



2. Stainless Steel Rules/ Machine Scale



Carpenter's Squares

Steel Rules/ Machine Scale

Aluminum Rules

Resin Filing Rules/ Bamboo Rules

Squares/ Protractors

Vernier Calipers/ Micrometers

Tape Measures

Surveying Products

Scales

Levels

Lasers/ Optical Equipment

Marking/ Chalklines/ Plumblines

Circular Saw Guides

Construction Tools

Industrial Tools

Thermometers/ Hygrometers/ Anemometers

Outdoor Products

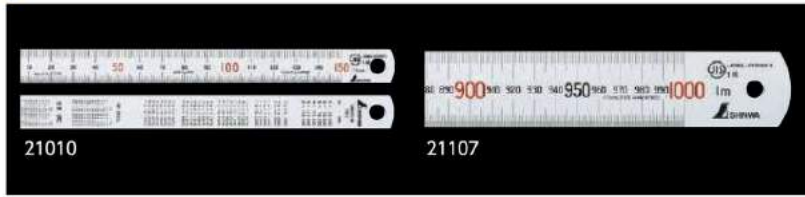
Magnifying Glasses

Drawing Tools

Magnets

Carpenters Squares
 Stainless Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Ruler/Rules
 Squares/Protractors
 Vernier Calipers/Microimeters
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers/Optical Equipment
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 Circular Saw Guides
 Construction Tools
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 Thermometers/Thermometers/Hygrometers
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Stainless Steel Rule Hard Chrome Finish [Metric]



Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
21010	H-101A 15 cm	Red	175×15×0.5	10	4 960910 210103	50	
21085	H-101C 30 cm	Red	335×25×1.0	65	4 960910 210851	50	
21028	H-101E 60 cm	Red	640×30×1.2	180	4 960910 210288	10	
21107	H-101F 1 m	Red	1,050×35×1.5	425	4 960910 211070	5	V
21589	H-102G 1.5 m	Red	1,565×40×2.0	950	4 960910 215894	5	
21607	H-102H 2 m	Red	2,065×40×2.0	1,250	4 960910 216075	5	
21566	H-102I 3 m	Red	3,065×40×3.0	2,865	4 960910 215665	5	

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
- English package
- Made in Japan

Use

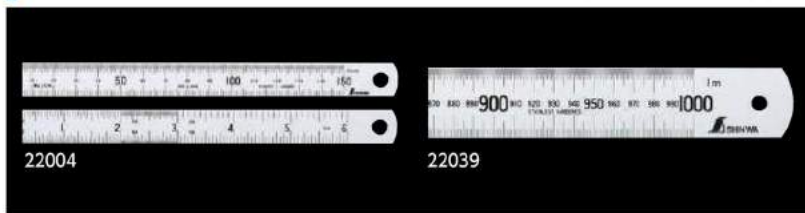
- For measuring length, drawing lines and marking

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		

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
22004	H-201A 15 cm/6"	Red	175×15×0.5	10	4 960910 220041	50	
22012	H-201C 30 cm/12"	Red	335×25×1.0	65	4 960910 220126	50	
22021	H-201E 60 cm/24"	Red	640×30×1.2	180	4 960910 220218	10	
22039	H-201F 1 m/36"	Red	1,050×35×1.5	425	4 960910 220393	5	V

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
- English package
- Made in Japan

