

High precision measuring tools



**OCEAN
TRADE**
THE CENTER OF CUTTING
TOOLS AND RIGGING



Icon and Instruction

Introduction of IP Protection Class

IP X X

Protection code ——— | ——— Level code of protection for liquid
Level code of protection for solid objects

Protection for solid objects

First Digit	Protection Class	
	Description	Explanation
4	Protection against foreign objects (Diameter $\geq 1.0\text{mm}$)	Protection against solid objects are greater than 1 millimeter in diameter.
5	Dust Prevention	Can not completely prevent dust from entering, the amount of dust entering must not affect the normal operation of the equipment or affect its safety.
6	Dustproof	Complete protectiton against dust infiltration.

Protection for liquid

Second Digit	Protection Class	
	Description	Explanation
4	Protection against splash water	Water splashing against the device from any direction may not have any harmful effect
5	Protection against water spraying	Water spraying on the device from any direction may not have any harmful effect
6	Protection against strong water spraying	Strong water spraying on the device from any direction may not have any harmful effect
7	Protection against temporary immersion in water	When the device is immersed in water up to 1 meter form the lower edge of the device, water may not enter the device in any sufficient quantity to cause damage.

Icon and Instruction



Accuracy and design conform to Chinese standard



Accuracy and design conform to Industry standard



Made of stainless steel



With depth bar(flat)



All parts hardened



With data interface



With depth bar(round $\varnothing 1.6$)

A**DIGITAL CALIPERS**

001-022

**B****VERNIER CALIPERS**

023-031

**C****DIAL CALIPERS**

032-034

**D****DEPTH GAUGES**

035-046

**E****HEIGHT GAUGES**

047-050

**F****NONSTANDARD
CALIPERS**

051-092

**G****MICROMETERS**

093-112

**H****DIGITAL INDICATORS**

113-129

**I****DIAL INDICATORS**

130-139

**J****MISCELLANEOUS**

140-147

**K****DATA MANAGEMENT
SOLUTIONS**

148-154

**L****INSPECTION SYSTEM
SOLUTIONS**

155-161



Products Index

A. DIGITAL CALIPERS.....001

01. Absolute Digital Caliper.....	002
02. Bluetooth Digital Caliper	003
03. 1.5V Big Screen Digital Caliper.....	004
04. 3V Lithium Battery Digital Caliper.....	005
05. Full Screen Digital Caliper	006
06. Mini Digital Caliper	006
07. Digital Caliper IP66 Class.....	007
08. Digital Caliper IP67 Class.....	008
09. Fast Display Digital Caliper	009
10. Fractional Digital Caliper.....	010
11. High Accuracy Digital Caliper	011
12. Titanium-plated Digital Caliper.....	011
13. Antimagnetic Titanium-plated Digital Caliper	012
14. Digital Caliper with Carbide-tipped Jaws.....	012
15. Solar Digital Caliper	013
16. Left-handed Digital Caliper	013
17. Digital Caliper with Flip-up Screen.....	014
18. Absolute Digital Caliper With Basic and Outside Measuring Jaws.....	015
19. Absolute Digital Caliper With Standard Jaws	016
20. Absolute Digital Caliper With Basic Jaws.....	017
21. Absolute Digital Caliper with Inside measuring Jaws....	018
22. Digital Caliper With Basic and Outside Measuring Jaws	019
23. Digital Caliper With Standard Jaws	020
24. Digital Caliper With Basic Jaws.....	021
25. Digital Caliper With Basic and Inside Measuring Jaws	022

B. VERNIER CALIPERS 023

01. Vernier Caliper	024
02. Left-handed Vernier Caliper	024
03. Vernier Caliper Bevel Parallax-free Type	025
04. Vernier Caliper Plane Parallax-free Type	025
05. Vernier Caliper with Thumb Clamp.....	026
06. Vernier Caliper with Carbide-tipped Jaws.....	027
07. Anti-magnetic Vernier Caliper.....	027

08. Vernier Caliper with Basic and Outside Measuring Jaws	028
09. Vernier Caliper with Basic and Inside Measuring Jaws	029
10. Vernier Caliper with Standard Jaws.....	030
11. Vernier Caliper with Basic Jaws	031

C. DIAL CALIPERS 032

01. Dial Caliper.....	033
02. Dial Caliper with Carbide-tipped Jaws	034
03. Dial Caliper with Basic Jaws	034

D. DEPTH GAUGES..... 035

01. Bluetooth Digital Depth Gauge	036
02. Digital Depth Gauge with Single Hook	037
03. Digital Depth Gauge with Double Hooks.....	038
04. Digital Depth Gauge	038
05. Needle Digital Depth Gauge	039
06. Thread Digital Depth Gauge	039
07. Digital Depth Gauge with Adjustable Extension Base .	040
08. Digital Depth Gauge for Keyway	041
09. Digital Depth Gauge with Slender Rod	041
10. Dial Depth Gauge.....	042
11. Dial Depth Gauge with Single Hook	042
12. Vernier Depth Gauge with Single Hook	043
13. Vernier Depth Gauge with Fine Adjustment Clamp	044
14. Vernier Depth Gauge	045
15. Needle Vernier Depth Gauge	046
16. Thread Vernier Depth Gauge.....	046

E. HEIGHT GAUGES 047

01. Digital Height Gauge with Hand-wheel.....	048
02. Digital Height Gauge	048
03. Woodworking Digital Height Gauge.....	049
04. Dial Height Gauge.....	049
05. Vernier Height Gauge	050

F. UNUSUAL SHAPED CALIPERS051

01. Bluetooth Digital Caliper with Knife-edged Measuring Points for Inside Grooves	052
02. Digital Caliper with Flat Measuring Points for Outside Grooves	053



03. Digital Caliper with Round Measuring Points for Outside Grooves	053	34. T Type Digital Scribing Caliper	069
04. Digital Caliper with Flat Measuring Points for Inside Grooves	054	35. Digital Caliper for Outside Grooves	069
05. Digital Caliper with Round Measuring Points for Inside Grooves	054	36. Digital Caliper for Seal Grooves	070
06. Digital Caliper with Knife-edged Measuring Points for Inside Grooves.....	055	37. Digital Caliper with Round Measuring Points for Inside Grooves	070
07. Double Inside Groove Digital Caliper with Knife-edged Measuring faces	055	38. Digital Caliper for Locating the Base Level.....	071
08. Digital Caliper with Pointed Jaws	056	39. Digital Caliper with Arc-Shape Measuring Anvils for Inside and Outside Groove.....	071
09. Digital Caliper with Exchangeable Measuring Jaws.....	056	40. Digital Caliper with Flat Measuring Points and Locating Blocks for Inside Grooves.....	072
10. Center Distance Digital Caliper with Back Jaws.....	057	41. Digital Caliper with Long Knife-edged Upper Jaws	072
11. Center Distance Digital Caliper with Conical Measuring Tips.....	057	42. Digital Wedge-Shape Feeler Gauge	073
12. Center Distance Digital Caliper with Pillar Heads	058	43. Multi-function Digital Caliper	073
13. Tube Thickness Digital Caliper.....	058	44. Universal Digital Caliper with Exchangeable Measuring Points	074
14. Digital Caliper with Large-sized Measuring Faces.....	059	45. Digital Caliper with Exchangeable Measuring Points ..	075
15. Digital Caliper with Knife-edged Measuring Jaws	059	46. Digital Caliper with High-low Lines.....	076
16. Digital Caliper with Long Internal Measuring Jaws	060	47. Digital Caliper with Half-round Jaws	077
17. Hook Type Digital Caliper for Inner Grooves.....	060	48. Center & Edge Distance Digital Caliper	077
18. Digital Welding Seam Gage	061	49. Keyway Symmetry Digital Caliper.....	078
19. Digital Chamfering Caliper	061	50. Digital Caliper with Scribing Jaws	078
20. Digital Caliper with Upper Jaws in One Direction	062	51. Vernier Wedge-shape Feeler Gauge	079
21. Digital Brake Drum Caliper	062	52. Special Vernier Caliper for Dentists Purpose	079
22. Digital Caliper with Single Measuring Tip	063	53. Vernier Gear Tooth Caliper.....	080
23. Digital Caliper with Plate Anvils	063	54. Special Vernier Caliper for Seal Grooves	080
24. Digital Thickness Caliper	064	55. Disc Brake Vernier Caliper	081
25. Digital Caliper for Outer Arc Radius Measurement.....	064	56. Vernier Caliper with Knife-edged Measuring Faces for Inside Grooves.....	081
26. Digital Caliper for Universal Joint	065	57. Vernier Caliper with Flat Measuring Point for Inside Grooves	082
27. Absolute Digital Universal Bevel Protractor.....	065	58. Vernier Caliper with Flat Measuring Points for Outside Grooves	082
28. Digital Caliper with Thin Jaws	066	59. Vernier Caliper with Anvil for Measuring the Width of Grooves	083
29. Digital Gear Tooth Caliper	066	60. Vernier Caliper for Chamfer Measuring.....	083
30. Digital Caliper with High Precision Readout for Inside and Outside Grooves	067	61. Vernier Welding Seam Gauge.....	084
31. Standard Lower Jaws Digital Caliper with Special Upper Jaws (Hook Type Depth Bar)	067	62. Vernier Caliper for High-low Line Measuring.....	084
32. Standard Upper Jaws Digital Caliper with Special Lower Jaws	068	63. Precision 3-point and 5-point Vernier Caliper.....	085
33. Standard LowerJaws Digital Caliper with Special Upper Jaws	068	64. T Type Scribing Vernier Caliper	085
		65. L Type Scribing Vernier Caliper	086

66. Vernier Caliper with Large-sized Measuring Faces.....	086
67. Center & Edge Distance Vernier Caliper	087
68. Vernier Caliper for Scribing.....	087
69. Dial Caliper with Narrow-tipped Jaws	088
70. Double Inside Groove Dial Caliper with Knife-edged Measuring Faces	088
71. Dial Caliper with Long Internal Measuring Jaws.....	089
72. Dial Caliper with Special Measuring Jaws for Tube Thickness.....	089
73. Dial Caliper with Flat Measuring Points for Inside Grooves	090
74. Dial Caliper with Flat Measuring Points for Outside Grooves	090
75. Dial Caliper with Round Measuring Points for Inside Grooves	091
76. Dial Caliper with Round Measuring Points for Outside Grooves	091
77. Dial Caliper with Knife-edged Measuring Points for Inside Grooves	092
78. Dial Caliper with an Adjustable Measuring Jaw.....	092

G. MICROMETERS 093

01. Digital Micrometer IP65 Class.....	094
02. Outside Digital Micrometer	095
03. Outside Micrometer	096
04. Micron Micrometer	097
05. Long Range Outside Micrometer	098
06. Tube Micrometer.....	098
07. Sheet Metal Micrometer	100
08. Disc Micrometer.....	100
09. Indicating Micrometer	101
10. Point Micrometer	102
11. Hub Micrometer.....	102
12. Single Point Type Micrometer	103
13. Single Blade and Point Type Micrometer.....	103
14. Slender Anvil Micrometer	104
15. Wire Micrometer	105
16. Digital Depth Micrometer	105
17. Digital Micrometer Head.....	106
18. Micrometer Stand.....	106

19. Digital Three-point Inside Micrometer.....	107
20. Bluetooth Digital Three-point Inside Micrometer	108
21. Absolute Digital Indicating Micrometer	108
22. Inside Micrometer.....	109
23. Blade Micrometer	109
24. Micrometer with Special Flat Anvil.....	110
25. Depth Micrometer	110
26. Micrometer Head.....	111
27. Micrometer with Extension Rod	111
28. Three-points Inside Micrometer	112

H. DIGITAL INDICATORS..... 113

01. Bluetooth Digital Indicator(0.01).....	114
02. Bluetooth Digital Indicator(0.001)	115
03. Absolute Digital Indicator(0.01)	116
04. Digital Indicator(0.01).....	117
05. Digital Indicator(0.001)	118
06. Absolute Digital Indicator(0.001).....	119
07. Absolute Digital Display Comparator.....	120
08. Depth Indicator	121
09. Indicator with Exchangeable Bases for Depth Measuring	122
10. Thickness Indicator for Capsule	123
11. Digital Thickness Gauge.....	123
12. Large-range Gauge for Inner Diameter	124
13. Digital Indicator (Perpendicular type)	124
14. Plug Gauge	125
15. Large-range Digital Depth Indicator.....	126
16. Digital Display Inner Diameter Caliper.....	126
17. Digital Thickness Indicator with Single Large-sized Measuring Face	127
18. Rectangle Digital Indicator	127
19. Digital Thickness Gauge.....	128
20. Digital Gauge for Diameter of Wire.....	129
21. Digital Thickness Gauge.....	129

I. DIAL INDICATORS 130

01. Dial Indicator with 8 Rubies	131
02. Dial Indicator	131



03. Dial Indicator (8mm)	132
04. Dial Indicator with 6 Rubies (10mm).....	132
05. Dial Indicator(10mm).....	133
06. Large Range Dial Indicator	133
07. Mechanical Dial Comparator	134
08. Dial Test Indicator.....	134
09. Ball Type Dial Bore Indicator	135
10. Expanding Head Dial Bore Indicator	136
11. Dial Thickness Gauge	137
12. Inside Dial Snap Gauge.....	138
13. Outside Dial Snap Gauge.....	138
14. Outside Dial Snap Gauge With Large Range	139
15. Inside Dial Snap Gauge with Interchangeable Anvils....	139

J. MISCELLANEOUS 140

01. Digital Scale Units (H-Type)	141
02. Digital Scale Units (V-Type)	141
03. Knife Straight Edge.....	142
04. Edged Square.....	142
05. Wide-stand Square	143
06. Double-head Cylindrical Plug Gauge.....	143
07. Smooth Check Ring Gauge.....	144
08. Check Master	145
09. Gauge Block.....	146
10. Inductance Transducer.....	147
11. Measuring Stand	147

K. DATA MANAGEMENT SOLUTIONS..... 148

01. Bluetooth Wireless Data Management System.....	149
02. USB Acquisition System (keyboard Simulation Mode) ..	150
03. USB Acquisition System (RS232 Type).....	150
04. WIN-1 Special Interface	151
05. WIN-2 Special Interface	151
06. WIN-6 Special Interface	152
07. 811-001 LCD Display Unit.....	152
08. 811-001T LCD Display Unit.....	153
09. 811-001C LCD Display Unit	153
10. 811-201 LCD Display Unit.....	153
11. 811-301 LCD Display Unit.....	154

12. Optical Grating Display Unit.....	154
---------------------------------------	-----

L. INSPECTION SYSTEM SOLUTIONS 155

01. Laser Scanning Micrometer	156
02. Linear Micrometer(Cylinder Type).....	157
03. 3D Inspection System On Machine.....	158
04. Automatically Testing System.....	160
05. Online Testing System	161

A

DIGITAL CALIPERS

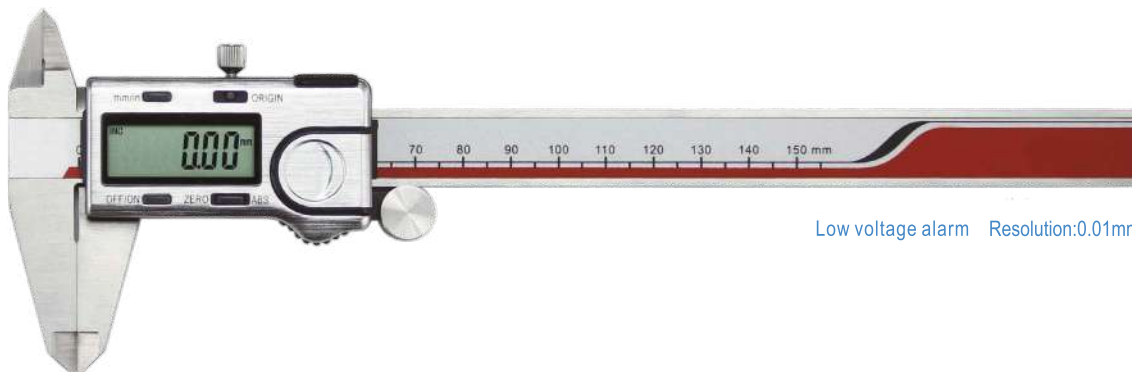


SINCERITY & TECHNOLOGY



DIGITAL CALIPER

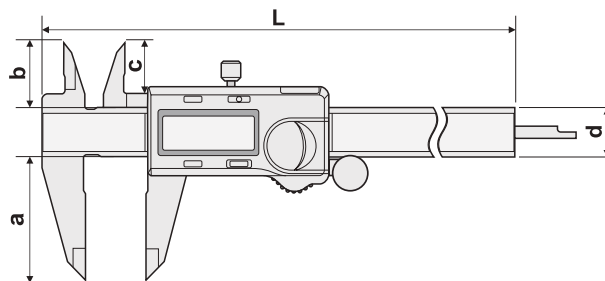
Absolute Digital Caliper



Low voltage alarm Resolution:0.01mm

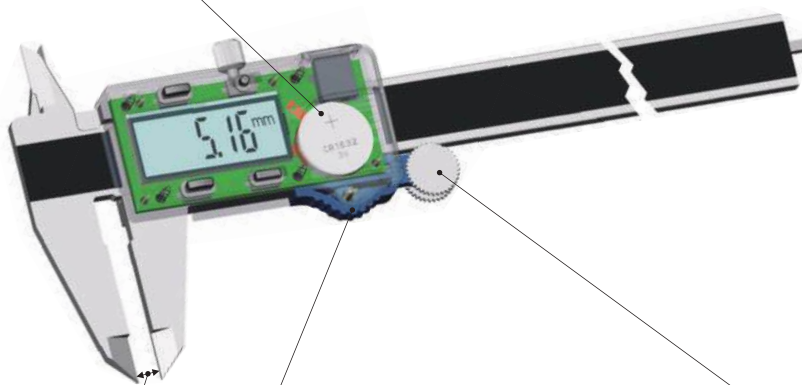
FEATURES

- Origin setting without repeated zero-setting
- Whenever power on, the display will always show the current exact measurement
- No limit for moving speed
- Zero-setting at any position, convenient for relative and absolute measurement conversion
- Mm/inch conversion at any position
- Auto power on(move caliper slider), auto power-off (5 min after using)
- Low power consumption with long life battery (>2.5 years)



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-101-40	0-150	± 0.03	236	40	21	16.5	16
111-102-40	0-200	± 0.03	286	50	24	19.5	16
111-103-40	0-300	± 0.04	400	60	26	21.5	16

Environmental CR1632 Lithium Battery is more durable and convenient

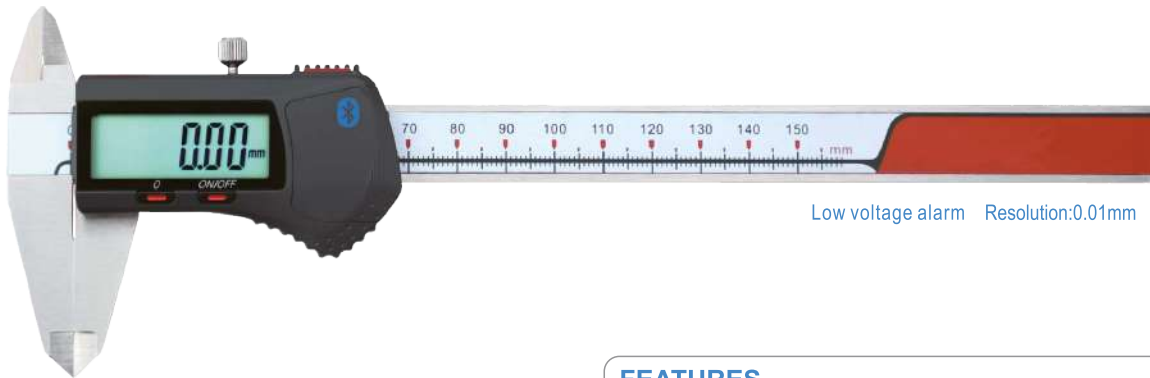


Grinding measuring faces are more precise

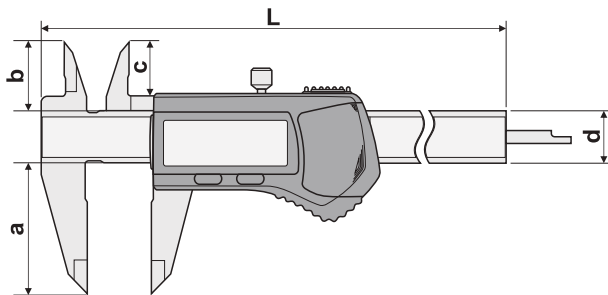
Ergonomic design for pretty and fashion shape

Fine-adjusted Roller

Bluetooth Digital Caliper

**NEW****A**

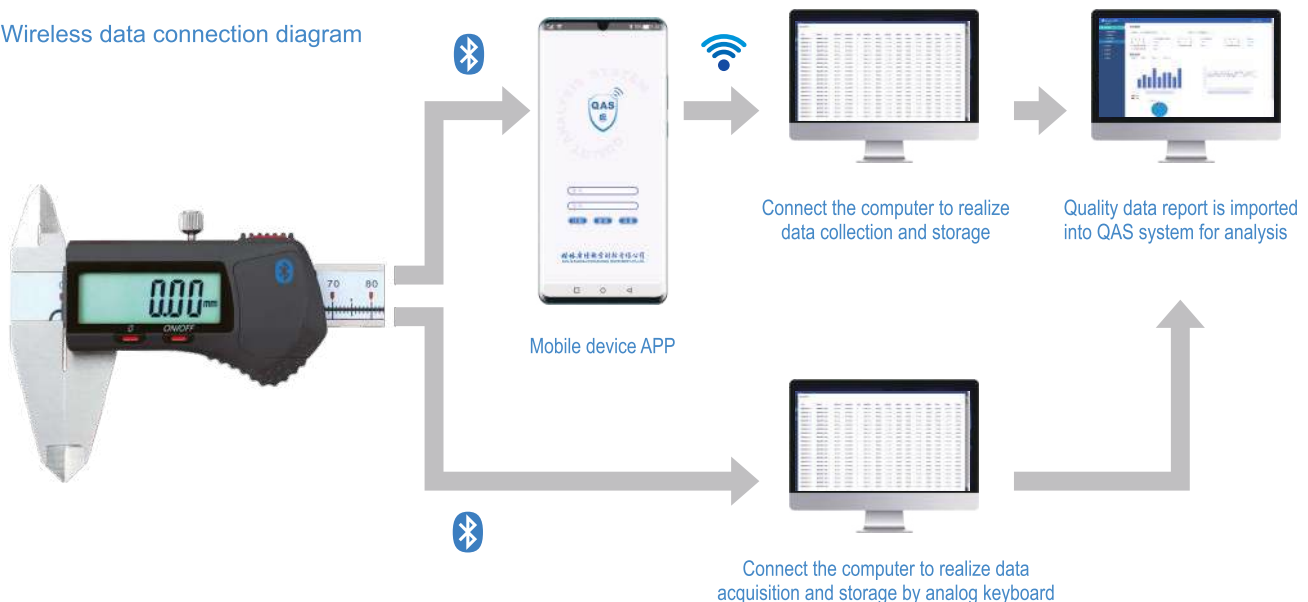
Low voltage alarm Resolution: 0.01mm

**FEATURES**

- Built-in Bluetooth, measurement data can be transmitted to mobile phones, tablets and computers
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory
- Provide AAR file intermediate development package, supporting secondary development
- Transmission distance $\leq 10\text{m}$ (open land); $\leq 7\text{m}$ (industrial environment)
- At most 15 calipers can be connected at the same time (the specific number depends on the performance of the client)
- Ultra-low power consumption, the experimental test can use the large-capacity IoT battery to continuously and automatically collect data up to 1.5 million times (frequency 4 times/second), and manual collection can be used for 6 months (single shift system 8 hours)

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221BT	0-150	± 0.02	236	40	21	16.5	16
110-222BT	0-200	± 0.02	286	50	24	19.5	16
110-223BT	0-300	± 0.03	400	60	26	21.5	16

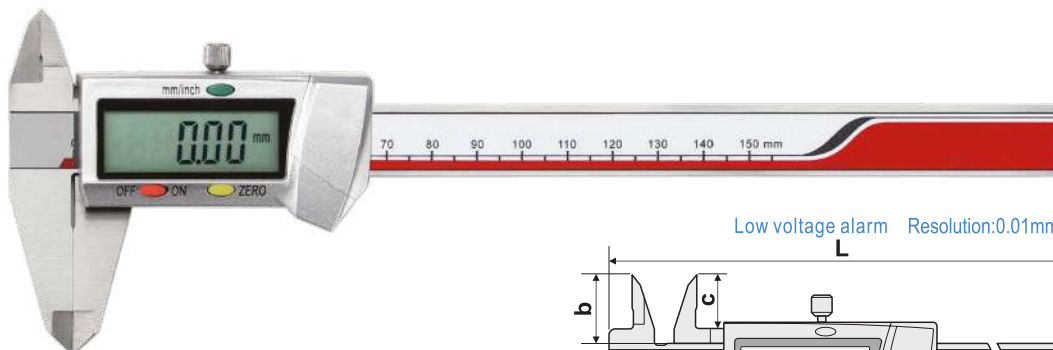
Wireless data connection diagram



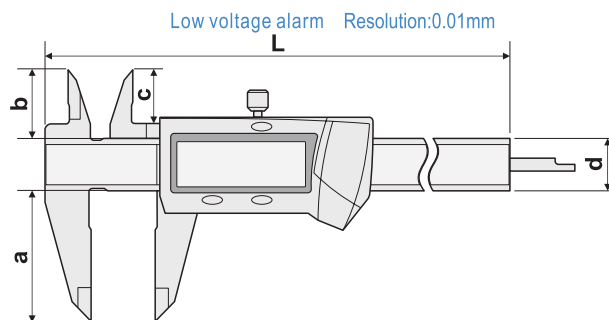


DIGITAL CALIPERS

1.5V Big Screen Digital Caliper



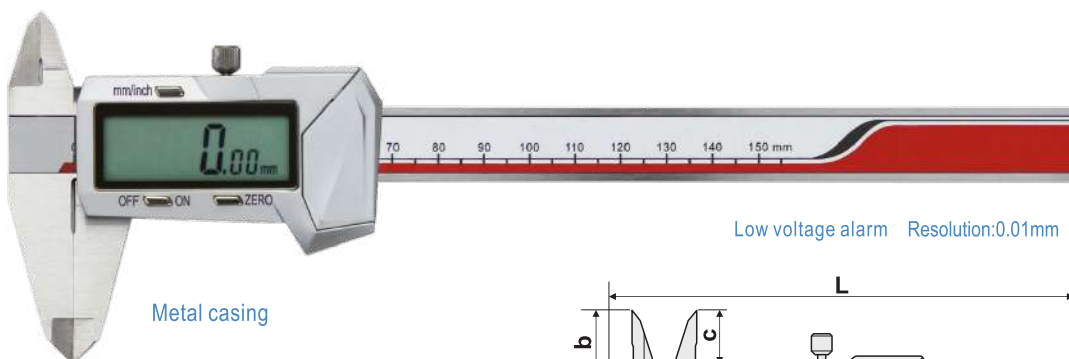
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221U	0-150	± 0.03	236	40	21	16.5	16
110-222U	0-200	± 0.03	286	50	24	19.5	16
110-223U	0-300	± 0.04	400	60	26	21.5	16



