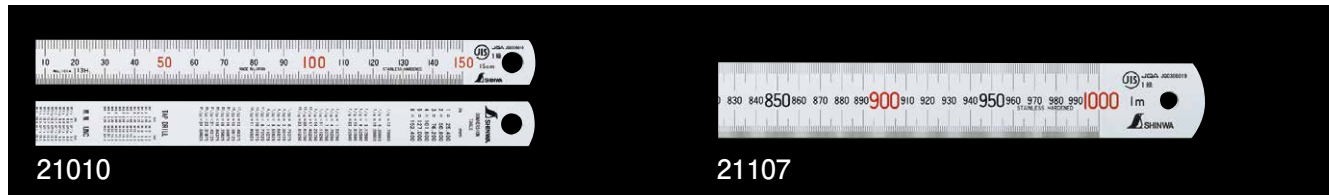


Stainless Steel Rule Hard Chrome Finish [Metric]



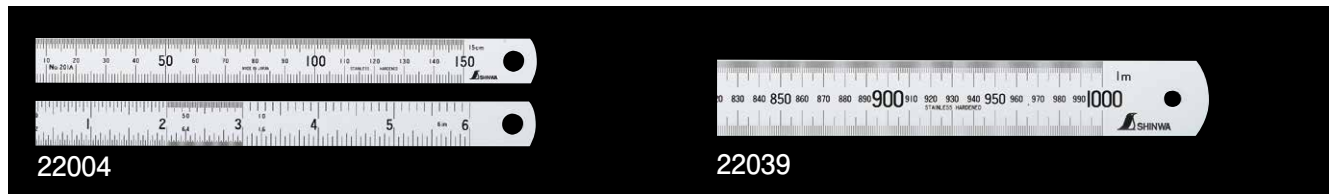
Item Code	Description of Product	Packaging	Overall Length×Width×Thickness(mm)	Weight	Packing Unit	JAN Code	
21010	H-101A 15cm	JIS		175×15×0.5	10g	50 4 960910 210103	
21085	H-101C 30cm	JIS		335×25×1.0	65g		4 960910 210851
21028	H-101E 60cm	JIS		640×30×1.2	180g	10 4 960910 210288	
21107	H-101F 1m	JIS	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

- Features**
- JIS Grade 1 (15cm~2m)
 - 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

- Specifications**
- Inch conversion chart on the back (from 15cm to 1m)
 - Graduation pitch

	15cm~1m	1.5m~3m
Upper Graduation	1mm pitch	0.5mm pitch for up to 10cm 1mm pitch for the rest
Lower Graduation	0.5mm pitch	1mm pitch

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



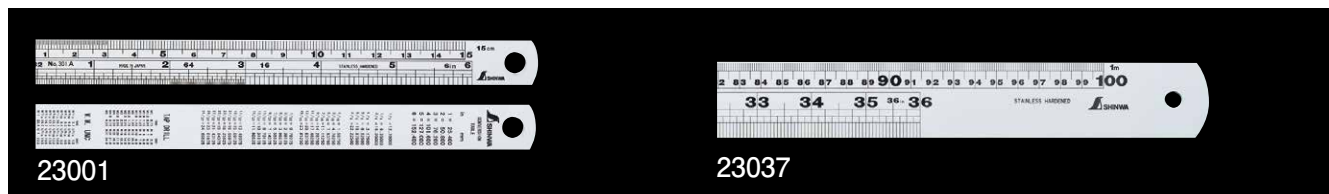
Item Code	Description of Product	Packaging	Overall Length×Width×Thickness(mm)	Weight	Packing Unit	JAN Code	
22004	H-201A 15cm / 6"			175×15×0.5	10g	50 4 960910 220041	
22012	H-201C 30cm / 12"			335×25×1.0	65g		4 960910 220126
22021	H-201E 60cm / 24"			640×30×1.2	180g	10 4 960910 220218	
22039	H-201F 1m / 36"			1,050×35×1.5	425g		4 960910 220393
22040	H-202G 1.5m / 60"			1,565×40×2.0	950g	5 4 960910 220409	
22041	H-202H 2m / 78"			2,065×40×2.0	1,250g		4 960910 220416
22042	H-202I 3m / 118"			3,065×40×3.0	2,865g		4 960910 220423

- 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

- Specifications**
- Graduation pitch

	15cm/6"~1m/36"	1.5m/60"~3m/118"
Front Side	Upper	0.5mm pitch
	Lower	1mm pitch
Back Side	Upper	1/10", 1/20", 1/50" pitch
	Lower	1/16", 1/32", 1/64" pitch

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



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

- 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

- Specifications**
- Inch conversion chart on the back (from 15cm to 1m)
 - Graduation pitch

	15cm/6"~1m/36"	1.5m/60"~3m/118"
Front Side	Upper	0.5mm, 1mm pitch
	Lower	1/16", 1/32", 1/64" pitch
Back Side	Conversion table	Plain

Carpenter's Squares
 Startups Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Rulers/Bamboo Rules
 Squares/Protectors
 Vernier Calipers/Micrometers
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers/Optical Equipment
 Inklines/Chalklines/Plumbchairs
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Environmental Measuring Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

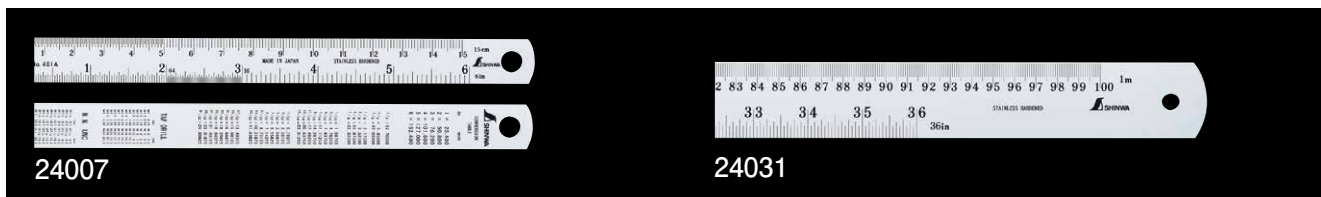
2. Stainless Steel Rules/Machine Scale

JIS JIS mark cm/shaku With red numbers With magnet
Packaging: Box Vinyl package Vinyl package + header card

The difference between Polish Finish and Hard Chrome Finish

Both are made of stainless steel, but the difference is that the hard chrome finish is a matte finish. This prevents glare and makes it easier to read.

