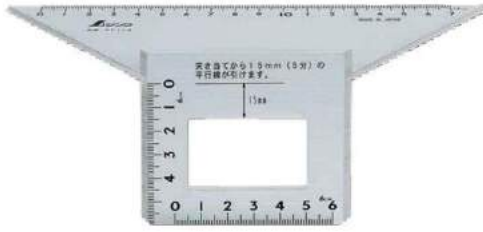


### Miter Rule 3D 45°

62114

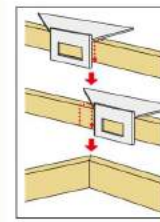


Item Code	Description	Overall Length×Height×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62114	Aluminum	200×63×73	100	4 960910 621145	6	

#### Features

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

#### Use

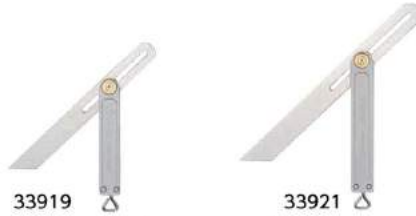


- For testing precise 45 and 90-degree angles
- For marking the base layout of a 45-degree angle

#### Specifications

Angle Tolerance	45° and 90°: Less than 0.2 mm per 100 mm
Length Tolerance	±0.2 mm
Material	Aluminum

### Sliding Bevel



33919

33921

Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
33919	SB-8 8"	235×22×17	120	4 960910 339194	6	
33921	SB-10 10"	285×25×17	160	4 960910 339217	6 (60)	

#### 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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### Japanese Bevel

62502



Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62502	25 cm	250 (150)×15×2	91	4 960910 625020	12	
62510	30 cm	300 (180)×15×2	109	4 960910 625105	12	
62529	45 cm	450 (300)×15×2	171	4 960910 625297	5	
62532	60 cm	600 (400)×15×2	235	4 960910 625327	5	

#### Features

- Can be adjusted to any angle

#### Use

- Scribing and drawing of any angle

#### Specifications

Material	Stainless steel
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### Japanese Sliding Bevel

62596



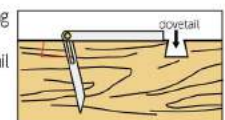
Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62588	15 cm	180×14×5.5	111	4 960910 625884	12	
62596	25 cm	250×19×5.5	202	4 960910 625969	12	

#### 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
----------	-----------------------	--------------

## Aluminum Sliding Bevel

- Carpenter's Squares
- Stainless Steel Ruler/Machine Scale
- Aluminum Rulers
- Resin Folding Ruler/Bamboo Ruler
- Squares/Protractors
- Vernier Calipers/Micrometers
- Tape Measures
- Surveying Products
- Scales
- Levels
- Lasers/Optical Equipment
- Inclines/Chalklines/Plumbhoes
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers/Hygrometers/Weather Meter
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets



62661

### Angle Graduation



### Gradient Graduation



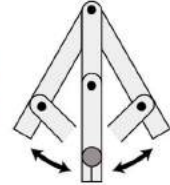
62570



62540

### Features

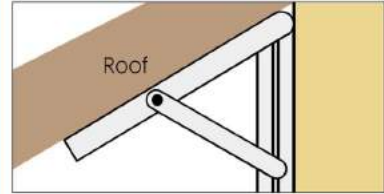
- Useful for checking angles on welded areas
- Blade can be on either side of the stock for symmetrical work
- Cross brace prevents any accidental change in angle
- Light aluminum material
- Thick blade can be used as a guide for a circular saw
- Angle scale is 1° pitch for 20° - 120°, and gradient scale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



- Measured angles can be written on a specially installed tape with a pen or pencil. (An eraser works well on this if a pencil is used.)