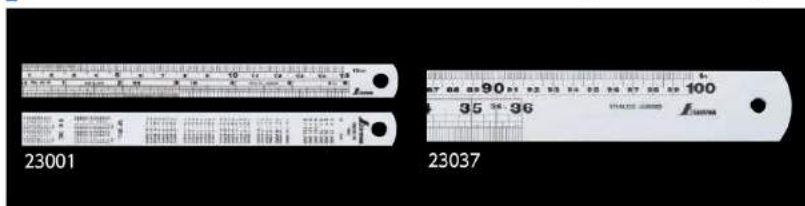
Use

- For measuring length, drawing lines and marking

Specifications

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

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
23001	H-301A 15 cm/6"	Red	175×15×0.5	10	4 960910 230019	50	
23021	H-301C 30 cm/12"	Red	335×25×1.0	65	4 960910 230217	50	
23029	H-301E 60 cm/24"	Red	640×30×1.2	180	4 960910 230293	10	
23037	H-301F 1 m/36"	Red	1,050×35×1.5	425	4 960910 230378	5	V
23159	H-302G 1.5 m/60"	Red	1,565×40×2.0	950	4 960910 231597	5	
23167	H-302H 2 m/78"	Red	2,065×40×2.0	1,250	4 960910 231672	5	
23175	H-302I 3 m/118"	Red	3,065×40×3.0	2,865	4 960910 231757	5	

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
- English package
- 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			
Front Side Lower	1/16", 1/32", 1/64" pitch			
Back Side	Conversion table			
Material	Stainless steel			

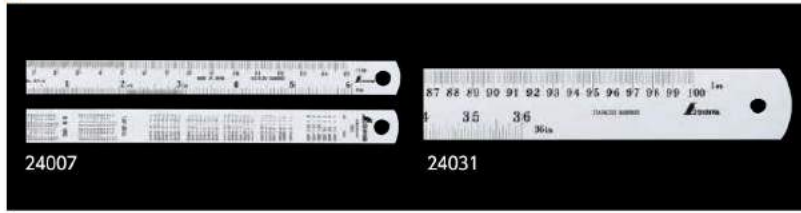
	23159	23167	23175
Front Side Upper	0.5 mm, 1 mm pitch		
Front Side Lower	1/16", 1/32", 1/64" pitch		
Back Side	Plain		
Material	Stainless steel		

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 target/line ■ Letters in English ■ With direction arrow ■ With grid scale ■ Plastic lens

The difference between Polish Finish and Hard Chrome Finish

Surface finish differs. The polish finish is regular stainless steel while the hard chrome type has been given a matte finish to prevent glare and give the scale high readability.

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
24007	H-401A 15 cm/6"	175x15x0.5	10	4 960910 240070	50	
24015	H-401C 30 cm/12"	335x25x1.0	65	4 960910 240155	10	
24023	H-401E 60 cm/24"	640x30x1.2	180	4 960910 240230	5	
24031	H-401F 1 m/36"	1,050x35x1.5	425	4 960910 240315	1	<input checked="" type="checkbox"/>
24252	H-402G 1.5 m/60"	1,565x40x2.0	950	4 960910 242524	5	
24260	H-402H 2 m/78"	2,065x40x2.0	1,250	4 960910 242609	5	
49099	H-402I 3 m/118"	3,065x40x3.0	2,865	4 960910 490994	5	

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
- English package
- Made in Japan

Use

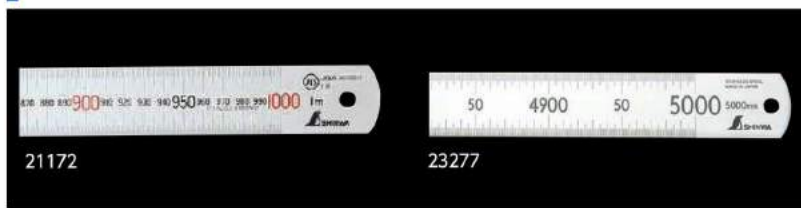
- For measuring length, drawing lines and marking

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		

Stainless Steel Rule Polish Finish [Metric]



Item Code	Description	JIS Mark	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
21148	S-101A 15 cm	JIS Red	175x15x0.5	10	4 960910 211483	50	
21156	S-101C 30 cm	JIS Red	335x25x1.0	65	4 960910 211568	10	
21164	S-101E 60 cm	JIS Red	640x30x1.2	180	4 960910 211643	5	
21172	S-101F 1 m	JIS Red	1,050x35x1.5	425	4 960910 211728	1	<input checked="" type="checkbox"/>
21741	S-102G 1.5 m	JIS Red	1,565x40x2.0	950	4 960910 217416	5	
21768	S-102H 2 m	JIS Red	2,065x40x2.0	1,250	4 960910 217683	5	
23275	S-102I 3 m		3,065x40x3.0	2,865	4 960910 232754	5	
23276	S-102J 4 m		4,065x45x3.0	4,253	4 960910 232761	5	
23277	S-102K 5 m		5,065x45x3.0	5,299	4 960910 232778	5	
23278	S-102L 6 m		6,065x45x3.0	6,345	4 960910 232785	5	

