

CAN BE CUSTOM-MADE

DIAMETER METERS



7135-525

Unit: mm



- Measure diameter of pipes, trees, tires, etc.
- Made of stainless steel

Standard type

Code	Diameter range	Graduation	Accuracy
7135-35 *	Ø20-35mm	0.05mm	±0.05mm
7135-55 *	Ø30-55mm	0.05mm	±0.05mm
7135-125	Ø50-125mm	0.01mm	±0.05mm
7135-225	Ø100-225mm	0.01mm	±0.05mm
7135-375	Ø200-375mm	0.01mm	±0.05mm
7135-525	Ø350-525mm	0.01mm	±0.05mm
7135-725	Ø500-725mm	0.01mm	±0.06mm
7135-925	Ø700-925mm	0.01mm	±0.06mm
7135-1125	Ø900-1125mm	0.02mm	±0.06mm
7135-1325	Ø1100-1325mm	0.02mm	±0.08mm
7135-1525	Ø1300-1525mm	0.02mm	±0.08mm
7135-1725	Ø1500-1725mm	0.02mm	±0.08mm
7135-1925	Ø1700-1925mm	0.02mm	±0.08mm
7135-2125	Ø1900-2125mm	0.02mm	±0.08mm
7135-2325	Ø2100-2325mm	0.02mm	±0.10mm
7135-2525	Ø2300-2525mm	0.02mm	±0.10mm
7135-2750	Ø2500-2750mm	0.02mm	±0.10mm
7135-3000	Ø2750-3000mm	0.02mm	±0.10mm
7135-3250	Ø3000-3250mm	0.02mm	±0.15mm
7135-3500	Ø3250-3500mm	0.02mm	±0.15mm

Code	Diameter range	Graduation	Accuracy
7135-3750	Ø3500-3750mm	0.02mm	±0.15mm
7135-4000	Ø3750-4000mm	0.02mm	±0.20mm
7135-4250	Ø4000-4250mm	0.02mm	±0.20mm
7135-4500	Ø4250-4500mm	0.02mm	±0.20mm
7135-4750	Ø4500-4750mm	0.02mm	±0.20mm
7135-5000	Ø4750-5000mm	0.02mm	±0.20mm
7135-5250	Ø5000-5250mm	0.02mm	±0.005%L **
7135-5500	Ø5250-5500mm	0.02mm	±0.005%L **
7135-5750	Ø5500-5750mm	0.02mm	±0.005%L **
7135-6000	Ø5750-6000mm	0.02mm	±0.005%L **
7135-6250	Ø6000-6250mm	0.02mm	±0.005%L **
7135-6500	Ø6250-6500mm	0.02mm	±0.005%L **
7135-6750	Ø6500-6750mm	0.02mm	±0.005%L **
7135-7000	Ø6750-7000mm	0.02mm	±0.005%L **
7135-7250	Ø7000-7250mm	0.02mm	±0.005%L **
7135-7500	Ø7250-7500mm	0.02mm	±0.005%L **
7135-7750	Ø7500-7750mm	0.02mm	±0.005%L **
7135-8000	Ø7750-8000mm	0.02mm	±0.005%L **
7135-8250	Ø8000-8250mm	0.02mm	±0.005%L **

Long type

Code	Diameter range	Graduation	Accuracy
7135-80 *	Ø9-80mm	0.05mm	±0.05mm
7135-55B *	Ø15-55mm	0.02mm	±0.05mm
7135-300	Ø50-300mm	0.01mm	±0.05mm
7135-600	Ø300-600mm	0.01mm	±0.05mm
7135-900	Ø600-900mm	0.01mm	±0.06mm
7135-1200	Ø900-1200mm	0.02mm	±0.08mm
7135-1500	Ø1200-1500mm	0.02mm	±0.08mm
7135-1800	Ø1500-1800mm	0.02mm	±0.08mm
7135-2100	Ø1800-2100mm	0.02mm	±0.08mm
7135-2400	Ø2100-2400mm	0.02mm	±0.10mm
7135-2700	Ø2400-2700mm	0.02mm	±0.10mm
7135-3000B	Ø2700-3000mm	0.02mm	±0.10mm
7135-3300	Ø3000-3300mm	0.02mm	±0.15mm
7135-3600	Ø3300-3600mm	0.02mm	±0.15mm
7135-3900	Ø3600-3900mm	0.02mm	±0.20mm
7135-4200	Ø3900-4200mm	0.02mm	±0.20mm
7135-4500B	Ø4200-4500mm	0.02mm	±0.20mm