Stainless Steel Rule Hard Chrome Finish [Metric/Inch]



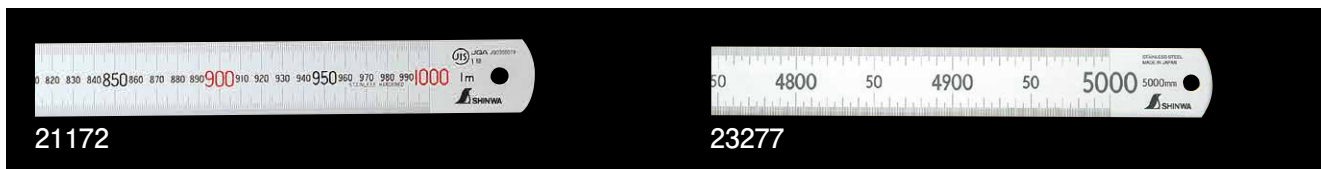
Item Code	Description of Product	Packaging	Overall Length×Width×Thickness (mm)	Weight	Packing Unit	JAN Code
24007	H-401A 15cm / 6"		175×15×0.5	10g	50	4 960910 240070
24015	H-401C 30cm / 12"		335×25×1.0	65g		4 960910 240155
24023	H-401E 60cm / 24"		640×30×1.2	180g	10	4 960910 240230
24031	H-401F 1m / 36"		1,050×35×1.5	425g		4 960910 240315
24252	H-402G 1.5m / 60"		1,565×40×2.0	950g	5	4 960910 242524
24260	H-402H 2m / 78"		2,065×40×2.0	1,250g		4 960910 242609
49099	H-402I 3m / 118"		3,065×40×3.0	2,865g		4 960910 490994

- 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

- Specifications**
- Inch conversion chart on the back (from 15cm to 1m)
 - Graduation pitch

		15cm/6"~1m/36"	1.5m/60"~3m/118"
Front Side	Upper	0.5mm, 1mm pitch	0.5mm, 1mm pitch
	Lower	1/16", 1/32", 1/64" pitch	1/16", 1/32", 1/64" pitch
Back Side		Conversion table	Plain

Stainless Steel Rule Polish Finish [Metric]



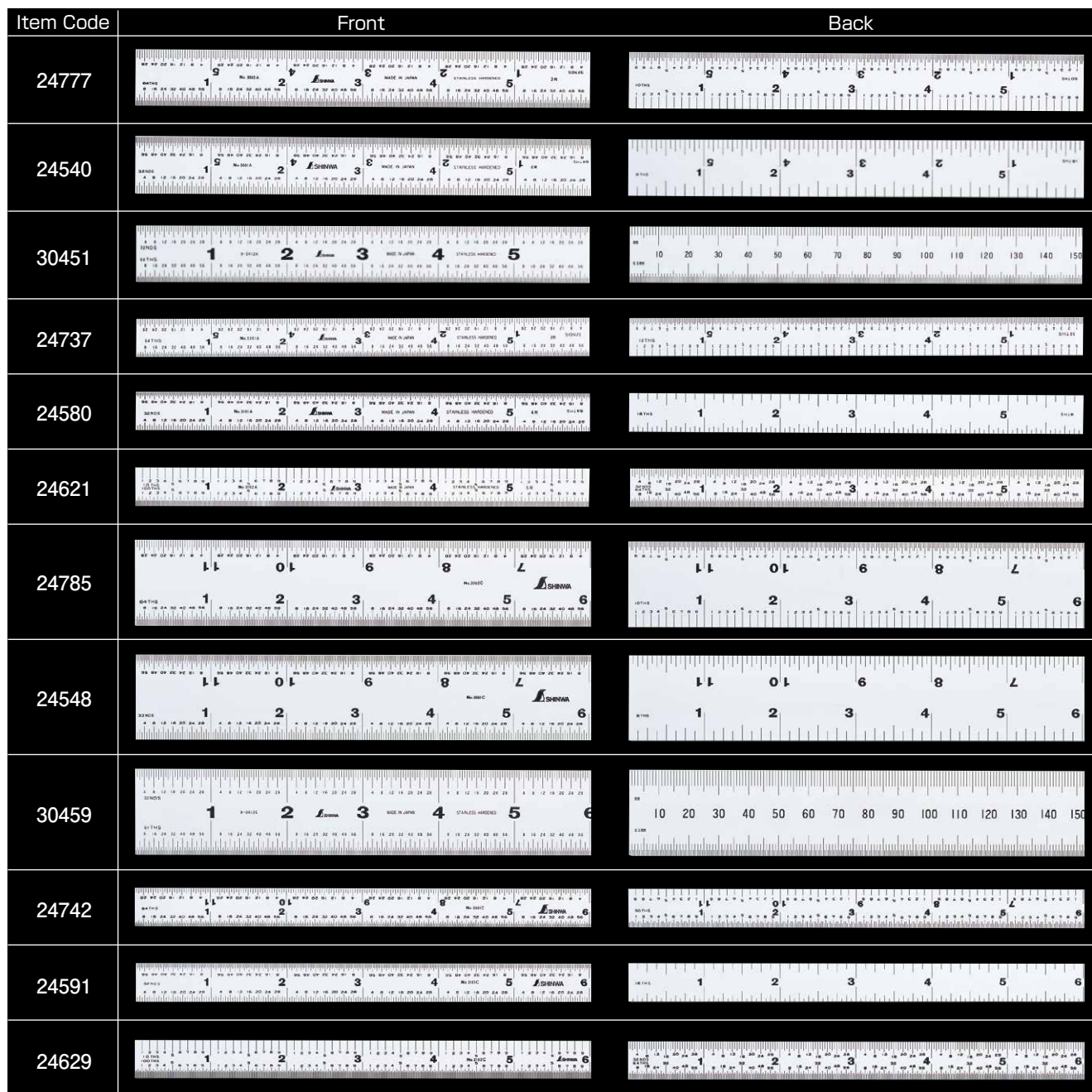
Item Code	Description of Product	Packaging	Overall Length×Width×Thickness (mm)	Weight	Packing Unit	JAN Code
21148	S-101A 15cm	JIS	175×15×0.5	10g	50	4 960910 211483
21156	S-101C 30cm	JIS	335×25×1.0	65g		4 960910 211568
21164	S-101E 60cm	JIS	640×30×1.2	180g	10	4 960910 211643
21172	S-101F 1m	JIS	1,050×35×1.5	425g		4 960910 211728
21741	S-102G 1.5m	JIS	1,565×40×2.0	950g	5	4 960910 217416
21768	S-102H 2m	JIS	2,065×40×2.0	1,250g		4 960910 217683
23275	S-102I 3m		3,065×40×3.0	2,865g		4 960910 232754
23276	S-102J 4m		4,065×45×3.0	4,253g	1	4 960910 232761
23277	S-102K 5m		5,065×45×3.0	5,299g		4 960910 232778
23278	S-102L 6m		6,065×45×3.0	6,345g		4 960910 232785