Features

- JIS Grade 1 (15 cm - 2 m)
- Polish finish offers both fine metallic luster and reasonable price
- English package
- Made in Japan

Use

- For measuring length, drawing lines and marking

Specifications

	21148	21156	21164	21172
Upper Graduation	1 mm pitch			
Lower Graduation	0.5 mm pitch			
Material	Stainless steel			

	21741	21768	23275
Upper Graduation	0.5 mm pitch for up to 10cm		
	1 mm pitch for the rest		
Lower Graduation	1 mm pitch		
Material	Stainless steel		

	23276	23277	23278
Upper Graduation	1 mm pitch		
Lower Graduation	1 mm pitch		
Material	Stainless steel		

Stainless Steel Rule Hard Chrome Finish

Item Code	Front	Back
24777		
24540		
30451		
24737		
24580		
24621		
24785		
24548		
30459		
24742		
24591		
24629		

Features

- 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
- English package
- Made in Japan

Use

- For measuring length, drawing lines and marking

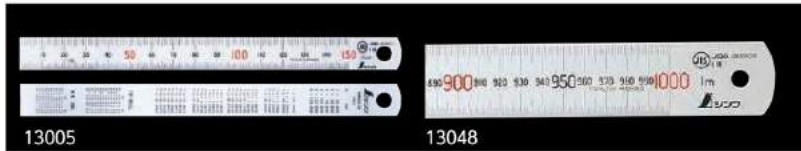
Specifications

24777	24737	24785	24742
1/32", 1/64", 1/10", 1/50"			
24540	24580	24548	24591
1/64", 1/32", 1/16", 1/8"			
24621	24629		
1/10", 1/100", 1/64", 1/32"			
30451	30459		
1/32", 1/64", 1.0 mm, 0.5 mm			

Item Code	Description	Overall Length×Width×Thickness(mm)	Weight (g)	JAN Code	Packing Unit	Packaging
24777	H-3302A 6"/6" Rigid 3R	6×0.75×0.03	17		25	
24540	H-3001A 6"/6" Rigid 4R	6×0.75×0.03	17			
30451	H-3412A 6"/15 cm Rigid EM	6×0.75×0.03	17			
24737	H-3301A 6"/6" Flexible 3R	6×0.5×0.02	7		50	
24580	H-3101A 6"/6" Flexible 4R	6×0.5×0.02	7			
24621	H-3102A 6"/6" Flexible 5R	6×0.5×0.02	7			
24785	H-3302C 12"/12" Rigid 3R	12×1.375×0.04	66		25	
24548	H-3001C 12"/12" Rigid 4R	12×1.375×0.04	66			
30459	H-3412C 12"/30 cm Rigid EM	12×1.375×0.04	66			
24742	H-3301C 12"/12" Flexible 3R	12×0.5×0.02	15		50	
24591	H-3101C 12"/12" Flexible 4R	12×0.5×0.02	15			
24629	H-3102C 12"/12" Flexible 5R	12×0.5×0.02	15			

JIS JS 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 Letters in English With direction arrow With grid scale Plastic lens

Stainless Steel Rule Hard Chrome Finish



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13005	15 cm	JIS 175x15x0.5	10	4 960910 130050	50	
13013	30 cm	JIS 335x25x1.0	65	4 960910 130135	50	
13021	60 cm	JIS 640x30x1.2	180	4 960910 130210	10	
13048	1 m	JIS 1,050x35x1.5	425	4 960910 130487	5	
13056	1.5 m	JIS 1,565x40x2.0	950	4 960910 130562	5	
13064	2 m	JIS 2,065x40x2.0	1,250	4 960910 130647	5	
13072	3 m	JIS 3,065x40x3.0	2,865	4 960910 130722	5	

