



**SHINWA**

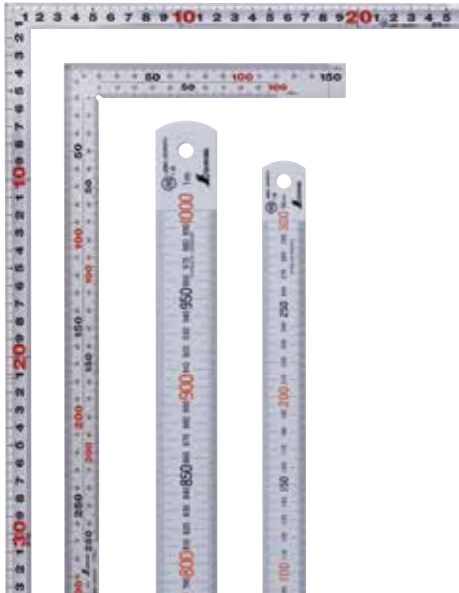
Work Together








**SHINWA  
DIGEST  
CATALOG  
2021.6~**



## Overwhelming Market Share of Stainless Steel Rules/Carpenter's Squares

Since its establishment in 1971 in the Tsubame and Sanjo areas of Niigata Prefecture, a world-class metal processing region, Shinwa Rules has earned the patronage of many users as a leading manufacturer of high-precision, easy-to-use measuring instruments. In particular, we hold the largest market share in Japan for stainless steel rules and carpenter's squares. As a partner to those working in the field, we support accurate manufacturing and house building.



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### Quantity of Packing Unit

The quantity listed is the packing unit per box. For the items with a case unit, the packing unit per case is listed in the parenthesis below the quantity.

### The Difference Between Polish Finish and Hard Chrome Finish

Both are made of stainless steel, but the hard chrome finish model has a matte finish. This prevents the sun from causing glare on the scale, making it easier to read.

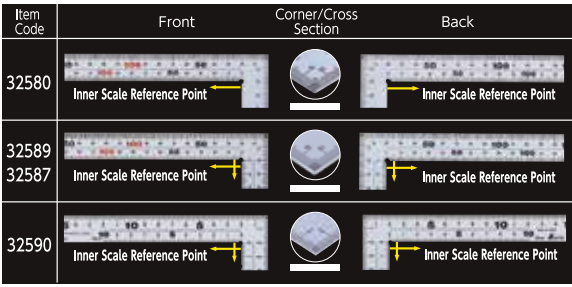
### Key to the symbols

- NEW** New catalog items    **JIS** JIS mark
- (Red)** With red numbers    **M** With magnet
- En** English package    **12** Japanese zodiac signs

### Packaging

- B** Box    **VH** Vinyl package + header card    **C** Card
- SP** Sleeve package    **B** Bag    **V** Vinyl package

## Carpenter's Square Wide Hard Chrome Finish



Item Code	Description		Long Branch\Width\Thickness (Short Branch) (mm)	Weight (g)	Packing Unit	Package
32580	50 cm with 6 Scales	JIS	520×20×2.0 (260)	240	10	
32589	50 cm with 8 Scales	JIS	520×20×2.0 (260)	240		
32587	30 cm with 8 Scales	JIS	320×20×2.0 (160)	144		
32590	15 cm with 8 Scales		170×20×2.0 (85)	72.5		

### Features

- Heavy-duty
- Suitable for ironwork or engineering work
- Graduations marked on every edge (8-scale models)
- Strap hole on 32587
- Hard chrome finish on entire surface (matte processed)



Hard chrome finish (matte processed)

### Use

- For all types of inking, marking, and measuring right angles/length

### Specifications

—: No scale

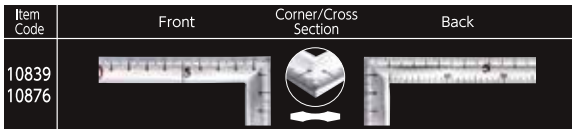
	32580	32589	32587	32590
Scale on Front Side	Outside	50 cm	30 cm	15 cm
	Inside	45 cm	25 cm	10 cm
Scale on Back Side	Outside	25 cm	15 cm	7.5 cm
	Inside	—	20 cm	10 cm
Shape of Corner	Outside	50 cm	30 cm	15 cm
	Inside	45 cm	25 cm	10 cm
Squareness	Outside	25 cm	15 cm	7.5 cm
	Inside	—	20 cm	10 cm
Length Tolerance	±0.2 mm			
Material	Stainless steel			

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

Squares/Protractors

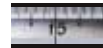
## Carpenter's Square High Quality Thick Corner Hard Chrome Finish



Item Code	Description		Long Branch\Width\Thickness (Short Branch) (mm)	Weight (g)	Packing Unit	Package
10839	50 cm with Square Scale	JIS	520×15×1.4 (260)	84	10	
10876	50 cm with Square Scale Flexible	JIS	520×15×1.0 (260)	73		

### Features

- High-precision squareness
- Hand polished by master craftsmen
- Beautiful glossy finish on scale marks
- Packaged in high-quality raised fabric (10839)
- Thin and flexible (10876)
- Hard chrome finish (matte processed) on graduation to prevent glare and make it easy to see
- Angled face prevents ink from bleeding while shape is designed to provide an easy grip
- Strong due to hardening process yet also has flexibility



Hard chrome finish (matte processed)

### Use

- For all types of inking, marking, and measuring right angles/length

### Specifications

—: No scale SS: Square scale CS: Circle scale MS: Mortise scale

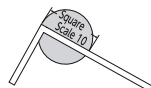
	10839	10876
Scale on Front Side	Outside	50 cm
	Inside	—
Scale on Back Side	Outside	25 cm
	Inside	—
Shape of Corner	Outside	SS
	Inside	CS MS
Squareness	Outside	25 cm
	Inside	—
Length Tolerance	±0.2 mm	
Material	Stainless steel	

### About Special Scales

#### ① Square Scale (SS)

A scale graduated in  $\sqrt{2}$  times the actual length scale for measuring the largest square possible to be cut out from a circular material.

When the Square Scale indicates 10 as the diameter of circular material, the largest possible size of a square to be cut out from it is 10 cm long.



#### ② Circle Scale (CS)

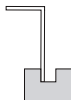
A scale graduated in  $1/\pi$  times the actual length scale for measuring the circumference of a circular material.

When the Circle Scale indicates 20 as the diameter of circular material, the size of circumference is 20 cm long.



#### ③ Mortise Scale (MS)

Useful to measure the depth of a mortise.



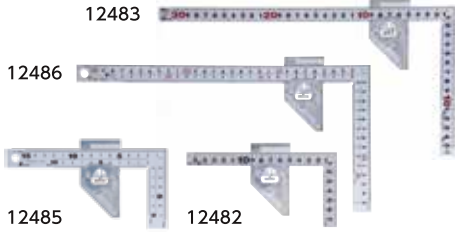
Tape Measures

Inklines/Chalklines/  
Punchholders

Construction Tools

Industrial Tools

## Carpenter's Square Flat / Wide Hard Chrome Finish with Stopper **NEW**



**With vernier scale**  
Supports detailed measurements in 0.1 mm increments.



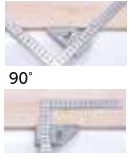
Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
12483	Flat 30 cm	320 x 170 x 12	141	5	
12482	Flat 15 cm	160 x 95 x 12	112	1	
12486	Wide 30 cm with 8 Scales	320 x 170 x 12	233	5	<b>VH</b>
12485	Wide 15 cm with 8 Scales	170 x 90 x 12	162	1	

### Features

- Long marking lines can be drawn by attaching to the corresponding carpenter's square
- Draw a 45° marking line by changing the edge position

45°

90°



### Use

- For marking or measuring sheet thickness and diameter

### Specifications

#### ■ Carpenter's Square Flat Hard Chrome Finish

	12483	12482	12486	12485
Scale on Front Side	Outside	30 cm	15 cm	30 cm
	Inside	30 cm	10 cm	25 cm
Scale on Back Side	Outside	15 cm	7.5 cm	15 cm
	Inside	10 cm	7 cm	10 cm
Scale on Front Side	Outside	30 cm	15 cm	30 cm
	Inside	30 cm	10 cm	25 cm
Scale on Back Side	Outside	15 cm	7.5 cm	15 cm
	Inside	10 cm	7 cm	10 cm

Shape of Corner	Flat
Squareness	Less than 0.1 mm per 100 mm
Length Tolerance	±0.2 mm
Material	Stainless steel

#### ■ Square Stopper

	12483	12482	12486	12485
Supported Carpenter's Square Sizes	Thickness: Less than 1.4 mm	Thickness: Less than 1.4 mm	Thickness: 2 mm	Thickness: 2 mm
	Width: 15 mm	Width: 15 mm	Width: 20 mm	Width: 20 mm
Angle Tolerance* of Stopper	Less than 0.2 mm per 100 mm			
Material	Body: Zinc	Screw: Steel	Leaf Spring: Bronze	

\*Accuracy of the carpenter's square stopper itself. Accuracy will change depending on the carpenter's square used.