### Use

- For scribing or copying an angle such as a roof's gradient
- 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



### Scribing



### As a circular saw guide



### Specifications

	62660	62569
Length Tolerance	±0.3 mm	
Material	Body: Aluminum Screw: Polypropylene resin	

	62661	62570	62540
Length Tolerance	±0.35 mm		
Material	Body: Aluminum Screw: Polypropylene resin		

	62662	62571	62541
Length Tolerance	±0.35 mm		
Material	Body: Aluminum Screw: Polypropylene resin		

	62572	62542
Length Tolerance	±0.4 mm	
Material	Body: Aluminum Screw: Polypropylene resin	

	62573
Length Tolerance	±0.4 mm
Material	Body: Aluminum Screw: Polypropylene resin

Item Code	Description	Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62660	30 cm with Angle Scale	355×30×28	265	4 960910 626607	5	
62661	45 cm with Angle Scale	505×30×28	380	4 960910 626614	5	
62662	60 cm with Angle Scale	655×30×28	480	4 960910 626621	5	
62569	30 cm with Gradient Scale	355×30×28	265	4 960910 625693	5	
62570	45 cm with Gradient Scale	505×30×28	380	4 960910 625709	5	
62571	60 cm with Gradient Scale	655×30×28	480	4 960910 625716	5	
62572	90 cm with Gradient Scale	955×30×28	680	4 960910 625723	1	
62573	1.2 m with Gradient Scale	1,255×30×28	880	4 960910 625730	1	
62540	45 cm without Scale	505×30×28	380	4 960910 625402	5	
62541	60 cm without Scale	655×30×28	480	4 960910 625419	5	
62542	90 cm without Scale	955×30×28	680	4 960910 625426	1	

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 Wiring tool Letters in English With direction arrow With grid scale Plastic lens



## Mini Try Square Brass Base

Item Code	Description	Base Length/Width/Thickness (mm)	Blade Length/Width/Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62020	4.5 cm	35×12×5	45×11×1.5	26	4 960910 620209	12	<input type="checkbox"/>
62021	6 cm	40×12×5	60×11×1.5	30	4 960910 620216	12	<input type="checkbox"/>
62022	7.5 cm	48×15×5	75×13×1.5	45	4 960910 620223	12	<input type="checkbox"/>
62023	9 cm	55×15×5	90×13×1.5	53	4 960910 620230	12	<input type="checkbox"/>

**Features**

- Ideal small square for personal use

**Use**

- For testing a right angle and scribing

**Specifications**

	62020	62021	62022	62023
Angle Tolerance	less than 0.04 mm per 45 mm	less than 0.06 mm per 60 mm	less than 0.07 mm per 75 mm	less than 0.09 mm per 90 mm
Material	Base: Brass Blade: Stainless steel			

## Try Square Aluminum Base without Graduations

74110

Item Code	Description	Base Length/Width/Thickness (mm)	Blade Length/Width/Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
74110	20 cm	140×30×20	200×30×1.5	233	4 960910 741102	1	<input type="checkbox"/>
74111	25 cm	140×30×20	250×30×1.5	249	4 960910 741119	1	<input type="checkbox"/>
74112	30 cm	200×30×20	300×30×1.5	341	4 960910 741126	1	<input type="checkbox"/>
74113	35 cm	200×30×20	350×30×1.5	357	4 960910 741133	1	<input type="checkbox"/>
74114	40 cm	250×40×30	400×40×1.5	797	4 960910 741140	1	<input type="checkbox"/>
74115	45 cm	250×40×30	450×40×1.5	825	4 960910 741157	1	<input type="checkbox"/>
74116	50 cm	250×40×30	500×40×1.5	852	4 960910 741164	1	<input type="checkbox"/>
74117	60 cm	300×40×30	600×40×1.5	1,015	4 960910 741171	1	<input type="checkbox"/>
74118	70 cm	300×40×30	700×40×1.5	1,065	4 960910 741188	1	<input type="checkbox"/>
74119	90 cm	450×40×30	900×40×2.0	1,395	4 960910 741195	1	<input type="checkbox"/>
74120	1 m	450×40×30	1,000×40×2.0	1,404	4 960910 741201	1	<input type="checkbox"/>

**Features**

- Ideal square for wood materials
- Variety of sizes from 20 cm to 1 m
- Long blade models come in handy to mark across multiple items
- Large base helps to test a right angle

**Use**

- For testing a right angle and scribing

**Specifications**

Angle Tolerance	Less than 0.1 mm per 100 mm
Material	Base: Brass Blade: Stainless steel