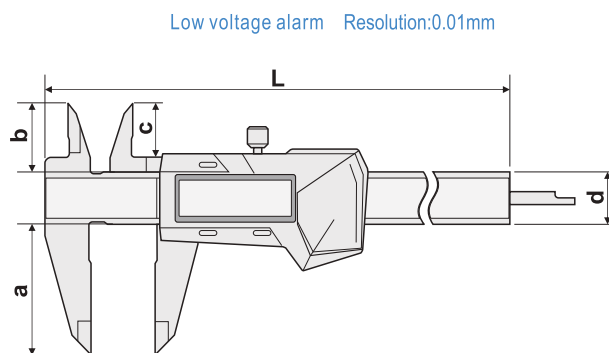
FEATURES

- Big display screen for easy to read
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

1.5V Big Screen Digital Caliper



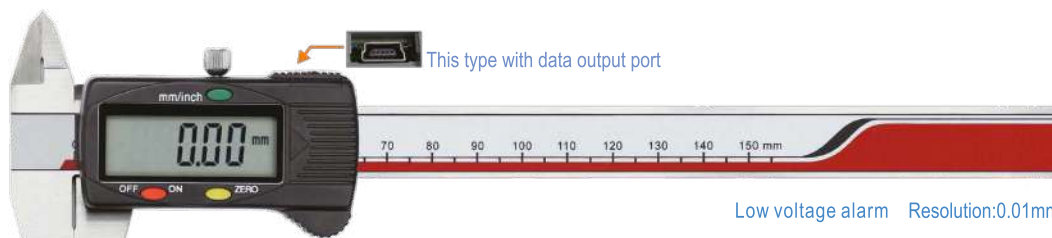
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221GD	0-150	± 0.03	236	40	21	16.5	16
110-222GD	0-200	± 0.03	286	50	24	19.5	16
110-223GD	0-300	± 0.04	400	60	26	21.5	16



FEATURES

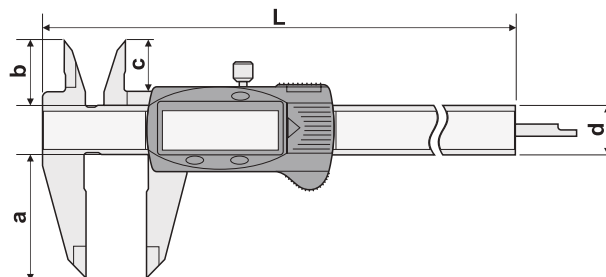
- Big display screen for easy to read
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

1.5V Big Screen Digital Caliper



Low voltage alarm Resolution:0.01mm

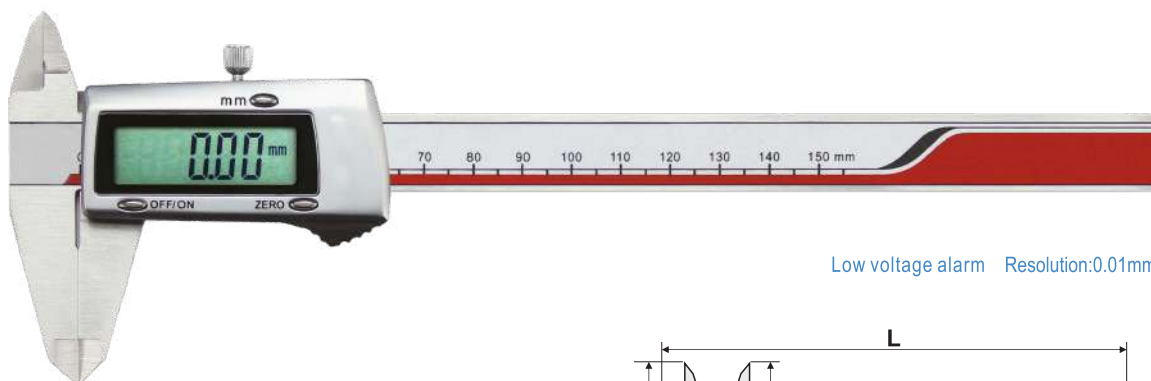
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221	0-150	± 0.03	236	40	21	16.5	16
110-222	0-200	± 0.03	286	50	24	19.5	16
110-223	0-300	± 0.04	400	60	26	21.5	16



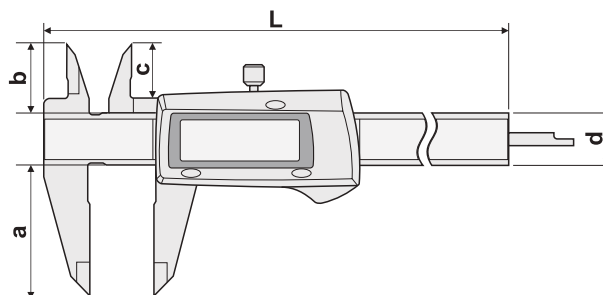
FEATURES

- Big display screen for easy to read
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

3V Lithium Battery Digital Caliper



Low voltage alarm Resolution:0.01mm



FEATURES

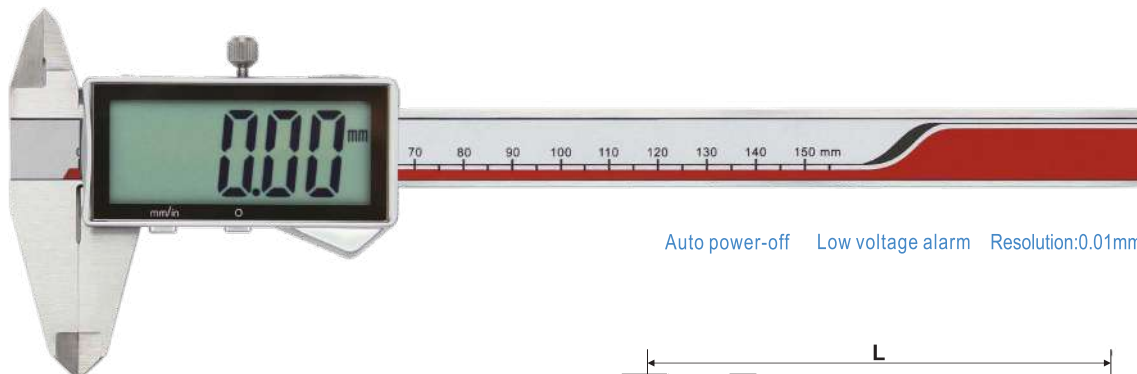
- Long life 3V lithium battery, more environmental
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221V-10G	0-150	± 0.03	236	40	21	16.5	16
110-222V-10G	0-200	± 0.03	286	50	24	19.5	16
110-223V-10G	0-300	± 0.04	400	60	26	21.5	16

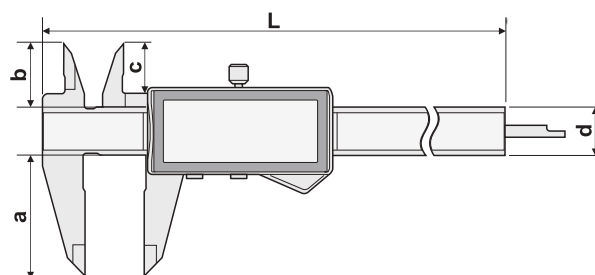


DIGITAL CALIPERS

Full Screen Digital Caliper



Auto power-off Low voltage alarm Resolution:0.01mm

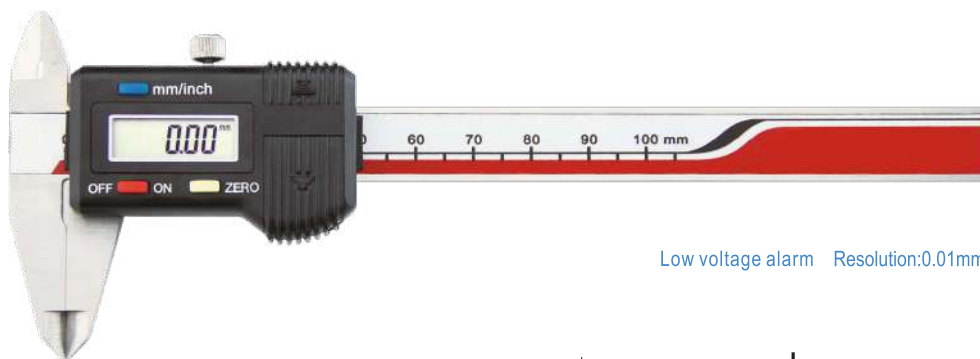


FEATURES

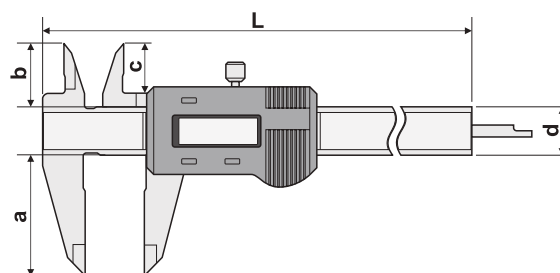
- Long life 3V lithium battery, more environmental
- Full display screen for easy to read
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221GP	0-150	± 0.03	236	40	21	16.5	16
110-222GP	0-200	± 0.03	286	50	24	19.5	16
110-223GP	0-300	± 0.04	400	60	26	21.5	16

Mini Digital Caliper



Low voltage alarm Resolution:0.01mm

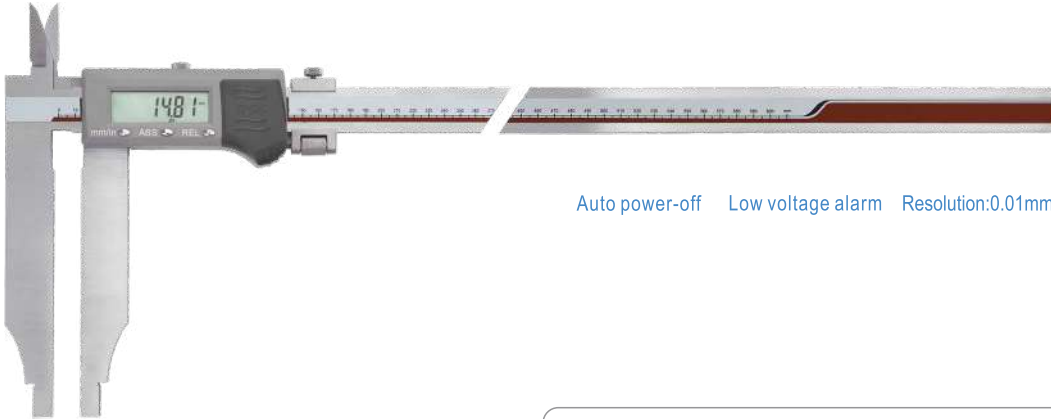


FEATURES

- A thumb roller is optional
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-075	0-75	± 0.03	145	30.5	17	12.5	13
111-100	0-100	± 0.03	170	30.5	17	12.5	13

Digital Caliper IP66 Class



Auto power-off Low voltage alarm Resolution:0.01mm

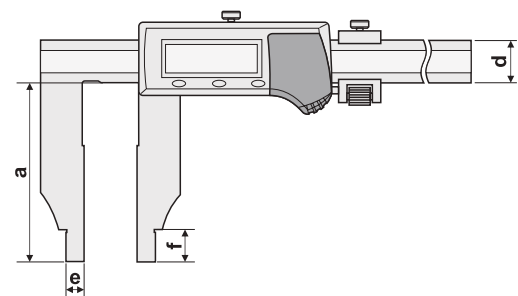
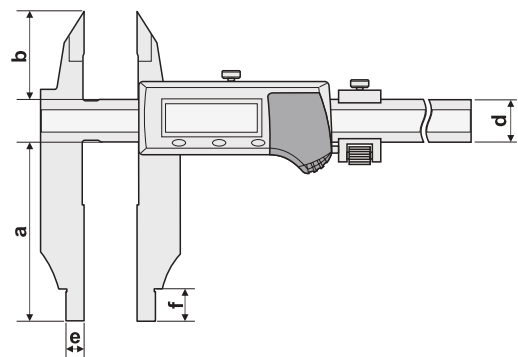
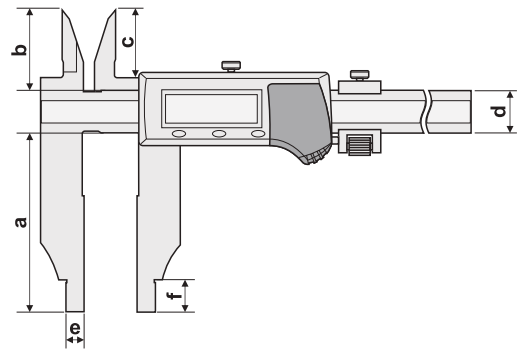
FEATURES

- IP66 protection level to against coolant liquid, water, oil and dust
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position
- Preset any reading at any position
- With fine-adjustment carriage

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	e mm	f mm
111-604-30	0-500	± 0.05	1.0	100	45	39	24	10	15
111-604-30-1	0-500	± 0.05	1.1	150	45	39	24	10	15
111-604-30-2	0-500	± 0.07	1.2	200	45	39	24	10	15
111-605-30	0-600	± 0.05	1.2	100	45	39	24	10	15
111-605-30-1	0-600	± 0.05	1.2	150	45	39	24	10	15
111-605-30-2	0-600	± 0.07	1.3	200	45	39	24	10	15
111-606-30	0-800	± 0.06	2.6	150	60	50.8	31	10	20
111-606-30-1	0-800	± 0.08	2.7	200	60	50.8	31	10	20
111-607-30	0-1000	± 0.07	2.8	150	60	50.8	31	10	20
111-607-30-1	0-1000	± 0.09	2.9	200	60	50.8	31	10	20
111-608-30	0-1500	± 0.11	3.3	150	60	50.8	31	10	20
111-608-30-1	0-1500	± 0.11	3.4	200	60	50.8	31	10	20

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	d mm	e mm	f mm
111-304-30	0-500	± 0.05	1.0	100	56	24	10	15
111-304-30-1	0-500	± 0.05	1.1	150	56	24	10	15
111-304-30-2	0-500	± 0.07	1.2	200	56	24	10	15
111-305-30	0-600	± 0.05	1.2	100	56	24	10	15
111-305-30-1	0-600	± 0.05	1.2	150	56	24	10	15
111-305-30-2	0-600	± 0.07	1.3	200	56	24	10	15
111-306-30	0-800	± 0.06	2.6	150	67	31	10	20
111-306-30-1	0-800	± 0.08	2.7	200	67	31	10	20
111-307-30	0-1000	± 0.07	2.8	150	67	31	10	20
111-307-30-1	0-1000	± 0.09	2.9	200	67	31	10	20
111-308-30	0-1500	± 0.11	3.3	150	67	31	10	20
111-308-30-1	0-1500	± 0.11	3.4	200	67	31	10	20

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	d mm	e mm	f mm
111-504-30	0-500	± 0.05	1.0	100	24	10	15
111-504-30-1	0-500	± 0.05	1.1	150	24	10	15
111-504-30-2	0-500	± 0.07	1.2	200	24	10	15
111-505-30	0-600	± 0.05	1.2	100	24	10	15
111-505-30-1	0-600	± 0.05	1.2	150	24	10	15
111-505-30-2	0-600	± 0.07	1.3	200	24	10	15
111-506-30	0-800	± 0.06	2.6	150	31	10	20
111-506-30-1	0-800	± 0.08	2.7	200	31	10	20
111-507-30	0-1000	± 0.07	2.8	150	31	10	20
111-507-30-1	0-1000	± 0.09	2.9	200	31	10	20
111-508-30	0-1500	± 0.11	3.3	150	31	10	20
111-508-30-1	0-1500	± 0.11	3.4	200	31	10	20

**A**



DIGITAL CALIPERS

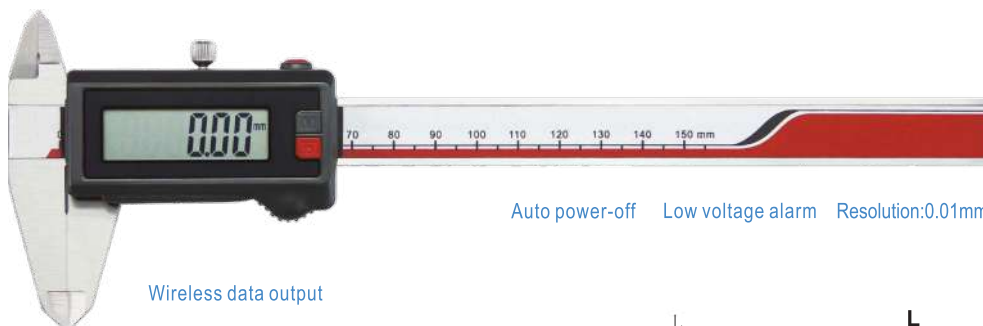
Digital Caliper IP67 Class

GB/T

S/STL
hardened



A



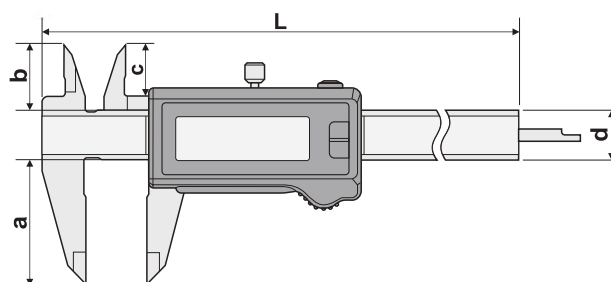
Wireless data output

Auto power-off Low voltage alarm Resolution:0.01mm



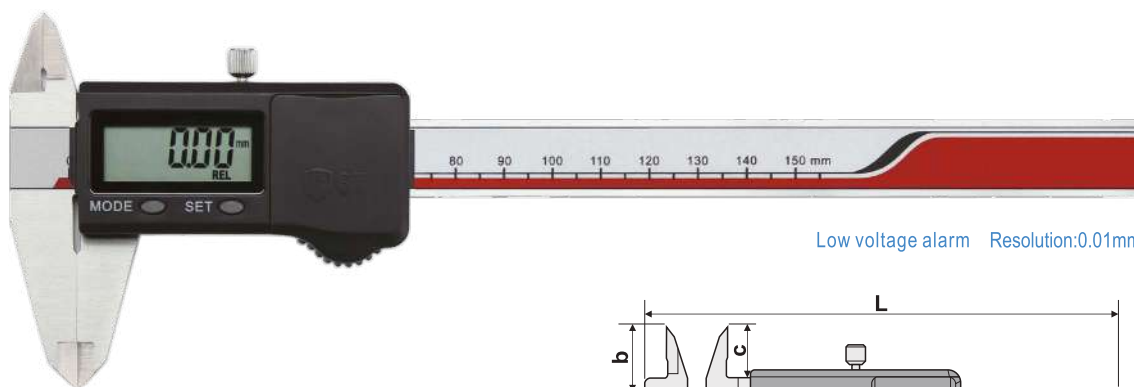
Without wireless data output

Code NO.	Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-801-30E	110-801-30F	0-150	± 0.03	236	40	21	16.5	16
110-802-30E	110-802-30F	0-200	± 0.03	286	50	24	19.5	16
110-803-30E	110-803-30F	0-300	± 0.04	400	60	26	21.5	16

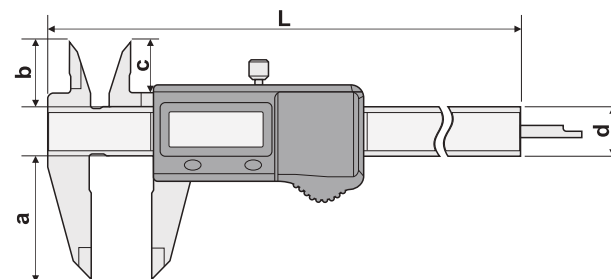


FEATURES

- IP67 protection level to against coolant liquid, water, oil and dust
- Wireless data output to PC within 10 meters barrier free distance
By adding WIFI signal amplifier, the distance max to 120 meters
- Zero-setting at any position, easy for measurement
- Mm/inch conversion at any position
- Automatically power off, can power on by moving the slider
- Big display screen for easy to read
- Adapt two yards for positioning, the chip works intermit, low electricity
- The internal voltage regulation overcomes the sensitivity of chips to the voltage
- Adapt a hybrid positioning algorithm, no maximum coding length constraints



Low voltage alarm Resolution:0.01mm

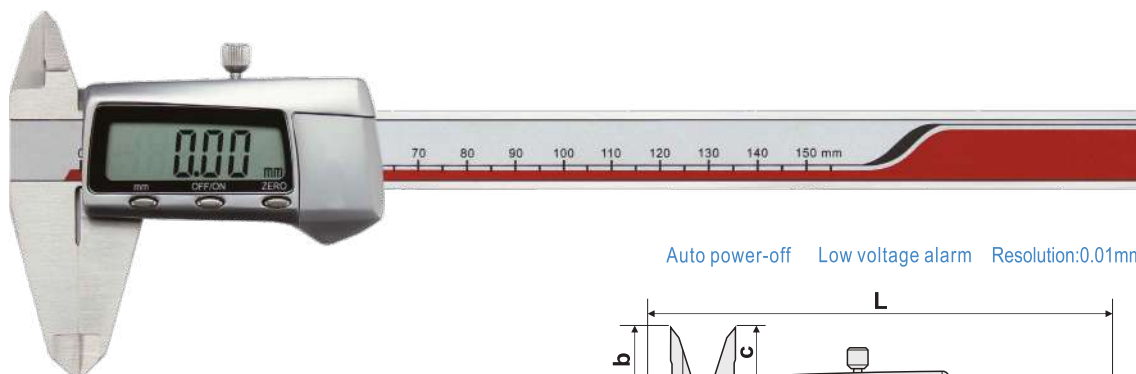


FEATURES

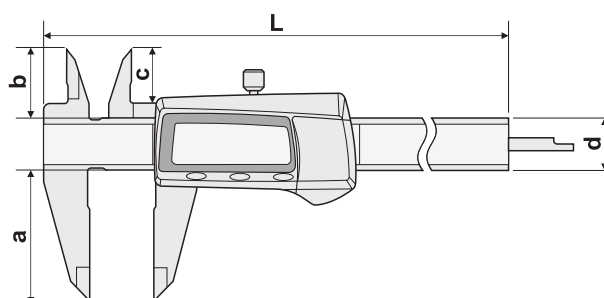
- IP67 protection level to against coolant liquid, water, oil and dust
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-801-30A	0-150	± 0.03	236	40	22.5	16.8	16
110-802-30A	0-200	± 0.03	286	50	25.5	19.8	16
110-803-30A	0-300	± 0.04	400	60	27	21.3	17

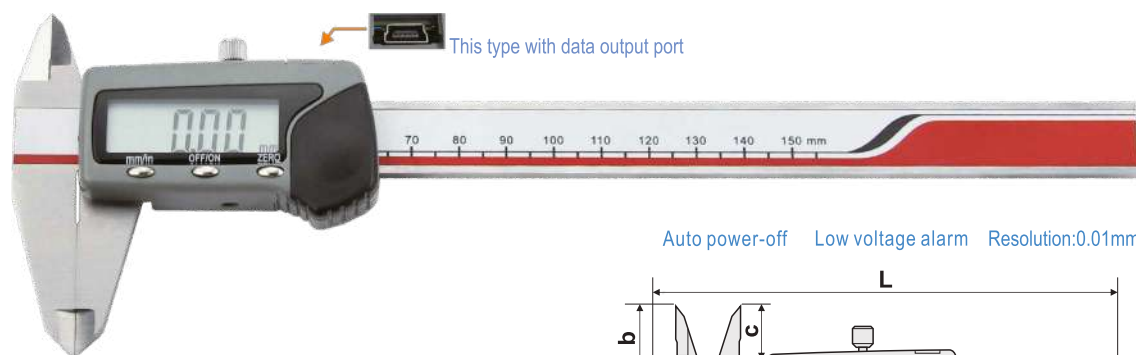
Fast Display Digital Caliper



Auto power-off Low voltage alarm Resolution:0.01mm

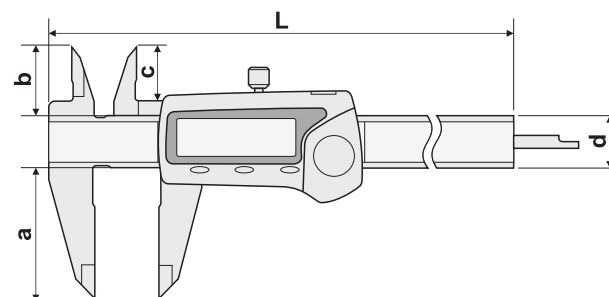


Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221-10G	0-150	± 0.03	236	40	21	16.5	16
110-222-10G	0-200	± 0.03	286	50	24	19.5	16
110-223-10G	0-300	± 0.04	400	60	26	21.5	16



This type with data output port

Auto power-off Low voltage alarm Resolution:0.01mm



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-221-10	0-150	± 0.03	236	40	21	16.5	16
110-222-10	0-200	± 0.03	286	50	24	19.5	16
110-223-10	0-300	± 0.04	400	60	26	21.5	16

FEATURES

- Display stable when moving the measuring jaws fast
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



DIGITAL CALIPERS

Fractional Digital Caliper

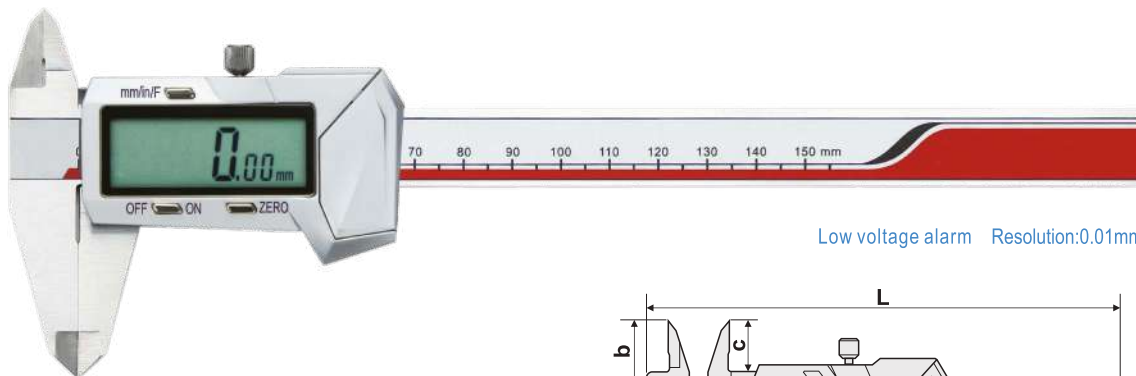
GB/T

S/STL
hardened



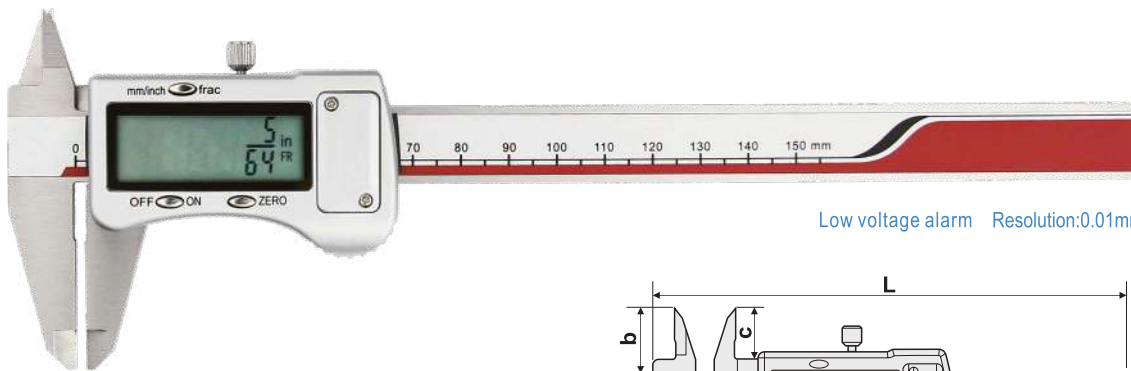
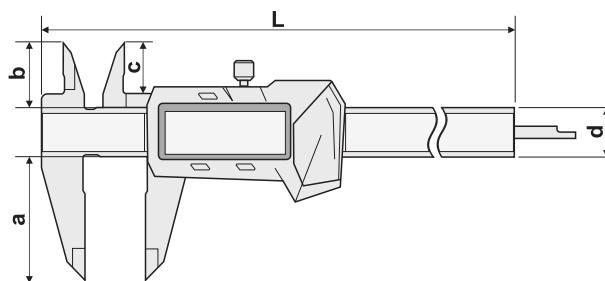
A