## Square Stopper



12436

12428

**NEW** 12481

**NEW** 12484

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
12436	for 15 mm width Carpenter's Square	70×40×14	17		
12428	for 20 mm width Carpenter's Square	75×40×14	18		
12481	Metal Body for 15 mm width Carpenter's Square <b>NEW</b>	78 × 43 × 12	86		<b>SP</b>
12484	Metal Body for 20 mm width Carpenter's Square <b>NEW</b>	83 × 43 × 12	89		

### Features

- Metal construction is highly resistant to shock, wear and heat
- Vernier scale enables reading of even detailed measurements
- Attaches to a carpenter's square for easy scribbling, and clamps on to objects for measuring like a vernier caliper
- Wide stopper is stable even on a chamfered surface
- Can be mounted upside down to measure height
- Can clamp on object to measure sheet thickness and diameter (12428/12484)

### Use

- Attach to Carpenter's Square Wide for marking or measuring sheet thickness and diameter

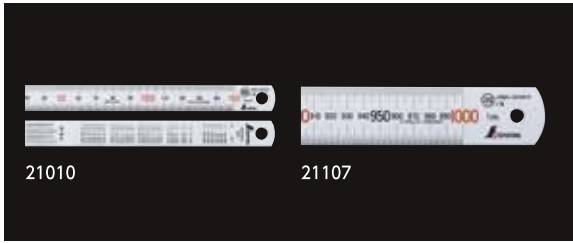
### Specifications

	12436	12428
Supported Carpenter's Square Sizes	Thickness: Less than 1.4 mm	Thickness: 2 mm
	Width: 15 mm	Width: 20 mm
Angle Tolerance* of Stopper	Less than 0.2 mm per 100 mm	
Material	Body: ABS resin	Screw: Steel Leaf Spring: Bronze

	12481	12484
Supported Carpenter's Square Sizes	Thickness: Less than 1.4 mm	Thickness: Less than 2 mm
	Width: 15 mm	Width: 20 mm
Angle Tolerance* of Stopper	Less than 0.2 mm per 100 mm	
Material	Body: Zinc	Screw: Steel Leaf Spring: Bronze

\*Accuracy of the carpenter's square stopper itself. Accuracy will change depending on the carpenter's square used.

## Stainless Steel Rule Hard Chrome Finish [Metric]



### Features

- JIS Grade 1 (15 cm - 2 m)
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Etching and plating finish maintains its performance even under harsh conditions
- Inch conversion chart and tap drill size chart on back (15 cm - 1 m)
- Made in Japan

### Use

- For measuring length, drawing lines and marking

### Specifications

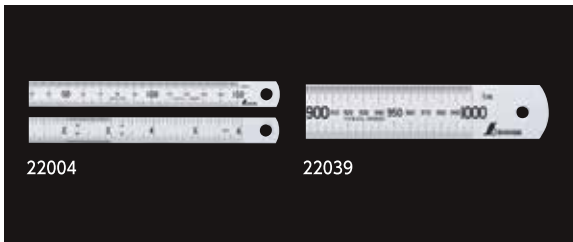
	21010	21085	21028	21107
Upper Graduation	1 mm pitch			
Lower Graduation	0.5 mm pitch			
Material	Stainless steel			

	21589	21607	21566
Upper Graduation	0.5 mm pitch for up to 10 cm 1 mm pitch for the rest		
Lower Graduation	1 mm pitch		
Material	Stainless steel		

Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
21010	H-101A 15 cm <b>JIS</b> <b>Red</b> <b>En</b>	175×15×0.5	10	50	<b>V</b>
21085	H-101C 30 cm <b>JIS</b> <b>Red</b> <b>En</b>	335×25×1.0	65		
21028	H-101E 60 cm <b>JIS</b> <b>Red</b> <b>En</b>	640×30×1.2	180	10	
21107	H-101F 1 m <b>JIS</b> <b>Red</b> <b>En</b>	1,050×35×1.5	425		
21589	H-102G 1.5 m <b>JIS</b> <b>Red</b> <b>En</b>	1,565×40×2.0	950	5	
21607	H-102H 2 m <b>JIS</b> <b>Red</b> <b>En</b>	2,065×40×2.0	1,250		
21566	H-102I 3 m <b>En</b>	3,065×40×3.0	2,865		

## Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



### Features

- Metric scale on front side and inch scale on back side
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Etching and plating finish maintains its performance even under harsh conditions
- Made in Japan

### Use

- For measuring length, drawing lines and marking

### Specifications

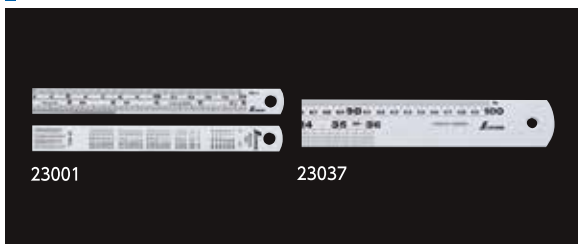
	22004	22012	22021	22039
Front Side	Upper	0.5 mm pitch		
	Lower	1 mm pitch		
Back Side	Upper	1/10", 1/20", 1/50" pitch		
	Lower	1/16", 1/32", 1/64" pitch		
Material	Stainless steel			

Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
22004	H-201A 15 cm/6" <b>En</b>	175×15×0.5	10	50	<b>V</b>
22012	H-201C 30 cm/12" <b>En</b>	335×25×1.0	65		
22021	H-201E 60 cm/24" <b>En</b>	640×30×1.2	180	10	
22039	H-201F 1 m/36" <b>En</b>	1,050×35×1.5	425		

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

### Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



#### Features

- Metric scale on upper side and inch scale on lower side
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Etching and plating finish maintains its performance even under harsh conditions
- Made in Japan

#### Use

- For measuring length, drawing lines and marking

#### Specifications

		23001	23021	23029	23037
Front Side	Upper	0.5 mm, 1 mm pitch			
	Lower	1/16", 1/32", 1/64" pitch			
Back Side		Conversion table			
Material		Stainless steel			

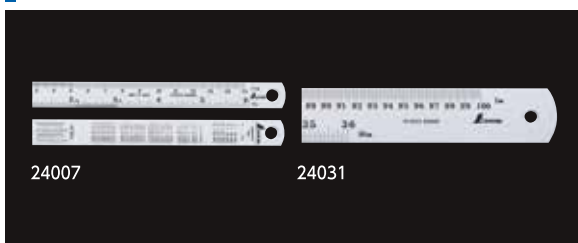
		23159	23167	23175
Front Side	Upper	0.5 mm, 1 mm pitch		
	Lower	1/16", 1/32", 1/64" pitch		
Back Side		Plain		
Material		Stainless steel		

