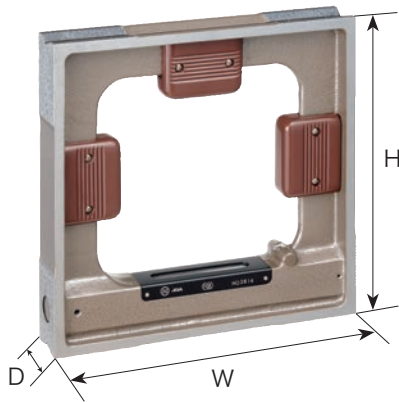


Precision Square Level

To measure...			
Flatness	Straightness	Squareness	Parallelism
○	○	◎	○

Stock No.541AA (JIS Standard)

Grade AA (JIS) Traceability



Stock No.541A (JIS Standard)

Grade A (JIS) Traceability



Stock No.541B (JIS Standard)

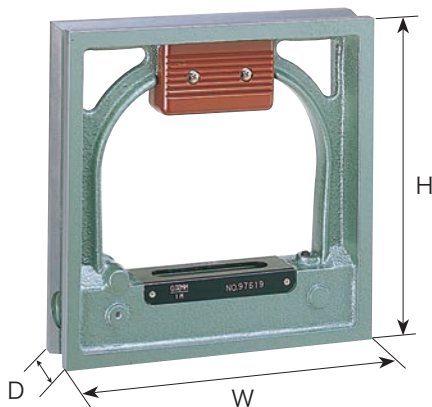
Grade B (JIS) Traceability



SIZE	W × H × D (mm)	Sensitivity (mm/m)	Net Weight (kg)
150	150 × 150 × 40	0.02 (4") 0.05 (10") 0.1 (20")	2.1
200	200 × 200 × 42		3.8
250	250 × 250 × 50		5.8
300	300 × 300 × 50		7.5

Stock No.541

Standard Type (NOT JIS standard) Traceability



SIZE	W × H × D (mm)	Sensitivity (mm/m)	Net Weight (kg)
100	100 × 100 × 38	0.02 (4") 0.05 (10") 0.1 (20")	1.0
150	150 × 150 × 42		2.1
200	200 × 200 × 42		3.8
250	250 × 250 × 45		5.8
300	300 × 300 × 45		7.5

- Grade AA, A and B are manufactured and inspected under the JIS B 7510 standard.
(See P5. for further information on each grade.)
- Grade AA has ± 0.2 scale all range accuracy in the main bubble.
- These three types have less than $3\mu\text{m}$ accuracy in flatness between base and side. (0.02mm/m type)
- Squareness between base and both side is 0.015mm/m. (0.02mm/m for Grade A)
- Grade AA and Grade A have a bubble chamber in which the length of the bubble is manually adjustable.

About Sensitivity

Sensitivity (mm/m) represents either height or angle of gradient which is required to move main bubble a scale.

For example, you will know there is 0.02mm height difference 1m away from where you measure, when the main bubble moves a scale.

NOTE

0.02mm/m is 4 seconds = 0.0011°

0.05mm/m is 10 seconds = 0.00277°

0.1mm/m is 20 seconds = 0.0055°

■ Code Number of Precision Square Level

	Code Number	Size	Sensitivity	Net Weight (kg)
Grade AA	541-1502AA	150	0.02	2.1
	541-2002AA	200		3.8
	541-2502AA	250		5.8
	541-3002AA	300		7.5
	541-1505AA	150	0.05	2.1
	541-2005AA	200		3.8
	541-2505AA	250		5.8
	541-3005AA	300		7.5
	541-1501AA	150	0.1	2.1
	541-2001AA	200		3.8
	541-2501AA	250		5.8
	541-3001AA	300		7.5
Grade A	541-1502A	150	0.02	2.1
	541-2002A	200		3.8
	541-2502A	250		5.8
	541-3002A	300		7.5
	541-1505A	150	0.05	2.1
	541-2005A	200		3.8
	541-2505A	250		5.8
	541-3005A	300		7.5
	541-1501A	150	0.1	2.1
	541-2001A	200		3.8
	541-2501A	250		5.8
	541-3001A	300		7.5
Grade B	541-1502B	150	0.02	2.1
	541-2002B	200		3.8
	541-2502B	250		5.8
	541-3002B	300		7.5
	541-1505B	150	0.05	2.1
	541-2005B	200		3.8
	541-2505B	250		5.8
	541-3005B	300		7.5
	541-1501B	150	0.1	2.1
	541-2001B	200		3.8
	541-2501B	250		5.8
	541-3001B	300		7.5
Standard Type	541-1002	100	0.02	1.0
	541-1502	150		2.1
	541-2002	200		3.8
	541-2502	250		5.8
	541-3002	300		7.5
	541-1005	100	0.05	1.0
	541-1505	150		2.1
	541-2005	200		3.8
	541-2505	250		5.8
	541-3005	300		7.5
	541-1001	100	0.1	1.0
	541-1501	150		2.1
	541-2001	200		3.8
	541-2501	250		5.8
	541-3001	300		7.5