Features

- JIS Grade 1 (15 cm - 2 m)
- Hard chrome finish (matte processed) to prevent glare and make graduation easy to see
- 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)

Use

- For measuring length, drawing lines and marking

Specifications

	13005	13013	13021	13048
Upper Graduation	1 mm pitch			
Lower Graduation	0.5 mm pitch			
Material	Stainless steel			

	13056	13064	13072	
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			

Stainless Pickup Rule Hard Chrome Finish



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13128	10 cm	120x15x0.5	7	4 960910 131286	50	
13131	15 cm	JIS 175x15x0.5	10	4 960910 131316	50	
13134	30 cm	JIS 335x25x1.0	65	4 960910 131347	10	
13137	60 cm	JIS 640x30x1.2	180	4 960910 131378	10	
13140	1 m	JIS 1,050x35x1.5	425	4 960910 131408	5	

Features

- JIS Grade 1 (15 cm - 1 m)
- Bent end of the scale makes it easy to pick up



- Big numbers make it easy to read off
- Conversion chart on the back

Use

- For measuring length, drawing lines and marking

Specifications

Graduation	1 mm pitch for both upper and lower
Material	Stainless steel

Stainless Steel Rule Polish Finish



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
14001	15 cm	JIS 175x15x0.5	10	4 960910 140011	50	
14028	30 cm	JIS 335x25x1.0	65	4 960910 140288	50	
14036	60 cm	JIS 640x30x1.2	180	4 960910 140363	10	
14044	1 m	JIS 1,050x35x1.5	425	4 960910 140448	5	
14052	1.5 m	JIS 1,565x40x2.0	950	4 960910 140523	5	
14060	2 m	JIS 2,065x40x2.0	1,250	4 960910 140608	5	
14079	3 m	3,065x40x3.0	2,865	4 960910 140790	5	
14087	4 m	4,065x45x3.0	4,253	4 960910 140875	5	
14095	5 m	5,065x45x3.0	5,299	4 960910 140950	5	
14109	6 m	6,065x45x3.0	6,345	4 960910 141094	5	

Features

- JIS Grade 1 (15 cm - 2 m)
- Polish finish offers both fine metallic luster and reasonable price
- Inch conversion chart and tap drill size chart on back (15 cm - 1 m)

Use

- For measuring length, drawing lines and marking

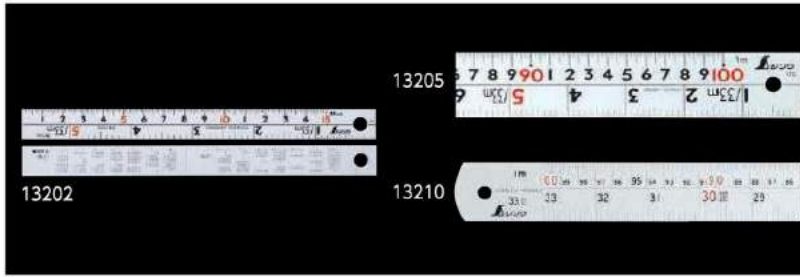
Specifications

	14001	14028	14036	14044
Upper Graduation	1 mm pitch			
Lower Graduation	0.5 mm pitch			
Material	Stainless steel			

	14052	14060	14079	14087	14095	14109
Upper Graduation	0.5 mm pitch for up to 10 cm			1 mm pitch		
Lower Graduation	1 mm pitch					
Material	Stainless steel					

Carpenter's Squares
 Stainless Steel Rules/Machine Scale
 Aluminum Rules
 Resin-Folding Bamboo Rules
 Squares/Protractors
 Vernier Calipers/Microimeters
 Tape Measures
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 Scales
 Levels
 Lasers/Optical Equipment
 Inklines/Chalklines/Punchboards
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Hygrometers/Humidity Measuring Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Stainless Steel Rule Hard Chrome Finish Metric/Shaku