Item Code	Description		Overall Length×Width× Thickness (mm)	Weight (g)	Packing Unit	Package
23001	H-301A 15 cm/6"	En	175×15×0.5	10	50	
23021	H-301C 30 cm/12"	En	335×25×1.0	65		
23029	H-301E 60 cm/24"	En	640×30×1.2	180	10	V
23037	H-301F 1 m/36"	En	1,050×35×1.5	425		
23159	H-302G 1.5 m/60"	En	1,565×40×2.0	950	5	
23167	H-302H 2 m/78"	En	2,065×40×2.0	1,250		
23175	H-302I 3 m/118"	En	3,065×40×3.0	2,865		

Squares/Protractors

Tape Measures

### Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



#### Features

- Metric scale on upper side and inch scale on lower side
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Etching and plating finish maintains its performance even under harsh conditions
- Made in Japan

#### Use

- For measuring length, drawing lines and marking

#### Specifications

		24007	24015	24023	24031
Front Side	Upper	0.5 mm, 1 mm pitch			
	Lower	1/16", 1/32", 1/64" pitch			
Back Side		Conversion table			
Material		Stainless steel			

		24252	24260	49099
Front Side	Upper	0.5 mm, 1 mm pitch		
	Lower	1/16", 1/32", 1/64" pitch		
Back Side		Plain		
Material		Stainless steel		

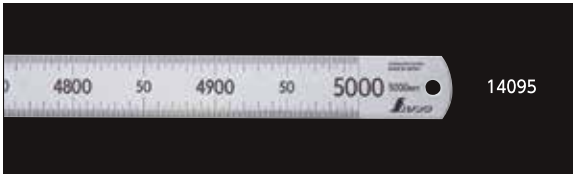
Item Code	Description		Overall Length×Width× Thickness (mm)	Weight (g)	Packing Unit	Package
24007	H-401A 15 cm/6"	En	175×15×0.5	10	50	
24015	H-401C 30 cm/12"	En	335×25×1.0	65		
24023	H-401E 60 cm/24"	En	640×30×1.2	180	10	V
24031	H-401F 1 m/36"	En	1,050×35×1.5	425		
24252	H-402G 1.5 m/60"	En	1,565×40×2.0	950	5	
24260	H-402H 2 m/78"	En	2,065×40×2.0	1,250		
49099	H-402I 3 m/118"	En	3,065×40×3.0	2,865		

Construction Tools

Industrial Tools

Inklines/Chalklines/  
Punchholders

## Stainless Steel Rule Polish Finish [Metric]



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
14087	4 m	4,065×45×3.0	4,253	1	<b>V</b>
14095	5 m	5,065×45×3.0	5,299		
14109	6 m	6,065×45×3.0	6,345		

### Features

- Polish finish offers both fine metallic luster and reasonable price
- Made in Japan

### Use




- For measuring length, drawing lines and marking

### Specifications

	14087	14095	14109
Upper Graduation	1 mm pitch		
Lower Graduation	1 mm pitch		
Material	Stainless steel		

## Flexible Stainless Steel Rule Hard Chrome Finish [Metric]



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
29017	H-701C 30 cm 	325×15×0.5	18	50	<b>V</b>
29025	H-701E 60 cm 	630×15×0.5	35	10	
29033	H-701F 1 m 	1,030×15×0.5	60		

### Features

- Narrower and thinner rule with flexibility
- Its quality is the same as JIS products
- Can be used to match curved surfaces
- Made in Japan

### Use

- For measuring curves or attaching to machines

### Specifications

	29017	29025	29033
Upper Graduation	1 mm pitch		
Lower Graduation	0.5 mm pitch		
Material	Stainless steel		

## Precision Stainless Steel Rule Polish Finish with JCSS Certificate

### Features

- Rules for examination or calibration
- Comes with a premium wooden box

### Use

- For calibration of all types of measuring instruments

### Specifications

Material	Stainless steel
Graduations for Instrumental Error	0.25 mm pitch (1 mm before and behind) on 30 cm, 60 cm, 1 m
Graduations	1 mm pitch except for graduations for instrumental error
Graduations Line Width	0.1 - 0.2 mm
Length Tolerance	±0.06 mm
Coefficient of Linear Expansion	10.3 × 10 <sup>-6</sup> /°C



14115



Graduations for Instrumental error

**with JCSS Certificate** \*1 \*1 Measuring points at every 100 mm (only bottom side scale)

Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
14113	30 cm *2	310×30×10	724	1	<b>B</b>
14114	60 cm *2	610×30×10	1,425		
14115	1 m	1,010×30×10	2,360		

\*2 30 cm and 60 cm models are made-to-order items.

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

Squares/Protractors

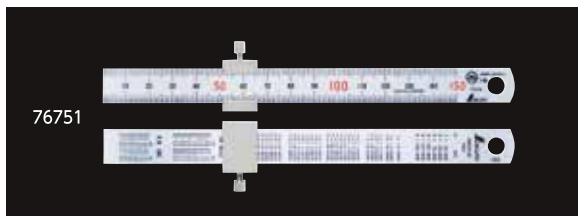
Tape Measures

Inklines/Chalklines/  
Plumbholders

Construction Tools

Industrial Tools

## Stainless Steel Rule Hard Chrome Finish with Stopper



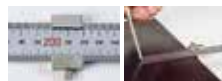
Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
76751	15 cm	JIS	175×22 (15)×5 (0.5)	20	10	
76752	30 cm	JIS	335×35 (25)×6 (1.0)	90		

### Features

- JIS Grade 1
- Attached stopper enables it to hold and measure depth more easily and accurately

### Use

- For marking, measuring length, depth and height of step



### Specifications

Upper Graduation	1 mm pitch
Lower Graduation	0.5 mm pitch
Material	Rule: Stainless steel Stopper: Brass (Nickel plating)

## Rule Stopper



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
76745	for 15 cm Rule	15×22×5	9		
76746	for 30 cm Rule	20×35×6	23.5	10	
76747	for 60 cm Rule	20×40×6	24		
76748	for 1 m Rule	20×50×6	30		
76749	for 1.5 and 2 m Rule	20×55×8	42.5	5	

### Features

- Attaches to a ruler to make it easier to hold and measure depth more easily and accurately

### Use

- For marking, or measuring length, depth and height of step

### Specifications

	76745	76746	76747	76748	76749
Suitable Size (Width × Thickness)	15 × 0.5 mm	25 × 1.0 mm	30 × 1.2 mm	35 × 1.5 mm	40 × 2.0 mm
Material	Brass (Nickel plating)				

## Metal Rules Grade 1 of JIS B7516 (abstract) 150 - 2,000 mm

as of June 2021

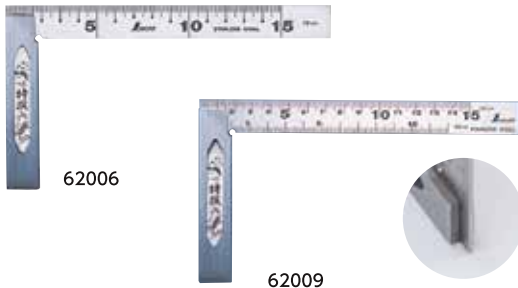
Standard	Grade 1 of JIS B7516: 2005	
Material	SUS420 J2 of JIS G 4305 or that equivalent or superior to this in quality	
Hardness of Material	Hv400 min	
Tolerance of Length (Unit : mm) *Temperature at 20°C	Length	Tolerance
	500 max	±0.15
	over 500 - 1,000 max	±0.20
	over 1,000 - 1,500 max	±0.25
	over 1,500 - 2,000 max	±0.30

■ All of our stainless steel rules that are compatible with Japanese Industrial Standard (JIS) under the specifications above display a JIS mark. Although some of our rules do not have the JIS mark displayed because they exceed JIS specifications due to unusual graduations, shapes, or sizes, all of our products whether compatible or not have gone through strict product inspections based on the JIS specifications above to provide safe, high-quality products.

■ Material less than 2 m: Stainless steel SUS420J2 Over 3 m: Stainless steel SUS304  
SUS420J2 has a baked finish, SUS304 doesn't have a baked finish.  
Length tolerance over 3 m: 3 m±0.5 mm, 4 m±0.65 mm, 5 m±0.8 mm, 6 m±0.95 mm  
(SUS means Stainless Steel—rust-resistant, HV refers to Vickers Hardness—a unit for hardness.)



