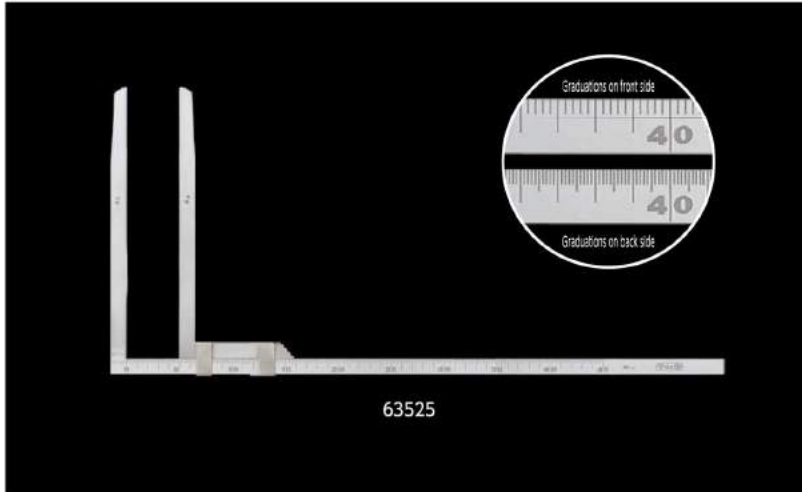


## Large Caliper



Item Code	Description	Caliper Length (mm)	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
63509	30 cm	160	420x15x3.0	278	4 960910 635098	1	
63517	35 cm	200	480x15x3.0	326	4 960910 635173	1	
63525	45 cm	260	590x15x3.0	416	4 960910 635258	1	
63541	60 cm	330	770x17x3.0	597	4 960910 635418	1	
63568	75 cm	430	960x18.5x4.0	1,127	4 960910 635685	1	
63592	1 m	580	1,200x20x4.0	1,575	4 960910 635920	1	

### Features

- Can easily measure diameter of trees and timber

### Use

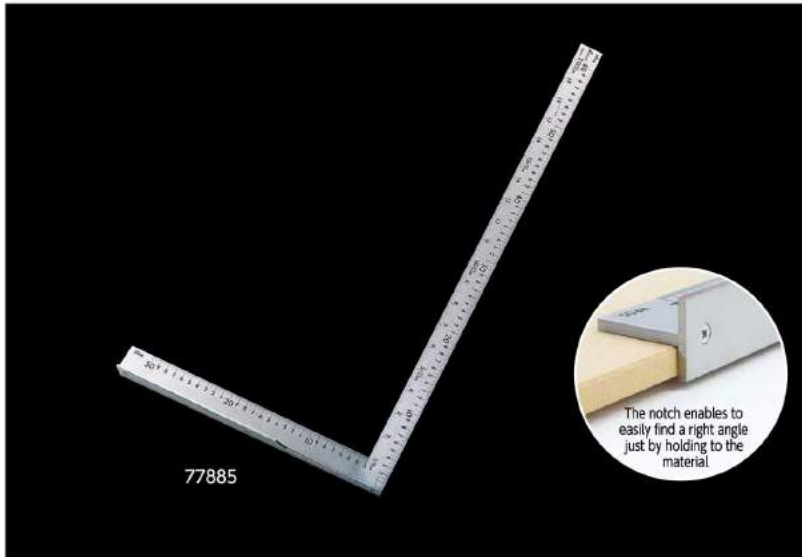
- To measure the diameter of timber
- To assort rounded objects by size like fruits



### Specifications



## Carpenter's Square with Fence



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
77885	60 cm/shaku	630 (330) x 30 x 4 (edge 330 x 25 x 3)	1,000	4 960910 778856	2	

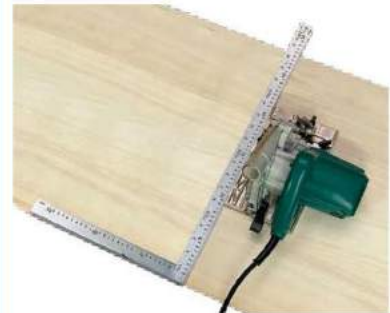
Refer to P. 2 about the shaku scale

### Features

- Edge holds to the material tightly and prevents sliding when cutting with an electric circular saw or marking
- All stainless steel made, heavy and tough
- Shaku graduation is marked inside of long branch