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

- Specifications**
- Inch conversion chart on the back (from 15cm to 1m)
 - Graduation pitch

		15cm~1m	1.5m~3m	4m~6m
Upper Graduation		1mm pitch	0.5mm pitch for up to 10cm 1mm pitch for the rest	1mm pitch
Lower Graduation		0.5mm pitch	1mm pitch	1mm pitch

Stainless Steel Rule Hard Chrome Finish



Item Code	Description of Product	Packaging	Overall LengthxWidthx Thickness (inch)	Weight	Packing Unit	JAN Code
24777	H-3302A 6" / 6" Rigid 3R		6x0.75x0.03	17g	25	4 960910 247772
24540	H-3001A 6" / 6" Rigid 4R		6x0.75x0.03	17g		4 960910 245402
30451	H-3412A 6" / 15cm Rigid EM		6x0.75x0.03	17g	50	4 960910 304512
24737	H-3301A 6" / 6" Flexible 3R		6x0.5x0.02	7g		4 960910 247376
24580	H-3101A 6" / 6" Flexible 4R		6x0.5x0.02	7g		4 960910 245808
24621	H-3102A 6" / 6" Flexible 5R		6x0.5x0.02	7g		4 960910 246218
24785	H-3302C 12" / 12" Rigid 3R		12x1.375x0.04	66g		4 960910 247857
24548	H-3001C 12" / 12" Rigid 4R		12x1.375x0.04	66g		4 960910 245488
30459	H-3412C 12" / 30cm Rigid EM		12x1.375x0.04	66g		4 960910 304598
24742	H-3301C 12" / 12" Flexible 3R		12x0.5x0.02	15g		4 960910 247420
24591	H-3101C 12" / 12" Flexible 4R		12x0.5x0.02	15g		4 960910 245914
24629	H-3102C 12" / 12" Flexible 5R		12x0.5x0.02	15g		4 960910 246294

Features

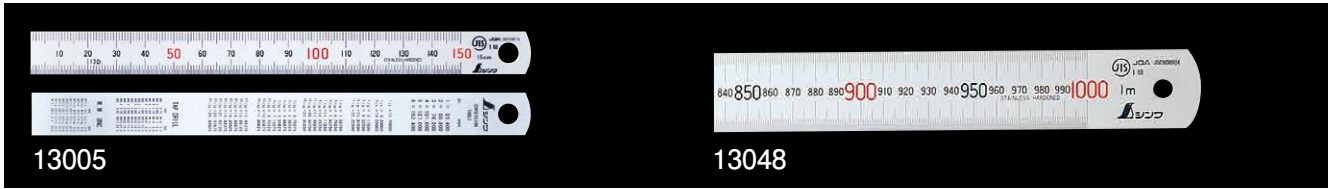
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability.
- Etching and plating finish maintains its performance even under harsh conditions.
- English package
- Made in Japan

Specifications

3R	1/32", 1/64", 1/10", 1/50"
4R	1/64", 1/32", 1/16", 1/8"
5R	1/10", 1/100", 1/64", 1/32"
EM	1/32", 1/64", 1.0mm, 0.5mm

Carpenter's Squares
 Starters Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Bamboo Rules
 Squares/Protectors
 Vernier Calipers/Micrometers
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers/Optical Equipment
 Inklines/Chalklines/Punchholders
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Hygrometers/Environmental Measure Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Stainless Steel Rule Hard Chrome Finish