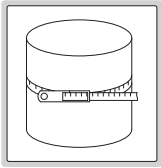
Code	Diameter range	Graduation	Accuracy
7135-4800	Ø4500-4800mm	0.02mm	±0.20mm
7135-5100	Ø4800-5100mm	0.02mm	±0.005%L **
7135-5400	Ø5100-5400mm	0.02mm	±0.005%L **
7135-5700	Ø5400-5700mm	0.02mm	±0.005%L **
7135-6000B	Ø5700-6000mm	0.02mm	±0.005%L **
7135-6300	Ø6000-6300mm	0.02mm	±0.005%L **
7135-6600	Ø6300-6600mm	0.02mm	±0.005%L **
7135-6900	Ø6600-6900mm	0.02mm	±0.005%L **
7135-7200	Ø6900-7200mm	0.02mm	±0.005%L **
7135-7500B	Ø7200-7500mm	0.02mm	±0.005%L **
7135-7800	Ø7500-7800mm	0.02mm	±0.005%L **
7135-8100	Ø7800-8100mm	0.02mm	±0.005%L **
7135-8400	Ø8100-8400mm	0.02mm	±0.005%L **
7135-8700	Ø8400-8700mm	0.02mm	±0.005%L **
7135-9000	Ø8700-9000mm	0.02mm	±0.005%L **
7135-9300	Ø9000-9300mm	0.02mm	±0.005%L **

** L is the actual measured value (unit: mm)

* The thickness of code 7135-35, 7135-55, 7135-80 and 7135-55B is 0.10mm, while the thickness of other codes is 0.25mm

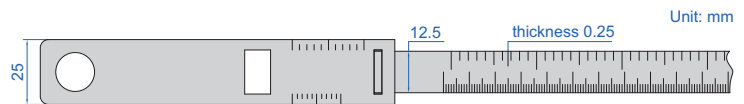
CIRCUMFERENCE METERS

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7136-1880

- Measure diameter and circumference of pipes, trees, tires, etc.
- Made of stainless steel



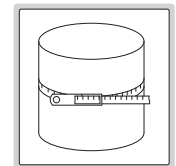
Code	Circumference range	Diameter range	Graduation	Accuracy	
				circumference	diameter
7136-940	160-940mm	Ø50-300mm	0.1mm	±0.30mm	±0.10mm
7136-1880	940-1880mm	Ø300-600mm	0.1mm	±0.30mm	±0.10mm
7136-2830	1880-2830mm	Ø600-900mm	0.1mm	±0.30mm	±0.10mm
7136-3770	2830-3770mm	Ø900-1200mm	0.1mm	±0.30mm	±0.10mm
7136-4710	3770-4710mm	Ø1200-1500mm	0.1mm	±0.30mm	±0.10mm
7136-5650	4710-5650mm	Ø1500-1800mm	0.1mm	±0.30mm	±0.10mm
7136-6600	5650-6600mm	Ø1800-2100mm	0.1mm	±0.30mm	±0.10mm
7136-7540	6600-7540mm	Ø2100-2400mm	0.1mm	±0.30mm	±0.10mm
7136-8480	7540-8480mm	Ø2400-2700mm	0.1mm	±0.30mm	±0.10mm
7136-9430	8480-9430mm	Ø2700-3000mm	0.1mm	±0.30mm	±0.10mm

CIRCUMFERENCE METERS (ECONOMIC TYPE)

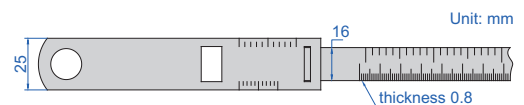
- Measure diameter and circumference of soft materials like pipes, trees, tires, etc.
- Graduation: 0.1mm
- Laser engraved scale
- Made of stainless steel



7114-950



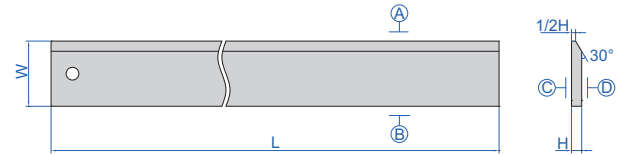
Code	Circumference range	Diameter range	Accuracy	
			circumference	diameter
7114-950	150-950mm	Ø50-300mm	±3mm	±1mm
7114-2200	940-2200mm	Ø300-700mm	±3mm	±1mm
7114-3460	2190-3460mm	Ø700-1100mm	±3mm	±1mm



