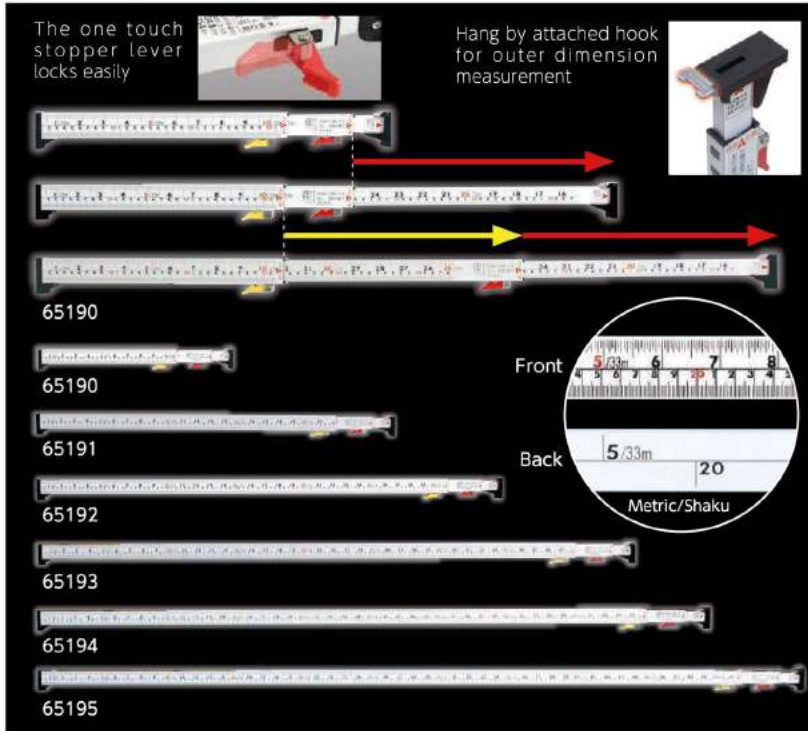


## Telescopic Measure One Direction II



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
65190	A 3 shaku 2 sun	Width: 33×22 Tip end: 47×23	300	4 960910 651906	5	<input checked="" type="checkbox"/>
65191	AB 6 shaku 6 sun	Width: 33×22 Tip end: 47×23	530	4 960910 651913	5	<input checked="" type="checkbox"/>
65192	B 9 shaku 3 sun	Width: 33×22 Tip end: 47×23	710	4 960910 651920	5	<input checked="" type="checkbox"/>
65193	C 12 shaku	Width: 33×22 Tip end: 47×23	890	4 960910 651937	5	<input checked="" type="checkbox"/>
65194	D 13 shaku 5 sun	Width: 33×22 Tip end: 47×23	990	4 960910 651944	5	<input checked="" type="checkbox"/>
65195	E 15 shaku 5 sun	Width: 33×22 Tip end: 47×23	1,120	4 960910 651951	5	<input checked="" type="checkbox"/>

Refer to P. 2 about the shaku scale

### Features

- Expands three times in length and can be read off at hand. Easy one-person use.
- Plastic end will not scratch walls and ceilings.
- Hang by attached hook for outer dimension measurement
- Bold, easy-to-read graduations
- Ideal for measuring ceiling height without switching hands
- One-touch stopper lever adopted to significantly improve durability and ease of locking
- Tape at the back can be used for marking and notes
- Large caps on both ends and graduation close to the edges are convenient for scribing

### Use

- For interior finish work, installment of fittings, doors, stair works, plumbing work, masonry work, etc.
- A, AB types: For inner dimension measurement of areas with closet storage space, floor cupboards, and crown molding
- B, C, D, E types: For shaku measures and ken measures

### Specifications

	65190	65191	65192
Length Tolerance	±1.0 mm up to 2 m, ±0.5 mm/m over 2 m		
Measuring Range	461 mm (1 shaku 5 sun 2 bu)	810 mm (2 shaku 6 sun 7 bu)	1,078 mm (3 shaku 5 sun 6 bu)
	970 mm (3 shaku 2 sun)	2,017 mm (6 shaku 6 sun 6 bu)	2,821 mm (9 shaku 3 sun 1 bu)
Material	Tip End: ABS resin Main Body: Aluminum Stopper Lever: Polycarbonate resin Joint Part: Polyacetal resin Hook for Outer Dimension Measurement: Stainless steel		