Item Code	Description of Product	Packaging	Overall Length×Width× Thickness (mm)	Weight	Packing Unit	JAN Code
13005	15cm	JIS	175×15×0.5	10g	50	4 960910 130050
13013	30cm	JIS	335×25×1.0	65g		4 960910 130135
13021	60cm	JIS	640×30×1.2	180g	10	4 960910 130210
13048	1m	JIS	1,050×35×1.5	425g		4 960910 130487
13056	1.5m	JIS	1,565×40×2.0	950g	5	4 960910 130562
13064	2m	JIS	2,065×40×2.0	1,260g		4 960910 130647
13072	3m		3,065×40×3.0	2,865g		4 960910 130722

Features

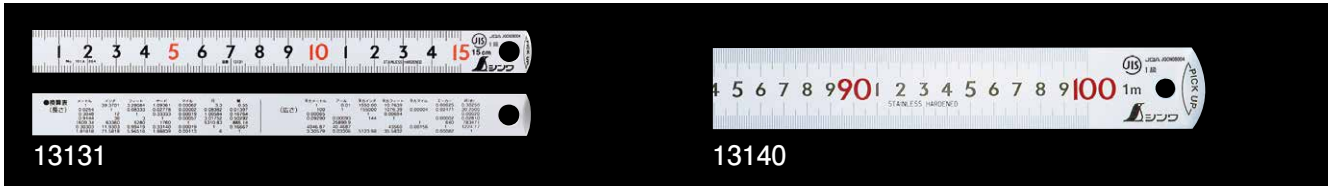
- JIS Grade 1 (15cm~2m)
- Hard chrome finish provides its surface with excellent durability and prevents glare on the scale for high readability.
- Etching and plating finish maintains its performance even under harsh conditions.

Specifications

- Inch conversion chart on the back (from 15cm to 1m)
- Graduation pitch

	15cm~1m	1.5m~3m
Upper Graduation	1 mm pitch	0.5mm pitch for up to 10cm 1mm pitch for the rest
Lower Graduation	0.5mm pitch	1 mm pitch

Stainless Pickup Rule Hard Chrome Finish



Item Code	Description of Product	Packaging	Overall Length×Width× Thickness (mm)	Weight	Packing Unit	JAN Code
13128	10cm		120×15×0.5	7g	50	4 960910 131286
13131	15cm	JIS	175×15×0.5	10g		4 960910 131316
13134	30cm	JIS	335×25×1.0	65g	10	4 960910 131347
13137	60cm	JIS	640×30×1.2	180g		4 960910 131378
13140	1m	JIS	1,050×35×1.5	425g	4 960910 131408	

Features

- JIS Grade 1 (15cm~1m)
- The bent end of the scale makes it easy to pick up.

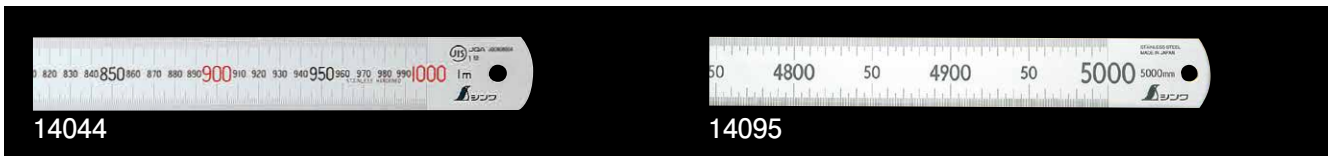


● Big numbers make it easy to read off.

Specifications

- Conversion chart on the back
- 1mm pitch for both upper and lower graduation

Stainless Steel Rule Polish Finish



Item Code	Description of Product	Packaging	Overall Length×Width× Thickness (mm)	Weight	Packing Unit	JAN Code
14001	15cm	JIS	175×15×0.5	10g	50	4 960910 140011
14028	30cm	JIS	335×25×1.0	65g		4 960910 140288
14036	60cm	JIS	640×30×1.2	180g	10	4 960910 140363
14044	1m	JIS	1,050×35×1.5	425g		4 960910 140448
14052	1.5m	JIS	1,565×40×2.0	950g	5	4 960910 140523
14060	2m	JIS	2,065×40×2.0	1,260g		4 960910 140608
14079	3m		3,065×40×3.0	2,865g		4 960910 140790
14087	4m		4,065×45×3.0	4,253g	4 960910 140875	
14095	5m		5,065×45×3.0	5,299g	1	4 960910 140950
14109	6m		6,065×45×3.0	6,345g		4 960910 141094

Features

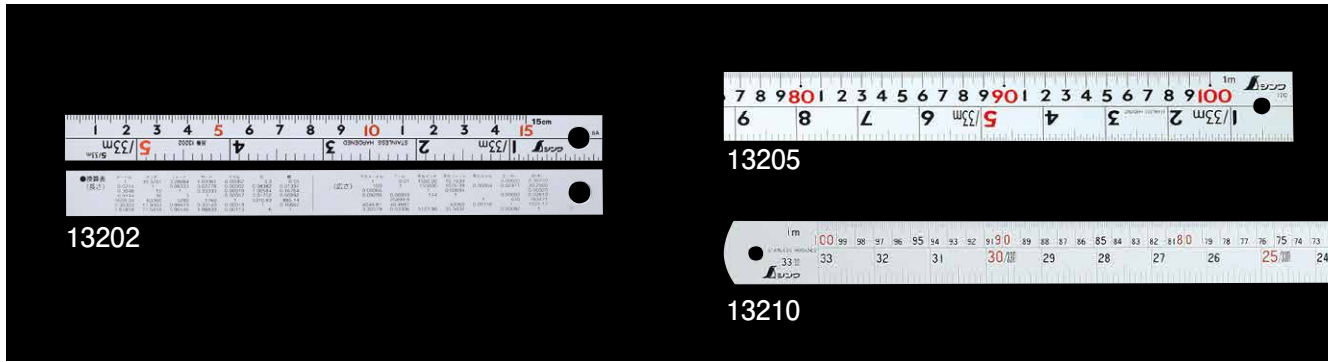
- JIS Grade 1 (15cm~2m)
- Polish finish offers both fine metallic luster and reasonable price.

