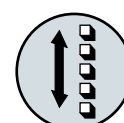
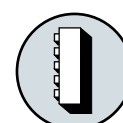


## Check Master SERIES 515

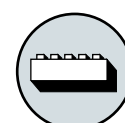
- Designed to check the accuracy of table movements of machine tools and calibrate CMMs. Permanently wrung stack of gauge blocks is housed in a rigid frame.
- Can be used in either vertical or horizontal orientation.



Single-row  
10 mm (0.5 in) blocks



Vertical  
orientation



Horizontal  
orientation

## SPECIFICATIONS

| Metric                |                         |                   |                   |                   |                   |
|-----------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|
| Code No.              | 515-720                 | 515-721           | 515-722           | 515-723           | 515-724           |
| Range (H)             | 310 mm                  | 450 mm            | 610 mm            | 1010 mm           | 1510 mm           |
| Block step            | 10 mm                   |                   |                   |                   |                   |
| Block pitch accuracy  | $H \leq 310$ mm         | $\pm 2.5$ $\mu$ m |                   |                   |                   |
|                       | $310 < H \leq 610$ mm   | —                 | $\pm 3.5$ $\mu$ m |                   |                   |
|                       | $610 < H \leq 1010$ mm  | —                 | —                 | $\pm 5.0$ $\mu$ m |                   |
|                       | $1010 < H \leq 1510$ mm | —                 | —                 | —                 | $\pm 8.0$ $\mu$ m |
| Parallelism of blocks | $H \leq 310$ mm         | 1.2 $\mu$ m       |                   |                   |                   |
|                       | $310 < H \leq 610$ mm   | —                 | 1.5 $\mu$ m       |                   |                   |
|                       | $610 < H \leq 1010$ mm  | —                 | —                 | 2.0 $\mu$ m       |                   |
|                       | $1010 < H \leq 1510$ mm | —                 | —                 | —                 | 2.5 $\mu$ m       |
| Mass                  | 7 kg                    | 10 kg             | 13 kg             | 22 kg             | 30 kg             |

| Inch                  |                              |                    |                    |                    |
|-----------------------|------------------------------|--------------------|--------------------|--------------------|
| Code No.              | 515-710                      | 515-711            | 515-712            | 515-713            |
| Range (H)             | 12.5 in                      | 18.5 in            | 24.5 in            | 40.5 in            |
| Block step            | 0.5 in                       |                    |                    |                    |
| Block pitch accuracy  | $H \leq 12.5$ in             | $\pm 100$ $\mu$ in |                    |                    |
|                       | $12.5$ in $< H \leq 24.5$ in | —                  | $\pm 150$ $\mu$ in |                    |
|                       | $24.5$ in $< H \leq 40.5$ in | —                  | —                  | $\pm 200$ $\mu$ in |
| Parallelism of blocks | $H \leq 12.5$ in             | 50 $\mu$ in        |                    |                    |
|                       | $12.5$ in $< H \leq 24.5$ in | —                  | 60 $\mu$ in        |                    |
|                       | $24.5$ in $< H \leq 40.5$ in | —                  | —                  | 80 $\mu$ in        |
| Mass                  | 7 kg                         | 10 kg              | 13 kg              | 22 kg              |

Note 1: The block pitch accuracy and the parallelism of blocks are relative to the main unit reference surface.

Note 2: Supplied with a wooden storage case as standard.

Note 3: High-accuracy type is available by special order.