	65193	65194	65195
Length Tolerance	±1.0 mm up to 2 m, ±0.5 mm/m over 2 m		
Measuring Range	1,351 mm (4 shaku 4 sun 6 bu)	1,502 mm (4 shaku 9 sun 5 bu)	1,704 mm (5 shaku 5 sun 2 bu)
	3,640 mm (12 shaku 1 bu)	4,093 mm (13 shaku 5 sun 1 bu)	4,699 mm (15 shaku 5 sun 1 bu)
Material	Tip End: ABS resin Main Body: Aluminum Stopper Lever: Polycarbonate resin Joint Part: Polyacetal resin Hook for Outer Dimension Measurement: Stainless steel		

\*Length tolerance is the accuracy when measured at normal temperature.

## Telescopic Measure One Direction [Metric/Shaku]



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
65183	A 3 shaku 2 sun	Width: 30×19 Tip end: 45×19	270	4 960910 651838	5	<input checked="" type="checkbox"/>
65184	AB 6 shaku 3 sun	Width: 30×19 Tip end: 45×19	470	4 960910 651845	5	<input checked="" type="checkbox"/>
65185	B 9 shaku 3 sun	Width: 30×19 Tip end: 45×19	660	4 960910 651852	5	<input checked="" type="checkbox"/>
65186	C 12 shaku	Width: 30×19 Tip end: 45×19	830	4 960910 651869	5	<input checked="" type="checkbox"/>
65187	D 13 shaku 5 sun	Width: 30×19 Tip end: 45×19	920	4 960910 651876	5	<input checked="" type="checkbox"/>
65188	E 15 shaku 5 sun	Width: 30×19 Tip end: 45×19	1,050	4 960910 651883	5	<input checked="" type="checkbox"/>

Refer to P. 2 about the shaku scale

### Features

- Expands three times in length and can be read off at hand. Easy one-person use.
- Ideal for measuring ceiling height without switching hands
- One-touch stopper lever for efficient operation
- Tape at the back can be used for marking and notes

### Use

- For interior finish work, installment of fittings, doors, stair work, plumbing work, masonry work, etc.
- A, AB types: For inner dimension measurement of areas with closet storage space, floor cupboards, and crown molding
- B, C, D, E types: For shaku measures and ken measures

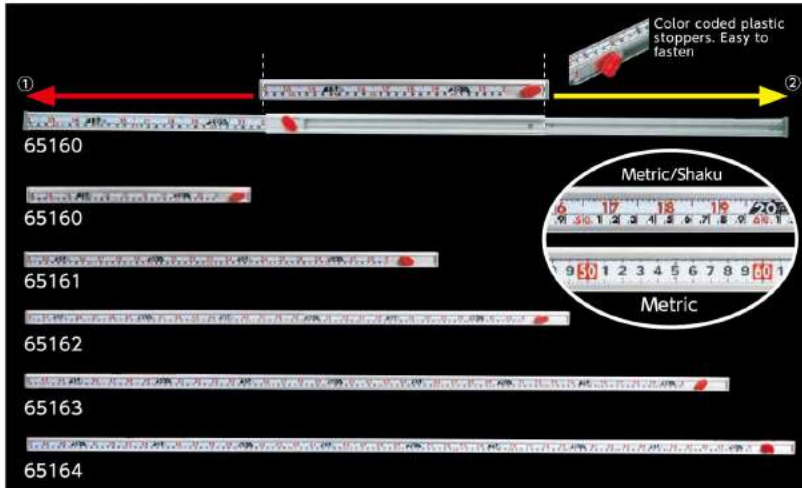
### Specifications

	65183	65184	65185	65186	65187	65188
Length Tolerance	±0.5 mm up to 1 m, ±0.5 mm/m over 1 m					
Measuring Range	45.5 cm (1 shaku 5 sun)	77.3 cm (2 shaku 5 sun 2 bu)	107.6 cm (3 shaku 2 sun)	134.8 cm (4 shaku 1 sun 5 bu)	150.0 cm (4 shaku 6 sun 1 bu)	169.5 cm (5 shaku 5 sun 2 bu)
	97.0 cm (3 shaku 2 sun)	190.5 cm (6 shaku 3 sun)	281.8 cm (9 shaku 3 sun)	353.6 cm (12 shaku)	409.1 cm (13 shaku 5 sun)	459.7 cm (15 shaku 5 sun)
Material	Main Part: Aluminum Stopper Lever: ABS resin					

\*Length tolerance is the accuracy when measured at normal temperature.