PRECISION STRAIGHT EDGES WITH BEVELED EDGE

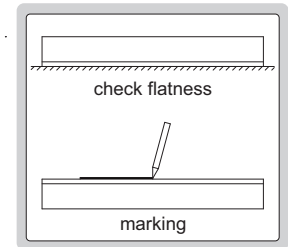


7118-300



- Check flatness and for marking
- Made of tool steel

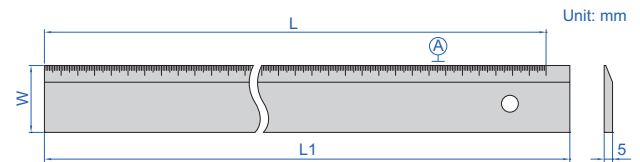
Code	Range (L)	Flatness of A and B	Flatness of C and D	W	H
7118-300	305mm	0.005mm	0.05mm	41mm	6.3mm
7118-600	610mm	0.006mm	0.06mm	51mm	7.9mm
7118-900	914mm	0.007mm	0.06mm	64mm	9.5mm



STRAIGHT EDGES

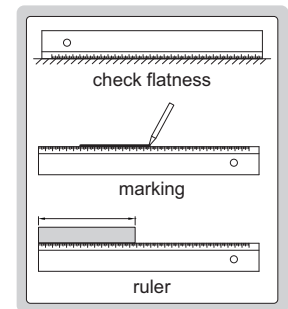


7111-300A



- Check flatness and straightness, as well as for marking
- Graduation on the beveled edge
- Made of hardened tool steel
- Chrome plated
- Graduation: 1mm

Code	Range (L)	Straightness of A	L1	W
7111-300A	300mm	0.02mm	310mm	40mm
7111-500A	500mm	0.03mm	510mm	40mm
7111-1000A	1000mm	0.04mm	1010mm	50mm



13

OPTICAL FLATS



4191-45B

- Check flatness
- Single working face, the arrow indicates the working face

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Code	b	ØD	Flatness
4191-45A	12mm	45mm	0.03µm
4191-60A	15mm	60mm	0.03µm

Code	b	ØD	Flatness
4191-45B	12mm	45mm	0.1µm
4191-60B	15mm	60mm	0.1µm

MEASURING WHEEL



after folding

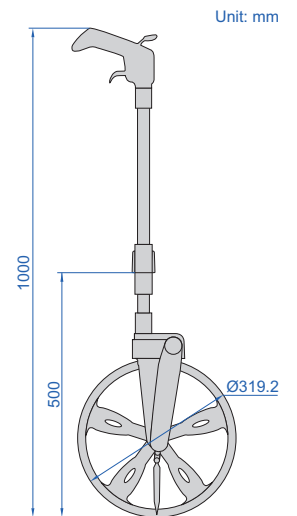


backpack (included)

- ABS plastic frame, wear-resistant PU tire
- Two-section foldable handle



7145-1



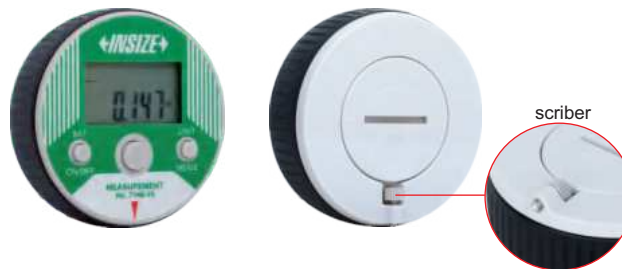
Unit: mm

Code	Range	Resolution
7145-1	0.1-9999.9m	0.1m

IP40
WATERPROOF

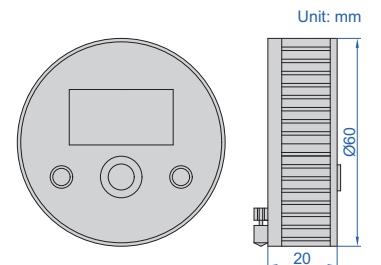


DIGITAL MEASURING WHEEL



7146-10

- IP40 dust/waterproof
- Measuring length of curve
- Four measurement modes: length, rectangle area, diameter of circle, cube
- Resolution: 0.001m/0.01ft
- Button function: on/off, mm/inch, one or two sides set, measurement mode conversion, measurement
- Battery CR2032, automatic power off



Unit: mm

Code	Range	Accuracy
7146-10	0-10m/0-32.8ft	±0.3%L (L is the measured length)