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13202	15 cm Double-left Reference Point	175x15x0.5	10	4 960910 132023	10	
13203	30 cm Double-left Reference Point	330x25x1.0	64	4 960910 132030		
13204	60 cm Double-left Reference Point	635x30x1.2	175	4 960910 132047		
13205	1 m Double-left Reference Point	1,040x35x1.5	420	4 960910 132054		
13210	1 m Right Reference Point	1,050x35x1.5	425	4 960910 132108		

Refer to P. 2 about the shaku scale

Features

- Shaku graduation comes in handy for carpenters
- Double-left Reference Point model is such that when either the shaku or cm scale is on the upper level, that graduation's reference point reads from the left side edge. (13210, the reference point on both the upper and lower graduations reads from the right side edge.)
- Conversion chart on the back (13202/13203/13204/13205)
- Inch conversion chart and tap drill size chart on back (13210)

Use

- For measuring length, drawing lines and marking

Specifications

	13202	13203	13204	13205	13210
Upper Graduation	1 mm pitch				
Lower Graduation	Shaku				
Material	Stainless steel				

Stainless Steel Rule Hard Chrome Finish with Magnet



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13501	15 cm	175x15x1.3	15	4 960910 135017	10	
13528	30 cm	335x25x1.8	81	4 960910 135284		
13536	60 cm	640x30x2.0	216	4 960910 135369		
13544	1 m	1,050x35x2.3	487	4 960910 135444		

Features

- JIS Grade 1
- Magnetic sheet attached on the back

Use

- For measuring length, drawing lines and marking

Specifications

	13501	13528	13536	13544
Upper Graduation	1 mm pitch			
Lower Graduation	0.5 mm pitch			
Material	Stainless steel			

Flexible Stainless Steel Rule Hard Chrome Finish



Item Code	Description	Overall LengthxWidthx Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13250	30 cm	325x15x0.5	18	4 960910 132504	50	
13269	60 cm	630x15x0.5	35	4 960910 132696		
13277	1 m	1,030x15x0.5	60	4 960910 132771		
13285	1.5 m	1,530x15x0.5	87	4 960910 132856		
13293	2 m	2,030x15x0.5	115	4 960910 132931		

Features

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

Use

- For measuring curves or attaching to machines

Specifications

	13250	13269	13277	13285	13293
Upper Graduation	1 mm pitch				
Lower Graduation	0.5 mm pitch		1 mm pitch		
Material	Stainless steel				

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 Air-tighting tool Letters in English With direction arrow With grid scale Plastic lens

Stainless Steel Rule Hard Chrome Finish 1 mm Dividing *Made-to-order



Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13404	15 cm	Red	175×15×0.5	10	4 960910 134041	50	V
13463	30 cm	Red	335×25×1.0	65	4 960910 134638	10	
13412	60 cm	Red	640×30×1.2	180	4 960910 134126	5	
13498	1 m	Red	1,050×35×1.5	425	4 960910 134980	5	

Features

- JIS Grade 1
- Easy-to-read 1 mm pitch for a situation that does not require detailed graduations
- Inch conversion chart and tap drill size chart on back

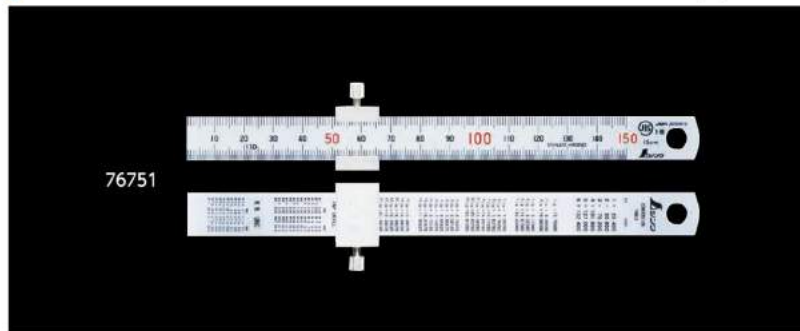
Use

- For measuring length, drawing lines and marking

Specifications

	13404	13463	13412	13498
Upper Graduation	1 mm pitch			
Lower Graduation	1 mm pitch			
Material	Stainless steel			