## Miter Try Square

62286

Item Code	Description	Base Length/Width/Thickness (mm)	Blade Length/Width/Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
62286	20 cm	130×40×14	200×40×1.5	205	4 960910 622869	1	<input type="checkbox"/>
62294	25 cm	130×40×14	250×40×1.5	234	4 960910 622944	1	<input type="checkbox"/>
62308	30 cm	130×40×14	300×40×1.5	250	4 960910 623088	1	<input type="checkbox"/>
32255	S-1421 20 cm/8"	*	130×40×14	205	4 960910 322554	1	<input type="checkbox"/>
32263	S-1422 25 cm/10"	*	130×40×14	234	4 960910 322639	1	<input type="checkbox"/>
32271	S-1423 30 cm/12"	*	130×40×14	250	4 960910 322714	1	<input type="checkbox"/>

**Features**

- Graduations on the blade enable to measure dimensions
- Large base helps to test a right angle

**Use**

- For testing a right angle and scribing
- For scribing 45°

**Specifications**

Angle Tolerance	45°: Less than 0.4 mm per 100 mm 90°: Less than 0.1 mm per 100 mm
Length Tolerance	±0.2 mm
Material	Base: Aluminum Blade: Stainless steel

\*S-1421, 1422 and 1423 are made-to-order items.

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  With hanging hole  Letters in English  With direction arrow  With grid scale  Plastic lens

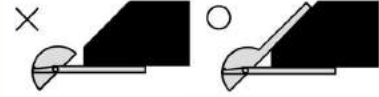
Carpenters Squares  
 Stainless Steel Rules / Machine Scale  
 Aluminum Rules  
 Resin Folding Rules / Bamboo Rules  
 Squares / Protractors  
 Vernier Calipers / Micrometers  
 Tape Measures  
 Surveying Products  
 Scales  
 Levels  
 Lasers / Optical Equipment  
 Millers / Chalklines / Pencilholders  
 Circular Saw  
 Construction Tools  
 Industrial Tools  
 Thermometers / Hygrometers / Humidity Meter  
 Outdoor Products  
 Magnifying Glasses  
 Drawing Tools  
 Magnets

## Protractor Hard Chrome Finish

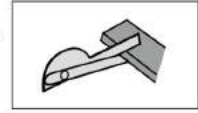
- 62995** ●10 cm compact size  
●Pocket-sized portable
- 62480** ●Classic protractor
- 62490**
- 62901** ●Center lock nut has a needle built-in to hold in the center
- 62928** ●Square protractor board guides outside edge
- 62774**
- 62868** ●Groove on the protractor board allows the blade to be locked tightly
- 62952** ●Trigonometric function chart on the back

### Features

- Etching + black chrome coating on graduations help to last long
- Bold, easy-to-read graduations
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability
- Double blade model firmly matches shapes that a regular protractor board can't match



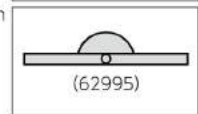
Measures the angle on the edge of a blade



Measures any angles



Expands up to 20 cm

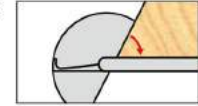


●No.300-No.1000 have a trigonometric function chart on the back

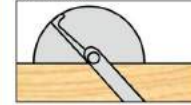
### Use

●For measuring angles, scribing, and measuring length

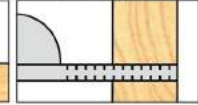
Angle Measure



Scribing



Length Measure

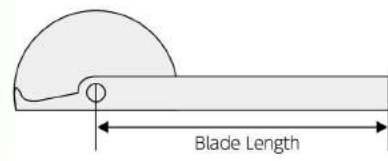


\*Except 62774

### Specifications

62995	
Material:	Main Part: Stainless steel. Fixing Pin: Stainless steel Metal Washer: Brass
62480   62490   62901   62928   62774   62868	
Material:	Main Part: Stainless steel. Screw: Brass
62898   62839   62855   62944   62847   62952	
Material:	Main Part: Stainless steel. Screw: Iron