JIS mark  With red numbers  cm/shaku (Upper side for front metric / Lower side for back shaku)  With magnet  Vial with luminous sheet  Thermometer  Double-sided tape  Letters in Japanese  With stopper  Oil  Glass lens  With edge  
 Japanese zodiac signs  With battery  cm/shaku/cm (Upper side for front shaku / Lower side for back metric)  With non-slip pad  Thermometer/Hygrometer  Hygrometer  With hanging tool  Letters in English  With direction arrow  With grid scale  Plastic lens

## Telescopic Measure Two Directions [Metric/Shaku]



Item Code	Description of Product	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
65160	A 3 shaku 2 sun	Width×Thickness 26×17 Tip end 26×17	230	4 960910 651609	5	V
65161	AB 6 shaku 3 sun	Width×Thickness 26×17 Tip end 26×17	410	4 960910 651616	5	V
65162	B 9 shaku 3 sun	Width×Thickness 26×17 Tip end 26×17	560	4 960910 651623	5	V
65163	C 12 shaku	Width×Thickness 26×17 Tip end 26×17	700	4 960910 651630	5	V
65164	D 13 shaku 5 sun	Width×Thickness 26×17 Tip end 26×17	800	4 960910 651647	5	V

Refer to P. 2 about the shaku scale

## Telescopic Measure Two Directions [Metric]

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
65107	A 95 cm	Width×Thickness 26×17 Tip end 26×17	230	4 960910 651074	5	V
65108	AB 190 cm	Width×Thickness 26×17 Tip end 26×17	410	4 960910 651081	5	V
65109	B 280 cm	Width×Thickness 26×17 Tip end 26×17	560	4 960910 651098	5	V
65105	C 360 cm	Width×Thickness 26×17 Tip end 26×17	700	4 960910 651050	5	V
65106	D 400 cm	Width×Thickness 26×17 Tip end 26×17	800	4 960910 651067	5	V

## Shaku Measure



	65132	65133
1st Side	Metric graduation (1 mm pitch) + Shaku graduation (5 rin pitch)	
2nd Side	Shaku graduation (5 sun pitch)	
3rd Side	Stud (1 shaku 5 sun pitch)	Stud (1 shaku 6 sun 2 bu 5 rin pitch)
4th Side	This side lets you write down graduations with a pencil	

Item Code	Description	Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
65132	12 shaku	23×19	950	4 960910 651326	1	B
65133	13 shaku 5 sun	23×19	1,050	4 960910 651333	1	B

Refer to P. 2 about the shaku scale

JIS JIS mark  With red numbers  cm/shaku (Upper side for Front metric / Lower side for Back shaku)  With magnet  Vial with luminous sheet  Thermometer  Double-sided tape  Letters in Japanese  With stopper  Oil  Glass lens  With edge  
 Japanese zodiac signs  With battery  cm/shaku (Upper side for Front shaku / Lower side for Back metric)  With non-slip pad  Thermometer/Hygrometer  Hygrometer  With hanging tool  Letters in English  With direction arrow  With grid scale  Plastic lens

### Features

- Expands three times in length and can be read off at hand. Easy one-person use.
- Plastic end will not scratch walls and ceilings
- Bold, easy-to-read graduations
- Center remains static as it expands in two directions. This makes it optimal particularly when extending the measure left and right for inner dimension measurement.



### Use

- For interior finish work, installment of fittings, doors, stair work, plumbing work, masonry work, etc.
- A, AB types: For inner dimension measurement of areas with closet storage space, floor cupboards, and crown molding
- B, C, D, E types: For shaku measures and ken measures

### Specifications

	65160	65161	65162	65163	65164
Length Tolerance	±0.4 mm	±0.6 mm	±0.8 mm	±0.9 mm	±1.0 mm
Measuring Range	36.4 cm (1 shaku 2 sun)	69.7 cm (2 shaku 3 sun)	100.0 cm (3 shaku 3 sun)	127.3 cm (4 shaku 2 sun)	142.4 cm (4 shaku 7 sun)
	97.0 cm (3 shaku 2 sun)	190.9 cm (6 shaku 3 sun)	281.8 cm (9 shaku 3 sun)	363.7 cm (12 shaku)	409.1 cm (13 shaku 5 sun)
Material	Main Part: Aluminum		Tape: Steel Stopper Screw: Polycarbonate resin		