## Japanese Try Square



### Features

- Use square scale to work out the size of right square lumber you can cut from a log (62014, 62006)
- Both front and back have metric scales (62009)

### Use

- For inspection of the right angle on material objects or products
- For marking right angles

Inspection of the angle Square scribing



### Specifications

	62014	62006	62009
Base Size (mm)	94 × 18 × 8		
Blade Size (mm)	161 × 18 × 1.5	177 × 18 × 1.5	
Angle Tolerance	Less than 0.1 mm per 100 mm		
Length Tolerance	±0.3 mm		
Material	Stainless steel		

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
62014	13 cm with Square Scale	161×100×8	110	6	<b>V</b>
62006	15 cm with Square Scale	177×100×8	114		
62009	15 cm	177×100×8	114		

## Precision Square with Base



### Features

- Comparable to Japanese Industrial Standards (JIS) B7526 Grade 2
- Precision-finished measurement surface

### Use

- For measuring and scribing right angles in various kinds of work



### Specifications

Angle Tolerance	±(20+L/10) μm L is the nominal length (mm)
Material	S50C (carbon tool steel)

Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
73350	50 mm JIS Grade 2 Comparable <b>En</b>	50×40×10	50	1	<b>B</b>
73351	75 mm JIS Grade 2 Comparable <b>En</b>	75×50×13	100		
73352	100 mm JIS Grade 2 Comparable <b>En</b>	100×70×15	180		
73353	150 mm JIS Grade 2 Comparable <b>En</b>	150×100×19	400		
73354	200 mm JIS Grade 2 Comparable <b>En</b>	200×130×22	740		
73355	250 mm JIS Grade 2 Comparable <b>En</b>	250×164×22	1,000		
73356	300 mm JIS Grade 2 Comparable <b>En</b>	300×200×25	1,700		

# 5. Squares/Protractors

Packaging **B** Box **V** Vinyl package + header card **C** Card **SP** Sleeve package **B** Bag **V** Vinyl package

Carpenter's Squares

## Miter Rule 45°90°

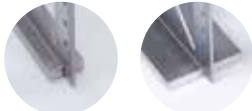
32740



32674



62189



32740/32674

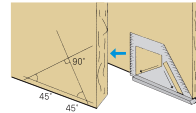
62189

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
32740	Standard Model	170×100×15	177	6	<b>SP</b>
32674	Standard Model S-1462 Inch Graduations	170×100×15	177		
62189	with 40 mm Wide Fence	170×100×40	334		

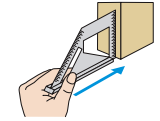
### Features

- Can be used to check 45° and 90° angles and marking work
- Mark both left and right 45° angles with one side

As Miter Gauge



As Try Square



### Use

- For matching 45° angles on framework
- For inspection of the right angle on material objects or products

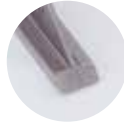
### Specifications

	32740	32674	62189
Base Size (mm)	163 × 15 × 5		163 × 40 × 5
Size Other Than Base (mm)	170 × 100 × 1.5		
Angle Tolerance	45°: Less than 0.2 mm per 100 mm 90°: Less than 0.1 mm per 100 mm		
Length Tolerance	±0.3 mm		
Material	Stainless steel		

Tape Measures

## Miter Rule 45°

32712  
62162



32712  
62060  
62110

62060



62110



62162



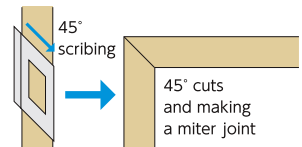
Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Package
32712	Standard Model	170×62×15	119	12	<b>SP</b>
62060	with Graduations	170×62×15	119		
62110	with Right Angle	170×62×15	133		
62162	with 40 mm Wide Fence	170×62×40	251	6	<b>B</b>

### Features

- Helps check and scribe 45° easily
- Top has a cm scale and edges have 3 mm (equivalent to 1/100th of a shaku) pitch graduations (62060)
- Top and edge have 3 mm (equivalent to 1/100th of a shaku) pitch graduations (62110)
- Can confirm 45° and 90° angles at the same time, and is easy to use for scribing
- Four different types available: Standard, with Graduations, with Right Angle, and with 40 mm Plate

### Use

- For testing 45° angles, drawing lines, and scribing
- With Right Angle: Testing 90° angles, drawing lines, and scribing (62110)



### Specifications

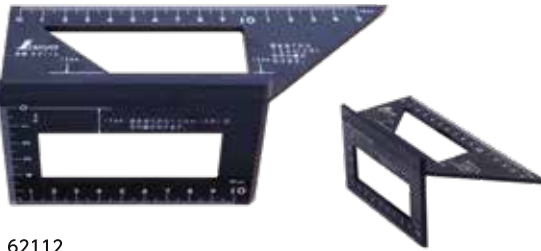
	32712	62060	62110	62162
Base Size	115 × 15 × 5 mm			116 × 40 × 6 mm
Angle Tolerance	Less than 0.2 mm per 100 mm			
Length Tolerance	±0.3 mm			
Material	Stainless steel			

**NEW** New catalog items **JIS** JIS mark **☑** With red numbers **🧲** With magnet **🇬🇧** English package **🇯🇵** Japanese zodiac signs

## Miter Rule 3D 45°90°



32722



62112

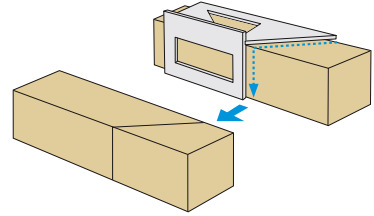
Item Code	Description	Overall Length×Height×Thickness (mm)	Weight (g)	Packing Unit	Packaging
32722	Aluminum <b>En</b>	170×63×73	90	6	<b>C</b>
62112	Polycarbonate	170×63×73	44		

### Features

- Can confirm 45° and 90° angles at the same time, and is easy to use for scribing lines
- Can draw a 15 mm wide line necessary for areas such as a crown molding
- Excellent stability

### Use

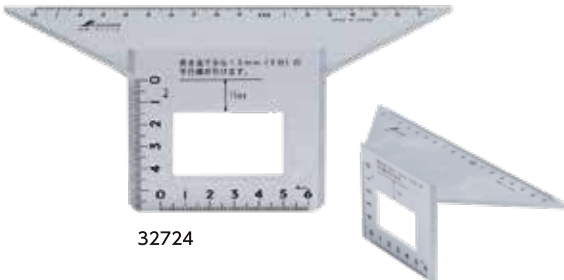
- For testing precise 45° and 90° angles
- For marking the base layout of a 45° angle



### Specifications

	32722	62112
Angle Tolerance	Less than 0.2 mm per 100 mm	
Length Tolerance	±0.2 mm	
Material	Aluminum	Polycarbonate resin

## Miter Rule 3D 45°



32724

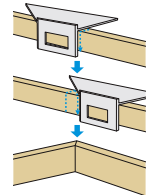
Item Code	Description	Overall Length×Height×Thickness (mm)	Weight (g)	Packing Unit	Packaging
32724	Aluminum <b>En</b>	200×63×73	100	6	<b>C</b>

### Features

- Mark precise 45° angles both left and right just by sliding the Miter Rule. No need to reverse the gauge itself.
- Excellent stability
- Convenient to work on baseboard corners

### Use

- For testing precise 45° and 90° angles
- For marking the base layout of a 45° angle



### Specifications

Angle Tolerance	Less than 0.2 mm per 100 mm
Length Tolerance	±0.2 mm
Material	Aluminum

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

Squares/Protractors

Tape Measures

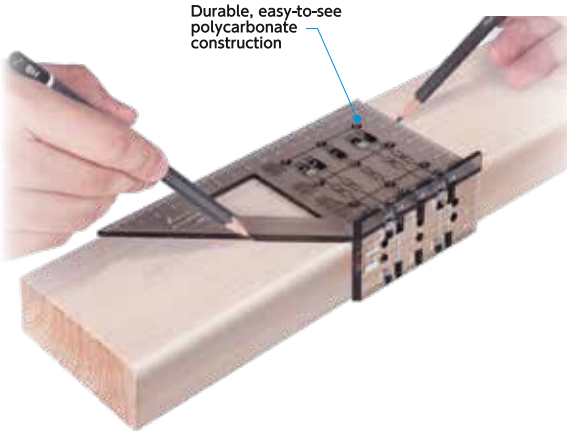
Inklines/Chalklines/  
Plumbholders

Construction Tools

Industrial Tools

# Miter Rule 3D 45° 90° Two-by-Four

**NEW**



62115

Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
62115	Clear	178×92×51	55	6	<b>SP</b>

### Features

- Easily mark wood with the width and thickness of 2x4 lumber.
- Easily divide the 2x4 width (89mm) into equal parts of 1/2, 1/3, or 1/4.