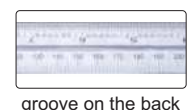
15

RIGID RULER



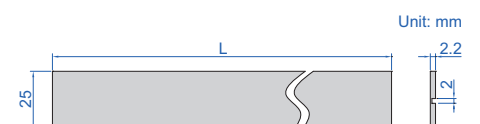
7113-300A

- Rigid ruler
- With groove on the back, suitable for combination square set (2278 series)
- Satin chrome plated



groove on the back

Code	Range	Graduation		Accuracy	L
		front	back		
7113-300A	300mm/12"	0.5mm and 1/32"	1mm and 1/64"	±0.15mm	300mm



Unit: mm

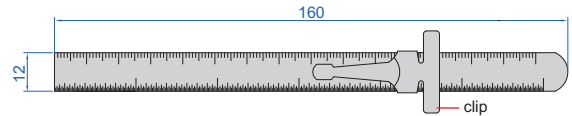
POCKET RULER WITH SLIDING CLIP

- With sliding clip, clip can be inserted in the pocket, also can be used as depth gauge base
- Inch/metric conversion table on the back
- Made of stainless steel



7119-150

Unit: mm



Code	Range	Graduation	Accuracy
7119-150	150mm/6"	1mm, 1/64"	±0.3mm

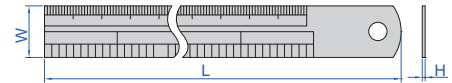
STEEL RULERS

POPULAR MODEL

- Graduation: 0.5mm, 1mm, 1/64", 1/32", 1/16"
- Rigid rulers
- Made of stainless steel
- Non-glare surface



7110-300



Individual (1 pc per package)

(mm)

Code	Range	Accuracy	L	W	H	Remark
7110-150	150mm/6"	±0.18mm	170	18	1.0	metric graduation on front and inch graduation on back
7110-200	200mm/8"	±0.18mm	220	18	1.0	metric graduation on front and inch graduation on back
7110-300	300mm/12"	±0.27mm	330	25	1.0	metric graduation on front and inch graduation on back
7110-3001	300mm/12"	±0.27mm	325	30	1.0	metric graduation on front and inch graduation on back
7110-500	500mm/20"	±0.40mm	530	30	1.2	metric graduation on front and inch graduation on back
7110-600	600mm/24"	±0.50mm	630	30	1.2	metric graduation on front and inch graduation on back
7110-1000	1000mm/40"	±0.50mm	1040	32	1.5	metric graduation on front and inch graduation on back
7110-1200	1200mm/48"	±0.80mm	1240	35	1.8	metric and inch graduation on front
7110-1500	1500mm/60"	±1.00mm	1550	38	1.8	metric and inch graduation on front
7110-2000	2000mm/80"	±1.00mm	2065	40	2.0	metric and inch graduation on front

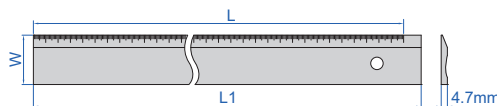
Set

(mm)

Code	Range	Accuracy	L	W	H	Remark	Quantity per package
7110-150A	150mm/6"	±0.18mm	170	18	1.0	metric graduation on front and inch graduation on back	10 pcs
7110-200A	200mm/8"	±0.18mm	220	18	1.0	metric graduation on front and inch graduation on back	10 pcs
7110-300A	300mm/12"	±0.27mm	330	25	1.0	metric graduation on front and inch graduation on back	5 pcs
7110-3001A	300mm/12"	±0.27mm	325	30	1.0	metric graduation on front and inch graduation on back	5 pcs
7110-500A	500mm/20"	±0.40mm	530	30	1.2	metric graduation on front and inch graduation on back	5 pcs
7110-600A	600mm/24"	±0.50mm	630	30	1.2	metric graduation on front and inch graduation on back	5 pcs
7110-1000A	1000mm/40"	±0.50mm	1040	32	1.5	metric graduation on front and inch graduation on back	5 pcs
7110-1200A	1200mm/48"	±0.80mm	1240	35	1.8	metric and inch graduation on front	5 pcs
7110-1500A	1500mm/60"	±1.00mm	1550	38	1.8	metric and inch graduation on front	5 pcs
7110-2000A	2000mm/80"	±1.00mm	2065	40	2.0	metric and inch graduation on front	5 pcs

ALUMINUM RULERS

- Made of aluminum, oxidized surface



7123-300

Code	Range (L)	Graduation	Accuracy	L1	W
7123-300	300mm	1mm	±0.5mm	321mm	50mm
7123-600	600mm	1mm	±0.9mm	624mm	50mm
7123-1000	1000mm	1mm	±0.9mm	1024mm	50mm