### Use

- Use as a guide rule for electric circular saws
- For all types of marking and measuring length



### Specifications

Squareness	Less than 0.1 mm per 100 mm
Length Tolerance	±0.5 mm
Material	Stainless steel

## Ornamental Carpenter's Square



98760

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Factor	Packaging
98760	Gold and Silver with Frame	522x673x40	2,920	4 960910 987609	1	<input checked="" type="checkbox"/>

### Features

● History of the carpenter's square is engraved on metal plates, and the gold and silver color finish turns it into a beautiful, decorative framed piece

### Use

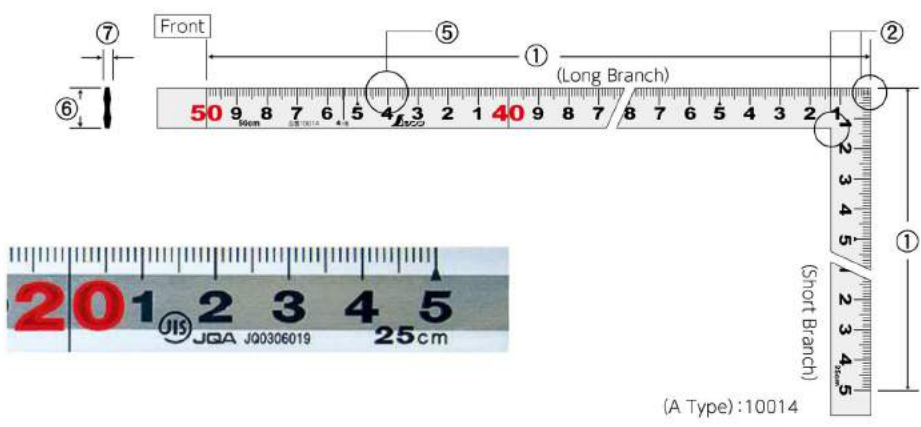
● For an anniversary gift or occasional gift



### Specifications

Material	Square: Stainless steel Frame: Aluminum, acrylic resin
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## JAPANESE INDUSTRIAL STANDARD Carpenter's Square Part of B7534-2005 (abstract) as of July 2018