NEW



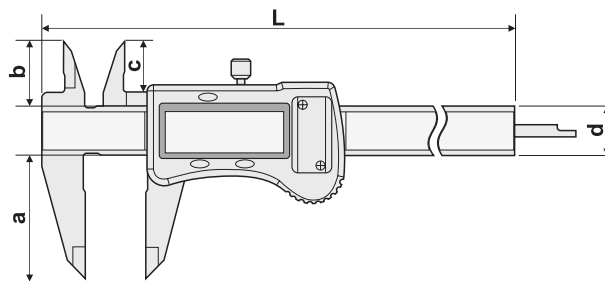
Low voltage alarm Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-131GD	0-150	± 0.03	236	40	21	16.5	16
111-132GD	0-200	± 0.03	286	50	24	19.5	16
111-133GD	0-300	± 0.04	400	60	26	21.5	16



Low voltage alarm Resolution:0.01mm

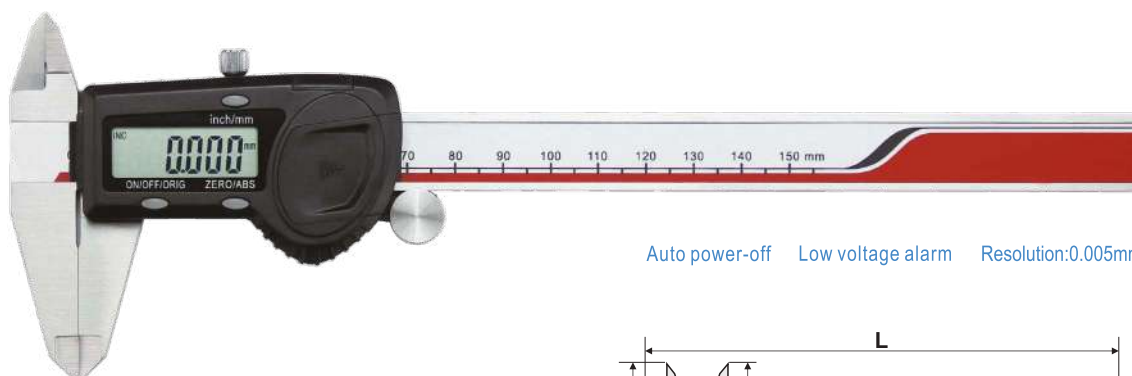
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-131G	0-150	± 0.03	236	40	21	16.5	16
111-132G	0-200	± 0.03	286	50	24	19.5	16
111-133G	0-300	± 0.04	400	60	26	21.5	16



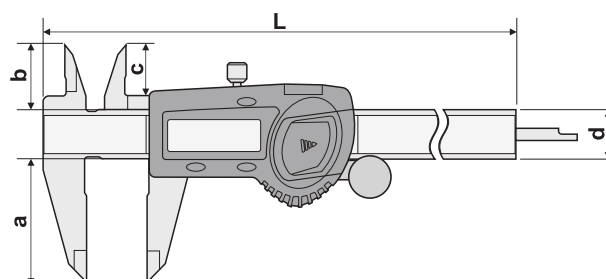
FEATURES

- With metric, imperial and fractional conversion, fractional resolution optional for 1/128" and 1/64"
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

High Accuracy Digital Caliper



Auto power-off Low voltage alarm Resolution:0.005mm

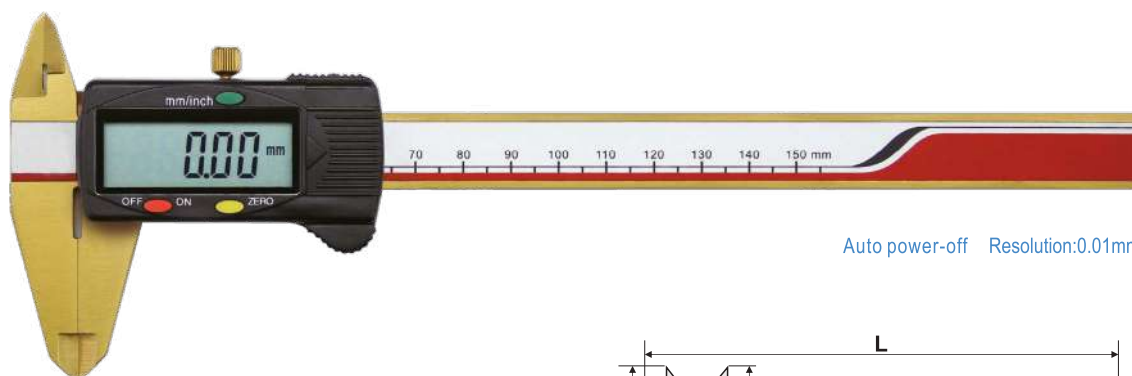


FEATURES

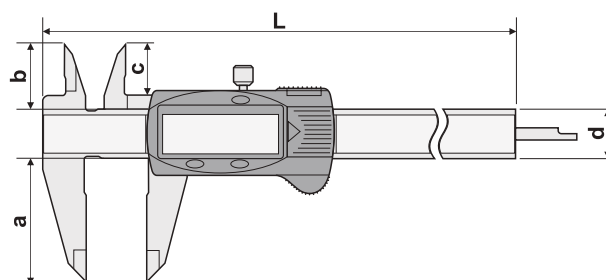
- 0.005mm High precision resolution
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position
- Better accuracy, permissible error is $\pm 0.02\text{mm}$

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-201	0-150	± 0.02	236	40	21	16.5	16
110-202	0-200	± 0.02	286	50	24	19.5	16
110-203	0-300	± 0.02	400	60	26	21.5	16

Titanium-plated Digital Caliper



Auto power-off Resolution:0.01mm



FEATURES

- Wear-resisting, corrosion resistance and long life
- With durable titanium-plating frame
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-101DT	0-150	± 0.03	236	40	21	16.5	16
111-102DT	0-200	± 0.03	286	50	24	19.5	16
111-103DT	0-300	± 0.04	400	60	26	21.5	16



DIGITAL CALIPERS

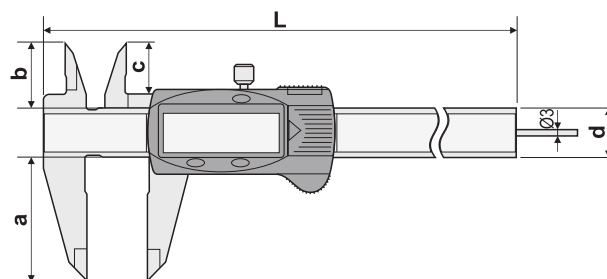
Antimagnetic Titanium-plated Digital Caliper

S/STL
hardened

SPC



Auto power-off Resolution:0.01mm



FEATURES

- Suitable for magnetic workpiece and workshop
- With durable titanium-plating frame
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-261DF	0-150	±0.03	236	40	21	16.5	16
110-262DF	0-200	±0.03	286	50	24	19.5	16
110-263DF	0-300	±0.04	400	60	26	21.5	16

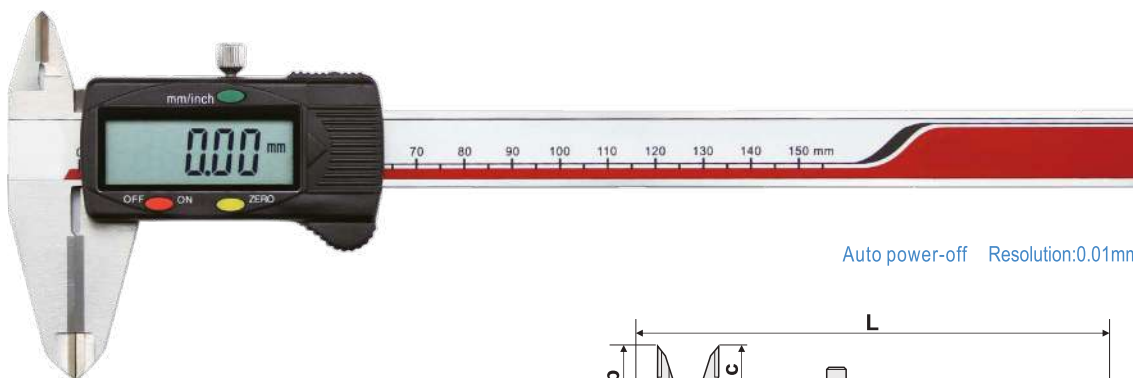
Digital Caliper with Carbide-tipped Jaws

GB/T

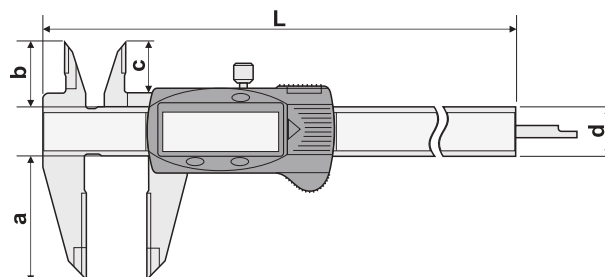
S/STL
hardened



SPC



Auto power-off Resolution:0.01mm

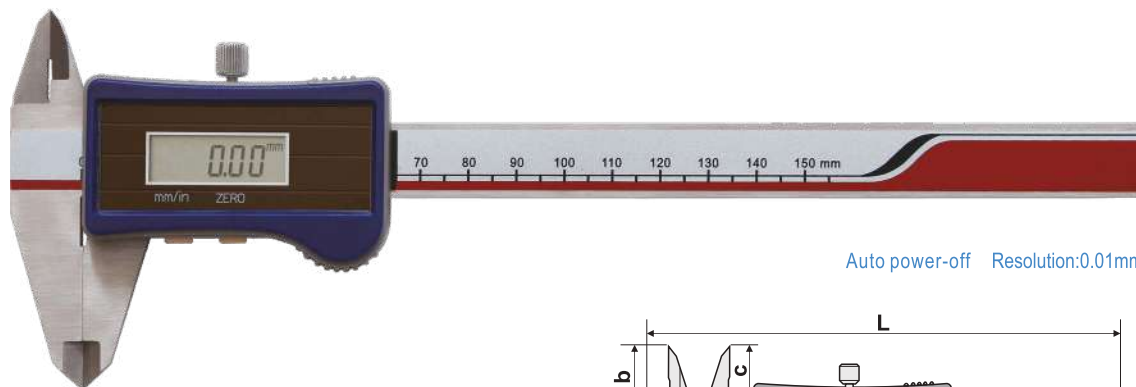


FEATURES

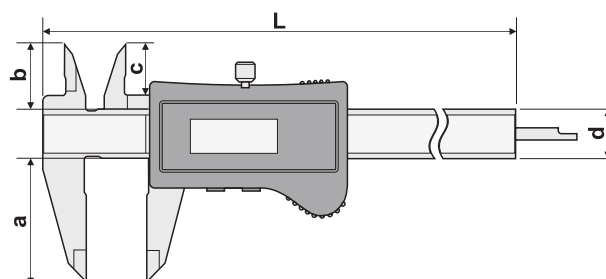
- With durable carbide tips
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
110-251	0-150	± 0.03	236	40	21	16.5	16
110-252	0-200	± 0.03	286	50	24	19.5	16
110-253	0-300	± 0.04	400	60	26	21.5	16

Solar Digital Caliper



Auto power-off Resolution:0.01mm

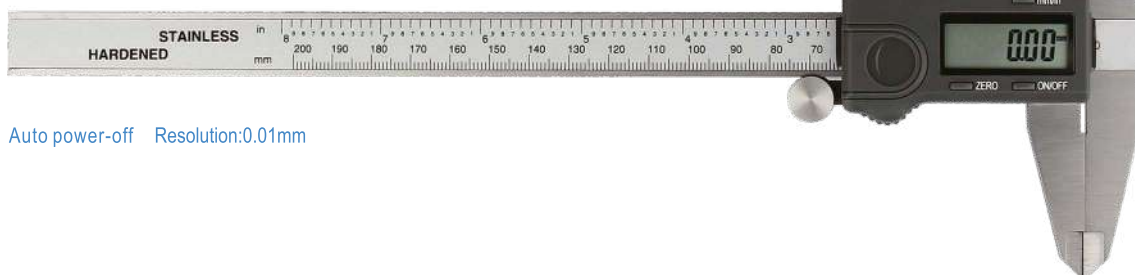


FEATURES

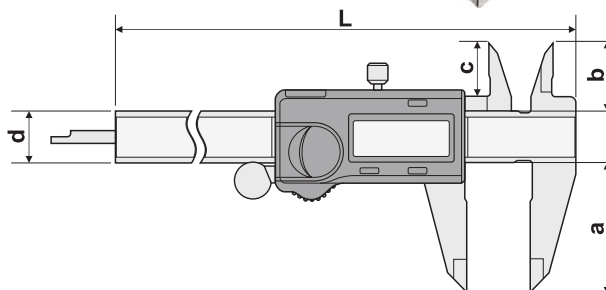
- Both solar and cell battery available
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-101Q	0-150	± 0.03	236	40	24	19.5	16
111-102Q	0-200	± 0.03	286	50	27	22.5	16
111-103Q	0-300	± 0.04	400	60	29	24.5	16

Left-handed Digital Caliper



Auto power-off Resolution:0.01mm



FEATURES

- Easy used for left-handed users
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

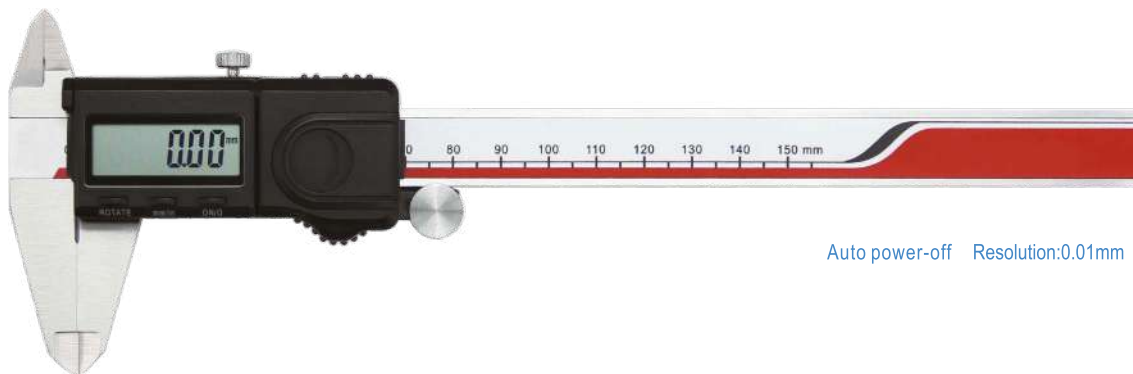
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-221B	0-150	± 0.03	236	40	21	16.5	16
111-222B	0-200	± 0.03	286	50	24	19.5	16
111-223B	0-300	± 0.04	400	60	26	21.5	16



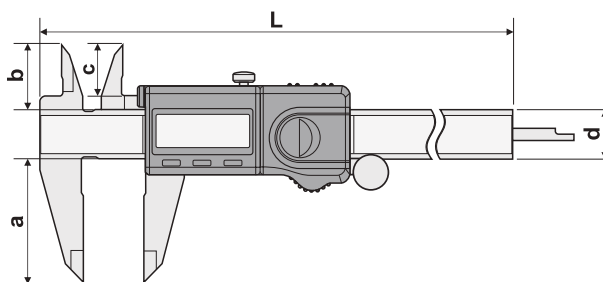
Digital Caliper with Flip-up Screen



A

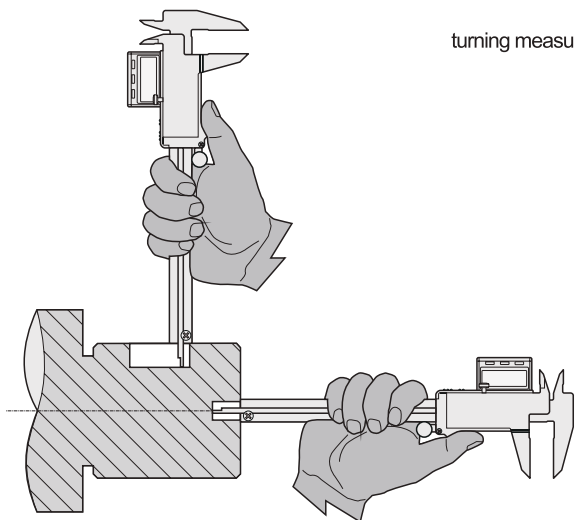


Auto power-off Resolution:0.01mm

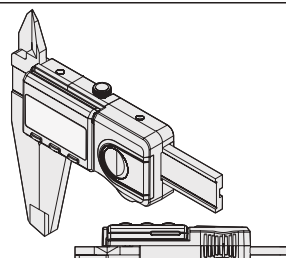
**FEATURES**

- 0-180° flipping display unit, digits on LCD screen can be rotated which means can read from the other direction
- Can be used as a left-handed digital caliper, easy for conversion from left and right hand
- 3V battery, durable and environmental protection
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

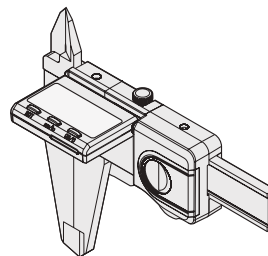
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
118-601	0-150	± 0.03	236	40	21	16.5	16
118-602	0-200	± 0.03	286	50	24	19.5	16
118-603	0-300	± 0.04	400	60	26	21.5	16



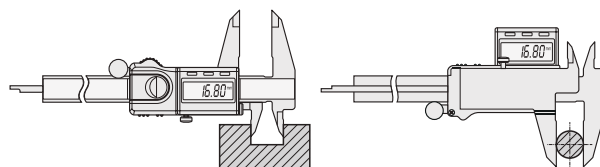
turning measuring



① Normal use



② Flipping up display



③ Use as Left-handed caliper

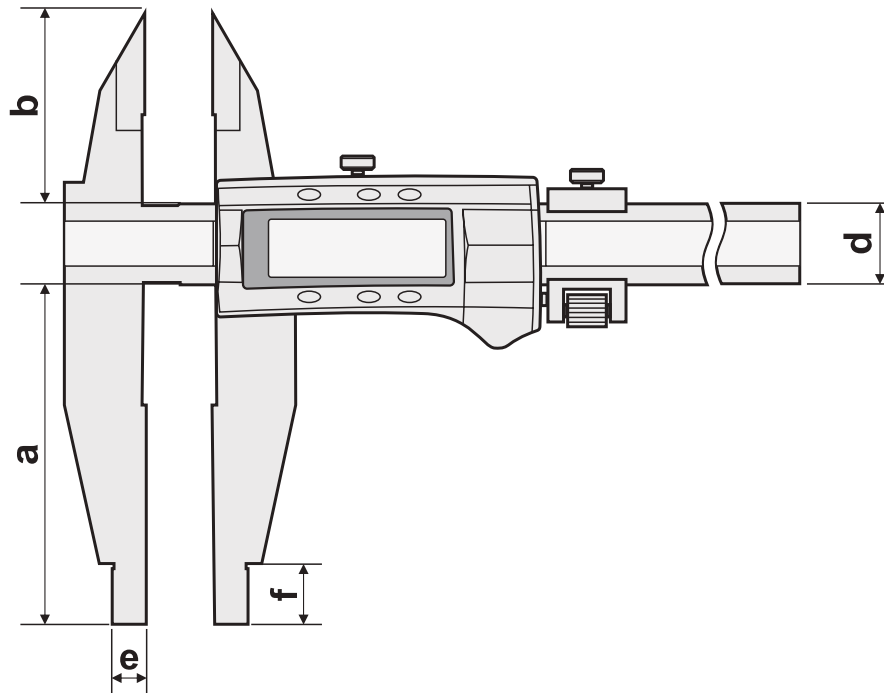
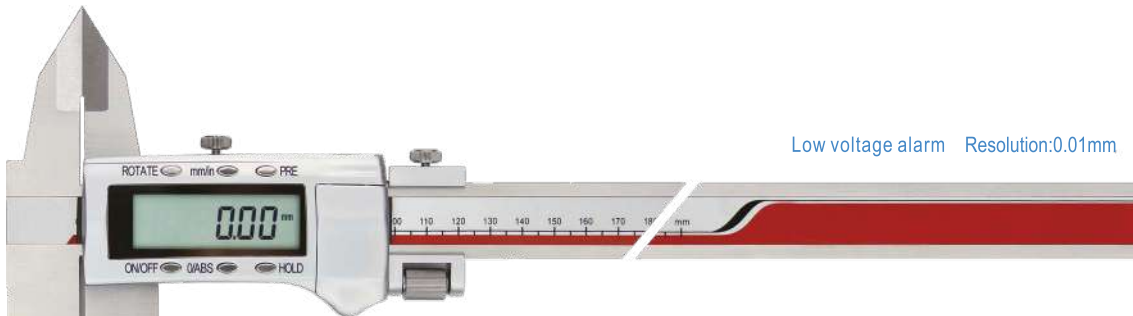
Absolute Digital Caliper With Basic and Outside Measuring Jaws

GB/T

S/STL
hardened

SPC

A

**FEATURES**

- Origin setting without repeated zero-setting
- Whenever power on, the display will always show the current exact measurement
- Auto power on(move caliper slider), auto power-off (5 min after using)
- No limit for moving speed
- The value can be rotated 90°
- Mm/inch conversion at any position
- Preset any reading at any position
- Data hold

Code No.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	d mm	e mm	f mm
111-304G-40	0-500	±0.05	1.2	100	56	24	10	18
111-304G-40-1	0-500	±0.05	1.3	150	56	24	10	18
111-305G-40	0-600	±0.05	1.3	100	56	24	10	18
111-305G-40-1	0-600	±0.05	1.4	150	56	24	10	18
111-306G-40-1	0-800	±0.06	2.5	150	67	31	10	24
111-306G-40-2	0-800	±0.08	2.6	200	67	31	10	24
111-307G-40	0-1000	±0.07	2.7	150	67	31	10	24
111-307G-40-1	0-1000	±0.09	2.8	200	67	31	10	24



DIGITAL CALIPERS

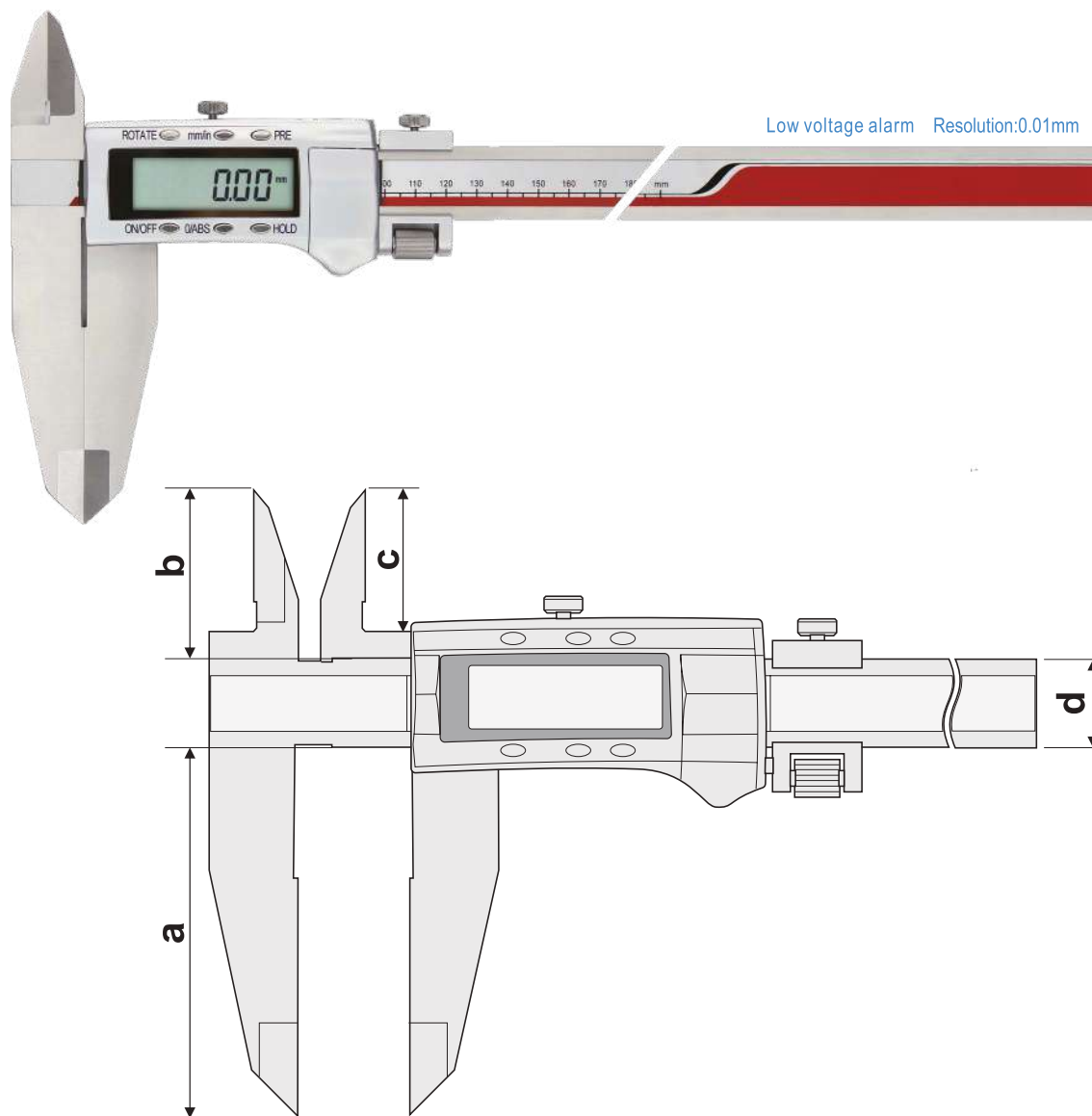
Absolute Digital Caliper With Standard Jaws

GB/T

S/STL
hardened



SPC



FEATURES

- Origin setting without repeated zero-setting
- Whenever power on, the display will always show the current exact measurement
- Auto power on(move caliper slider), auto power-off (5 min after using)
- No limit for moving speed
- The value can be rotated 90°
- Mm/inch conversion at any position
- Preset any reading at any position
- Data hold