1/2

1/3

1/4



### Use

- For testing and marking precise 45° and 90° angles

### Specifications

Angle Tolerance	Less than 0.2 mm per 100 mm
Length Tolerance	±0.2 mm
Measuring Range	Graduation: 1 - 150 mm
Material	Polycarbonate

# Aluminum Sliding Bevel



62582

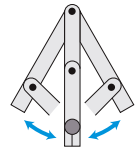
Angle Graduation



Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
62581	30 cm with Angle Scale	<b>En</b> 355×30×28	265	5	<b>VH</b>
62582	45 cm with Angle Scale	<b>En</b> 505×30×28	380		
62583	60 cm with Angle Scale	<b>En</b> 655×30×28	480		

### Features

- Useful for checking angles on welded areas
- Blade can be on either side of the stock for symmetrical work
- Cross brace prevents any accidental change in angle
- Light aluminum material
- Thick blade can be used as a guide for a circular saw
- Angle scale is 1° pitch for 20° - 120°, and gradient scale is 1/10 pitch for 0 - 10
- Screw stopper easy to tighten and loosen
- With tape for writing down angles or other notes



### Use

- Scribing and drawing of any angle
- After measuring the gradient, it can be used as a guide for a circular saw
- Model with graduation can be used to measure length as well
- For checking a roof's slope

### Specifications

	62581	62582	62583
Length Tolerance	±0.3 mm	±0.35 mm	
Material	Body: Aluminum Screw: Polypropylene resin		

## Sliding Bevel



### Features

- Can be adjusted to any angle
- Lightweight and solid aluminum handle
- Fixing screw on the tail doesn't get in the way

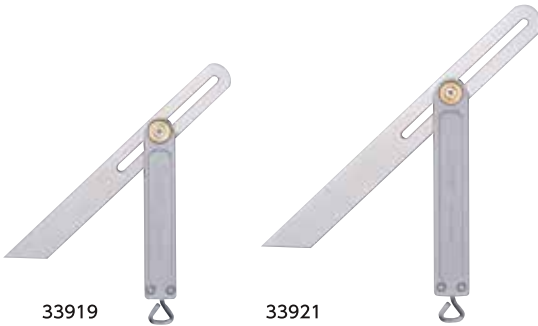


### Use

- Scribing and drawing of any angle
- For scribing dovetail or ink scribing

### Specifications

Material	Blade: Stainless steel	Handle: Aluminum
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33919

33921

Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
33919	SB-8 8"	<b>En</b> 235×22×17	120	6 (60)	<b>SP</b>
33921	SB-10 10"	<b>En</b> 285×25×17	160		

## Japanese Sliding Bevel

31483

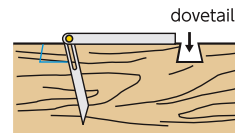


### Features

- Can be adjusted to any angle
- Sliding bevel can be fixed at any angle with screw stoppers

### Use

- Scribing and drawing of any angle
- For scribing dovetail or ink scribing



### Specifications

Material	Body: Stainless steel	Screw: Brass
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Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	Packing Unit	Packaging
31482	15 cm	<b>En</b> 180×14×5.5	111	12	<b>VH</b>
31483	25 cm	<b>En</b> 250×19×5.5	202		

## Protractor Hard Chrome Finish

31863



- 10 cm compact size
- Pocket-sized portable

31861



- Classic protractor

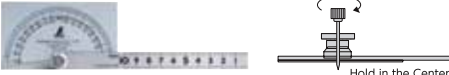
31862



62901



62928



- Center lock nut has a needle built-in to hold in the center

31864



- Square protractor board guides outside edge

31865



- Groove on the protractor board allows the blade to be locked tightly

Item Code	Description		Body Size (mm)	Weight (g)	Packing Unit	Packaging
31863	Mini φ40 10 cm		120×26×5	20	10	
31861	No.19 φ90 10 cm		200×52×16	65		
31862	No.19 Double-blade φ90 10 cm		200×52×15	82		
62901	No.182 φ90 10 cm		200×50×25	80	1	
62928	No.183 Square 10 cm		200×55×15	100		
31864	No.30 φ120		305×68×17	150	5	
31865	No.101 φ120 15 cm with Groove		305×68×17	150		
62898	No.300 φ210 30 cm		450×115×25	500	1	
62839	No.300 Double-blade φ210 30 cm		500×115×25	660		

### Features

- Etching + black chrome coating on graduations help to last long
- Bold, easy-to-read graduations
- Hard chrome finish (matte processed) prevents its surface with excellent durability and prevents glare on the scale for high readability
- No.300 have a trigonometric function chart on the back
- Double blade model
  - Firmly matches shapes that a regular protractor board can't match



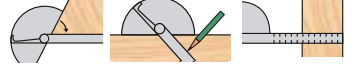
- Measures the angle on the edge of a blade
- Measures any angles
- Expands up to 20 cm (31863)



### Use

- For measuring angles, scribing, and measuring length

Angle Measure    Scribing    Length Measure



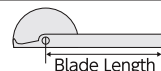
\*Except 31864

### Specifications

	31863	31861	31862
Angle Plate	Size	40 mm	90 mm
	Thickness	1.0 mm	1.2 mm
	Angle pitch	2°	1°
Blade	1:Single 2:Double	2	1    2
	Length	100 mm	153 mm
	Graduation	10 cm	
Material	Main Part: Stainless steel Fixing Pins: Stainless steel	Main Part: Stainless steel Screw: Brass	

	62901	62928	31864
Angle Plate	Size	90 mm	55 × 94 mm
	Thickness	1.2 mm	1.5 mm
	Angle pitch	1°	
Blade	1:Single 2:Double	1	
	Length	153 mm	245 mm
	Graduation	10 cm	—
Material	Main Part: Stainless steel	Screw: Brass	

	31865	62898	62839
Angle Plate	Size	120 mm	210 mm
	Thickness	1.5 mm	2.0 mm
	Angle pitch	1°	0.5°
Blade	1:Single 2:Double	1    2	
	Length	245 mm	385 mm
	Graduation	15 cm	30 cm
Material	Main Part: Stainless steel Screw: Brass	Main Part: Stainless steel    Screw: Iron	





## Tape Measure RIGHT GEAR



Nylon-coated tape for durability against friction and scratching

Nylon coating  
Baked finish  
Carbon steel

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
80862	19-5.5 m	JIS 72×72×40	222		
80864	25-5.5 m	JIS 72×72×45	268	12 (48)	
80865	25-5.5 m with Magnetic Hook	JIS  72×72×45	268		
80867	25-7.5 m	JIS 85×82×45	378	6 (24)	
80868	25-7.5 m with Magnetic Hook	JIS  85×82×45	378		

### Features

- JIS Grade 1 (metric graduation model)
- Hook guard structure to protect hook from shocks due to drops, etc.
- Shock proof protector covers the body
- Convenient large hook hanger to attach a safety cord
- Shock absorber attached to reduce impact when retracting tape
- Belt clip
- Hand strap
- 455 mm pitch indication
- Zero point auto-correct hook
- Strong neodymium magnet sticks well to steel frames (80865/80868)
- Double-sided graduations (Metric graduations are vertical graduations on the reverse)

