and Dimensions

Code	Set Size	Type	Description	BS Grade	Din Grade	US Grade	Weight g	Width mm	Height mm	Length mm
53-671-047	47 Piece	Metric	Inspection	1	1	2	2336	180	65	313

Set Type	Set Size	Pieces in Set	Range mm	Steps mm
Metric	47 Piece	1	1.005	
		20	1.01 – 1.20	0.01
		7	1.30 – 1.90	0.10
		9	1.0 – 9.0	1.0
		10	10.0 – 100.0	10.0

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

Gauge Block Tolerance Specification Metric Sets BS EN ISO 3650: 1998 (E)

Size Range	Grade 1 Limit deviation of length at any point from nominal length Stated in microns	Grade 1 Tolerance for the variation in length Stated in microns
0 - 10	0.2	0.16
10 - 25	0.3	0.16
25 - 50	0.4	0.18
50 - 75	0.5	0.18
75 - 100	0.6	2.0