Code No.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm
111-404G-40	0-500	±0.05	1.2	100	45	39	24
111-404G-40-1	0-500	±0.05	1.3	150	45	39	24
111-405G-40	0-600	±0.05	1.3	100	45	39	24
111-405G-40-1	0-600	±0.05	1.4	150	45	39	24
111-406G-40-1	0-800	±0.06	2.5	150	60	51	31
111-406G-40-2	0-800	±0.08	2.6	200	60	51	31
111-407G-40-1	0-1000	±0.07	2.7	150	60	51	31
111-407G-40-2	0-1000	±0.09	2.8	200	60	51	31

Absolute Digital Caliper With Basic Jaws

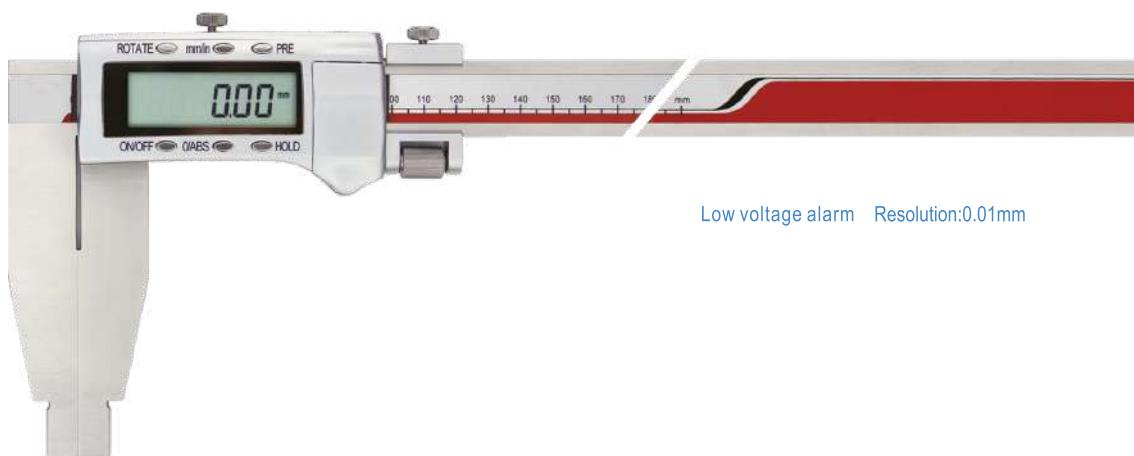
GB/T

S/STL
hardened

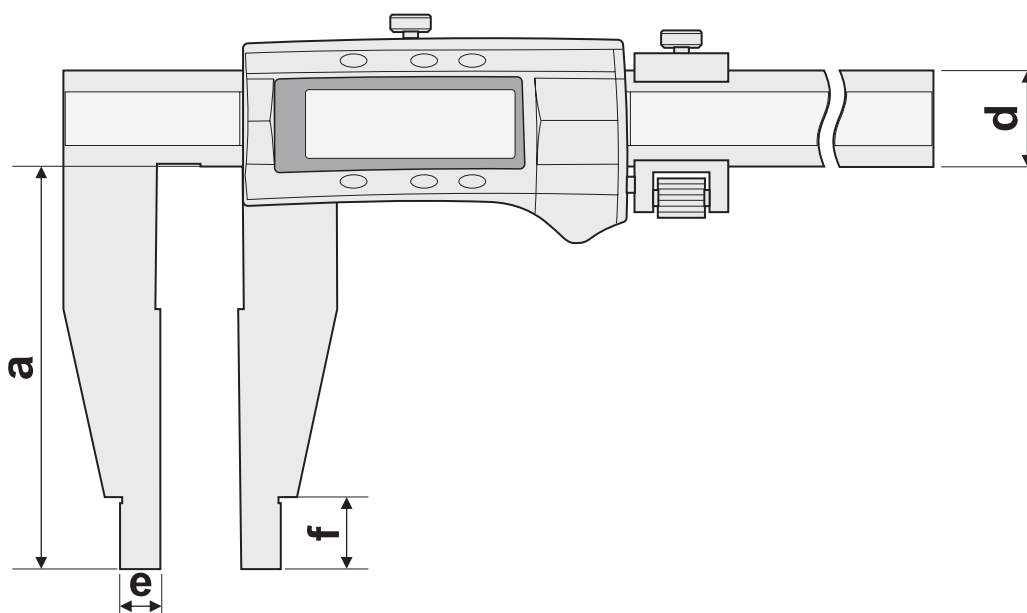


SPC

A



Low voltage alarm Resolution:0.01mm



FEATURES

- Origin setting without repeated zero-setting
- Whenever power on, the display will always show the current exact measurement
- Auto power on(move caliper slider), auto power-off (5 min after using)
- No limit for moving speed
- The value can be rotated 90°
- Mm/inch conversion at any position
- Preset any reading at any position
- Data hold

Code No.	Measuring Range mm	Accuracy mm	Weight kg	a mm	d mm	e mm	f mm
111-504G-40	0-500	±0.05	1.2	100	24	10	18
111-504G-40-1	0-500	±0.05	1.3	150	24	10	18
111-505G-40	0-600	±0.05	1.3	100	24	10	18
111-505G-40-1	0-600	±0.05	1.4	150	24	10	18
111-506G-40-1	0-800	±0.06	2.5	150	31	10	24
111-506G-40-2	0-800	±0.08	2.6	200	31	10	24
111-507G-40-1	0-1000	±0.07	2.7	150	31	10	24
111-507G-40-2	0-1000	±0.09	2.8	200	31	10	24



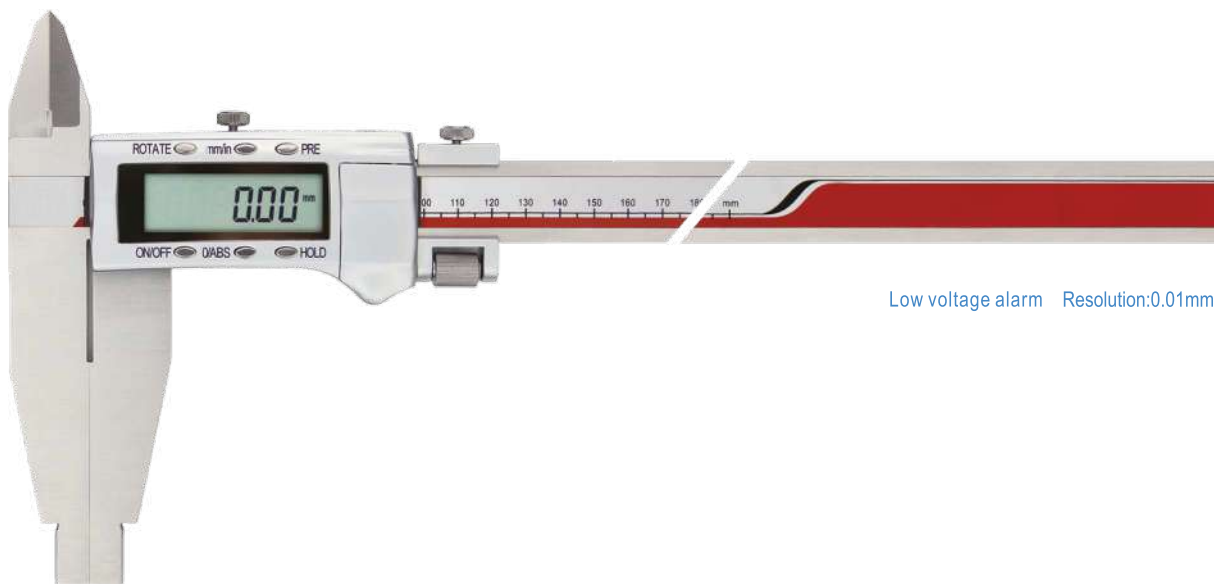
Absolute Digital Caliper with Inside measuring Jaws

GB/T

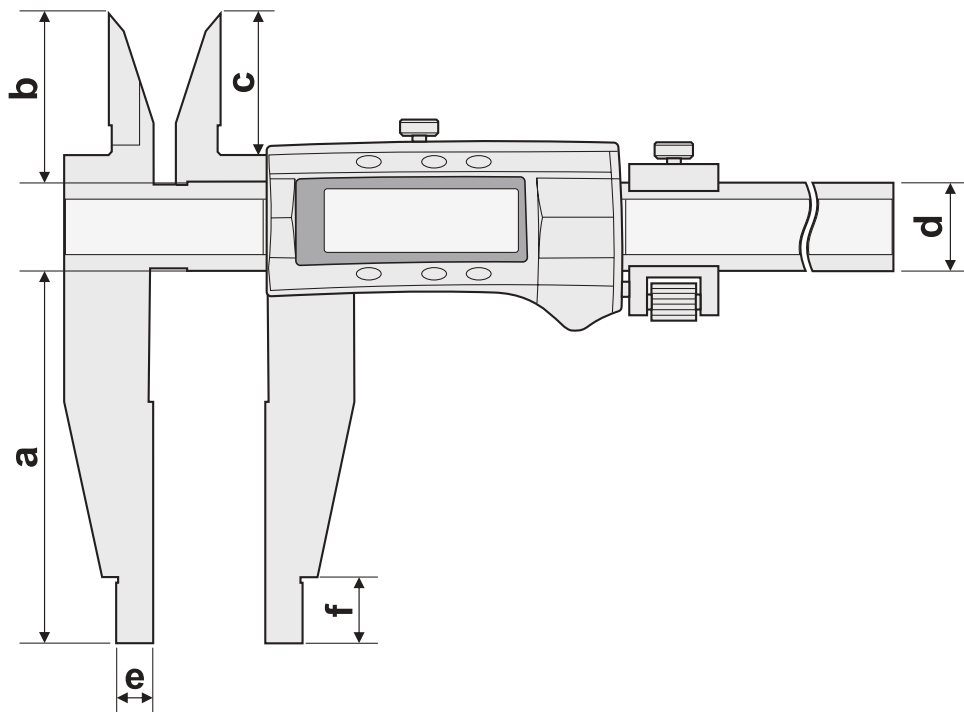
S/STL
hardened

SPC

A



Low voltage alarm Resolution:0.01mm

**FEATURES**

- Origin setting without repeated zero-setting
- Whenever power on, the display will always show the current exact measurement
- Auto power on(move caliper slider), auto power-off (5 min after using)
- No limit for moving speed
- The value can be rotated 90°
- Mm/inch conversion at any position
- Preset any reading at any position
- Data hold

Code No.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	e mm	f mm
111-604G-40	0-500	±0.05	1.2	100	45	39	24	10	18
111-604G-40-1	0-500	±0.05	1.3	150	45	39	24	10	18
111-605G-40	0-600	±0.05	1.3	100	45	39	24	10	18
111-605G-40-1	0-600	±0.05	1.4	150	45	39	24	10	18
111-606G-40-1	0-800	±0.06	2.5	150	60	51	31	10	24
111-606G-40-2	0-800	±0.08	2.6	200	60	51	31	10	24
111-607G-40	0-1000	±0.07	2.7	150	60	51	31	10	24
111-607G-40-1	0-1000	±0.09	2.8	200	60	51	31	10	24

Digital Caliper With Basic and Outside Measuring Jaws

GB/T

S/STL
hardened

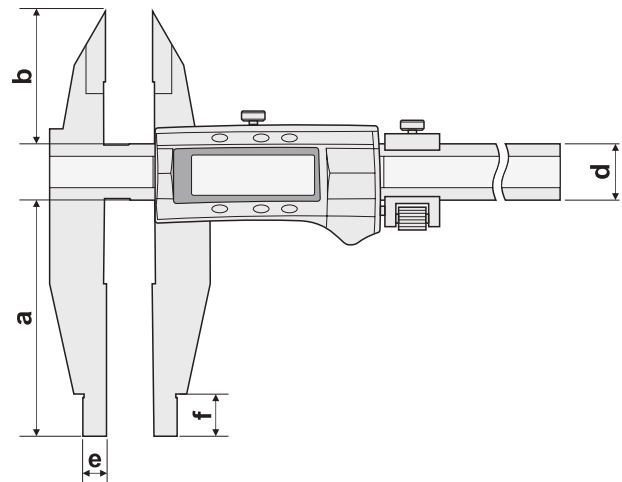
SPC



Low voltage alarm Resolution:0.01mm

FEATURES

- Nib shaped jaws for ID and OD measurement, carrying upper jaws for OD measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Preset any reading at any position
- Mm/inch conversion at any position
- With fine-adjustment carriage
- Data hold



Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	d mm	e mm	f mm
111-300	0-200	± 0.03	—	60	38	17	5	12
111-300-1	0-200	± 0.03	—	75	38	17	5	12
111-300GS-1J	0-200	± 0.03	—	90	45	20	5	12
111-301	0-250	± 0.03	—	60	38	17	5	12
111-301-1	0-250	± 0.03	—	75	38	17	5	12
111-301GS-1J	0-250	± 0.03	—	90	45	20	5	12
111-301GS-2	0-250	± 0.03	—	100	56	24	10	18
111-301GS-3	0-250	± 0.03	—	125	56	24	10	18
111-302	0-300	± 0.04	—	60	38	17	5	12
111-302-1	0-300	± 0.04	—	75	38	17	5	12
111-302GS-2J	0-300	± 0.04	—	90	45	20	5	12
111-302GS-3	0-300	± 0.04	—	100	56	24	10	18
111-302GS-4	0-300	± 0.05	—	125	56	24	10	18
111-302GS-5	0-300	± 0.05	—	150	56	24	10	18
111-303GS	0-400	± 0.04	—	100	56	24	10	18
111-303GS-1	0-400	± 0.05	—	125	56	24	10	18
111-303GS-2	0-400	± 0.06	—	150	56	24	10	18
111-303GS-3	0-400	± 0.06	—	200	67	31	10	24
111-304GS	0-500	± 0.05	1.2	100	56	24	10	18
111-304GS-1	0-500	± 0.05	1.3	150	56	24	10	18
111-304GS-2	0-500	± 0.07	2.2	200	67	31	10	24

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	d mm	e mm	f mm
111-305GS	0-600	± 0.05	1.3	100	80	24	10	18
111-305GS-1	0-600	± 0.05	1.4	150	80	24	10	18
111-305GS-2	0-600	± 0.07	2.3	200	67	31	10	24
111-306GS	0-800	± 0.06	2.5	125	67	31	10	24
111-306GS-1	0-800	± 0.06	2.5	150	67	31	10	24
111-306GS-2	0-800	± 0.08	2.6	200	67	31	10	24
111-306GS-3	0-800	± 0.09	4.7	250	80	42	10	24
111-307GS-0	0-1000	± 0.07	2.7	125	67	31	10	24
111-307GS	0-1000	± 0.07	2.7	150	67	31	10	24
111-307GS-1	0-1000	± 0.09	2.8	200	67	31	10	24
111-307GS-2	0-1000	± 0.10	5.2	250	80	42	10	24
111-307GS-5	0-1250	± 0.08	3.1	150	67	31	10	24
111-307GS-6	0-1250	± 0.11	3.2	200	67	31	10	24
111-308GS	0-1500	± 0.11	6.2	150	80	42	10	24
111-308GS-1	0-1500	± 0.11	6.5	200	80	42	10	24
111-308GS-2	0-1500	± 0.14	7.1	250	80	42	10	24
111-308GS-3	0-1500	± 0.15	7.5	300	80	42	10	24
111-309GS	0-2000	± 0.14	6.6	150	80	42	10	24
111-309GS-1	0-2000	± 0.14	7.2	200	80	42	10	24
111-309GS-2	0-2000	± 0.18	7.6	250	80	42	10	24
111-309GS-3	0-2000	± 0.20	8.0	300	80	42	10	24
111-311GS	0-3000	± 0.26	9.5	150	80	42	10	24
111-311GS-1	0-3000	± 0.26	9.9	200	80	42	10	24
111-311GS-2	0-3000	± 0.26	10.3	250	80	42	10	24
111-311GS-3	0-3000	± 0.27	10.7	300	80	42	10	24

A



DIGITAL CALIPERS

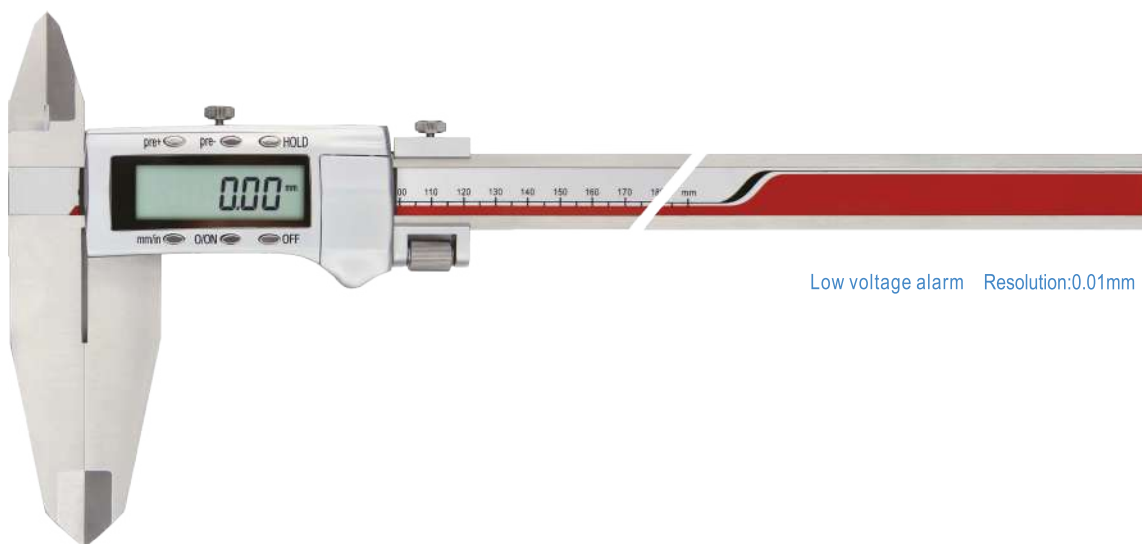
Digital Caliper With Standard Jaws

GB/T

S/STL
hardened



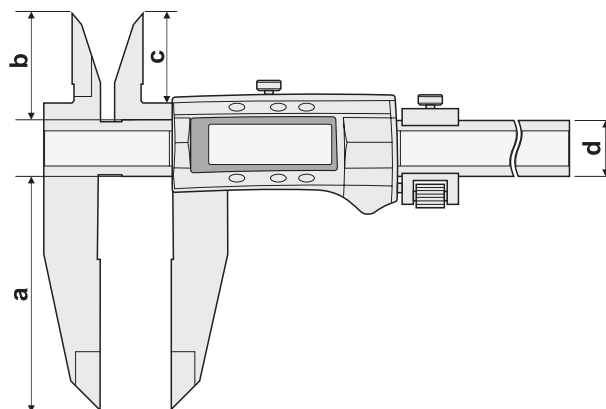
SPC



Low voltage alarm Resolution:0.01mm

FEATURES

- Easy used for large OD and ID measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Preset any reading at any position
- Mm/inch conversion at any position
- With fine-adjustment carriage
- Data hold



Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm
111-400	0-200	± 0.03	—	50	28	23.5	17
111-400-1	0-200	± 0.03	—	75	28	23.5	17
111-400GS-2J	0-200	± 0.03	—	90	42	36.5	20
111-401	0-250	± 0.03	—	60	28	23.5	17
111-401-1	0-250	± 0.03	—	75	28	23.5	17
111-401GS-2J	0-250	± 0.03	—	90	42	36.5	20
111-402	0-300	± 0.04	—	60	28	23.5	17
111-402-1	0-300	± 0.04	—	75	28	23.5	17
111-402GS-2J	0-300	± 0.04	—	90	42	36.5	20
111-402GS-3	0-300	± 0.04	—	100	45	38	24
111-402GS-4	0-300	± 0.05	—	125	45	38	24
111-402GS-5	0-300	± 0.05	—	150	45	38	24
111-403GS	0-400	± 0.04	—	100	45	38	24
111-403GS-1	0-400	± 0.05	—	125	45	38	24
111-403GS-2	0-400	± 0.06	—	150	60	51.5	31
111-403GS-3	0-400	± 0.06	—	200	60	51.5	31
111-404GS	0-500	± 0.05	1.2	100	45	38	24
111-404GS-1	0-500	± 0.05	1.3	150	60	51.5	31
111-404GS-2	0-500	± 0.07	2.2	200	60	51.5	31
111-405GS	0-600	± 0.05	1.3	100	45	38	24
111-405GS-1	0-600	± 0.05	1.4	150	60	51.5	31

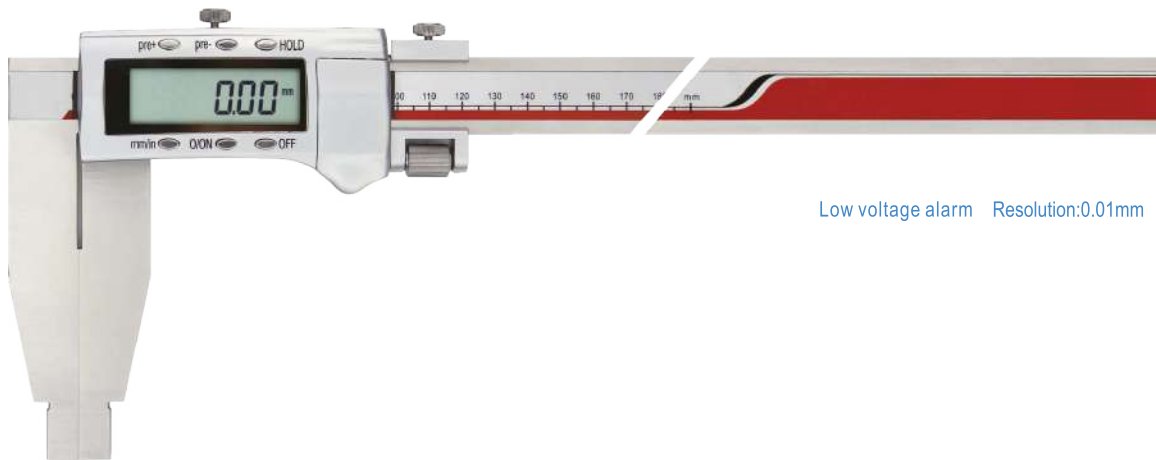
Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm
111-405GS-2	0-600	± 0.07	2.3	200	60	51.5	31
111-406GS	0-800	± 0.06	2.5	125	60	51.5	31
111-406GS-1	0-800	± 0.06	2.5	150	60	51.5	31
111-406GS-2	0-800	± 0.08	2.6	200	60	51.5	31
111-406GS-3	0-800	± 0.09	4.7	250	70	61	42
111-407GS	0-1000	± 0.07	2.7	125	60	51.5	31
111-407GS-1	0-1000	± 0.07	2.7	150	60	51.5	31
111-407GS-2	0-1000	± 0.09	2.8	200	60	51.5	31
111-407GS-3	0-1000	± 0.10	5.2	250	70	61	42
111-408GS	0-1250	± 0.08	3.1	150	60	51.5	31
111-408GS-1	0-1250	± 0.11	3.2	200	60	51.5	31
111-408GS-2	0-1250	± 0.12	5.7	250	70	61	42
111-408GS-3	0-1250	± 0.15	6.0	300	70	61	42
111-409GS	0-1500	± 0.11	6.2	150	70	61	42
111-409GS-1	0-1500	± 0.11	6.5	200	70	61	42
111-409GS-2	0-1500	± 0.14	7.1	250	70	61	42
111-409GS-3	0-1500	± 0.16	7.5	300	70	61	42
111-410GS	0-2000	± 0.14	6.6	150	70	61	42
111-410GS-1	0-2000	± 0.14	7.2	200	70	61	42
111-410GS-2	0-2000	± 0.17	7.6	250	70	61	42
111-410GS-3	0-2000	± 0.18	8.0	300	70	61	42

Digital Caliper With Basic Jaws

GB/T

S/STL
hardened

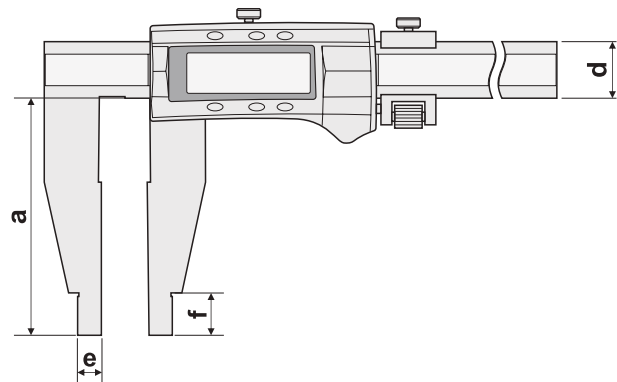
SPC



Low voltage alarm Resolution:0.01mm

FEATURES

- Nib shaped jaws for ID and OD measurement
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Preset any reading at any position
- Mm/inch conversion at any position
- With fine-adjustment carriage
- Data hold



Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	d mm	e mm	f mm
111-499	0-150	± 0.03	—	40	17	5	8
111-499-1	0-150	± 0.03	—	75	17	5	12
111-500	0-200	± 0.03	—	40	17	5	8
111-500-1	0-200	± 0.03	—	75	17	5	12
111-500GS-1J	0-200	± 0.03	—	90	20	5	12
111-501	0-250	± 0.03	—	60	17	5	12
111-501-1	0-250	± 0.03	—	75	17	5	12
111-501GS-1J	0-250	± 0.03	—	90	20	5	12
111-501GS-2	0-250	± 0.03	—	100	24	10	18
111-501GS-3	0-250	± 0.05	—	150	24	10	18
111-502	0-300	± 0.04	—	60	17	5	12
111-502-1	0-300	± 0.04	—	75	17	5	12
111-502GS-1J	0-300	± 0.04	—	90	20	5	12
111-502GS-2	0-300	± 0.04	—	100	24	10	18
111-502GS-3	0-300	± 0.05	—	150	24	10	18
111-503GS-1	0-400	± 0.04	—	100	24	10	18
111-503GS-2	0-400	± 0.06	—	150	24	10	18
111-503GS-3	0-400	± 0.06	—	200	31	10	24
111-504GS	0-500	± 0.05	1.2	100	24	10	18
111-504GS-1	0-500	± 0.05	1.3	150	24	10	18
111-504GS-2	0-500	± 0.07	2.2	200	31	10	24
111-505GS	0-600	± 0.05	1.3	100	24	10	18
111-505GS-1	0-600	± 0.05	1.4	150	24	10	18
111-505GS-2	0-600	± 0.07	2.3	200	31	10	24
111-506GS	0-800	± 0.06	2.5	100	31	10	24
111-506GS-0	0-800	± 0.06	2.5	125	31	10	24
111-506GS-1	0-800	± 0.06	2.5	150	31	10	24