### Example of use



Item Code	Description	Angle Plate			Blade			Weight (g)	JAN Code	Packaging Unit	Package
		Radius (mm)	Thickness (mm)	Angle (pitch)	Spine (mm)	Length (mm)	Width (mm)				
62995	Mini φ40 10 cm	40	1.0	2°	2	100	10	20	4 960910 629950	10	SP
62480	No.19 φ90 10 cm	90	1.2	1°	1	153	10	65	4 960910 624801	10	SP
62490	No.19 Double-blade φ90 10 cm	90	1.2	1°	2	153	10	82	4 960910 624900	10	SP
62901	No.182 φ90 10 cm	90	1.2	1°	1	153	10	80	4 960910 629011	1	B
62928	No.183 Square 10 cm	Square	1.2	1°	1	153	10	100	4 960910 629288	1	B
62774	No.30 φ120	120	1.5	1°	1	245	—	150	4 960910 627741	5	SP
62868	No.101 φ120 15 cm with Groove	120	1.5	1°	1	245	15	150	4 960910 628687	5	SP
62898	No.300 φ210 30 cm	210	2.0	0.5°	1	365	30	500	4 960910 628984	1	B
62839	No.300 Double-blade φ210 30 cm	210	2.0	0.5°	2	365	30	660	4 960910 628397	1	B
62855	No.600 φ320 60 cm	320	2.5	0.5°	1	650	60	1,350	4 960910 628557	1	B
62944	No.600 Double-blade φ320 60 cm	320	2.5	0.5°	2	650	60	1,900	4 960910 629448	1	B
62847	No.1000 φ320 1 m	320	2.5	0.5°	1	1,050	100	1,600	4 960910 628472	1	B
62952	No.1000 Double-blade φ320 1 m	320	2.5	0.5°	2	1,050	100	2,400	4 960910 629523	1	B

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



### Protractor Polish Finish

62987



- 10cm compact size
- Pocket-sized portable

62499



- Polish finish offers both fine metallic luster and reasonable price

Item Code	Description	Angle Plate			Blade		Weight (g)	JAN Code	Packing Unit	Packaging
		Diameter (mm)	Thickness (mm)	Angle (degrees)	Length (mm)	Thickness (mm)				
62987	Mini φ40 10 cm	40	1.0	2°	2	100	10	20	4 960910 629875	10
62499	No.19 φ90 10 cm	90	1.2	1°	1	153	10	65	4 960910 624993	

#### Features

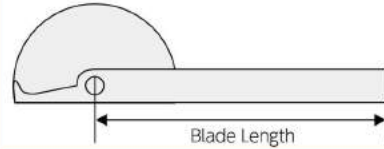
- Etching + black chrome coating on graduations help to last long
- Bold, easy-to-read graduations

#### Use

- For measuring angles, scribing, and measuring length

#### Specifications

	62987	62499
Material	Main Part: Stainless steel Fixing Pin: Stainless steel Metal Washer: Brass	Main Part: Stainless steel Screw: Brass



### Digital Protractor



62495



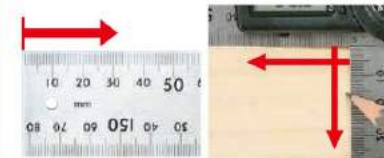
Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
62495	20 cm with Hold Function	217×35×20	162	4 960910 624955	5	
62496	30 cm with Hold Function	317×35×20	224	4 960910 624962		

#### Features

- Easy-to-read digital display
- Includes hold function
- Nob to fix angle



- Long-lasting, etched graduations
- Left end reference point and inside reference point at right angle are useful for measuring



- Can be fully straightened



#### Use

- Angle measurement, length measurement, scribing

#### Specifications

	62495	62496
Angle Tolerance	±0.3°	
Length Tolerance	Up to 200 mm: ±0.2 mm (range when not connecting two rules)	Up to 300 mm: ±0.3 mm (range when not connecting two rules)
Minimum Reading	Angle: 0.1° Length: 1 mm	
Measuring Range	Angle: 0 - 359.9° Length: 0 - 395 mm	0 - 595 mm
Temperature and Humidity	Temperature: 0 - 50°C, Humidity: Up to 85%	
Auto Power Off	Approximately 5 minutes	
Battery	1x Lithium battery CR2032 (Battery included is for trial use only and may not last as long)	
Material	Rule: Stainless steel	Module: ABS resin