



(Refer to the page 9 for details.)

Technical Data

Measuring range (R): Refer to the list of specifications.
 Block pitch accuracy:
 $\pm 2.5\mu\text{m}$ ($0 < R \leq 310\text{mm}$)
 $\pm 3.5\mu\text{m}$ ($310 < R \leq 610\text{mm}$)
 $\pm 5.0\mu\text{m}$ ($610 < R \leq 1010\text{mm}$)
 $\pm 8.0\mu\text{m}$ ($1010 < R \leq 1510\text{mm}$)
 Parallelism of blocks:
 $1.2\mu\text{m}$ ($0 < R \leq 310\text{mm}$)
 $1.5\mu\text{m}$ ($310 < R \leq 610\text{mm}$)
 $2.0\mu\text{m}$ ($610 < R \leq 1010\text{mm}$)
 $2.5\mu\text{m}$ ($1010 < R \leq 1510\text{mm}$)
 Mass:
 7kg (515-720, 515-710)
 10kg (515-721, 515-711)
 13kg (515-722, 515-712)
 22kg (515-723, 515-713)
 30kg (515-724)

Check Master

SERIES 515

FEATURES

- 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 a vertical or horizontal orientation for models up to 1500mm range.
- Fitted wooden case supplied.



SPECIFICATIONS

Metric		
Range (R)	Order No.	Block step
300mm	515-720	10mm
450mm	515-721	10mm
600mm	515-722	10mm
1000mm	515-723	10mm
1500mm	515-724	10mm

Inch		
Range (H)	Order No.	Block step
12"	515-710	.5"
18"	515-711	.5"
24"	515-712	.5"
40"	515-713	.5"



(Refer to the page 9 for details.)

Technical Data

Measuring range (R): Refer to the list of specifications.
 Block pitch accuracy:
 $\pm 1.2\mu\text{m}$ ($0 < R \leq 310\text{mm}$)
 $\pm 1.8\mu\text{m}$ ($310 < R \leq 610\text{mm}$)
 $\pm 2.5\mu\text{m}$ ($610 < R \leq 1010\text{mm}$)
 $\pm 4.0\mu\text{m}$ ($1010 < R \leq 1510\text{mm}$)
 Parallelism of blocks:
 $1.0\mu\text{m}$ ($0 < R \leq 450\text{mm}$)
 $1.5\mu\text{m}$ ($450 < R \leq 1010\text{mm}$)
 $2.0\mu\text{m}$ ($1010 < R \leq 1510\text{mm}$)
 Mass:
 3.6kg (515-740, 515-730)
 5.4kg (515-741, 515-731)
 7.2kg (515-742, 515-732)
 12kg (515-743, 515-733)
 18kg (515-744, 515-734)

Optional Accessory

601167: Supporting base for vertical operation
 (*supplied as a standard for 515-523 and 515-513)



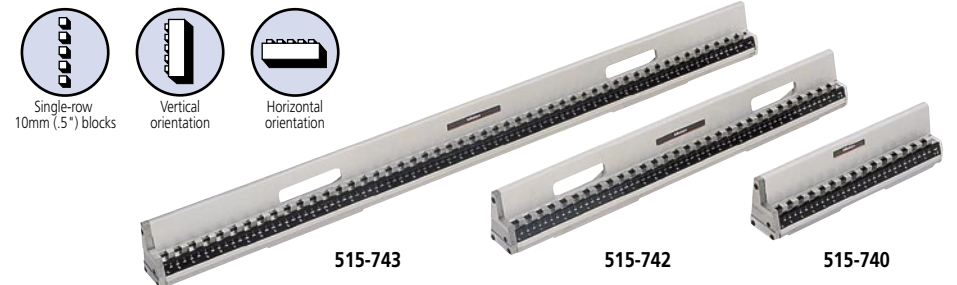
Supporting base

FEATURES

- 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 and horizontal orientation.
- Fitted wooden case supplied.

Specifications for Ceramic Check Master:

- Each measuring block is made of zirconia-based ceramic that requires no anti-corrosion treatment for measuring faces.
- Free from deterioration and dimensional changes over time.



SPECIFICATIONS

Metric		
Range (R)	Order No.	Block step
300mm	515-740 / 515-760*	10mm
450mm	515-741 / 515-761*	10mm
600mm	515-742 / 515-762*	10mm
1000mm	515-743 / 515-763*	10mm
1500mm	515-744 / 515-764*	10mm

*Ceramic Check Master

Inch		
Range (R)	Order No.	Block step
12"	515-730 / 515-750*	.5"
18"	515-731 / 515-751*	.5"
24"	515-732 / 515-752*	.5"
40"	515-733 / 515-753*	.5"
60"	515-734 / 515-754*	.5"

*Ceramic Check Master