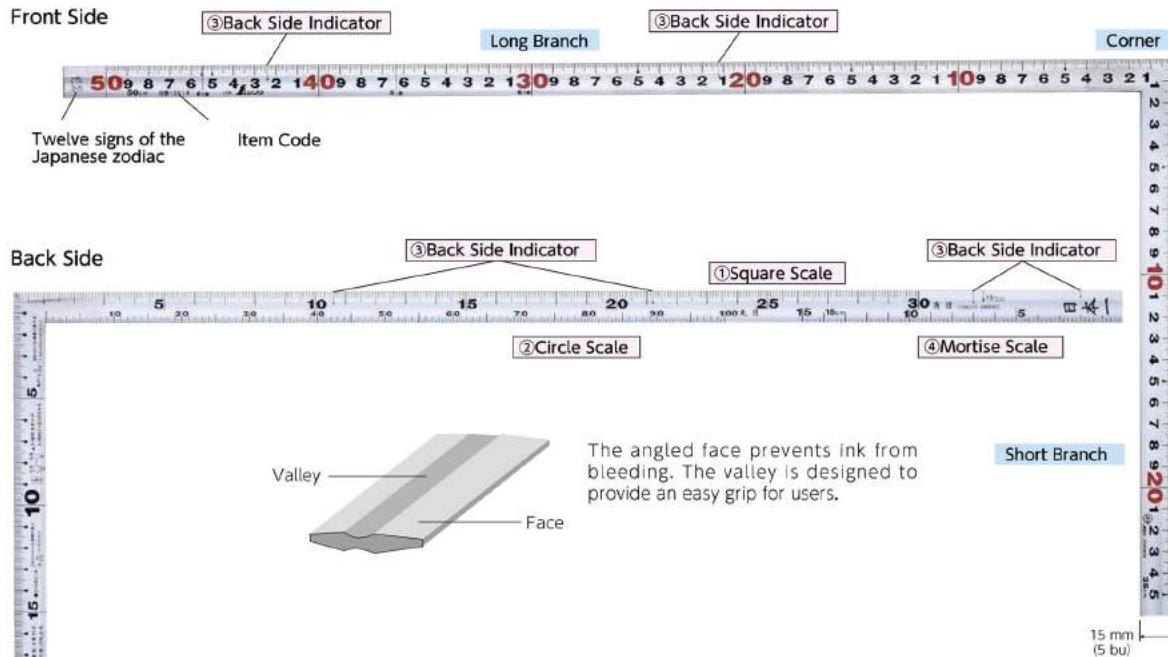
Division	Item	Standard		
Standard	JIS B7534-2005	-		
Material	Hardness	A type	B type	C type
		Hv320 min	Hv210 min	Hv210 min
Performance, Shapes and Dimensions	① Tolerances on Length	The tolerance on length of carpenter's squares shall be $\pm 0.2$ mm for an arbitrary length from its outer or inner scale reference point and the length between arbitrary two graduation lines, taking the reference temperature at 20°C.		
	② Squareness of Scale Side Face	The squareness of the scale side face of the long branch in respect to that of the short branch shall not exceed 0.1 mm per 100 mm.		
	③ Straightness of Scale Side Face	The straightness in horizontal direction of the scale side of carpenter's square shall be less than $(0.3 + \text{Overall length of long branch or short branch divided by } 2,500)$ mm.		
	④ Flatness of Scale Face	For a carpenter's square of Type A. When it is bent so that the distance between both ends of long branch becomes $3/4$ the "outer scale length of long branch" and returned, the flatness of scale face of the long branch shall not exceed $1/100$ the "outer scale length of long branch".		
	⑤ Scale	The graduation lines shall reach the ridge of the scaled surface, as well as the squareness in respect to the ridge of scaled surface shall be less than 0.2 mm per 5 mm. The thickness of the graduation lines shall be 0.2 to 0.45 mm. For those of the same nominal thickness, the minimum value of the actual thickness shall be at least 55% of the maximum value.		
	⑥ Width	A type-B type: $15.0 \pm 0.3$ mm / C type: $20.0 \pm 0.3$ mm - $15.0 \pm 0.3$ mm		
	⑦ Thickness	A Type: $1.4 \pm 0.4$ mm B type: $T: 2.6 \pm 0.3$ mm $t: 2.0 \pm 0.3$ mm C type: $2.0 \pm 0.3$ mm - $1.0 \pm 0.3$ mm		
Shape	Cross Section	A type	B type	C type

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 sagitta Letters in English With direction arrow With grid scale Plastic lens

- Carpenter's Squares
- Steel Rules/ Machine scale
- Aluminum Rules
- Resin-Folding Rules/ Bamboo Rules
- Squares/ Protractors
- Venier/ Calipers/ Micrometers
- Tape Measures
- Surveying Products
- Scales
- Levels
- Levels/ Optical Equipment
- Mikes/ Chalklines/ Plumblines
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers/ Hygrometers/ Humidity Measuring Instruments
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets

## About the Carpenter's Square

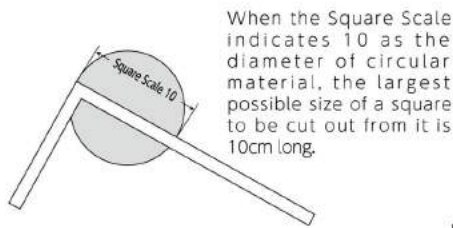
### Part names



### About Special Scales

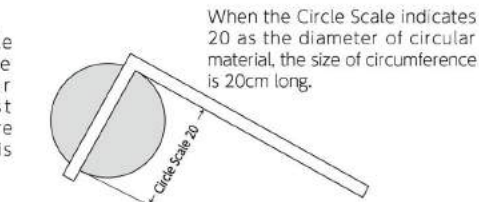
#### ① Square Scale (SS)

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.



#### ② Circle Scale (CS)

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



#### ③ Back Side Indicator

On both the front and back sides of the square, there are icons indicating frequently used scale marks (↓). These icons allow users to know the value written on the back side without flipping the square.

#### ④ Mortise Scale (MS)

Useful to measure the depth of a mortise.