Specifications

- Inch conversion chart on the back (from 15cm to 1m)
- Graduation pitch

	15cm~1m	1.5m~3m	4m~6m
Upper Graduation	1 mm pitch	0.5mm pitch for up to 10cm 1mm pitch for the rest	1 mm pitch
Lower Graduation	0.5mm pitch	1 mm pitch	1 mm pitch

Stainless Steel Rule Hard Chrome Finish Metric/Shaku



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

Refer to P.2 about the shaku scale.

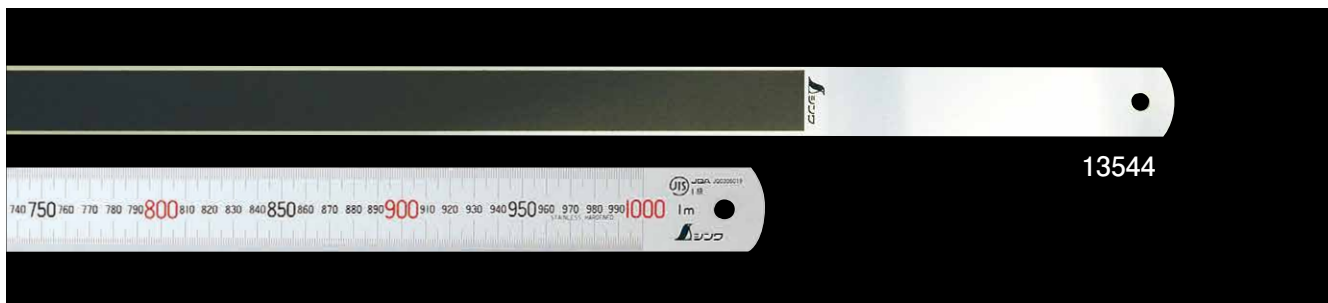
Features

- 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. (For item code 13210, the reference point on both the upper and lower graduations reads from the right side edge.)

Specifications

- Conversion chart on the back
 Double-left Reference Point model:
 Conversion chart of weights and measures
 Right Reference Point model:
 Inch conversion chart
- Graduation
 Upper 1mm pitch
 Lower Shaku

Stainless Steel Rule Hard Chrome Finish with Magnet



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

Features

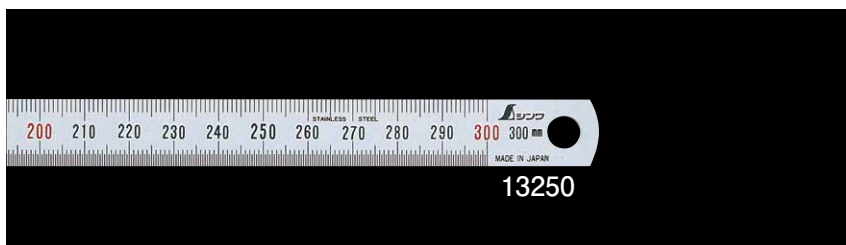
- JIS Grade 1
- A magnetic sheet is attached on the back

Specifications

- Graduation pitch

Upper Graduation	1mm pitch
Lower Graduation	0.5mm pitch

Flexible Stainless Steel Rule Hard Chrome Finish



Item Code	Description of Product	Packaging	Overall LengthxWidthx Thickness(mm)	Weight	Packing Unit	JAN Code
13250	30cm		325x15x0.5	18g	50	4 960910 132504
13269	60cm		630x15x0.5	35g	10	4 960910 132696
13277	1m		1,030x15x0.5	60g		4 960910 132771
13285	1.5m		1,530x15x0.5	87g		4 960910 132856
13293	2m		2,030x15x0.5	115g		4 960910 132931

Features

- Narrower and thinner rule with flexibility
- Its quality is the same as JIS products.

Use

- Measuring curves or for attaching to machines

Specifications

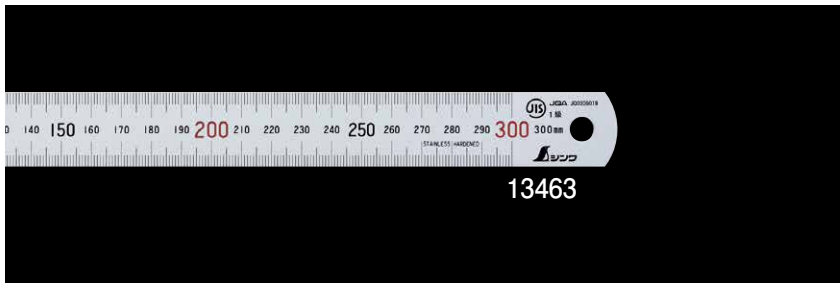
- Graduation pitch

	30cm~1m	1.5m~2m
Upper Graduation	1mm pitch	
Lower Graduation	0.5mm pitch	1mm pitch

Carpenter's Squares
 Starters Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Bamboo Rules
 Squares/Protectors
 Vernier Callipers/Micrometers
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers/Optical Equipment
 Inklines/Chalklines/Punchholders
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Hygrometers/Environmental Measure Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Stainless Steel Rule Hard Chrome Finish 1mm Dividing