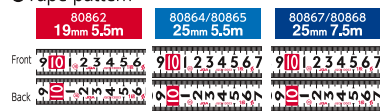
### Use

- For measuring length

### Specifications

	80862	80864	80865	80867	80868
Tape	Width	19 mm	25 mm		
	Length	5.5 m		7.5 m	
Material	Body: ABS resin, elastomer resin Tape: Carbon tool steel				

### ● Tape pattern



## MAG-LOCK Holder for Tape Measure



- Compatible with horizontal belts and full harness vertical belts



Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
80831	for Tape Measure	95×60×29	75	6	

### Features

- Instantly catches stopper and can be easily removed with one hand
- Stopper can rotate 360° when attached to the holder, which lessens impacts
- Gap prevention spacer prevents gaps for belts of different thicknesses
- Holder can be attached without removing belt and firmly fixed with its screw
- Hold release button is located in center for either vertical or horizontal belt attachment
- Metal swivel hook for safety cord attachment



### Use

- For holding tape measure

### Specifications

Attachable Belt	Less than 60 mm wide and less than 4 mm thick
Attachable Tape Measure	Shinwa Rules' Tough Gear/Light Gear/Smart Gear Series
Material	Body: ABS resin, polycarbonate resin, polyacetal resin Magnet: Neodymium Screw: Iron Stainless hook, Shaft pin Spring: Stainless steel Nut: Iron, brass
Included	Installation stopper, gap prevention spacer

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

Squares/Protractors

Tape Measures

Inklines/Chalklines/  
Plumbholders

Construction Tools

Industrial Tools

## Handy Ink Line Marker Pro Plus / Jr. Plus

**AUTO**  
rewind  
10 m  
Thin Thread  
20 m



73280

21681

**AUTO**  
rewind  
8 m  
Thin Thread  
15 m



73282

73283

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	packaging
73280	Pro Plus Auto-rewind Black	200×81×40	190	6 (36)	<b>SP</b>
21681	Pro Plus Auto-rewind Blue <b>En</b>	200×81×40	190		
73282	Jr. Plus Auto-rewind Black	175×70×38	155		
73283	Jr. Plus Auto-rewind Coral Red	175×70×38	155		

### Features

- Threader is unnecessary since tank lid opens and closes smoothly
- One-touch line guide helps to mark to a corner easily



- Angled mouth helps to fix thread easily as it reduces strain on the hand when pressing down on it
- "Marking button" that creates a thick, bold line
- Sealed ink tank with rubber gasket prevents leaking
- Can be stowed in special holder sold separately



### Use

- For all types of marking

### Specifications

	73280	21681	73282	73283
Material	Body: ABS resin, polyacetal resin, silicon rubber, rubber, stainless steel Spring: Stainless steel Anchor Pin: ABS resin, rubber Pin: Spring steel Thread: Nylon Sponge: Cellulose			
Thread	φ0.6 mm × 20 m		φ0.6 mm × 15 m	
Ink Capacity	Approx. 15 ml		Approx. 10 ml	

## Handy Ink Line Marker SUMIWAZA

**AUTO**  
rewind  
10 m  
Thin Thread  
18 m



77845

- With large sealed ink tank that is easy to fill



Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	packaging
77845	Auto-rewind Brown	226×85×86	280	4	<b>SP</b>

### Features

- "Marking button" that releases more ink
- Thread hold guide clicks in every 90°
- 80 ml capacity ink tank
- Threader is set on the back

### Use

- For all types of marking

### Specifications

Material	Body: ABS resin, polyacetal resin Spring: Stainless steel Anchor Pin: ABS resin, rubber Pin: Spring steel Thread: Nylon Cotton: Chemical fiber Threader: Polyacetal resin
Thread	φ0.6 mm × 18 m



## Handy Chalk Line Neo

**AUTO**  
rewind  
8 m  
Thick Thread  
10 m



77493

**HAND**  
rewind  
Thick Thread  
10 m



77494

**AUTO**  
rewind  
8 m  
Thin Thread  
15 m



21297

**HAND**  
rewind  
Thin Thread  
15 m

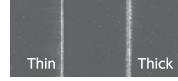


21299

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
77493	Auto-rewind Thick Thread Yellow	180×76×45.5	185	6 (36)	<b>SP</b>
77494	Hand-rewind Thick Thread Blue	160×76×45.5	120		
21297	Auto-rewind Thin Thread Orange <b>En</b>	180×76×45.5	185		
21299	Hand-rewind Thin Thread Purple <b>En</b>	160×76×45.5	120		

### Features

- Clear body allows you to check for remaining powder and lumps
- Sealed tank prevents powder leaking and humidity entering
- Special yarn holds more chalk powder
- Safety Anchor Pin II for both thick and thin lines (77493/21297)
- Wide opening for easier thread replacement
- With metal hook for metal/concrete



Thick Thread: Thread diameter 1mm for steel frame, construction, sheet metal work  
Thin Thread: Thread diameter 0.5 mm for building and interior work

### Use

- For marking lines with chalk
- \*Please use our chalk powder

### Specifications

	77493	77494	21297	21299
Material	Body: ABS resin, polyacetal resin (Auto-rewind), silicon rubber Anchor Pin: ABS resin, rubber Pin: Spring steel Thread: Nylon Spring (Auto-rewind): Stainless steel Metal Hook, Thread Mouth Ring: Stainless steel Felt: Chemical fiber			
Thread	φ1.0 mm × 10 m		φ0.5 mm × 15 m	

## Handy Chalk Line

**HAND**  
rewind  
Thick Thread  
20 m

**5X**  
faster



77560

With metal hook for metal/concrete

**HAND**  
rewind  
Thin Thread  
20 m



77927

With metal hook for metal/concrete

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
77560	5x Speed Hand-rewind	165×88×58	162	6	<b>SP</b>
77927	Hand-rewind Red	185×90×40	138		

### Features

- 5x Speed Hand-rewind
- 5 times faster rewinding with geared reel
- Clear body allows you to check for remaining powder and lumps
- Wide opening tank mouth enables to pour chalk powder directly from bottle
- The handle lock allows better handling and thread is retracted just by pushing back the handle
- Special yarn holds 3 times more chalk powder
- Hand-rewind Red
- Clear body allows you to check for remaining powder and lumps
- Sealed tank prevents powder leaking and humidity entering



### Use

- For marking lines with chalk
- \*Please use our chalk powder

### Specifications

	77560	77927
Material	Body: ABS resin, polycarbonate resin Anchor: ABS resin, rubber Anchor Needle: Spring steel Thread: Polyester Thread Mouth: Stainless steel Threader: Brass, iron Metal Hook: Stainless steel Felt: Chemical fiber	Body: ABS resin, Anchor: ABS resin, rubber Anchor Needle: Spring steel Thread: Nylon Thread Mouth Ring: Stainless steel Threader: Polyacetal resin
Thread	φ1.0 mm × 20 m	φ0.5 mm × 20 m

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

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Tape Measures

Inclines/Chalklines/  
Plumbholders

Construction Tools

Industrial Tools

## Thread Reel

**AUTO**  
rewind  
8 m  
Thread Length  
15 m



77446

**HAND**  
rewind  
Thread Length  
30 m



77456

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
77446	II Auto-rewind Red	110×69×31	90	6	<b>SP</b>
77456	II Hand-rewind Green	110×69×31	65		

### Features

- Thin, lightweight size that fits in the palm of the hand
- Needle and thread replacements are simple since no tools are needed to take apart
- Main body's fixed needles can be stored safely with the needle cover
- Needle cover can be smoothly pushed down with one hand during use
- Since the needle interval is wide, the device is stable when needles are pinned



### Use

- For leveling of lintel, finding length of rafter edge, and adjusting height of joist

### Specifications

	77446	77456
Material	Body: ABS resin, polyacetal resin, stainless steel Spring: Stainless steel (77446) Anchor: ABS resin, spring steel, rubber Needle: ABS resin, spring steel Thread: Nylon	
Thread	φ0.6 mm × 15 m	φ0.6 mm × 30 m