	65107	65108	65109	65105	65106
Length Tolerance	±0.4 mm	±0.6 mm	±0.8 mm	±0.9 mm	±1.0 mm
Measuring Range	36.4 cm	69.7 cm	100.0 cm	127.3 cm	142.4 cm
	97.0 cm	190.9 cm	281.8 cm	363.7 cm	409.1 cm
Material	Main Part: Aluminum		Tape: Steel Stopper Screw: Polycarbonate resin		

\*Length tolerance is the accuracy when measured at normal temperature.

### Features

- Tough aluminum product. Unlike wooden products, it will not warp under wet conditions.
- Having metric and shaku graduations reduces measurement errors
- Easy-to-read and fade-resistant graduations
- Graduations on all four sides
- Comes apart for better portability. Locks easily by sliding back together.
- Rubber caps on both ends prevent scratching
- Includes a tough nylon carry case

### Use

- As shaku measure for laying out foundations
- As a template to make a disposable shaku measure stick

### Specifications

	65132	65133
Length (split)	3,680 (1,840) mm	4,120 (2,060) mm
Length Tolerance	-0.6 - +1.3 mm	
Straightness Tolerance	Within 3 mm	Within 3.4 mm
Material	Main Part: Aluminum Edge: Rubber	

#### Ken Measure



1st Side	Metric graduation (1 mm pitch) + Shaku graduation (5 rin pitch)
2/3/4nd Side	This side lets you write down graduations with a pencil



Item Code	Description	Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
65180	12 shaku	23×19	950	4 960910 651807	1	B

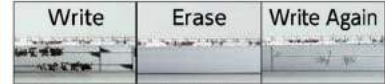
Refer to P. 2 about the shaku scale

#### Features

- Tough aluminum product. Unlike wooden products, it will not warp under wet conditions
- Having metric and shaku graduations reduces measurement errors
- Easy-to-read and fade-resistant graduations
- Comes apart for better portability. Locks easily by sliding back together.
- Rubber caps on both ends prevent scratching
- Includes a tough nylon carry case



- Special tape is pasted on the third side for notes and markings



- Can be cleaned with thinner

#### Use

- For carpenters Ideal for marking off pillars in the process of building a new house (For measurement of dimensions, pitches, dovetails, measurement for joining lumber, special pitches for studs 1shaku 2sun or 1m intervals, etc.)
- For roof tilers Ideal for marking intervals of crossbars on a rafter
- For construction workers Ideal for marking intervals for packing during installation of concrete boards or L-shape retaining walls

#### Specifications

Length (divided length)	3,680 (1,940) mm
Length Tolerance	-0.8 + 1.3 mm
Straightness Tolerance	Within 3 mm (for total length)
Material	Main Part: Aluminum Edge: Rubber

#### Aluminum Box Beam Straight Measure



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
65260	135 cm	1,350×60×20	990	4 960910 652606	1	B
65262	175 cm	1,750×60×20	1,270	4 960910 652620		
65264	195 cm	1,950×60×20	1,430	4 960910 652644		
65266	230 cm	2,300×60×20	1,680	4 960910 652668		

#### Features

- High precision for accurate check of straightness in base alignment of window frames, door frames and walls, etc.



- Scale side is broad to enable stable measurement without wobble
- Writeable tape so measurements and marks can easily be erased



#### Use

- For checking base alignment straightness of window frames, door frames and walls, etc.

#### Specifications

	65260	65262	65264	65266
Material	Main Part: Aluminum		Side-cap: ABS resin	
Straightness Tolerance	Less than 0.30 mm	Less than 0.35 mm	Less than 0.40 mm	Less than 0.45 mm

JIS JIS mark With red numbers cm/shaku (Upper side for Front/metric / Lower side for Back/shaku) With magnet Vial with luminous sheet Thermometer Double-sided tape Letters in Japanese With stopper Oil Glass lens With edge  
 Japanese zodiac signs With battery shaku/cm (Upper side for Front/shaku / Lower side for Back/metric) With non-slip pad Thermometer/hygrometer Hygrometer Hanging tool Letters in English With direction arrow With grid scale Plastic lens