※Made-to-order



Features

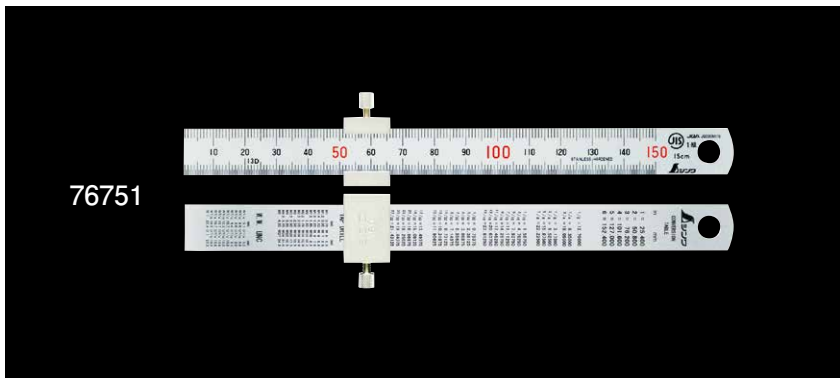
- JIS Grade 1
- Easy to read 1mm pitch for a situation that does not require detailed graduations

Specifications

- Inch conversion chart on the back
- Graduation 1mm pitch both upper and lower

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

Stainless Steel Rule Hard Chrome Finish with Stopper

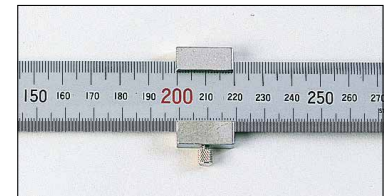


Features

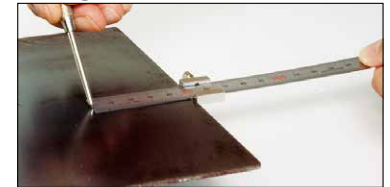
- JIS Grade 1

Use

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

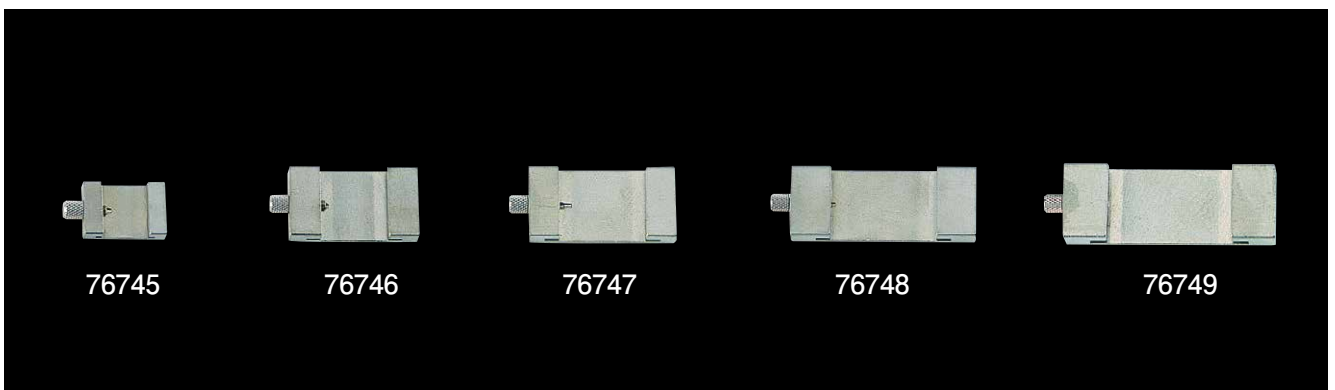


Marking



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

Rule Stopper



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

Features

- By attaching to a ruler, it enables to hold and measure depth more easily and accurately.

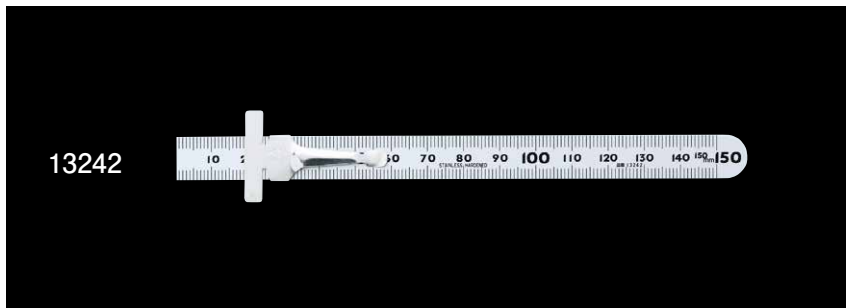
Use

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

Specifications

- Material Brass

Stainless Steel Rule Mini



Item Code	Description of Product	Packaging	Overall LengthxWidthx Thickness(mm)	Weight	Packing Unit	JAN Code
13242	Hard Chrome Finish 15cm		160x26x0.5 Rule Width: 12	8g	20	
14249	Polish Finish 15cm					

- Features**
- The clip secures it in your pocket.
 - It can also be used as a depth gauge by sliding the clip.
 - Easy to carry around
- Use**
- For measuring length and depth
- Specifications**
- Graduation pitch 1mm pitch for both upper and lower
 - Inch conversion chart on the back

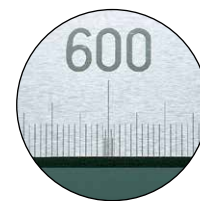
6-folding Stainless Steel Rule Polish Finish



Item Code	Description of Product	Packaging	Overall LengthxWidthx Thickness(mm)	Weight	Packing Unit	JAN Code
63770	1m		1,000x15x0.5	64g	10	

- Features**
- This 1m scale can be folded into six parts to carry and store easily.
- Specifications**
- Material Stainless steel