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	d mm	e mm	f mm
111-506GS-2	0-800	± 0.08	2.6	200	31	10	24
111-506GS-3	0-800	± 0.09	4.7	250	42	10	24
111-507GS	0-1000	± 0.07	2.7	125	31	10	24
111-507GS-1	0-1000	± 0.07	2.7	150	31	10	24
111-507GS-2	0-1000	± 0.09	2.8	200	31	10	24
111-507-3	0-1000	± 0.10	5.2	250	42	10	24
111-507GS-7	0-1250	± 0.08	3.1	125	31	10	24
111-507GS-8	0-1250	± 0.08	3.1	150	31	10	24
111-507GS-9	0-1250	± 0.11	3.2	200	31	10	24
111-507GS-11	0-1250	± 0.12	5.7	250	42	10	24
111-507GS-12	0-1250	± 0.15	6.0	300	42	10	24
111-508GS	0-1500	± 0.11	5.8	125	42	10	24
111-508GS-1	0-1500	± 0.11	6.2	150	42	10	24
111-508GS-2	0-1500	± 0.11	6.5	200	42	10	24
111-508GS-3	0-1500	± 0.14	7.1	250	42	10	24
111-508GS-4	0-1500	± 0.16	7.5	300	42	10	24
111-509GS	0-2000	± 0.14	6.3	125	42	10	24
111-509GS-1	0-2000	± 0.14	6.6	150	42	10	24
111-509GS-2	0-2000	± 0.14	7.2	200	42	10	24
111-509GS-3	0-2000	± 0.17	7.6	250	42	10	24
111-509GS-4	0-2000	± 0.18	8.0	300	42	10	24
111-511GS	0-3000	± 0.26	9.5	150	42	10	24
111-511GS-1	0-3000	± 0.26	9.9	200	42	10	24
111-511GS-2	0-3000	± 0.26	10.3	250	42	10	24
111-511GS-3	0-3000	± 0.27	10.7	300	42	10	24
111-513	0-4000	± 0.34	17.3	200	50	10	24
111-513-1	0-4000	± 0.34	17.7	250	50	10	24
111-513-2	0-4000	± 0.34	18.1	300	50	10	24



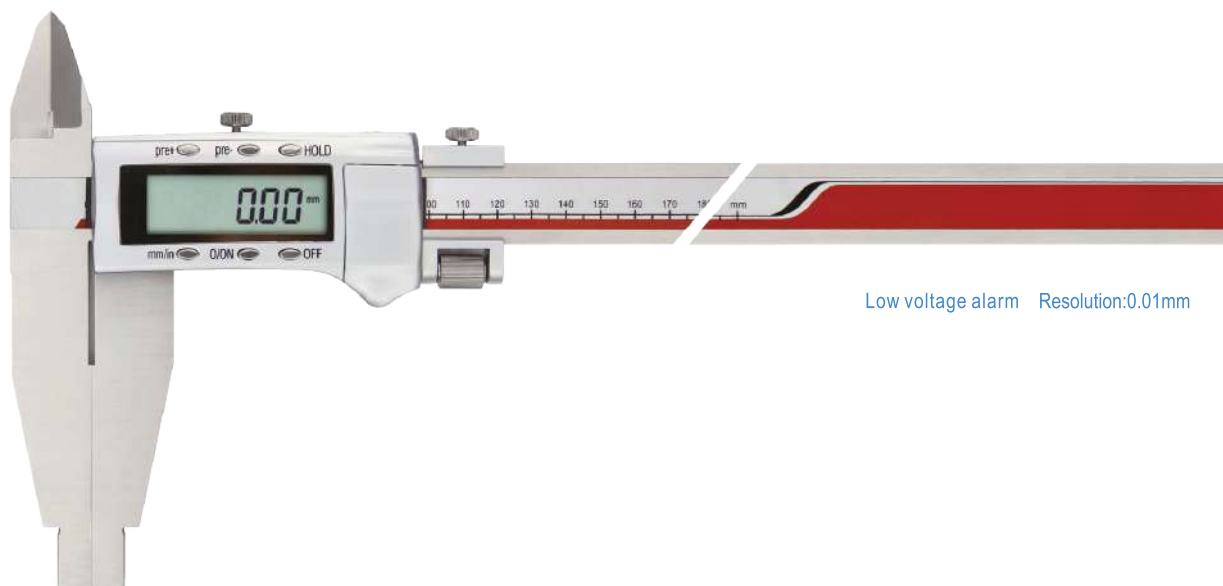
Digital Caliper With Basic and Inside Measuring Jaws

GB/T

S/STL
hardened

SPC

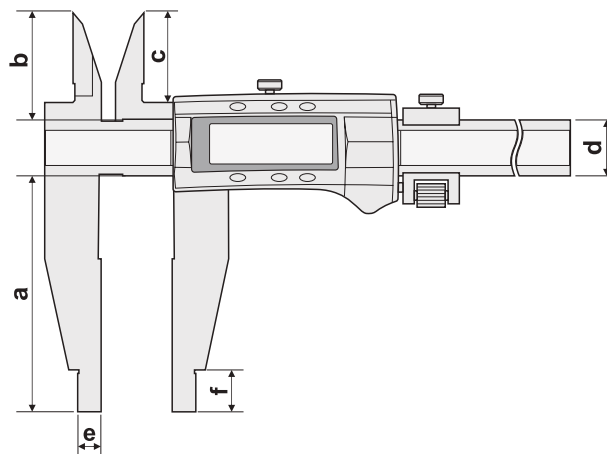
A



Low voltage alarm Resolution:0.01mm

FEATURES

- Nib shaped jaws for ID and OD measurement, carrying upper jaws for ID measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Preset any reading at any position
- Mm/inch conversion at any position
- With fine-adjustment carriage
- Data hold

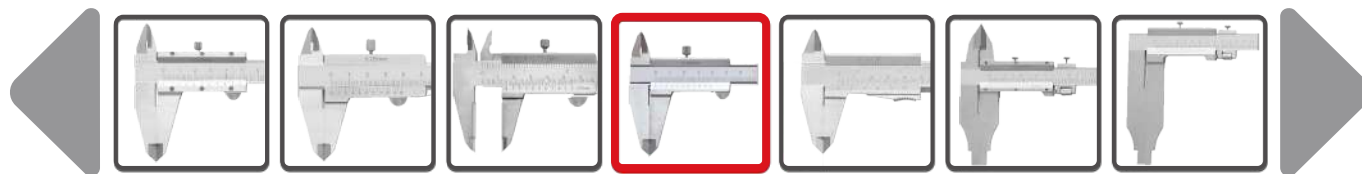


Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	e mm	f mm
111-600-0	0-200	± 0.03	—	60	28	23.5	17	5	12
111-600-1	0-200	± 0.03	—	75	28	23.5	17	5	12
111-601	0-250	± 0.03	—	60	28	23.5	17	5	12
111-601-1	0-250	± 0.03	—	75	28	23.5	17	5	12
111-601GS-2J	0-250	± 0.03	—	100	42	36.5	20	5	12
111-602	0-300	± 0.04	—	60	28	23.5	17	5	12
111-602-1	0-300	± 0.04	—	75	28	23.5	17	5	12
111-602GS-2J	0-300	± 0.04	—	90	42	36.5	20	5	12
111-602GS-3J	0-300	± 0.04	—	100	42	36.5	20	5	12
111-602GS-4	0-300	± 0.05	—	125	45	38	24	10	18
111-602GS-5	0-300	± 0.05	—	150	45	38	24	10	18
111-603GS-1	0-400	± 0.05	—	125	45	38	24	10	18
111-603GS-2	0-400	± 0.05	—	150	45	38	24	10	18
111-603GS-3	0-400	± 0.06	—	200	60	51.5	31	10	24
111-604GS	0-500	± 0.05	1.2	100	45	38	24	10	18
111-604GS-1	0-500	± 0.05	1.3	150	60	51.5	31	10	24
111-604GS-2	0-500	± 0.07	2.2	200	60	51.5	31	10	24
111-605GS	0-600	± 0.05	1.3	100	45	38	24	10	18
111-605GS-1	0-600	± 0.05	1.4	150	60	51.5	31	10	24
111-605GS-2	0-600	± 0.07	2.3	200	60	51.5	31	10	24

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	e mm	f mm
111-606GS	0-800	± 0.06	2.5	125	60	51.5	31	10	24
111-606GS-1	0-800	± 0.06	2.5	150	60	51.5	31	10	24
111-606GS-2	0-800	± 0.08	2.6	200	60	51.5	31	10	24
111-606GS-3	0-800	± 0.09	4.7	250	70	61	42	10	24
111-607GS-0	0-1000	± 0.07	2.7	125	60	51.5	31	10	24
111-607GS	0-1000	± 0.07	2.7	150	60	51.5	31	10	24
111-607GS-1	0-1000	± 0.09	2.8	200	60	51.5	31	10	24
111-607GS-2	0-1000	± 0.10	5.2	250	60	61	42	10	24
111-607GS-5	0-1250	± 0.08	3.1	150	60	51.5	31	10	24
111-607GS-6	0-1250	± 0.11	3.2	200	60	51.5	31	10	24
111-607GS-7	0-1250	± 0.12	5.7	250	70	61	42	10	24
111-608GS	0-1500	± 0.11	6.2	150	70	61	42	10	24
111-608GS-1	0-1500	± 0.11	6.5	200	70	61	42	10	24
111-608GS-2	0-1500	± 0.14	7.1	250	70	61	42	10	24
111-608GS-3	0-1500	± 0.15	7.5	300	70	61	42	10	24
111-609GS	0-2000	± 0.14	6.6	150	70	61	42	10	24
111-609GS-1	0-2000	± 0.14	7.2	200	70	61	42	10	24
111-609GS-2	0-2000	± 0.17	7.6	250	70	61	42	10	24
111-609GS-3	0-2000	± 0.18	8.0	300	70	61	42	10	24

B

VERNIER CALIPERS

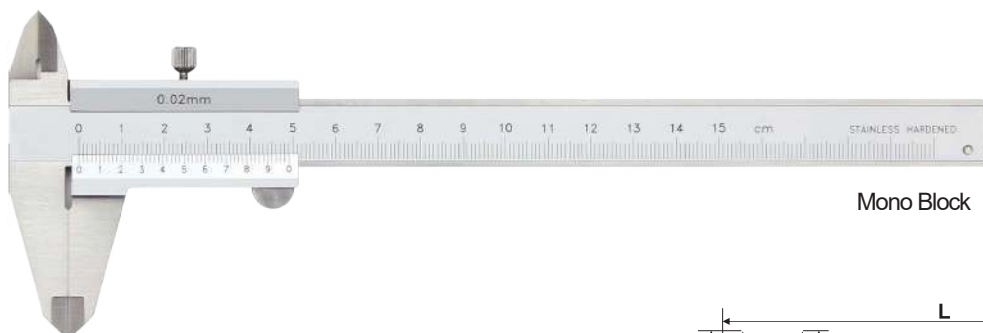


SINCERITY & TECHNOLOGY

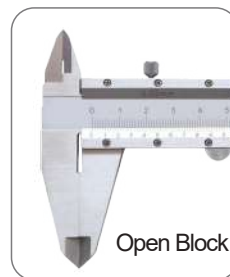


VERNIER CALIPERS

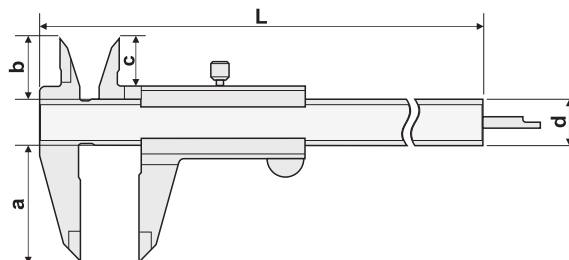
Vernier Caliper



Mono Block



Open Block

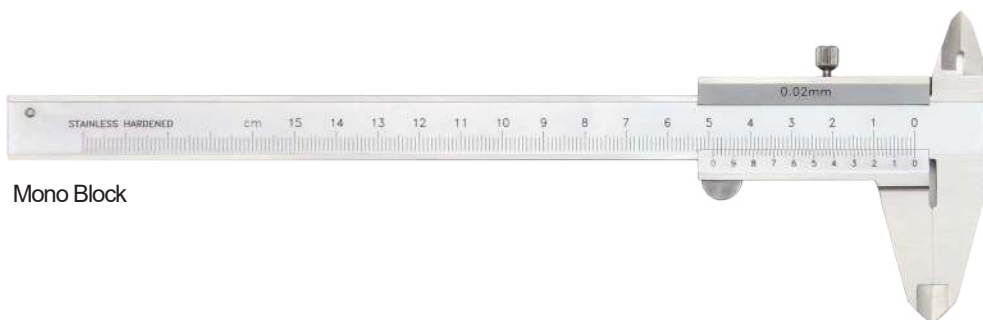


FEATURES

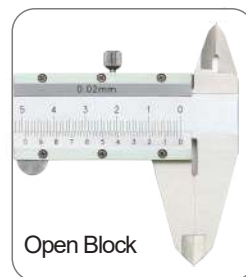
- Used for OD, ID, depth and step measurements

Code NO. Open Block	Code NO. Mono Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
—	141-101E	0-100	0.05/1/128"	± 0.05	170	30	17	13	13
141-122E	141-102E	0-150	0.02/.001"	± 0.03	228	40	21	16.5	16
141-123E	141-103E	0-150	0.05/1/128"	± 0.05	228	40	21	16.5	16
141-124E	141-104E	0-200	0.02/.001"	± 0.03	286	50	24	19.5	16
141-125E	141-105E	0-200	0.05/1/128"	± 0.05	286	50	24	19.5	16
141-126E	141-106E	0-300	0.02/.001"	± 0.04	400	60	26	21.5	16
141-127E	141-107E	0-300	0.05/1/128"	± 0.05	400	60	26	21.5	16

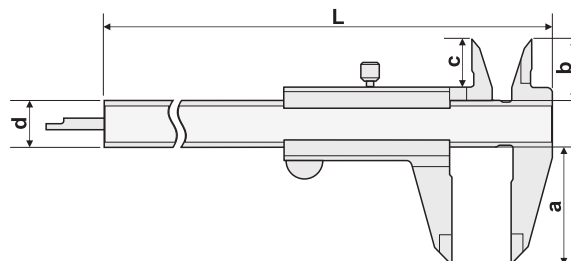
Left-handed Vernier Caliper



Mono Block



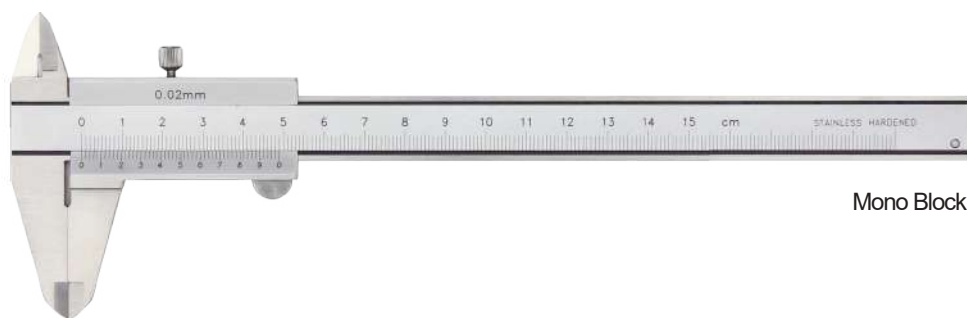
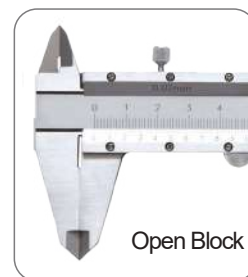
Open Block



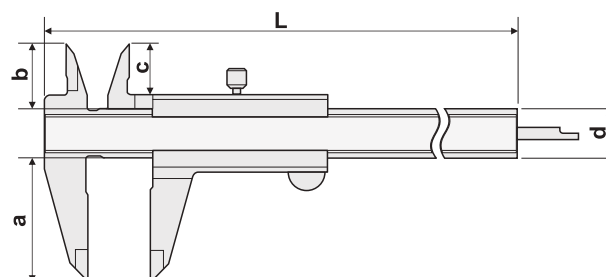
FEATURES

- Easy used for left-handed users or the dimensions can be measured from left

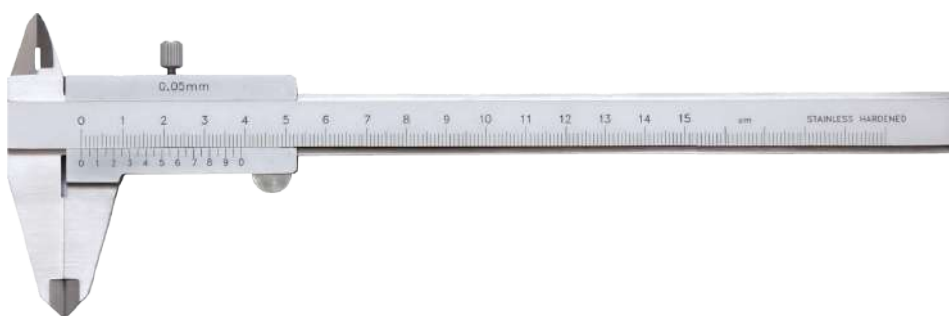
Code NO. Open Block	Code NO. Mono Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-102ZKE	141-102ZE	0-150	0.02/.001"	± 0.03	228	40	21	16.5	16
141-103ZKE	141-103ZE	0-150	0.05/1/128"	± 0.05	228	40	21	16.5	16

Vernier Caliper Bevel Parallax-free Type

Mono Block

Open Block
FEATURES

- Parallax-free vernier scales easy for measurements
- Used for OD, ID, depth and step measurements

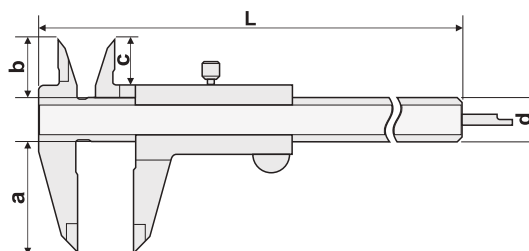


Code NO. Open Block	Code NO. Mono Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-402E	141-382E	0-150	0.02/.001"	±0.03	236	40	21	16.5	16
141-403E	141-383E	0-150	0.05/1/128"	±0.05	236	40	21	16.5	16
141-404E	141-384E	0-200	0.02/.001"	±0.03	286	50	24	19.5	16
141-405E	141-385E	0-200	0.05/1/128"	±0.05	286	50	24	19.5	16
141-408E	141-388E	0-300	0.02/.001"	±0.04	400	60	26	21.5	16
141-409E	141-389E	0-300	0.05/1/128"	±0.05	400	60	26	21.5	16

Vernier Caliper Plane Parallax-free Type

FEATURES

- Parallax-free vernier scales easy for measurements
- Used for OD, ID, depth and step measurements
- Mono block

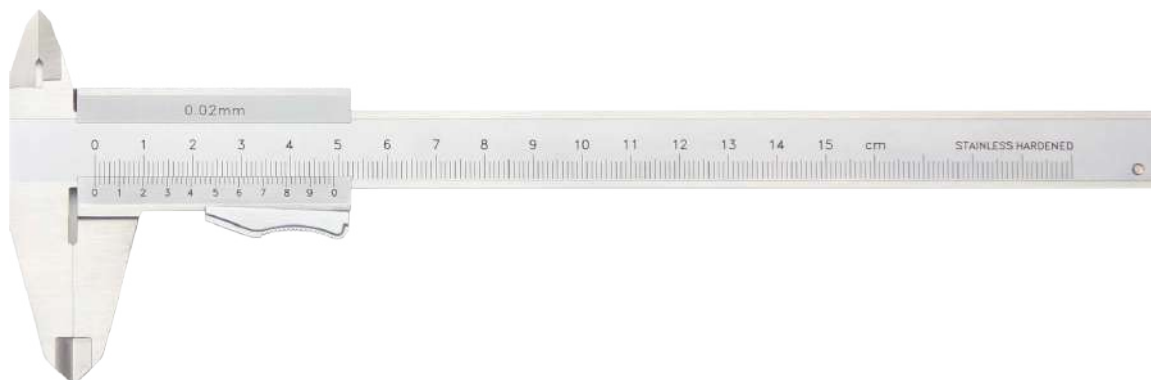
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-362E	0-150	0.02/.001"	±0.03	228	40	21	16.5	16
141-363E	0-150	0.05/1/128"	±0.05	228	40	21	16.5	16
141-364E	0-200	0.02/.001"	±0.03	286	50	24	19.5	16
141-365E	0-200	0.05/1/128"	±0.05	286	50	24	19.5	16
141-368E	0-300	0.02/.001"	±0.04	400	60	26	21.5	16
141-369E	0-300	0.05/1/128"	±0.06	400	60	26	21.5	16





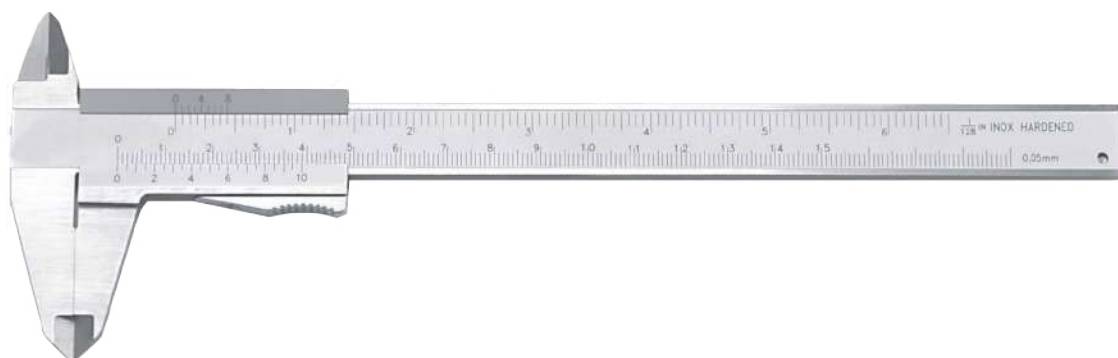
VERNIER CALIPERS

Vernier Caliper with Thumb Clamp



Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-262	0-150	0.02	± 0.03	236	40	21	16.5	16
141-263	0-150	0.05	± 0.05	236	40	21	16.5	16
141-264	0-200	0.02	± 0.03	286	50	24	19.5	16
141-265	0-200	0.05	± 0.05	286	50	24	19.5	16
141-268	0-300	0.02	± 0.04	400	60	26	21.5	16
141-269	0-300	0.05	± 0.06	400	60	26	21.5	16

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-272	0-150	0.02/.001"	± 0.03	236	40	21	16.5	16
141-273	0-150	0.05/1/128"	± 0.05	236	40	21	16.5	16
141-274	0-200	0.02/.001"	± 0.03	286	50	24	19.5	16
141-275	0-200	0.05/1/128"	± 0.05	286	50	24	19.5	16
141-268E	0-300	0.02/.001"	± 0.04	400	60	26	21.5	16
141-269E	0-300	0.05/1/128"	± 0.06	400	60	26	21.5	16

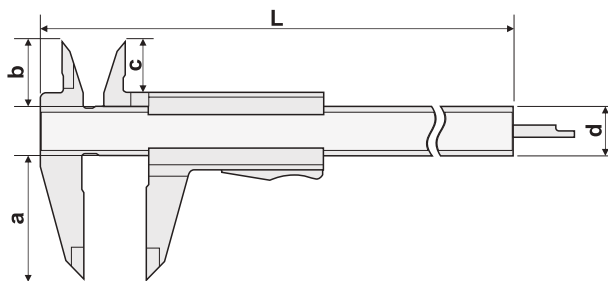


Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-262LIM	0-150	0.02	± 0.03	236	40	21	16.5	16
141-263LIM	0-150	0.05	± 0.05	236	40	21	16.5	16
141-264LIM	0-200	0.02	± 0.03	286	50	24	19.5	16
141-265LIM	0-200	0.05	± 0.05	286	50	24	19.5	16
141-266LIM	0-300	0.02	± 0.04	400	60	26	21.5	16
141-267LIM	0-300	0.05	± 0.06	400	60	26	21.5	16

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-272LIM	0-150	0.02/.001"	± 0.03	236	40	21	16.5	16
141-273LIM	0-150	0.05/1/128"	± 0.05	236	40	21	16.5	16
141-274LIM	0-200	0.02/.001"	± 0.03	286	50	24	19.5	16
141-275LIM	0-200	0.05/1/128"	± 0.05	286	50	24	19.5	16
141-276LIM	0-300	0.02/.001"	± 0.04	400	60	26	21.5	16
141-277LIM	0-300	0.05/1/128"	± 0.06	400	60	26	21.5	16

FEATURES

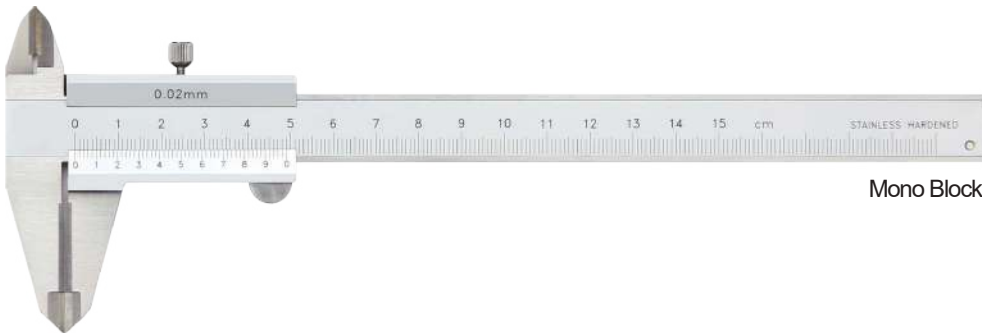
- Auto self locking thumb clamp
- Used for OD, ID, depth and step measurements
- Mono block



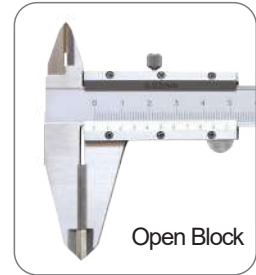
Vernier Caliper with Carbide-tipped Jaws

GB/T

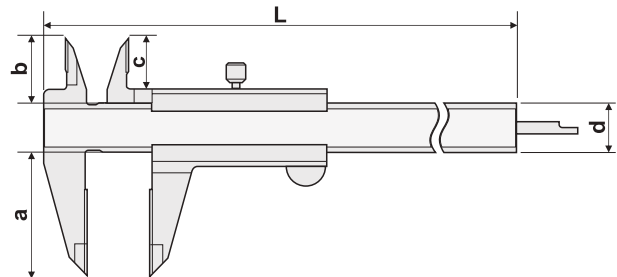
S/STL
hardened



Mono Block



Open Block

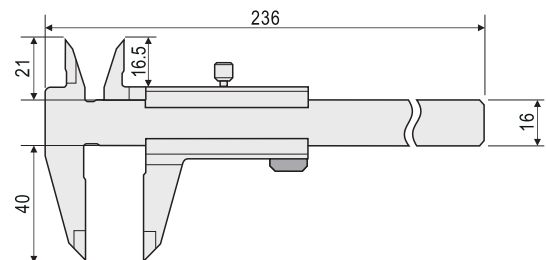
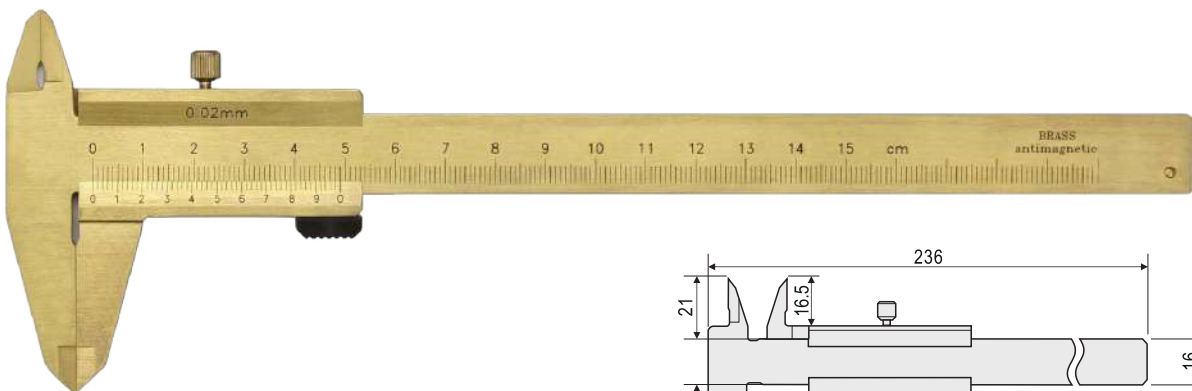