Stainless Steel Rule Hard Chrome Finish with Stopper



Item Code	Description	JIS	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
76751	15 cm	Red	175×22(15)×5(0.5)	20	4 960910 767515	10	V
76752	30 cm	Red	335×35(25)×6(1.0)	90	4 960910 767522	5	

Features

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

Use

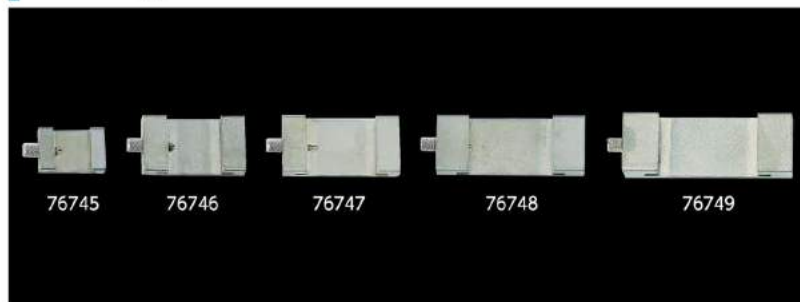
- For marking, measuring length, depth and height of step



Specifications

Material	Rule: Stainless steel Stopper: Brass
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Rule Stopper



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
76745	for 15 cm Rule	15×22×5	9	4 960910 767454	10	VH
76746	for 30 cm Rule	20×35×6	23.5	4 960910 767461	5	
76747	for 60 cm Rule	20×40×6	24	4 960910 767478	5	
76748	for 1 m Rule	20×50×6	30	4 960910 767485	5	V
76749	for 1.5 and 2 m Rule	20×55×8	42.5	4 960910 767492	5	

Features

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

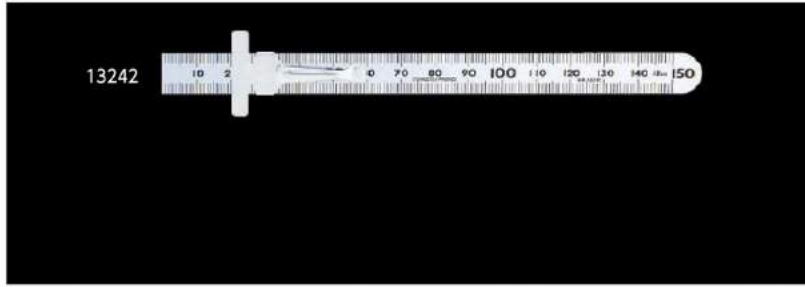
Use

- 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				

Stainless Steel Rule Mini



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
13242	Hard Chrome Finish 15 cm	160×26×0.5 Rule Width: 12	8		20	
14249	Polish Finish 15 cm	160×26×0.5 Rule Width: 12	8			

Features

- Clip for securing in a pocket
- It can also be used as a depth gauge by sliding the clip
- Easy to carry around
- Inch conversion chart on the back

Use

- For measuring length and depth

Specifications

	13242	14249
Upper Graduation	1 mm pitch	
Lower Graduation	1 mm pitch	
Material	Stainless steel	

6-folding Stainless Steel Rule Polish Finish



Item Code	Description	Overall Length×Width×Thickness (mm)	Weight (g)	JAN Code	Packing Unit	Package
63770	1 m	1,000×15×0.5	64		10	

Features

- This 1 m scale can be folded into six parts to carry and store easily

Use

- For measuring length, drawing lines and marking

Specifications

Graduation	1 mm pitch
Material	Stainless steel

Precision Stainless Steel Rule Hard Chrome Finish with JCSS Certificate



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)	JAN Code	Packing Unit	Package
14113	30 cm *2	310×30×10	724		1	
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.

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 ⁻⁶ /°C