Precision Stainless Steel Rule Hard Chrome Finish with JCSS Certificate



14115 **with JCSS Certificate** ※1

※1 Measuring points at every 100mm (only bottom side scale)

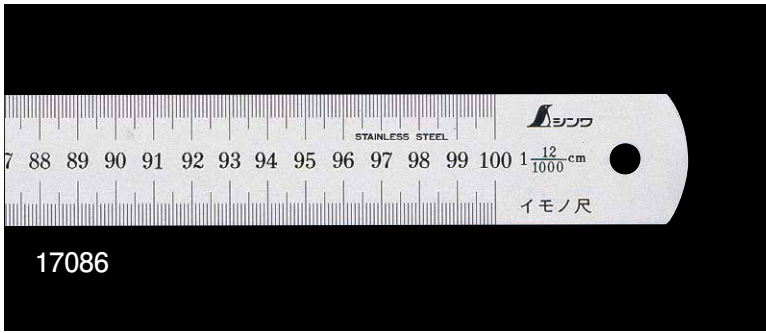
Item Code	Description of Product	Packaging	Overall LengthxWidthx Thickness(mm)	Weight	Packing Unit	JAN Code
14113	30cm ※2		310x30x10	724g	1	
14114	60cm ※2		610x30x10	1,425g		
14115	1m		1,010x30x10	2,360g		

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

- Features**
- Rules for examination or calibration
 - It comes with a premium wooden box.
- Specifications**
- Material Stainless steel
 - Graduations for Instrumental error: 0.25mm pitch (1mm before and behind) on 30cm, 60cm, 1m
 Graduations: 1mm pitch except for graduations for instrumental error
 Graduations line width: 0.1-0.2mm
 Length tolerance: ±0.06mm
 Coefficient of linear expansion: 10.3x10⁻⁶/°C

Carpenter's Squares
 Stainless Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Bamboo Rules
 Squares/Protectors
 Vernier Callipers/Micrometers
 Tape Measures
 Surveying Products
 Scales
 Levels
 Lasers/Optical Equipment
 Inklines/Chalklines/Punchholders
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Hygrometers/Environmental Measure Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

Molding Rule



■ 12/1000

This means that 1cm measured on contraction rule is actually 1.012cm.

Description of Product	Packaging	Overall Length×Width×Thickness(mm)	Weight	Packing Unit
15cm ○○/1000		182×15×0.5	11g	10
30cm ○○/1000		345×25×1.0	66g	
60cm ○○/1000		651×30×1.2	185g	
1m ○○/1000		1,060×35×1.5	435g	1
2m ○○/1000		2,085×40×2.0	1,275g	

Features

- These are ideal rules for creating wood or metal molds for casting. A casting is set by pouring melted cast metal into a mold. As the casted metal contracts as it cools, the mold is made with extra dimensions. Since the contraction percentage varies depending on metals, sizes and foundries, various molding rules with different enlargement ratios are required.
- Hard chrome finish prevents glare on the scale, making it easier to read.

Specifications

- Material Stainless steel

※The length and weight are based on 10/1000 model. It varies depending on percent elongation.

Item Code list

※ Blue frames indicate stock items. Others are made-to-order items including (-).

Length ○/1000	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15cm	81738	46800	—	18003	18004	14932	—	18007	—	18015	19005	18023	18024	81657	18031
30cm	—	15000	15296	15008	15016	15024	15032	15040	15059	15067	15261	15075	15083	15091	15105
60cm	81737	16000	16381	16004	16012	16020	16039	16047	16055	16063	16365	16071	16098	16101	16128
1m	—	17001	17345	17000	17019	17027	17035	17043	17051	17078	17353	17086	17094	17108	17116
2m	—	18500	14050	—	73879	—	83803	18503	18686	18511	18499	18538	18678	18546	18554

Length ○/1000	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15cm	—	14938	14939	67845	18058	—	18066	77785	77196	18074	—	14950	77673	—	18082
30cm	15113	15121	15148	15334	15156	15288	15164	15172	15180	15199	15202	15210	15229	18090	15237
60cm	16136	16144	16152	16160	16179	16373	16187	16195	16209	16217	16225	16233	16241	14900	16268
1m	17124	17132	17140	17159	17167	17361	17175	17183	17191	17205	—	17221	17248	75416	17256
2m	18562	18570	18589	18597	18600	—	18619	65204	15380	18627	—	14945	65205	—	18635

Length ○/1000	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
15cm	—	82895	—	—	79463	—	—	—	—	—	—	—	—	—	—
30cm	75412	15342	75413	15253	15245	14913	15326	81668	81734	15350	15351	15368	—	—	15369
60cm	14901	16276	14902	16284	16292	16296	16403	16411	14903	16300	16308	16309	16310	14909	16311
1m	75417	17264	—	17272	17280	14925	17388	—	81735	17426	—	17391	—	—	17396
2m	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Length ○/1000	46	47	48	49	50	51	52	53	54	55	57	60	62	67	72
15cm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19007
30cm	15370	15371	15666	15667	15318	—	14099	—	16490	16491	16131	72841	—	—	19008
60cm	16304	16305	16312	14904	16306	14905	16454	14906	14908	16314	16132	16322	16330	16349	16357
1m	17397	17398	—	17377	17310	17315	17418	—	14927	—	16133	17329	17302	—	—
2m	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Carpenter's Squares
 Steel Rules/Machine Scale
 Aluminum Rules
 Resin Folding Bamboo Rules
 Squares/Protractors
 Vernier Callipers/Micrometers
 Tape Measures
 Surveying Products
 Scales
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 Lasers/Optical Equipment
 Inklines/Chalklines/Punchholders
 Circular Saw Guides
 Construction Tools
 Industrial Tools
 Thermometers/Hygrometers/Environmental Measure Instruments
 Outdoor Products
 Magnifying Glasses
 Drawing Tools
 Magnets