FEATURES

- With durable carbide tips
- Used for OD, ID, depth and step measurements

Code NO. Open Block	Code NO. Mono Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
141-162E	141-152E	0-150	0.02/.001"	± 0.03	236	40	21	16.5	16
141-163E	141-153E	0-150	0.05/1/128"	± 0.05	236	40	21	16.5	16
141-164E	141-154E	0-200	0.02/.001"	± 0.03	286	50	24	19.5	16
141-165E	141-155E	0-200	0.05/1/128"	± 0.05	286	50	24	19.5	16
141-166E	141-156E	0-300	0.02/.001"	± 0.04	400	60	26	21.5	16
141-167E	141-157E	0-300	0.05/1/128"	± 0.05	400	60	26	21.5	16

Anti-magnetic Vernier Caliper



FEATURES

- Pure copper material
- Used for OD, ID and step measurements
- Non-magnet block

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
141-102Cu	0-150	0.02	± 0.03
141-103Cu	0-150	0.05	± 0.05
141-102ECu	0-150	0.02/.001"	± 0.03
141-103ECu	0-150	0.05/1/128"	± 0.05



VERNIER CALIPERS

Vernier Caliper with Basic and Outside Measuring Jaws

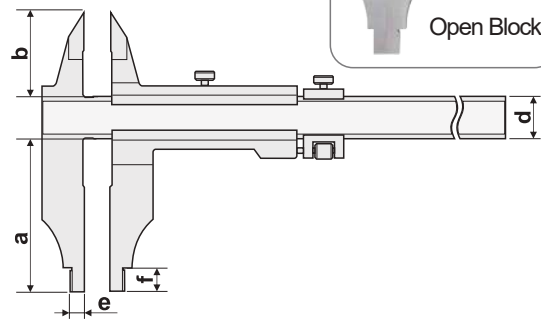


Mono Block



Open Block

With fine-adjustment carriage



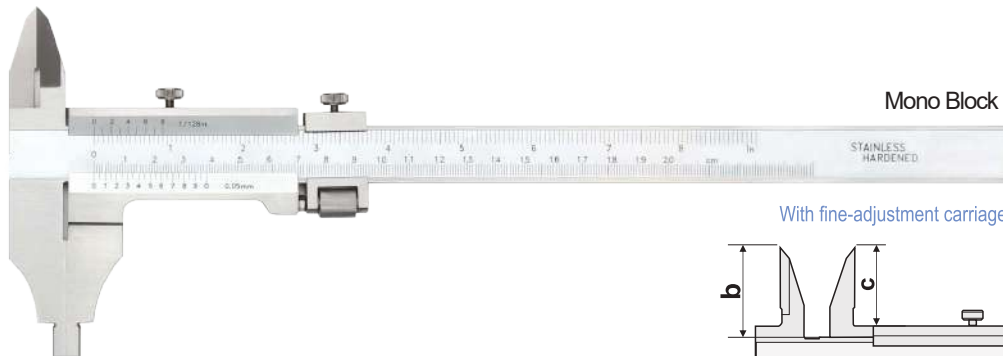
FEATURES

- Nib shaped jaws for ID and OD measurement, carrying upper jaws for OD measurements

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	d mm	f mm	e mm
141-600	141-640	0-200	0.02	± 0.03	—	60	40	20	12	5
141-600-1	141-640-1	0-200	0.02	± 0.03	—	75	40	20	12	5
141-601	141-641	0-200	0.05	± 0.05	—	60	40	20	12	5
141-601-1	141-641-1	0-200	0.05	± 0.05	—	75	40	20	12	5
141-620	141-660	0-200	0.02/ 0.01"	± 0.03	—	60	40	20	12	5
141-620-1	141-660-1	0-200	0.02/ 0.01"	± 0.03	—	75	40	20	12	5
141-621	141-661	0-200	0.05/1/128"	± 0.05	—	60	40	20	12	5
141-621-1	141-661-1	0-200	0.05/1/128"	± 0.05	—	75	40	20	12	5
141-602	141-642	0-250	0.02	± 0.03	—	60	40	20	12	5
141-602-1	141-642-1	0-250	0.02	± 0.03	—	75	40	20	12	5
141-603	141-643	0-250	0.05	± 0.05	—	60	40	20	12	5
141-603-1	141-643-1	0-250	0.05	± 0.05	—	75	40	20	12	5
141-622	141-662	0-250	0.02/ 0.01"	± 0.03	—	60	40	20	12	5
141-622-1	141-662-1	0-250	0.02/ 0.01"	± 0.03	—	75	40	20	12	5
141-623	141-663	0-250	0.05/1/128"	± 0.05	—	60	40	20	12	5
141-623-1	141-663-1	0-250	0.05/1/128"	± 0.05	—	75	40	20	12	5
141-604	141-644	0-300	0.02	± 0.04	—	60	40	20	12	5
141-604-1	141-644-1	0-300	0.02	± 0.05	—	90	40	20	12	5
141-605	141-645	0-300	0.05	± 0.05	—	60	40	20	12	5
141-605-1	141-645-1	0-300	0.05	± 0.05	—	90	40	20	12	5
141-624	141-664	0-300	0.02/ 0.01"	± 0.04	—	60	40	20	12	5
141-624-1	141-664-1	0-300	0.02/ 0.01"	± 0.05	—	90	40	20	12	5
141-625	141-665	0-300	0.05/1/128"	± 0.05	—	60	40	20	12	5
141-625-1	141-665-1	0-300	0.05/1/128"	± 0.05	—	90	40	20	12	5
141-606	141-646	0-400	0.02	± 0.04	—	100	56	24	18	10
141-606-1	141-646-1	0-400	0.02	± 0.04	—	125	56	24	18	10
141-607	141-647	0-400	0.05	± 0.10	—	100	56	24	18	10
141-607-1	141-647-1	0-400	0.05	± 0.10	—	125	56	24	18	10
141-626	141-666	0-400	0.02/ 0.01"	± 0.04	—	100	56	24	18	10
141-626-1	141-666-1	0-400	0.02/ 0.01"	± 0.04	—	125	56	24	18	10
141-627	141-667	0-400	0.05/1/128"	± 0.10	—	100	56	24	18	10
141-627E-1	141-667-1	0-400	0.05/1/128"	± 0.10	—	125	56	24	18	10
141-608	141-648	0-500	0.02	± 0.05	1.3	100	56	24	18	10
141-608-1S	141-648-1S	0-500	0.02	± 0.05	1.3	150	56	24	18	10
141-608-2	141-648-2	0-500	0.02	± 0.07	2.2	200	67	31	24	10
141-609	141-649	0-500	0.05	± 0.10	1.3	100	56	24	18	10
141-609-1S	141-649-1S	0-500	0.05	± 0.10	1.3	150	56	24	18	10
141-609-2	141-649-2	0-500	0.05	± 0.10	2.2	200	67	31	24	10
141-628	141-668	0-500	0.02/ 0.01"	± 0.05	1.3	100	56	24	18	10
141-628-1S	141-668-1S	0-500	0.02/ 0.01"	± 0.05	1.3	150	56	24	18	10
141-628-2	141-668-2	0-500	0.02/ 0.01"	± 0.07	2.2	200	67	31	24	10
141-629	141-669	0-500	0.05/1/128"	± 0.10	1.3	100	56	24	18	10
141-629-1S	141-669-1S	0-500	0.05/1/128"	± 0.10	1.3	150	56	24	18	10
141-629-2	141-669-2	0-500	0.05/1/128"	± 0.10	2.2	200	67	31	24	10
141-610-0	141-650-0	0-600	0.02	± 0.05	1.3	100	56	24	18	10
141-610S	141-650S	0-600	0.02	± 0.05	1.3	150	56	24	18	10
141-610-1	141-650-1	0-600	0.02	± 0.07	2.5	200	67	31	24	10
141-611-0	141-651-0	0-600	0.05	± 0.10	1.3	100	56	24	18	10
141-611S	141-651S	0-600	0.05	± 0.10	1.3	150	56	24	18	10
141-611-1	141-651-1	0-600	0.05	± 0.10	2.5	200	67	31	24	10
141-630-0	141-670-0	0-600	0.02/ 0.01"	± 0.05	1.3	100	56	24	18	10
141-630S	141-670S	0-600	0.02/ 0.01"	± 0.05	1.3	150	56	24	18	10
141-630-1	141-670-1	0-600	0.02/ 0.01"	± 0.07	2.5	200	67	31	24	10
141-631-0	141-671-0	0-600	0.05/1/128"	± 0.10	1.3	100	56	24	18	10
141-631S	141-671S	0-600	0.05/1/128"	± 0.10	1.3	150	56	24	18	10
141-631-1	141-671-1	0-600	0.05/1/128"	± 0.10	2.5	200	67	31	24	10
141-612	141-652	0-800	0.02	± 0.06	2.6	150	67	31	24	10
141-612-1	141-652-1	0-800	0.02	± 0.08	2.8	200	67	31	24	10
141-613	141-653	0-800	0.05	± 0.10	2.6	150	67	31	24	10
141-613-1	141-653-1	0-800	0.05	± 0.10	2.8	200	67	31	24	10

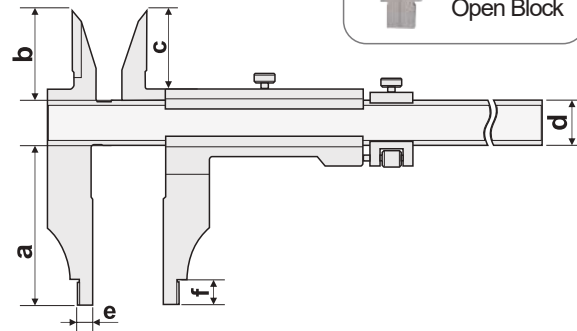
Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	d mm	f mm	e mm
141-632	141-672	0-800	0.02/ 0.01"	± 0.06	2.6	150	67	31	24	10
141-632-1	141-672-1	0-800	0.02/ 0.01"	± 0.08	2.8	200	67	31	24	10
141-633	141-673	0-800	0.05/1/128"	± 0.10	2.6	150	67	31	24	10
141-633-1	141-673-1	0-800	0.05/1/128"	± 0.10	2.8	200	67	31	24	10
141-614	141-654	0-1000	0.02	± 0.07	2.7	150	67	31	24	10
141-614-1	141-654-1	0-1000	0.02	± 0.09	3.3	200	67	31	24	10
141-615	141-655	0-1000	0.05	± 0.10	2.7	150	67	31	24	10
141-615-1	141-655-1	0-1000	0.05	± 0.15	3.3	200	67	31	24	10
141-634	141-674	0-1000	0.02/ 0.01"	± 0.07	2.7	150	67	31	24	10
141-634-1	141-674-1	0-1000	0.02/ 0.01"	± 0.09	3.3	200	67	31	24	10
141-635	141-675	0-1000	0.05/1/128"	± 0.10	2.7	150	67	31	24	10
141-635-1	141-675-1	0-1000	0.05/1/128"	± 0.15	3.3	200	67	31	24	10
141-616-0	141-656-0	0-1500	0.02	± 0.11	6.0	150	80	42	24	10
141-616	141-656	0-1500	0.02	± 0.11	6.3	200	80	42	24	10
141-616-2	141-656-2	0-1500	0.02	± 0.15	9.3	300	80	50	24	10
141-617-0	141-657-0	0-1500	0.05	± 0.15	6.0	150	80	42	24	10
141-617	141-657	0-1500	0.05	± 0.15	6.3	200	80	42	24	10
141-617-2	141-657-2	0-1500	0.05	± 0.20	9.3	300	80	50	24	10
141-636-0	141-676-0	0-1500	0.02/ 0.01"	± 0.11	6.0	150	80	42	24	10
141-636	141-676	0-1500	0.02/ 0.01"	± 0.11	6.3	200	80	42	24	10
141-636-2	141-676-2	0-1500	0.02/ 0.01"	± 0.15	9.3	300	80	50	24	10
141-637-0	141-677-0	0-1500	0.05/1/128"	± 0.15	6.0	150	80	42	24	10
141-637	141-677	0-1500	0.05/1/128"	± 0.15	6.3	200	80	42	24	10
141-637-2	141-677-2	0-1500	0.05/1/128"	± 0.20	9.3	300	80	50	24	10
141-618-0	141-658-0	0-2000	0.02	± 0.14	7.3	150	80	42	24	10
141-618	141-658	0-2000	0.02	± 0.14	7.9	200	80	42	24	10
141-618-2	141-658-2	0-2000	0.02	± 0.18	11.1	300	80	50	24	10
141-619-0	141-659-0	0-2000	0.05	± 0.20	7.3	150	80	42	24	10
141-619	141-659	0-2000	0.05	± 0.20	7.9	200	80	42	24	10
141-619-2	141-659-2	0-2000	0.05	± 0.25	11.1	300	80	50	24	10
141-638-0	141-678-0	0-2000	0.02/ 0.01"	± 0.14	7.3	150	80	42	24	10
141-638	141-678	0-2000	0.02/ 0.01"	± 0.14	7.9	200	80	42	24	10
141-638-2	141-678-2	0-2000	0.02/ 0.01"	± 0.18	11.1	300	80	50	24	10
141-639-0	141-679-0	0-2000	0.05/1/128"	± 0.20	7.3	150	80	42	24	10
141-639	141-679	0-2000	0.05/1/128"	± 0.20	7.9	200	80	42	24	10
141-639-2	141-679-2	0-2000	0.05/1/128"	± 0.25	11.1	300	80	50	24	10
141-680	141-840-0	0-2500	0.02	± 0.22	8.3	150	80	50	24	10
141-680-1	141-840	0-2500	0.02	± 0.22	9.0	200	80	50	24	10
141-680-3	141-840-2	0-2500	0.02	± 0.24	12.6	300	80	50	24	10
141-681	141-841-0	0-2500	0.05	± 0.25	8.3	150	80	50	24	10
141-681-1	141-841	0-2500	0.05	± 0.25	9.0	200	80	50	24	10
141-681-3	141-841-2	0-2500	0.05	± 0.30	12.6	300	80	50	24	10
141-690	141-860	0-2500	0.02/ 0.01"	± 0.22	8.3	150	80	50	24	10
141-690-1	141-860-1	0-2500	0.02/ 0.01"	± 0.22	9.0	200	80	50	24	10
141-690-3	141-860-3	0-2500	0.02/ 0.01"	± 0.24	12.6	300	80	50	24	10
141-691	141-861	0-2500	0.05/1/128"	± 0.25	8.3	150	80	50	24	10
141-691-1	141-861-1	0-2500	0.05/1/128"	± 0.25	9.0	200	80	50	24	10
141-691-3	141-861-3	0-2500	0.05/1/128"	± 0.30	12.6	300	80	50	24	10
141-682	141-842	0-3000	0.02	± 0.26	12.8	150	80	50	24	10
141-682-1	141-842-1	0-3000	0.02	± 0.26	13.2	200	80	50	24	10
141-682-3	141-842-2	0-3000	0.02	± 0.28	14.0	300	80	50	24	10
141-683	141-843	0-3000	0.05	± 0.30	12.8	150	80	50	24	10
141-683-1	141-843-1	0-3000	0.05	± 0.30	13.2	200	80	50	24	10
141-683-3	141-843-2	0-3000	0.05	± 0.35	14.0	300	80	50	24	10
141-692	141-862	0-3000	0.02/ 0.01"	± 0.26	12.8	150	80	50	24	10
141-692-1	141-862-1	0-3000	0.02/ 0.01"	± 0.26	13.2	200	80	50	24	10
141-692-3	141-862-2	0-3000	0.02/ 0.01"	± 0.27	14.0	300	80	50	24	10
141-693	141-863	0-3000	0.05/1/128"	± 0.30	12.8	150	80	50	24	10
141-693-1	141-863-1	0-3000	0.05/1/128"	± 0.30	13.2	200	80	50	24	10
141-693-3	141-863-2	0-3000	0.05/1/128"	± 0.35	14.0	300	80	50	24	10

Vernier Caliper with Basic and Inside Measuring Jaws



Mono Block

With fine-adjustment carriage



Open Block

FEATURES

- Nib shaped jaws for ID and OD measurement, carrying upper jaws for ID measurements

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	f mm	e mm
141-176	141-560	0-200	0.02	± 0.03	—	60	38	26	20	12	5
141-176-1	141-560-1	0-200	0.02	± 0.03	—	75	38	26	20	12	5
141-177	141-561	0-200	0.05	± 0.05	—	60	38	26	20	12	5
141-177-1	141-561-1	0-200	0.05	± 0.05	—	75	38	26	20	12	5
141-196	141-580	0-200	0.02/0.001"	± 0.03	—	60	38	26	20	12	5
141-196-1	141-580-1	0-200	0.02/0.001"	± 0.03	—	75	38	26	20	12	5
141-197	141-581	0-200	0.05/1/128"	± 0.05	—	60	38	26	20	12	5
141-197-1	141-581-1	0-200	0.05/1/128"	± 0.05	—	75	38	26	20	12	5
141-178	141-562	0-250	0.02	± 0.03	—	60	38	26	20	12	5
141-178-1	141-562-1	0-250	0.02	± 0.03	—	75	38	26	20	12	5
141-179	141-563	0-250	0.05	± 0.05	—	60	38	26	20	12	5
141-179-1	141-563-1	0-250	0.05	± 0.05	—	75	38	26	20	12	5
141-198	141-582	0-250	0.02/0.001"	± 0.03	—	60	38	26	20	12	5
141-198-1	141-582-1	0-250	0.02/0.001"	± 0.03	—	75	38	26	20	12	5
141-199	141-583	0-250	0.05/1/128"	± 0.05	—	60	38	26	20	12	5
141-199-1	141-583-1	0-250	0.05/1/128"	± 0.05	—	75	38	26	20	12	5
141-180	141S-564	0-300	0.02	± 0.04	—	60	38	26	20	12	5
141-180-1	141S-564-3	0-300	0.02	± 0.04	—	90	42	30	20	12	5
141-181	141S-565	0-300	0.05	± 0.05	—	60	38	26	20	12	5
141-181-1	141S-565-3	0-300	0.05	± 0.05	—	90	42	30	20	12	5
141-200	141S-564E	0-300	0.02/0.001"	± 0.04	—	60	38	26	20	12	5
141-200-1	141S-564E-3	0-300	0.02/0.001"	± 0.04	—	90	42	30	20	12	5
141-201	141S-565E	0-300	0.05/1/128"	± 0.05	—	60	38	26	20	12	5
141-201-1	141S-565E-3	0-300	0.05/1/128"	± 0.05	—	90	42	30	20	12	5
141-182	141-566	0-400	0.02	± 0.04	—	100	46	39	24	18	10
141-182-1	141-566-1	0-400	0.02	± 0.04	—	125	46	39	24	18	10
141-183	141-567	0-400	0.05	± 0.10	—	100	46	39	24	18	10
141-183-1	141-566-1E	0-400	0.05	± 0.10	—	125	46	39	24	18	10
141-202	141-566E	0-400	0.02/0.001"	± 0.04	—	100	46	39	24	18	10
141-202-1	141-567-1	0-400	0.02/0.001"	± 0.04	—	125	46	39	24	18	10
141-203	141-567	0-400	0.05/1/128"	± 0.10	—	100	46	39	24	18	10
141-203-1	141-567-1E	0-400	0.05/1/128"	± 0.10	—	125	46	39	24	18	10
141-184	141-568	0-500	0.02	± 0.05	1.3	100	46	39	24	18	10
141-184-1S	141-568-1S	0-500	0.02	± 0.05	1.3	150	46	39	24	18	10
141-184-2	141-568-2	0-500	0.02	± 0.07	2.2	200	60	51.5	31	24	10
141-185	141-569	0-500	0.05	± 0.10	1.3	100	46	39	24	18	10
141-185-1S	141-569-1S	0-500	0.05	± 0.10	1.3	150	46	39	24	18	10
141-185-2	141-569-2	0-500	0.05	± 0.10	2.2	200	60	51.5	31	24	10
141-204	141-568E	0-500	0.02/0.001"	± 0.05	1.3	100	46	39	24	18	10
141-204-1S	141-568-1SE	0-500	0.02/0.001"	± 0.05	1.3	150	46	39	24	18	10
141-204-2	141-568-2E	0-500	0.02/0.001"	± 0.07	2.2	200	60	51.5	31	24	10
141-205	141-569E	0-500	0.05/1/128"	± 0.10	1.3	100	46	39	24	18	10
141-205-1S	141-569-1SE	0-500	0.05/1/128"	± 0.10	1.3	150	46	39	24	18	10
141-205-2	141-569-2E	0-500	0.05/1/128"	± 0.10	2.2	200	60	51.5	31	24	10
141-186	141-570	0-600	0.02	± 0.05	1.3	100	46	39	24	18	10
141-186-1S	141-570-1S	0-600	0.02	± 0.05	1.3	150	46	39	24	18	10
141-186-2	141-570-2	0-600	0.02	± 0.07	2.5	200	60	51.5	31	24	10
141-187	141-571	0-600	0.05	± 0.10	1.3	100	46	39	24	18	10

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm	f mm	e mm
141-187-1S	141-571-1E	0-600	0.05	± 0.10	1.3	150	46	39	24	18	10
141-187-2	141-571-2	0-600	0.05	± 0.10	2.5	200	60	51.5	31	24	10
141-206	141-570E	0-600	0.02/0.001"	± 0.05	1.3	100	46	39	24	18	10
141-206-1S	141-570-1SE	0-600	0.02/0.001"	± 0.05	1.3	150	46	39	24	18	10
141-206-2	141-570-2E	0-600	0.02/0.001"	± 0.07	2.5	200	60	51.5	31	24	10
141-207	141-571E	0-600	0.05/1/128"	± 0.10	1.3	100	46	39	24	18	10
141-207-1S	141-571-1SE	0-600	0.05/1/128"	± 0.10	1.3	150	46	39	24	18	10
141-207-2	141-571-2E	0-600	0.05/1/128"	± 0.10	2.5	200	60	51.5	31	24	10
141-188	141-572	0-800	0.02	± 0.06	2.6	150	60	51.5	31	24	10
141-188-1	141-572-1	0-800	0.02	± 0.08	2.8	200	60	51.5	31	24	10
141-189	141-573	0-800	0.05	± 0.10	2.6	150	60	51.5	31	24	10
141-189-1	141-573-1	0-800	0.05	± 0.10	2.8	200	60	51.5	31	24	10
141-208	141-572E	0-800	0.02/0.001"	± 0.06	2.6	150	60	51.5	31	24	10
141-208-1	141-572-1E	0-800	0.02/0.001"	± 0.08	2.8	200	60	51.5	31	24	10
141-209	141-573E	0-800	0.05/1/128"	± 0.10	2.6	150	60	51.5	31	24	10
141-209-1	141-573-1E	0-800	0.05/1/128"	± 0.10	2.8	200	60	51.5	31	24	10
141-190	141-574	0-1000	0.02	± 0.07	2.7	150	60	51.5	31	24	10
141-190-1	141-574-1	0-1000	0.02	± 0.09	3.3	200	60	51.5	31	24	10
141-191	141-575	0-1000	0.05	± 0.10	2.7	150	60	51.5	31	24	10
141-191-1	141-575-1	0-1000	0.05	± 0.15	3.3	200	60	51.5	31	24	10
141-210	141-574E	0-1000	0.02/0.001"	± 0.07	2.7	150	60	51.5	31	24	10
141-210-1	141-574-1E	0-1000	0.02/0.001"	± 0.09	3.3	200	60	51.5	31	24	10
141-211	141-575E	0-1000	0.05/1/128"	± 0.10	2.7	150	60	51.5	31	24	10
141-211-1	141-575-1E	0-1000	0.05/1/128"	± 0.15	3.3	200	60	51.5	31	24	10
141-192	141-576	0-1500	0.02	± 0.11	6.0	150	70	60	42	24	10
141-192-1	141-576-1	0-1500	0.02	± 0.11	6.3	200	70	60	42	24	10
141-192-3	141-576-3	0-1500	0.02	± 0.15	9.3	300	70	60	42	24	10
141-193	141-577	0-1500	0.05	± 0.15	6.0	150	70	60	42	24	10
141-193-1	141-577-1	0-1500	0.05	± 0.20	6.3	200	70	60	42	24	10
141-193-3	141-577-3	0-1500	0.05	± 0.20	9.3	300	70	60	42	24	10
141-192E	141-576E	0-1500	0.02/0.001"	± 0.11	6.0	150	70	60	42	24	10
141-192-1E	141-576-1E	0-1500	0.02/0.001"	± 0.11	6.3	200	70	60	42	24	10
141-192-3E	141-576-3E	0-1500	0.02/0.001"	± 0.15	9.3	300	70	60	42	24	10
141-193E	141-577E	0-1500	0.05/1/128"	± 0.15	6.0	150	70	60	42	24	10
141-193-1E	141-577-1E	0-1500	0.05/1/128"	± 0.20	6.3	200	70	60	42	24	10
141-193-3E	141-577-3E	0-1500	0.05/1/128"	± 0.20	9.3	300	70	60	42	24	10
141-194	141-578	0-2000	0.02	± 0.14	7.3	150	70	60	42	24	10
141-194-1	141-578-1	0-2000	0.02	± 0.14	7.9	200	70	60	42	24	10
141-194-3	141-578-3	0-2000	0.02	± 0.20	11.1	300	70	60	42	24	10
141-195	141-579	0-2000	0.05	± 0.20	7.9	150	70	60	42	24	10
141-195-1	141-579-1	0-2000	0.05	± 0.20	7.9	200	70	60	42	24	10
141-195-3	141-579-3	0-2000	0.05	± 0.25	11.1	300	70	60	42	24	10
141-194E	141-578E	0-2000	0.02/0.001"	± 0.14	7.3	150	70	60	42	24	10
141-194-1E	141-578-1E	0-2000	0.02/0.001"	± 0.14	7.9	200	70	60	42	24	10
141-194-3E	141-578-3E	0-2000	0.02/0.001"	± 0.20	11.1	300	70	60	42	24	10
141-195E	141-579E	0-2000	0.05/1/128"	± 0.20	7.3	150	70	60	42	24	10
141-195-1E	141-579-1E	0-2000	0.05/1/128"	± 0.20	7.9	200	70	60	42	24	10
141-195-3E	141-579-3E	0-2000	0.05/1/128"	± 0.25	11.1	300	70	60	42	24	10

