

Gauge Blocks

Length Standards Brought to You by Mitutoyo



An inspection certificate is supplied as standard. Refer to page U-11 for details.

Micrometer Inspection Gauge Block Sets SERIES 516

- Dedicated gauge block sets for micrometer inspection.
Sets **516-106/7/8** and **516-322/3** are recommended for checking the maximum permissible error of micrometers due to the choice of block sizes ensuring that the instrument is checked through a full rotation of the spindle over the range 0 to 25 mm (or 0 to 1 in).
Sets **516-115/6/7**, **516-165/6** and **516-177** contain blocks in 25 mm (or 1 in) steps for aiding inspection of large micrometers in conjunction with one of the abovementioned sets.
Sets **516-580/1/2**, **516-390/1/2** are dedicated to the QuantuMike with its 2 mm/rev spindle feed.

Steel

CERA



Steel 10-block set



Steel 10-block set



CERA 10-block set



CERA 10-block set



Steel 8-block set



Steel 10-block set



CERA 8-block set



CERA 10-block set



Gauge Block Sets for Micrometer Inspection

A set consisting of a Micro Checker and gauge blocks for micrometer inspection.

(516-132/3/4/5/6/7)

• Micro Checker

Can clamp a stack of gauge blocks to be used for micrometer inspection.

516-607



Typical application



(The gauge block and optical parallel shown are optional accessories.)

SPECIFICATIONS

Metric	Micro Checker (holder only)
Order No.	516-607
Applicable gauge block sets	516-106/107/108, 516-156/157/158
Applicable gauge block sizes (mm)	2.5, 5.1, 7.7, 10.3, 12.9, 15, 17.6, 20.2, 22.8, 25

Inch	Micro Checker (holder only)
Order No.	516-608
Applicable gauge block sets	516-921/922/923, 516-321/322/323
Applicable gauge block sizes (in)	0.105, 0.210, 0.315, 0.420, 0.5, 0.605, 0.710, 0.815, 0.920, 1