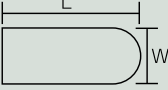
Rules Specification

※Varies depending on length

Items	Base Zero Point at Edge	Numerical Unit		Graduation Pitch				
		mm	cm	Upper Graduation		Lower Graduation		
				0.5mm	1mm	0.5mm	1mm	Shaku
Stainless Steel Rules Hard Chrome Finish	●	●			●	●※		
Stainless Steel Rules Hard Chrome Finish Metric x Shaku	●		●		●			●
Stainless Pickup Rules Hard Chrome Finish	●		●		●		●	
Stainless Steel Rules Polish Finish	●	●			●	●※		
Stainless Steel Rules Polish Finish with Scale Stopper	●	●			●	●		
Stainless Steel Rule Polish Finish with Magnet	●	●			●	●		
Stainless Steel Rule Hard Chrome Finish 1mm Dividing	●	●			●		●	
Stainless Steel Rule Hard Chrome Finish Flex Ruler 15mm Width	●	●			●	●		
Stainless Steel Rule Mini	●	●			●		●	
Contraction Rule	●		●		●		●	

Metal Rules Grade 1 of JIS B7516-2005(abstract)

as of June, 2016

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						
Size  Unit : mm	Nominal Size	Overall Length(L)		Thickness(T)		Width(W)	
		Size	Tolerance	Size	Tolerance	Size	Tolerance
	150	175	±5mm	0.5	±10%	15	±2%
	300	335		1.0		25	
	600	640		1.2		30	
	1,000	1,050		1.5		35	
	1,500	1,565		2.0		40	
	2,000	2,065		2.0		40	
Flatness of Scale Face	The scale face shall be flat to a level of no hindrance to measurements.						
Straightness of Scale Side Face Unit : mm	Nominal Size	Straightness	Nominal Size	Straightness			
	150	0.23 max	1,000	0.40 max			
	300	0.26 max	1,500	0.50 max			
	600	0.32 max	2,000	0.60 max			
Squareness of Scale End Face	The squareness of the scale end face of a rule in respect of its scale side shall be 0.035mm max per 10mm length of the end face.						
Tolerance of Length *Temperature at 20°C Unit : mm	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				

Conversion table

Items	Inch Conversion Chart (TAP DRILL WW,UNC)	Measurement Conversion Chart			
		Length	Width	Weight	Volume
Hard Chrome Finish	15cm	●			
	30cm	●			
	60cm	●			
	1m	●			
Metric x Shaku	15cm left	●	●		
	30cm left	●	●		
	60cm left	●	●	●	
	1m left	●	●	●	●
Polish Finish	15cm	●			
	30cm	●			
Pickup	10cm		●		
	15cm		●	●	
	30cm		●	●	
With Scale Stopper	15cm	●			
	30cm	●			
	60cm	●	●	●	
	1m	●	●	●	●
1mm Dividing	15cm	●			
	30cm	●			
	60cm	●			
	1m	●			
Mini	15cm	●			

■ Material Less than 2m : Stainless steel SUS420J2 Over 3m : Stainless steel SUS304

(SUS means STELL STAINELSS—rust-resistant. Hv means HARD VICKERS—unit for hardness.)

All of our stainless rules are registered as Japanese Industrial Standard (JIS) under the specifications above. Although some of rules exceed JIS specifications due to unusual graduations, shapes, or sizes, all of our products, regardless of registration, have gone through strict product inspections based on the JIS specifications above to provide safe, high quality products. SUS420J2 has baking finish. SUS304 doesn't have baking finish.

Length tolerance over 3m : 3m±0.5mm, 4m±0.65mm, 5m±0.8mm, 6m±0.95mm

Machine Scale

● 14130 200mm
Upper-left Reference Point ①



● 14137 200mm
Upper-right Reference Point ②



● 14142 200mm
Upper-central Reference Point ③



● 14149 200mm
Lower-left Reference Point ④



● 14156 200mm
Lower-right Reference Point ⑤



● 14161 200mm
Lower-central Reference Point ⑥



● 14165 Indicator Plate



■ The precision is based on "Metal Rules Grade 1 of JIS" from page 34.

Without Holes

Graduations	Item Code	Description of Product
① Upper left	14127	50mm
	14128	100mm
	14129	150mm
	14130	200mm
	14131	300mm
	14132	500mm
② Upper right	14134	50mm
	14135	100mm
	14136	150mm
	14137	200mm
	14138	300mm
	14139	500mm
③ Upper central	14141	100mm
	14142	200mm
	14143	300mm
	14144	500mm

Graduations	Item Code	Description of Product
④ Lower left	14146	50mm
	14147	100mm
	14148	150mm
	14149	200mm
	14150	300mm
	14151	500mm
⑤ Lower right	14153	50mm
	14154	100mm
	14155	150mm
	14156	200mm
	14157	300mm
	14158	500mm
⑥ Lower central	14160	100mm
	14161	200mm
	14162	300mm
	14163	500mm

Item Code	Description of Product
14165	Indicator Plate

※ Size: Machine Scales 15mm wide × 0.5mm thick
 ※ Size: Indicator Plate 20mm long × 15mm wide × 0.5mm thick
 Material : Stainless steel



Hole Making Fee (made-to-order)

Please ask us about Hole Making Fee. Hole positions are as shown in the figure below.

Hole Positions A=Size B=Location of hole (hole diameter 3.5mm)