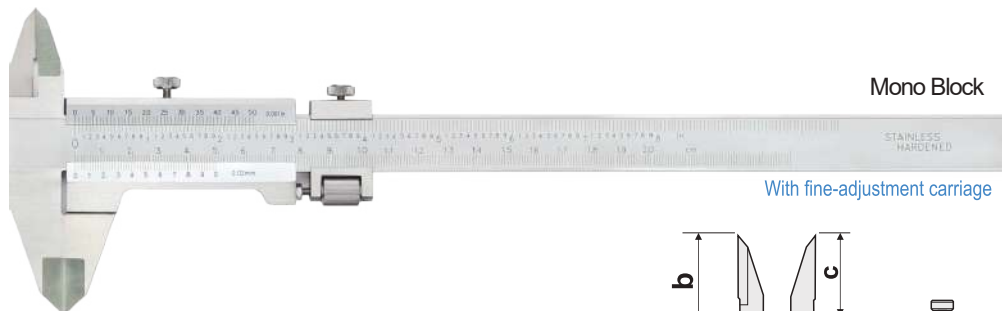


VERNIER CALIPERS

Vernier Caliper with Standard Jaws

GB/T

S/STL
hardened



Mono Block

With fine-adjustment carriage



Open Block

FEATURES

- Easy used for large OD and ID measurements

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm
141-450	141-480	0-200	0.02	± 0.03	—	50	30	24.5	20
141-450-1	141-480-1	0-200	0.02	± 0.03	—	75	30	24.5	20
141-451	141-481	0-200	0.05	± 0.05	—	50	30	24.5	20
141-451-1	141-481-1	0-200	0.05	± 0.05	—	75	30	24.5	20
141-450E	141-480E	0-200	0.02/0.01"	± 0.03	—	50	30	24.5	20
141-450-1E	141-480-1E	0-200	0.02/0.01"	± 0.03	—	75	30	24.5	20
141-451E	141-481E	0-200	0.05/1/128"	± 0.05	—	50	30	24.5	20
141-451-1E	141-481-1E	0-200	0.05/1/128"	± 0.05	—	75	30	24.5	20
141-452	141-482	0-250	0.02	± 0.03	—	60	30	24.5	20
141-452-1	141-482-1	0-250	0.02	± 0.03	—	75	30	24.5	20
141-453	141-483	0-250	0.05	± 0.05	—	60	30	24.5	20
141-453-1	141-483-1	0-250	0.05	± 0.05	—	75	30	24.5	20
141-452E	141-482E	0-250	0.02/0.01"	± 0.03	—	60	30	24.5	20
141-452-1E	141-482-1E	0-250	0.02/0.01"	± 0.03	—	75	30	24.5	20
141-453E	141-483E	0-250	0.05/1/128"	± 0.05	—	60	30	24.5	20
141-453-1E	141-483-1E	0-250	0.05/1/128"	± 0.05	—	75	30	24.5	20
141-454	141-484	0-300	0.02	± 0.04	—	60	30	24.5	20
141-454-1	141-484-1	0-300	0.02	± 0.04	—	90	30	24.5	20
141-455	141-485	0-300	0.05	± 0.05	—	60	30	24.5	20
141-455-1	141-485-1	0-300	0.05	± 0.05	—	90	30	24.5	20
141-454E	141-484E	0-300	0.02/0.01"	± 0.04	—	60	30	24.5	20
141-454-1E	141-484-1E	0-300	0.02/0.01"	± 0.04	—	90	30	24.5	20
141-455E	141-485E	0-300	0.05/1/128"	± 0.05	—	60	30	24.5	20
141-455-1E	141-485-1E	0-300	0.05/1/128"	± 0.05	—	90	30	24.5	20
141-456	141-486	0-400	0.02	± 0.04	—	100	46	39	24
141-456-1	141-486-1	0-400	0.02	± 0.04	—	125	46	39	24
141-457	141-487	0-400	0.05	± 0.10	—	100	46	39	24
141-457-1	141-487-1	0-400	0.05	± 0.10	—	125	46	39	24
141-456E	141-486E	0-400	0.02/0.01"	± 0.04	—	100	46	39	24
141-456-1E	141-486-1E	0-400	0.02/0.01"	± 0.04	—	125	46	39	24
141-457E	141-487E	0-400	0.05/1/128"	± 0.10	—	100	46	39	24
141-457-1E	141-487-1E	0-400	0.05/1/128"	± 0.10	—	125	46	39	24
141-458	141-488	0-500	0.02	± 0.05	1.3	100	46	39	24
141-458-1S	141-488-1S	0-500	0.02	± 0.05	1.3	150	46	39	24
141-458-2	141-488-2	0-500	0.02	± 0.07	2.2	200	60	51.5	31
141-459	141-489	0-500	0.05	± 0.10	1.3	100	46	39	24
141-459-1S	141-489-1S	0-500	0.05	± 0.10	1.3	150	46	39	24
141-459-2	141-489-2	0-500	0.05	± 0.10	2.2	200	60	51.5	31
141-458E	141-488E	0-500	0.02/0.01"	± 0.05	1.3	100	46	39	24
141-458-1SE	141-488-1SE	0-500	0.02/0.01"	± 0.05	1.3	150	46	39	24
141-458-2E	141-488-2E	0-500	0.02/0.01"	± 0.07	2.2	200	60	51.5	31
141-459E	141-489E	0-500	0.05/1/128"	± 0.10	1.3	100	46	39	24
141-459-1SE	141-489-1SE	0-500	0.05/1/128"	± 0.10	1.3	150	46	39	24
141-459-2E	141-489-2E	0-500	0.05/1/128"	± 0.10	2.2	200	60	51.5	31
141-460	141-490	0-600	0.02	± 0.05	1.3	100	46	39	24
141-460-1S	141-490-1S	0-600	0.02	± 0.05	1.3	150	46	39	24
141-460-2	141-490-2	0-600	0.02	± 0.07	2.5	200	60	51.5	31
141-461	141-491	0-600	0.05	± 0.10	1.3	100	46	39	24

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	b mm	c mm	d mm
141-461-1S	141-491-1S	0-600	0.05	± 0.10	1.3	150	46	39	24
141-461-2	141-491-2	0-600	0.05	± 0.10	2.5	200	60	51.5	31
141-460E	141-490E	0-600	0.02/0.01"	± 0.05	1.3	100	46	39	24
141-460-1SE	141-490-1SE	0-600	0.02/0.01"	± 0.05	1.3	150	46	39	24
141-460-2E	141-490-2E	0-600	0.02/0.01"	± 0.07	2.5	200	60	51.5	31
141-461E	141-491E	0-600	0.05/1/128"	± 0.10	1.3	100	46	39	24
141-461-1SE	141-491-1SE	0-600	0.05/1/128"	± 0.10	1.3	150	46	39	24
141-461-2E	141-491-2E	0-600	0.05/1/128"	± 0.10	2.5	200	60	51.5	31
141-462	141-492	0-800	0.02	± 0.06	2.6	150	60	51.5	31
141-462-1	141-492-1	0-800	0.02	± 0.08	2.8	200	60	51.5	31
141-463	141-493	0-800	0.05	± 0.10	2.6	150	60	51.5	31
141-463-1	141-493-1	0-800	0.05	± 0.10	2.8	200	60	51.5	31
141-462E	141-492E	0-800	0.02/0.01"	± 0.06	2.6	150	60	51.5	31
141-462-1E	141-492-1E	0-800	0.02/0.01"	± 0.08	2.8	200	60	51.5	31
141-463E	141-493E	0-800	0.05/1/128"	± 0.10	2.6	150	60	51.5	31
141-463-1E	141-493-1E	0-800	0.05/1/128"	± 0.10	2.8	200	60	51.5	31
141-464	141-494	0-1000	0.02	± 0.07	2.7	150	60	51.5	31
141-464-1	141-494-1	0-1000	0.02	± 0.09	3.3	200	60	51.5	31
141-465	141-495	0-1000	0.05	± 0.10	2.7	150	60	51.5	31
141-465-1	141-495-1	0-1000	0.05	± 0.15	3.3	200	60	51.5	31
141-464E	141-494E	0-1000	0.02/0.01"	± 0.07	2.7	150	60	51.5	31
141-464-1E	141-494-1E	0-1000	0.02/0.01"	± 0.09	3.3	200	60	51.5	31
141-465E	141-495E	0-1000	0.05/1/128"	± 0.10	2.7	150	60	51.5	31
141-465-1E	141-495-1E	0-1000	0.05/1/128"	± 0.15	3.3	200	60	51.5	31
141-466	141-496	0-1500	0.02	± 0.11	6.0	150	70	60	42
141-466-1	141-496-1	0-1500	0.02	± 0.14	6.3	200	70	60	42
141-466-3	141-496-3	0-1500	0.02	± 0.16	9.3	300	70	60	42
141-467	141-497	0-1500	0.05	± 0.15	6.0	150	70	60	42
141-467-1	141-497-1	0-1500	0.05	± 0.20	6.3	200	70	60	42
141-467-3	141-497-3	0-1500	0.05	± 0.20	9.3	300	70	60	42
141-466E	141-496E	0-1500	0.02/0.01"	± 0.11	6.0	150	70	60	42
141-466-1E	141-496-1E	0-1500	0.02/0.01"	± 0.14	6.3	200	70	60	42
141-466-3E	141-496-3E	0-1500	0.02/0.01"	± 0.16	9.3	300	70	60	42
141-467E	141-497E	0-1500	0.05/1/128"	± 0.15	6.0	150	70	60	42
141-467-1E	141-497-1E	0-1500	0.05/1/128"	± 0.20	6.3	200	70	60	42
141-467-3E	141-497-3E	0-1500	0.05/1/128"	± 0.20	9.3	300	70	60	42
141-468	141-498	0-2000	0.02	± 0.14	7.3	150	70	60	42
141-468-1	141-498-1	0-2000	0.02	± 0.14	7.9	200	70	60	42
141-468-3	141-498-3	0-2000	0.02	± 0.24	11.1	300	70	60	42
141-469	141-499	0-2000	0.05	± 0.20	7.3	150	70	60	42
141-469-1	141-499-1	0-2000	0.05	± 0.20	7.9	200	70	60	42
141-469-3	141-499-3	0-2000	0.05	± 0.30	11.1	300	70	60	42
141-468E	141-498E	0-2000	0.02/0.01"	± 0.14	7.3	150	70	60	42
141-468-1E	141-498-1E	0-2000	0.02/0.01"	± 0.14	7.9	200	70	60	42
141-468-3E	141-498-3E	0-2000	0.02/0.01"	± 0.24	11.1	300	70	60	42
141-469E	141-499E	0-2000	0.05/1/128"	± 0.20	7.3	150	70	60	42
141-469-1E	141-499-1E	0-2000	0.05/1/128"	± 0.20	7.9	200	70	60	42
141-469-3E	141-499-3E	0-2000	0.05/1/128"	± 0.30	11.1	300	70	60	42

Vernier Caliper with Basic Jaws

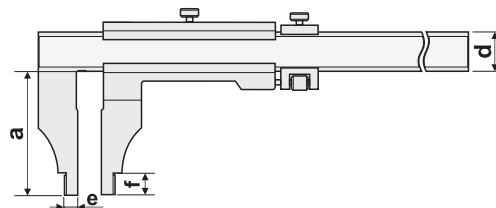


Open Block



Mono Block

With fine-adjustment carriage



FEATURES

- Nib shaped jaws for ID and OD measurements

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	d mm	f mm	e mm
141-700	141-740	0-200	0.02	± 0.03	—	65	20	12	5
141-700-1	141-740-1	0-200	0.02	± 0.03	—	80	20	12	5
141-701	141-741	0-200	0.05	± 0.05	—	65	20	12	5
141-701-1	141-741-1	0-200	0.05	± 0.05	—	80	20	12	5
141-720	141-760	0-200	0.02/ .001"	± 0.03	—	65	20	12	5
141-720-1	141-760-1	0-200	0.02/ .001"	± 0.03	—	80	20	12	5
141-721	141-761	0-200	0.05/1/128"	± 0.05	—	65	20	12	5
141-721-1	141-761-1	0-200	0.05/1/128"	± 0.05	—	80	20	12	5
141-702	141-742	0-250	0.02	± 0.03	—	65	20	12	5
141-702-1	141-742-1	0-250	0.02	± 0.03	—	80	20	12	5
141-703	141-743	0-250	0.05	± 0.05	—	65	20	12	5
141-703-1	141-743-1	0-250	0.05	± 0.05	—	80	20	12	5
141-722	141-762	0-250	0.02/ .001"	± 0.03	—	65	20	12	5
141-722-1	141-762-1	0-250	0.02/ .001"	± 0.03	—	80	20	12	5
141-723	141-763	0-250	0.05/1/128"	± 0.05	—	65	20	12	5
141-723-1	141-763-1	0-250	0.05/1/128"	± 0.05	—	80	20	12	5
141-704	141-744	0-300	0.02	± 0.04	—	65	20	12	5
141-704-1	141-744-1	0-300	0.02	± 0.04	—	90	20	12	5
141-705	141-745	0-300	0.05	± 0.05	—	65	20	12	5
141-705-1	141-745-1	0-300	0.05	± 0.05	—	90	20	12	5
141-724	141-764	0-300	0.02/ .001"	± 0.04	—	65	20	12	5
141-724-1	141-764-1	0-300	0.02/ .001"	± 0.04	—	90	20	12	5
141-725	141-765	0-300	0.05/1/128"	± 0.05	—	65	20	12	5
141-725-1	141-765-1	0-300	0.05/1/128"	± 0.05	—	90	20	12	5
141-706	141-746	0-400	0.02	± 0.04	—	100	24	18	10
141-706-1	141-746-1	0-400	0.02	± 0.04	—	125	24	18	10
141-707	141-747	0-400	0.05	± 0.10	—	100	24	18	10
141-707-1	141-747-1	0-400	0.05	± 0.10	—	125	24	18	10
141-726	141-766	0-400	0.02/ .001"	± 0.04	—	100	24	18	10
141-726-1	141-766-1	0-400	0.02/ .001"	± 0.04	—	125	24	18	10
141-727	141-767	0-400	0.05/1/128"	± 0.10	—	100	24	18	10
141-727-1	141-767-1	0-400	0.05/1/128"	± 0.10	—	125	24	18	10
141-708	141-748	0-500	0.02	± 0.05	1.3	100	24	18	10
—	141-748A	10-500	0.02	± 0.05	1.3	100	24	18	5
141-708-1S	141-748-1S	0-500	0.02	± 0.05	1.3	150	24	18	10
141-708-2	141-748-2	0-500	0.02	± 0.07	2.2	200	31	24	10
141-709	141-749	0-500	0.05	± 0.10	1.3	100	24	18	10
141-709-1S	141-749-1S	0-500	0.05	± 0.10	1.3	150	24	18	10
141-709-2	141-749-2	0-500	0.05	± 0.10	2.2	200	31	24	10
141-728	141-768	0-500	0.02/ .001"	± 0.05	1.3	100	24	18	10
141-728-1S	141-768-1S	0-500	0.02/ .001"	± 0.05	1.3	150	24	18	10
141-728-2	141-768-2	0-500	0.02/ .001"	± 0.07	2.2	200	31	24	10
141-729	141-769	0-500	0.05/1/128"	± 0.10	1.3	100	24	18	10
141-729-1S	141-769-1S	0-500	0.05/1/128"	± 0.10	1.3	150	24	18	10
141-729-2	141-769-2	0-500	0.05/1/128"	± 0.10	2.2	200	31	24	10
141-710	141-750	0-600	0.02	± 0.05	1.3	100	24	18	10
—	141-750A	10-600	0.02	± 0.05	1.3	100	24	18	5
141-710-1S	141-750-1S	0-600	0.02	± 0.05	1.3	150	24	18	10
141-710-2	141-750-2	0-600	0.02	± 0.07	2.5	200	31	24	10
141-711	141-751	0-600	0.05	± 0.10	1.3	100	24	18	10
141-711-1S	141-751-1S	0-600	0.05	± 0.10	1.3	150	24	18	10
141-711-2	141-751-2	0-600	0.05	± 0.10	2.5	200	31	24	10
141-730	141-770	0-600	0.02/ .001"	± 0.05	1.3	100	24	18	10
141-730-1S	141-770-1S	0-600	0.02/ .001"	± 0.05	1.3	150	24	18	10
141-730-2	141-770-2	0-600	0.02/ .001"	± 0.07	2.5	200	31	24	10
141-731	141-771	0-600	0.05/1/128"	± 0.10	1.3	100	24	18	10
141-731-1S	141-771-1S	0-600	0.05/1/128"	± 0.10	1.3	150	24	18	10
141-731-2	141-771-2	0-600	0.05/1/128"	± 0.10	2.5	200	31	24	10
141-712	141-752	0-800	0.02	± 0.06	2.6	150	31	24	10
141-712-1	141-752-1	0-800	0.02	± 0.08	2.8	200	31	24	10
141-713	141-753	0-800	0.05	± 0.10	2.6	150	31	24	10
141-731-1	141-753-1	0-800	0.05	± 0.10	2.8	200	31	24	10
141-732	141-772	0-800	0.02/ .001"	± 0.06	2.6	150	31	24	10
141-732-1	141-772-1	0-800	0.02/ .001"	± 0.08	2.8	200	31	24	10
141-733	141-773	0-800	0.05/1/128"	± 0.10	2.6	150	31	24	10
141-733-1	141-773-1	0-800	0.05/1/128"	± 0.10	2.8	200	31	24	10
141-714	141-754	0-1000	0.02	± 0.07	2.7	150	31	24	10

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	a mm	d mm	f mm	e mm
141-714-1	141-754-1	0-1000	0.02	±0.09	3.3	200	31	24	10
141-715	141-755	0-1000	0.05	±0.10	2.7	150	31	24	10
141-715-1	141-755-1	0-1000	0.05	±0.15	3.3	200	31	24	10
141-734	141-774	0-1000	0.02/.001"	±0.07	2.7	150	31	24	10
141-734-1	141-774-1	0-1000	0.02/.001"	±0.09	3.3	200	31	24	10
141-735	141-775	0-1000	0.05/1/128"	±0.10	2.7	150	31	24	10
141-735-1	141-775-1	0-1000	0.05/1/128"	±0.15	3.3	200	31	24	10
141-716	141-756	0-1500	0.02	±0.11	6.0	150	42	24	10
141-716-1	141-756-1	0-1500	0.02	±0.11	6.3	200	42	24	10
141-716-3	141-756-3	0-1500	0.02	±0.15	9.3	300	50	24	10
141-717	141-757	0-1500	0.05	±0.15	6.0	150	42	24	10
141-717-1	141-757-1	0-1500	0.05	±0.20	6.3	200	42	24	10
141-717-3	141-757-3	0-1500	0.05	±0.20	9.3	300	50	24	10
141-736	141-776	0-1500	0.02/.001"	±0.11	6.0	150	42	24	10
141-736-1	141-776-1	0-1500	0.02/.001"	±0.11	6.3	200	42	24	10
141-736-3	141-776-3	0-1500	0.02/.001"	±0.15	9.3	300	50	24	10
141-737	141-777	0-1500	0.05/1/128"	±0.15	6.0	150	42	24	10
141-737-1	141-777-1	0-1500	0.05/1/128"	±0.20	6.3	200	42	24	10
141-737-3	141-777-3	0-1500	0.05/1/128"	±0.20	9.3	300	50	24	10
141-718	141-758	0-2000	0.02	±0.14	7.3	150	42	24	10
141-718-1	141-758-1	0-2000	0.02	±0.14	7.9	200	42	24	10
141-718-3	141-758-3	0-2000	0.02	±0.18	11.1	300	50	24	10
141-719	141-759	0-2000	0.05	±0.20	7.3	150	42	24	10
141-719-1	141-759-1	0-2000	0.05	±0.20	7.9	200	42	24	10
141-719-3	141-759-3	0-2000	0.05	±0.25	11.1	300	50	24	10
141-738	141-778	0-2000	0.02/.001"	±0.14	7.3	150	42	24	10
141-738-1	141-778-1	0-2000	0.02/.001"	±0.14	7.9	200	42	24	10
141-738-3	141-778-3	0-2000	0.02/.001"	±0.18	11.1	300	50	24	10
141-739	141-779	0-2000	0.05/1/128"	±0.20	7.3	150	42	24	10
141-739-1	141-779-1	0-2000	0.05/1/128"	±0.20	7.9	200	42	24	10
141-739-3	141-779-3	0-2000	0.05/1/128"	±0.25	11.1	300	50	24	10
141-780	141-800	0-2500	0.02	±0.22	8.3	150	50	24	10
141-780-1	141-800-1	0-2500	0.02	±0.22	9.0	200	50	24	10
141-780-3	141-800-3	0-2500	0.02	±0.24	12.6	300	50	24	10
141-781	141-801	0-2500	0.05	±0.25	8.3	150	50	24	10
141-781-1	141-801-1	0-2500	0.05	±0.25	9.0	200	50	24	10
141-781-3	141-801-3	0-2500	0.05	±0.30	12.6	300	50	24	10
141-790	141-810	0-2500	0.02/.001"	±0.22	8.3	150	50	24	10
141-790-1	141-810-1	0-2500	0.02/.001"	±0.22	9.0	200	50	24	10
141-790-3	141-810-3	0-2500	0.02/.001"	±0.24	12.6	300	50	24	10
141-791	141-811	0-2500	0.05/1/128"	±0.25	8.3	150	50	24	10
141-791-1	141-811-1	0-2500	0.05/1/128"	±0.25	9.0	200	50	24	10
141-791-3	141-811-3	0-2500	0.05/1/128"	±0.30	12.6	300	50	24	10
141-782	141-802	0-3000	0.02	±0.26	12.8	150	50	24	10
141-782-1	141-802-1	0-3000	0.02	±0.26	13.2	200	50	24	10
141-782-3	141-802-3	0-3000	0.02	±0.28	14.0	300	50	24	10
141-783	141-803	0-3000	0.05	±0.30	12.8	150	50	24	10
141-783-1	141-803-1	0-3000	0.05	±0.30	13.2	200	50	24	10
141-783-3	141-803-3	0-3000	0.05	±0.35	14.0	300	50	24	10
141-792	141-812	0-3000	0.02/.001"	±0.26	12.8	150	50	24	10
141-792-1	141-812-1	0-3000	0.02/.001"	±0.26	13.2	200	50	24	10
141-792-3	141-812-3	0-3000	0.02/.001"	±0.28	14.0	300	50	24	10
141-793	141-813	0-3000	0.05/1/128"	±0.30	12.8	150	50	24	10
141-793-1	141-813-1	0-3000	0.05/1/128"	±0.30	13.2	200	50	24	10
141-793-3	141-813-3	0-3000	0.05/1/128"	±0.35	14.0	300	50	24	10
141-786	141-804	0-4000	0.02	±0.34	16.1	200	50	24	10
141-786-1	141-804-1	0-4000	0.02	±0.34	16.5	250	50	24	10
141-786-2	141-804-2	0-4000	0.02	±0.34	16.9	300	50	24	10
141-787	141-805	0-4000	0.05	±0.40	16.1	200	50	24	10
141-787-1	141-805-1	0-4000	0.05	±0.40	16.5	250	50	24	10
141-787-2	141-805-2	0-4000	0.05	±0.40	16.9	300	50	24	10
141-796	141-814	0-4000	0.02/.001"	±0.34	16.1	200	50	24	10
141-796-1	141-814-1	0-4000	0.02/.001"	±0.34	16.5	250	50	24	10
141-796-2	141-814-2	0-4000	0.02/.001"	±0.34	16.9	300	50	24	10
141-797	141-815	0-4000	0.05/1/128"	±0.40	16.1	200	50	24	10
141-797-1	141-815-1	0-4000	0.05/1/128"	±0.40	16.5	250	50	24	10
141-797-2	141-815-2	0-4000	0.05/1/128"	±0.40	16.9	300	50	24	10



DIAL CALIPERS

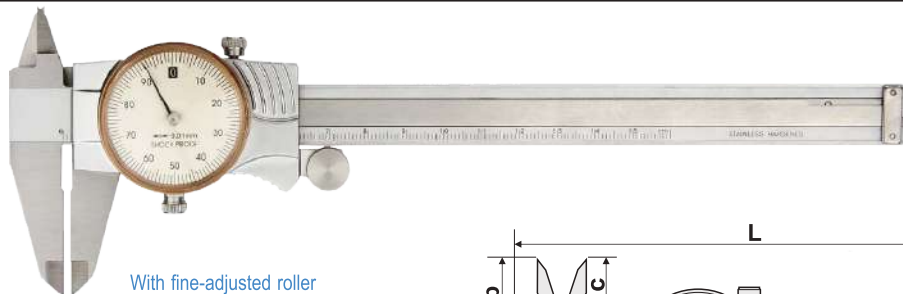


SINCERITY & TECHNOLOGY

Dial Caliper

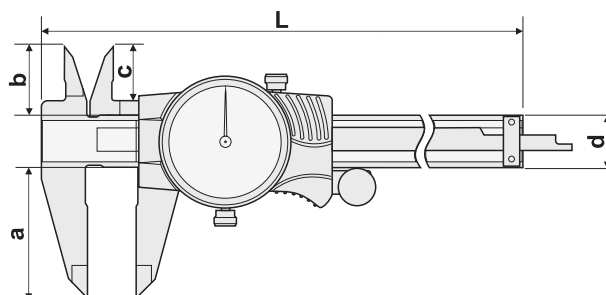
GB/T

S/STL
hardened



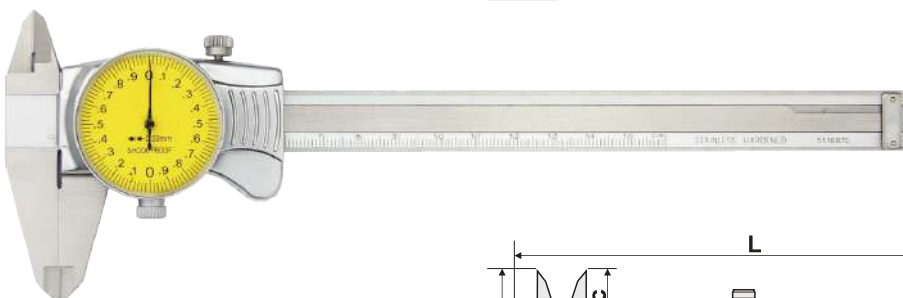
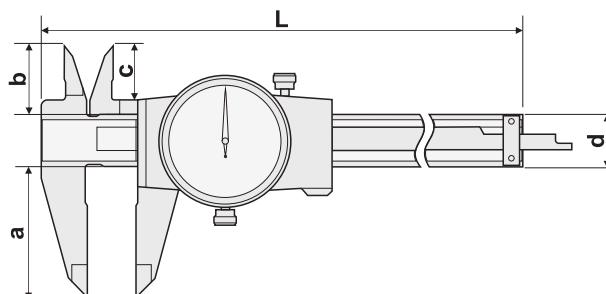
With fine-adjusted roller

Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
171-122A2G	0-150	0.01	± 0.03	1	236	40	21	16.5	16
171-124A2G	0-200	0.01	± 0.03	1	286	50	24	19.5	16
171-126A2G	0-300	0.01	± 0.04	1	400	60	25	18.5	17
171-132A2G	0-150	0.02	± 0.03	2	236	40	21	16.5	16
171-134A2G	0-200	0.02	± 0.03	2	286	50	24	19.5	16
171-136A2G	0-300	0.02	± 0.04	2	400	60	25	18.5	17