## Handy Plumb Holder

**AUTO**  
rewind  
Thread Length  
5 m



77375

**HAND**  
rewind  
Thread Length  
10 m

**3X**  
faster



77377



**AUTO**  
rewind  
Thread Length  
3.5 m



77501



21364



21392

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
77375	Pro Auto-rewind Red	125×100×35	225		
21364	Pro Auto-rewind Red with Plumb Bob 400 g	—	—		
77377	Pro Hand-rewind Blue	125×100×45	185	5	<b>SP</b>
77501	Jr. Auto-rewind Red	87×82×27	120		
21392	Jr. Auto-rewind Red with Plumb Bob 200 g	—	—		

### Features

- Firmly fix by tapping with a hammer
- Pin can be changed by hand
- Spring drum is made of rust-resistant stainless steel
- Neodymium magnet sticks strongly
- Unit is covered with elastomer resin for shock-resistance
- Pro Hand-rewind Blue
  - Folding handle for Pro Hand-rewind Blue
- Jr. Auto-rewind Red
  - Lightweight, compact and portable



About 60% smaller compared to size of Pro model

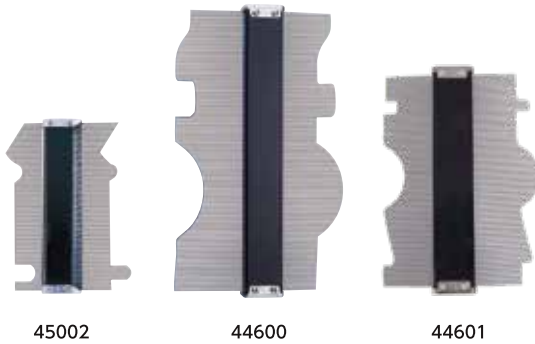
### Use

- For verifying perpendicularity of pillars, walls, and frames

### Specifications

	77375	21364	77377	77501	21392
Material	Body: ABS resin, elastomer resin Spring: Stainless steel (77375/21364/77501/21392) Pointer: Spring steel Thread: Nylon Magnet: Neodymium magnet				
Thread Length	5 m	10 m	3.5 m		
Usable Plumb	100 g - 850 g (1 kg with drum stopper)	100 g - 1 kg	1 kg	100 g - 400 g	

## Profile Gauge



Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Packaging
45002	A 150 mm	150×84×18	230	6	
44600	B 300 mm	300×150×31	977	4	<b>SP</b>
44601	C 200 mm	203×120×22	465	5	

### Features

- Gauge adapts to any shape
- Rust-resistant stainless steel pins

### Use

- For shaping the angles of carpets/mats and curves in wood or steel



Fit the item into the object

Draw a line along the shape

Cut the object along the line

### Specifications

	45002	44600	44601
Usable Range	Approx. 148 × 49 mm (width × depth)	Approx. 293 × 106 mm (width × depth)	Approx. 190 × 81 mm (width × depth)
Numbers of Strings	Approx. 185 pcs	Approx. 280 pcs	Approx. 195 pcs
String Size	φ0.8 × 84 mm	φ1.0 × 150 mm	φ1.0 × 120 mm
Material	Pins: Stainless steel		

## Log Scriber



1 pc Scribing Ink Pencil included

44625



77597

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Packaging
44625	Log Scriber	250×55×70	350	1	<b>SP</b>
77597	Replacement Scribing Ink Pencil 2 pc-pack for Log Scriber	φ7.5×183	7		<b>B</b>

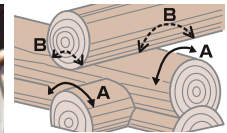
### Features

- Essential compass for scribing to build a log house
- Works as a double scriber by replacing the needle with a Scribe Ink Pencil
- Level on the front for better visibility when scribing
- Line drawn by a Scribe Ink Pencil is black and can be erased. If it gets wet, the line turns to blue and cannot be erased.
- Fine adjustment simple even after fixing scribe width

### Use

- For scribing around lumber when building a log house

\*Scribe the roundness of lower log to upper log. Scribe on A with needle and draw a line to B by holding Double Scriber horizontally.



### Specifications

Level	Sensitivity: 0.5 mm/m = ±0.0286° Accuracy: ±2.5 mm/m = less than ±0.1432°	
Material	Body: Stainless steel Level Body: ABS resin	Liquid: Petroleum liquid Vial: Acrylic resin

# 15. Industrial Tools

Packaging **B** Box **V** Vinyl package + header card **C** Card **SP** Sleeve package **B** Bag **V** Vinyl package

Carpenter's Squares

## Divider



Stainless Steel Rules/  
Machine Scale

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
77518	A 15 cm	150×18×12.5	112	5	<b>SP</b>
77526	B 20 cm	200×19×12.5	180	5	
77517	C 10 cm	100×17×12.5	70	5	
77536	D 25 cm	250×21×12.5	240	3	
77537	E 30 cm	300×21×12.5	290	3	
73059	A 15 cm with Spring	195×80×17.5	90	5	<b>B</b>
73067	B 20 cm with Spring	250×94×17.5	112	5	
33950	SD-6 15 cm with Spring*	200×85×20	90	1	<b>B</b>
33951	SD-8 20 cm with Spring*	250×100×20	112	1	
33952	SD-10 25 cm with Spring*	310×120×25	161	1	
33953	SD-12 30 cm with Spring*	360×120×25	184	1	

\*Made-to-order items

Squares/Protractors

Tape Measures

Inklines/Chalklines/  
Punchholders

Construction Tools

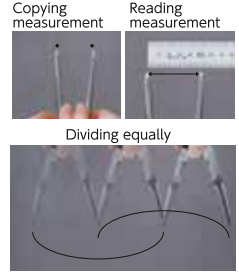
Industrial Tools

### Features

- Hard coating is applied on the tip
- Spring models allow easy fine-adjustment with screw

### Use

- For marking or copying measurement of items



### Specifications

#### Divider

	77518	77526	77517	77536	77537
Usable Range	150 mm (radius)	200 mm (radius)	100 mm (radius)	250 mm (radius)	300 mm (radius)
Material	Carbon steel (hardened tip)				

#### Divider with Spring

	73059	73067
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel (hardened tip)	
	33950	33951
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel (hardened tip)	
	33952	33953
Usable Range	250 mm (radius)	300 mm (radius)
Material	Carbon steel (hardened tip)	

## Outside Caliper



Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
73318	A 15 cm	165×100×12	62	10	<b>SP</b>
73326	B 20 cm	213×120×12	77	10	
33958	OC-6 15 cm with Spring*	175×100×20	83	1	<b>B</b>
33959	OC-8 20 cm with Spring*	225×130×20	98	1	
33960	OC-10 25 cm with Spring*	285×160×25	153	1	
33961	OC-12 30 cm with Spring*	340×160×25	178	1	

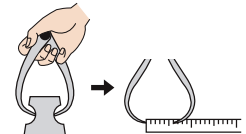
\*Made-to-order items

### Features

- For outer dimension measurement that cannot be measured by vernier caliper

### Use

- For taking readings of outer dimensions, etc.



### Specifications

	73318	73326
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel	
	33958	33959
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel	
	33960	33961
Usable Range	250 mm (radius)	300 mm (radius)
Material	Carbon steel	

## Inside Caliper



73253

33954

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Packaging
73253	A 15 cm	165×20×12	51	10	SP
73261	B 20 cm	210×18×12	60	10	
33954	IC-6 15 cm with Spring *	175×85×20	94	1	B
33955	IC-8 20 cm with Spring *	225×100×20	123		
33956	IC-10 25 cm with Spring *	285×120×25	178		
33957	IC-12 30 cm with Spring *	340×120×25	209		

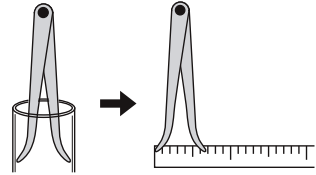
\*Made-to-order items

### Features

- For inner dimension measurement of a pipe or hole

### Use

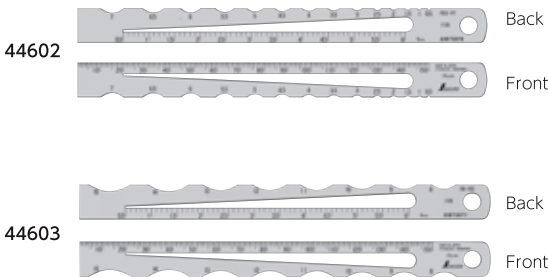
- For taking readings of inner dimensions, etc.



