



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.



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		
			$\pm 2.5 \mu\text{m}$		
Block pitch	$H \leq 310 \text{ mm}$				
	$310 < H \leq 610 \text{ mm}$	—		$\pm 3.5 \mu\text{m}$	
accuracy	$610 < H \leq 1010 \text{ mm}$	—	—	—	$\pm 5.0 \mu\text{m}$
	$1010 < H \leq 1510 \text{ mm}$	—	—	—	$\pm 8.0 \mu\text{m}$
	$H \leq 310 \text{ mm}$			$1.2 \mu\text{m}$	
Parallelism	$310 < H \leq 610 \text{ mm}$	—		$1.5 \mu\text{m}$	
of blocks	$610 < H \leq 1010 \text{ mm}$	—	—	—	$2.0 \mu\text{m}$
	$1010 < H \leq 1510 \text{ mm}$	—	—	—	$2.5 \mu\text{m}$
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	
			$\pm 100 \mu\text{in}$	
Block pitch	$H \leq 12.5 \text{ in}$			
accuracy	$12.5 \text{ in} < H \leq 24.5 \text{ in}$	—		$\pm 150 \mu\text{in}$
	$24.5 \text{ in} < H \leq 40.5 \text{ in}$	—	—	$\pm 200 \mu\text{in}$
	$H \leq 12.5 \text{ in}$		$50 \mu\text{in}$	
Parallelism	$12.5 \text{ in} < H \leq 24.5 \text{ in}$	—	—	$60 \mu\text{in}$
of blocks	$24.5 \text{ in} < H \leq 40.5 \text{ in}$	—	—	$80 \mu\text{in}$
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.