### Specifications

	73253	73261
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel	
	33954	33955
Usable Range	150 mm (radius)	200 mm (radius)
Material	Carbon steel	
	33956	33957
Usable Range	250 mm (radius)	300 mm (radius)
Material	Carbon steel	

## Radius Scale



44602

Back

Front

44603

Back

Front

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Packaging
44602	A-1 R 0.5 - 7 <span style="color: blue;">En</span>	175×15×0.5	7.5	10	SP
44603	A-2 R 8 - 15 <span style="color: blue;">En</span>	175×15×0.5	7.5		

### Features

- 1 scale can be used as a radius gauge, diameter gauge, and as a rule
- Easy to pull out and measure due to its compact size

### Use

- Measurement of radius gauge, measurement of diameter and sheet thickness, and measurement of length



### Specifications

	44602	44603
Accuracy	Radius Gauge: ±0.1 mm Diameter Gauge: ±0.05 mm Straight Rule: ±0.15 mm	
Measuring Range	Radius Gauge: R 0.5 - 7 mm Diameter Gauge: 0.5 - 6 mm Straight Rule: 0 - 150 mm	Radius Gauge: R 8 - 15 mm Diameter Gauge: 0.5 - 6 mm Straight Rule: 0 - 150 mm
Material	Stainless steel	

Carpenter's Squares

Stainless Steel Rules/  
Machine Scale

Squares/Protractors

Tape Measures

Inklines/Chalklines/  
Plumbholders

Construction Tools

Industrial Tools

## Taper Gauge



32728      32795      62610      62615



Easy carrying



32789

32790

Front

Back

32791

Item Code	Description		Body Size (mm)	Weight (g)	Packing Unit	Packaging
32728	No.700 A 1 - 15 mm	<b>En</b>	148×17×1.2	11	10	
32795	No.700 B 15 - 30 mm	<b>En</b>	154×31×1.2	29		
62610	No.700 C 30 - 45 mm		160×46×1.2	50	1	<b>SP</b>
62615	No.700 D 45 - 60 mm		162×60×1.2	70		
32789	1 - 15 mm with Metal Case	<b>En</b>	155×20×6 (During storage)	25	10	
32790	1 - 15 mm with Rule	<b>En</b>	160×26×4.5 (During storage)	21		
32791	Double 1 - 15 mm for Clearance, Hole Diameter, Length	<b>En</b>	144×16.3×5.5	25		

### Taper Gauge No.700 and with Metal Case

#### Features

- Error occurs with the thickness of the gauge itself when measuring a circular hole. Inner diameter revision chart is on the back for better accuracy. (32728/32795)

#### Use

- For measurement of inner diameter or dimension of gap

#### Specifications

	32728	32795	62610	62615	32789
Thickness	1.2 mm				
Accuracy	±0.05 mm				
Measuring Range	1 - 15 mm	15 - 30 mm	30 - 45 mm	45 - 60 mm	1 - 15 mm
Material	Stainless steel				
Hardness	Hv400 or more				

### Taper Gauge with Rule

#### Features

- Error occurs with the thickness of the gauge itself when measuring a circular hole. Inner diameter revision chart is on the back for better accuracy.
- Convenient portable tool combines taper gauge and rule
- Clip comes in handy for measuring depth or hanging in a pocket

#### Use

- For measurement of inner diameter or dimension of gap
- For measuring length and depth

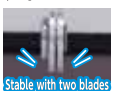
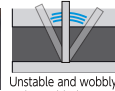
#### Specifications

	Taper Gauge	Rule
Accuracy	±0.05 mm	±0.15 mm
Measuring Range	1 - 15 mm	0 - 150 mm
Material	Stainless steel	
Hardness	Hv400 or more	

### Taper Gauge Double

#### Features

- Thickness when the two blades are aligned together enables stable vertical insertion that keeps measurement reference side from slipping



- With graduations that can be easily read simply by aligning along one side of the gap
- Hole diameter measurement graduations already compensate for error in the sheet thickness, making tedious conversion unnecessary

#### Use

- For measurement of inner diameter or dimension of gap
- For measuring length and depth

#### Specifications

Accuracy	Clearance: ±0.05 mm* Hole Diameter: ±0.05 mm Length: ±0.15 mm
Measuring Range	Clearance: 1 - 15 mm Hole Diameter: φ2 - 15 mm Length: 0 - 120 mm
Material	Stainless steel
Hardness	Hv400 or more

\*Precision is ±0.1 mm when the two blades are together.



## Taper Gauge with Inches

**NEW**

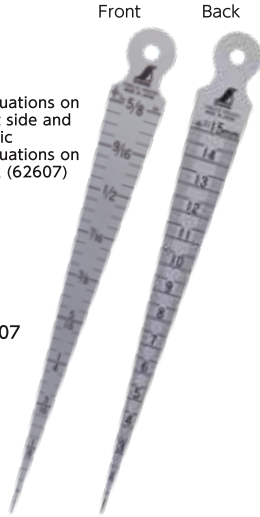
Inch graduations on front side (62606)

62606



Inch graduations on front side and metric graduations on back (62607)

62607



Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
62606	5/8" <span>En</span>	148x17x1.2	11	10	<span>SP</span>
62607	5/8" x 15 mm <span>En</span>				

### Features

- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Inch graduations on front side (62606) inch graduations on front side and metric graduations on back (62607)



### Use

- For measurement of inner diameter or dimension of gap

Hole Diameter Measurement



Gap Dimension Measurement



### Specifications

Item Code	62606	62607
Measuring Range	1/16 - 5/8 in	1 - 15 mm 1/16 - 5/8 in
Accuracy	±0.002 in	±0.05 mm ±0.002 in

## Taper Gauge ABS Resin

Front Back

- Easy-to-grab pickup structure

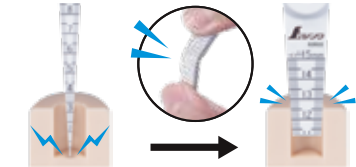


32746



### Features

- ABS resin construction to prevent scratches
- Snap off to measure shallow gaps
- \*Cannot be restored after snapping.



- Laser-engraved graduations for durability

### Use

- For measurement of inner diameter or dimension of gap

Clearance gap measurement



Inner dimension measurement



### Specifications

Accuracy	±0.2 mm
Measuring Range	1 - 15 mm
Material	ABS resin

Item Code	Description	Body Size (mm)	Weight (g)	Packing Unit	Package
32746	1 - 15 mm White <span>En</span>	150x18x3.5	5	10	<span>SP</span>



Website



General Catalog



Instagram



Product Video



**JCSS**  
JCSS 0092

The Quality Assurance Department at Shinwa Rules Co., Ltd. is accredited as an MRA-conforming JCSS laboratory. "JCSS 0092" is the Quality Assurance Department's accreditation number.



**ISO 9001**  
Certified  
**JQA-3160**

(Except for JCSS Calibration)

#### Dealer

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TEL.+81-256-63-8160 FAX.+81-256-63-8134
- Main Office and Tsubame Distribution Center /  
3481 Koike, Tsubame, Niigata, 959-1276, Japan  
Domestic Sales Dept. : TEL.+81-256-63-8130 FAX.+81-256-63-8132  
Logistics Department : TEL.+81-256-63-8130 FAX.+81-256-63-8132  
Administrative Department : TEL.+81-256-63-8120 FAX.+81-256-63-8124
- Sanjo Factory /  
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- Tsubame Factory /  
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TEL.+81-256-63-8151 FAX.+81-256-61-1114

The product specifications are subject to change without notice.  
Please note that the color tone of products from this catalog and the actual products may be different.



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