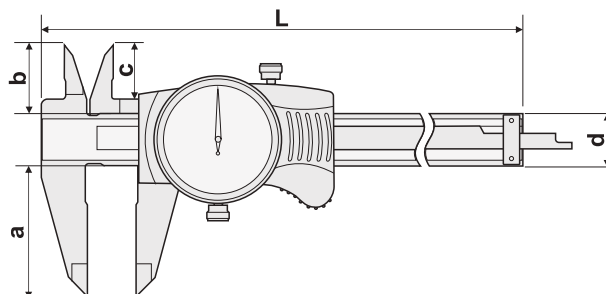


Mono Block

Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
171-122A	0-150	0.01	± 0.03	1	236	40	21	16.5	16
171-124A	0-200	0.01	± 0.03	1	286	50	24	19.5	16
171-126A	0-300	0.01	± 0.04	1	400	60	25	18.5	17
171-132A	0-150	0.02	± 0.03	2	236	40	21	16.5	16
171-134A	0-200	0.02	± 0.03	2	286	50	24	19.5	16
171-136A	0-300	0.02	± 0.04	2	400	60	25	18.5	17



Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
171-122A1	0-150	0.01	± 0.03	1	236	40	21	16.5	16
171-124A1	0-200	0.01	± 0.03	1	286	50	24	19.5	16
171-126A1	0-300	0.01	± 0.04	1	400	60	25	18.5	17
171-132A1	0-150	0.02	± 0.03	2	236	40	21	16.5	16
171-134A1	0-200	0.02	± 0.03	2	286	50	24	19.5	16
171-136A1	0-300	0.02	± 0.04	2	400	60	25	18.5	17



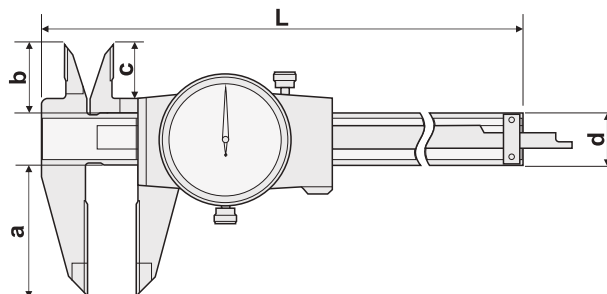
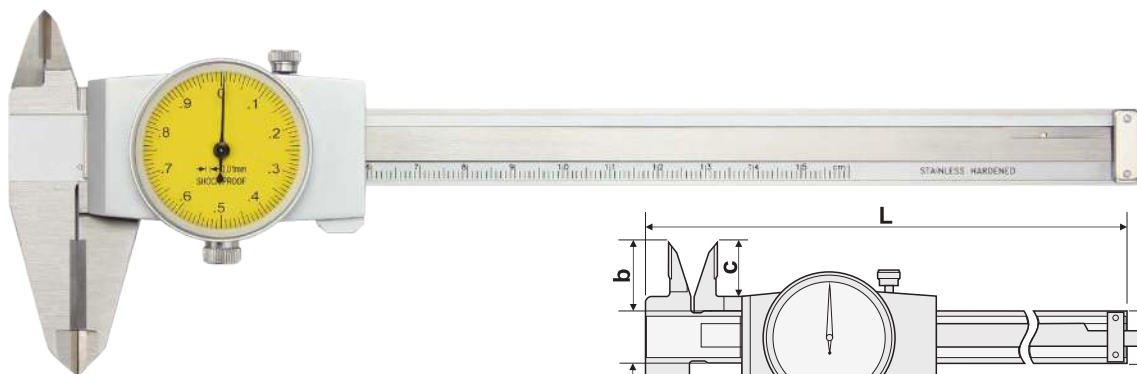
FEATURES

- Shockproof, stable performance
- Metal casing, no cracking in low temperature environment
- Clear, direct and accurate reading
- Used for OD, ID, depth and step measurements



DIAL CALIPERS

Dial Caliper with Carbide-tipped Jaws

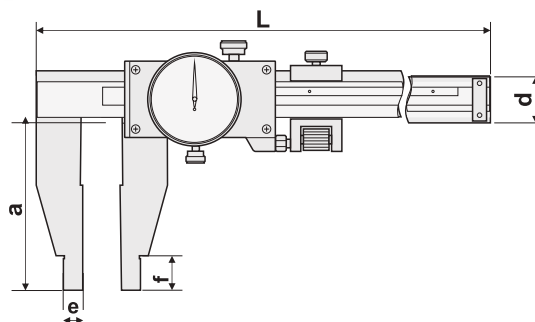
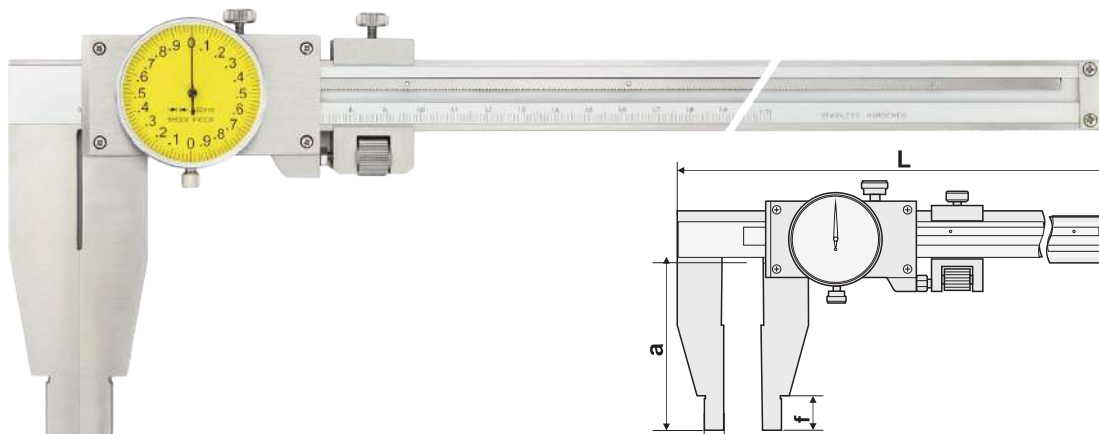


FEATURES

- With durable carbide tips
- Clear, direct and accurate reading
- Used for OD, ID, depth and step measurements

Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
171-222A	0-150	0.01	± 0.03	1	236	40	21	16.5	16
171-224A	0-200	0.01	± 0.03	1	286	50	24	19.5	16
171-226A	0-300	0.01	± 0.04	1	400	60	25	18.5	17
171-232A	0-150	0.02	± 0.03	2	236	40	21	16.5	16
171-234A	0-200	0.02	± 0.03	2	286	50	24	19.5	16
171-236A	0-300	0.02	± 0.04	2	400	60	25	18.5	17

Dial Caliper with Basic Jaws



FEATURES

- Clear, direct and accurate reading
- Nib style jaws for accurate inner hole and inside groove measurement

Code No.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	Weight kg	L mm	a mm	d mm	e mm	f mm
171-148	0-500	0.02	±0.05	2	0.9	650	90	21	10	18
171-148A	10-500	0.02	±0.05	2	0.9	650	90	21	5	18
171-150	0-600	0.02	±0.05	2	1.0	750	90	21	10	18
171-150A	10-600	0.02	±0.05	2	1.0	750	90	21	5	18
171-154	0-1000	0.02	±0.07	2	2.3	1190	150	28	10	24
171-158	0-1500	0.02	±0.11	2	4.2	1690	150	28	10	24

D

DEPTH GAUGES



SINCERITY & TECHNOLOGY



DEPTH GAUGES

Bluetooth Digital Depth Gauge

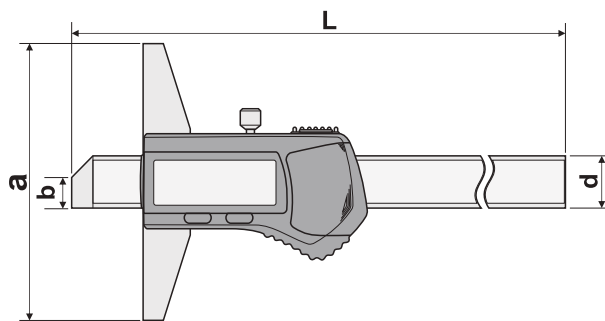


NEW



Auto power-off

Resolution:0.01mm

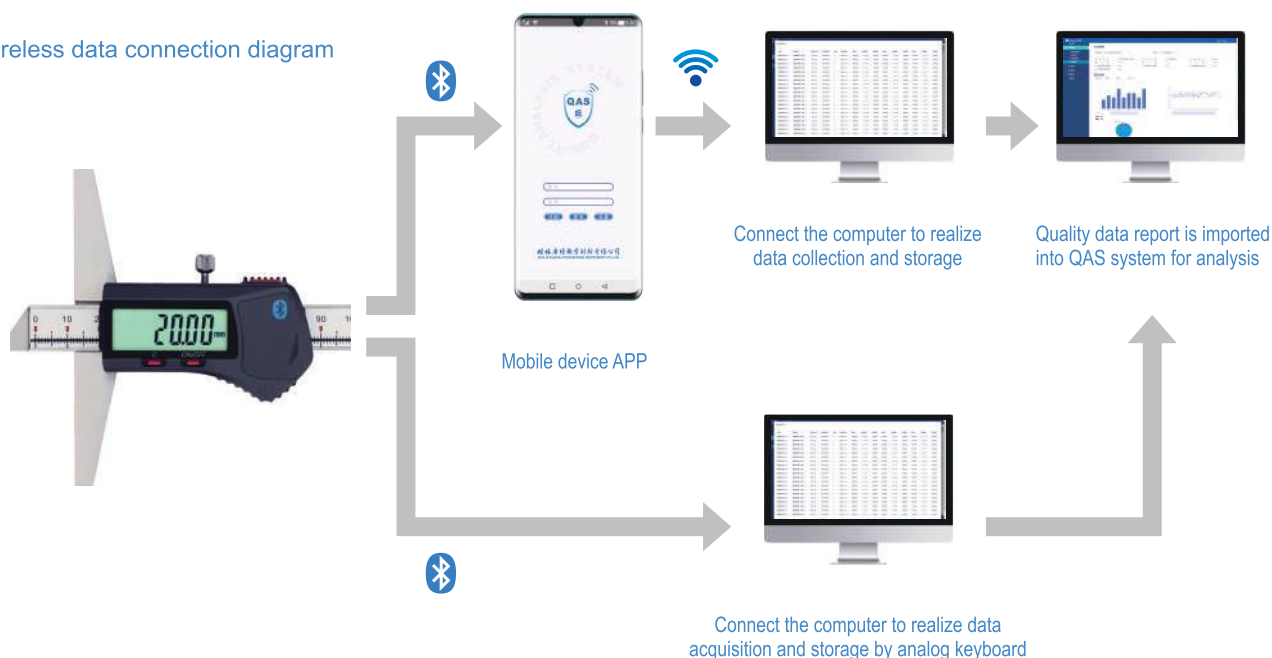


FEATURES

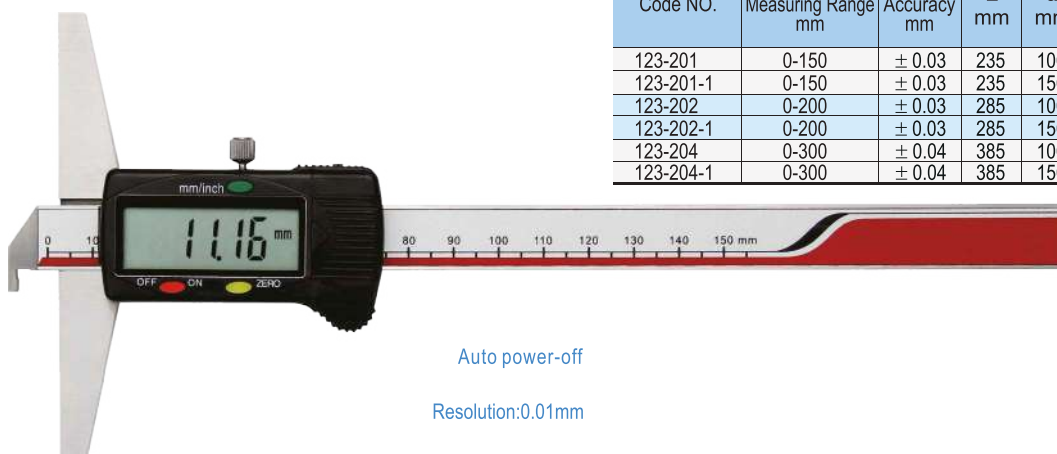
- Used for depth and step measurements
- Built-in Bluetooth, measurement data can be transmitted to mobile phones, tablets and computers
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory
- Transmission distance ≤ 10 m(open land); ≤ 7 m(industrial environment)

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
121-201BT	0-150	± 0.03	235	100	6	14.5
121-202BT	0-200	± 0.03	285	100	6	14.5
121-204BT	0-300	± 0.04	385	100	6	14.5

Wireless data connection diagram



Digital Depth Gauge with Single Hook



Auto power-off

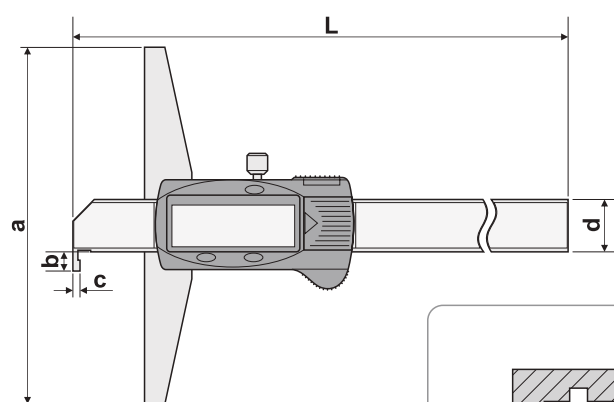
Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
123-201	0-150	± 0.03	235	100	5	2	14.5
123-201-1	0-150	± 0.03	235	150	5	2	14.5
123-202	0-200	± 0.03	285	100	5	2	14.5
123-202-1	0-200	± 0.03	285	150	5	2	14.5
123-204	0-300	± 0.04	385	100	5	2	14.5
123-204-1	0-300	± 0.04	385	150	5	2	14.5

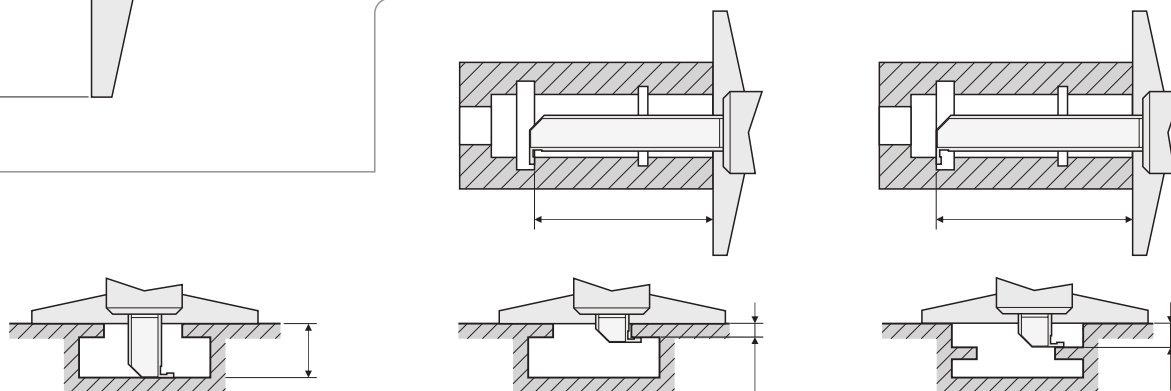


FEATURES

- Used for grooves, depth and width measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



Code NO.	Measuring Range mm	Accuracy mm	Weight kg	L mm	a mm	b mm	c mm	d mm
123-101*1*3	0-150	± 0.03	—	230	100	3	1	14.5
123-101-1*1	0-150	± 0.03	—	230	150	3	1	14.5
123-102*1	0-200	± 0.03	—	280	100	3	1	14.5
123-102-1*1	0-200	± 0.03	—	280	150	3	1	14.5
123-104*1	0-300	± 0.04	—	380	100	3	1	14.5
123-104-1*1	0-300	± 0.04	—	380	150	3	1	14.5
123-105	0-500	± 0.05	0.4	585	120	8	3	15
123-105-1	0-500	± 0.05	0.4	585	150	8	3	15
123-105-2	0-500	± 0.05	0.5	585	200	8	3	15
123-106	0-600	± 0.05	0.5	685	120	8	3	15
123-106-1	0-600	± 0.05	0.5	685	150	8	3	15
123-106-2	0-600	± 0.05	0.6	685	200	8	3	15
123-107	0-800	± 0.06	1.5	988	150	10	4	18
123-107-1	0-800	± 0.06	1.6	988	200	10	4	18
123-107-2	0-800	± 0.06	1.7	988	250	10	4	18
123-108	0-1000	± 0.07	1.7	1188	150	10	4	18
123-108-1	0-1000	± 0.07	1.8	1188	200	10	4	18
123-108-2	0-1000	± 0.07	1.9	1188	250	10	4	18





DEPTH GAUGES

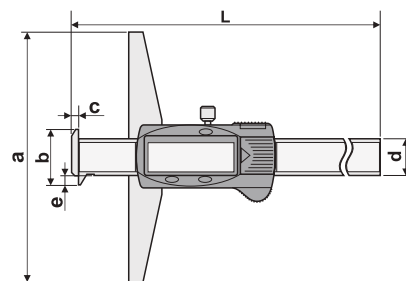
Digital Depth Gauge with Double Hooks

GB/T

S/STL
hardened



SPC



Auto power-off

Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	L mm	a mm	b mm	c mm	d mm	e mm
123-131	0-150	± 0.03	—	237.5	100	21.5	2.5	14.5	3.5
123-131-1	0-150	± 0.03	—	237.5	150	21.5	2.5	14.5	3.5
123-132	0-200	± 0.03	—	287.5	100	21.5	2.5	14.5	3.5
123-132-1	0-200	± 0.03	—	287.5	150	21.5	2.5	14.5	3.5
123-133	0-300	± 0.04	—	387.5	100	21.5	2.5	14.5	3.5
123-133-1	0-300	± 0.04	—	387.5	150	21.5	2.5	14.5	3.5
123-135	0-500	± 0.05	0.4	588	120	25	3	15	4
123-135-1	0-500	± 0.05	0.4	588	150	25	3	15	4
123-135-2	0-500	± 0.05	0.5	588	200	25	3	15	4
123-136	0-600	± 0.05	0.5	688	120	25	3	15	4
123-136-1	0-600	± 0.05	0.5	688	150	25	3	15	4
123-136-2	0-600	± 0.05	0.6	688	200	25	3	15	4
123-137	0-800	± 0.06	1.5	992	150	32	4	18	7
123-137-1	0-800	± 0.06	1.6	992	200	32	4	18	7
123-137-2	0-800	± 0.06	1.7	992	250	32	4	18	7
123-138	0-1000	± 0.07	1.7	1192	150	32	4	18	7
123-138-1	0-1000	± 0.07	1.8	1192	200	32	4	18	7
123-138-2	0-1000	± 0.07	1.9	1192	250	32	4	18	7

FEATURES

- Used for depth and step measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

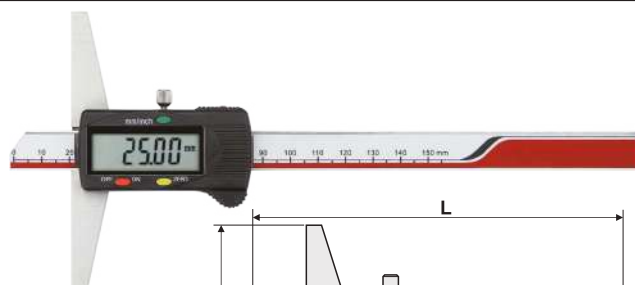
Digital Depth Gauge

GB/T

S/STL
hardened

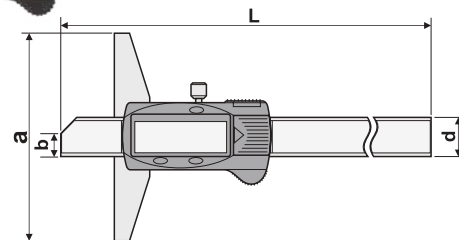


SPC



Auto power-off

Resolution:0.01mm



FEATURES

- Used for depth and step measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

货号 Code NO.	测量范围 Measuring Range mm	精度 Accuracy mm	L mm	a mm	b mm	d mm
121-201	0-150	± 0.03	235	100	6	14.5
121-201-1	0-150	± 0.03	235	150	6	14.5
121-202	0-200	± 0.03	285	100	6	14.5
121-202-1	0-200	± 0.03	285	150	6	14.5
121-203	0-250	± 0.03	335	100	6	14.5
121-203-1	0-250	± 0.03	335	150	6	14.5
121-204	0-300	± 0.04	385	100	6	14.5
121-204-1	0-300	± 0.04	385	150	6	14.5

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	L mm	a mm	b mm	d mm
121-105	0-500	± 0.05	0.4	585	120	7	15
121-105-1	0-500	± 0.05	0.4	585	150	7	15
121-105-2	0-500	± 0.05	0.5	585	200	7	15
121-106	0-600	± 0.05	0.5	685	120	7	15
121-106-1	0-600	± 0.05	0.5	685	150	7	15
121-106-2	0-600	± 0.05	0.6	685	200	7	15
121-107	0-800	± 0.06	1.5	988	150	7	18
121-107-1	0-800	± 0.06	1.6	988	200	7	18
121-107-2	0-800	± 0.06	1.7	988	250	7	18
121-108	0-1000	± 0.07	1.7	1188	150	7	18
121-108-1	0-1000	± 0.07	1.8	1188	200	7	18
121-108-2	0-1000	± 0.07	1.9	1188	250	7	18
121-108-3	0-1000	± 0.07	2.0	1188	300	7	18

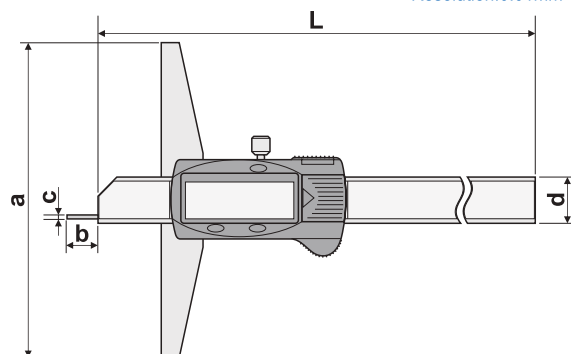
针测头数显深度尺

Needle Digital Depth Gauge



Auto power-off

Resolution: 0.01mm



FEATURES

- Used for measuring depth of small hole and step
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

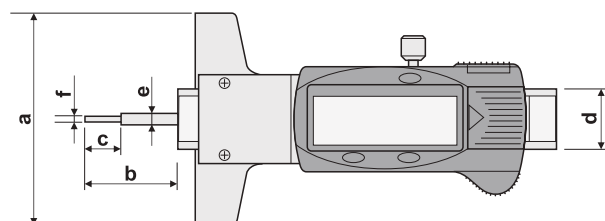
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
127-101	0-150	± 0.03	230	100	6	Ø1.5	14.5
127-102	0-200	± 0.03	280	100	6	Ø1.5	14.5
127-103	0-300	± 0.04	380	100	6	Ø1.5	14.5

Thread Digital Depth Gauge



Auto power-off

Resolution: 0.01mm



FEATURES

- Used for measuring the tire thread depth
- Easy to carry
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	a mm	b mm	c mm	d mm	e mm	f mm
125-101	0-25	± 0.02	60	26	10	16	Ø3	Ø1.5



Digital Depth Gauge with Adjustable Extension Base

S/STL
hardened

SPC

FEATURES

- Used for grooves depth and width measurements
- The depth gage can move on the adjustable base, more convenient for measurement.
- Optional adjustable extension bases
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Data hold
- With preset function
- Tolerances setting
- Mm/inch conversion at any position

Adjustable Extension Base

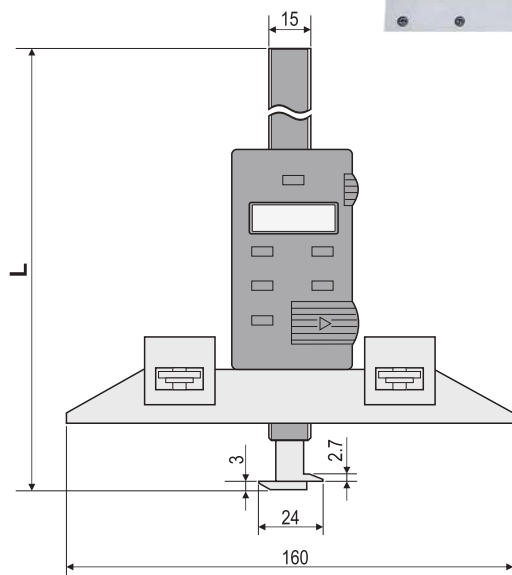


Adjustable Extension Base

Code NO.	A mm
721-501	300
721-502	400
721-503	500
721-504	600
721-505	800

Auto power-off

Resolution:0.01mm



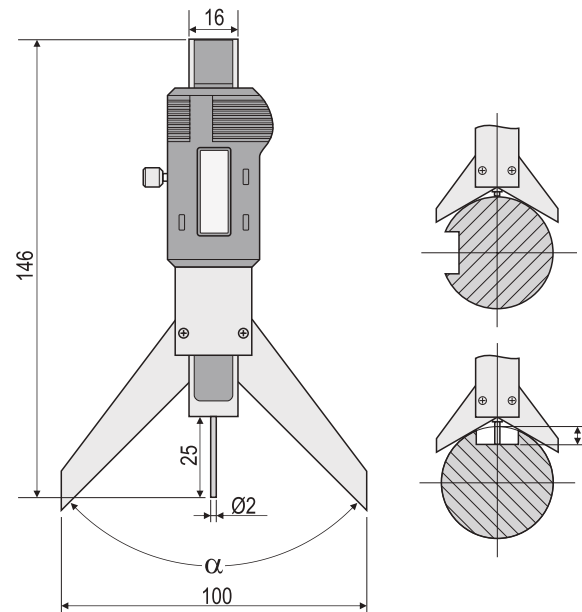
Code NO.	Measuring Range mm	Accuracy mm	L mm
124-103	0-300	± 0.04	476
124-104	0-400	± 0.04	576
124-105	0-500	± 0.05	676
124-106	0-600	± 0.05	776



Digital Depth Gauge for Keyway



Resolution: 0.01mm

**FEATURES**

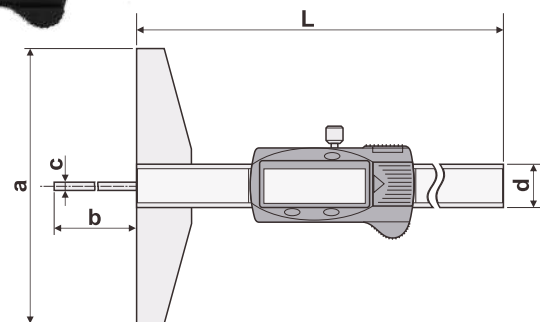
- Special for keyway depth measurements
- Easy to carry
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	Diameter of Axle mm	α
126-104	0-50	± 0.03	$\varnothing 5\text{-}\varnothing 140$	90°
126-105	0-50	± 0.03	$\varnothing 5\text{-}\varnothing 200$	120°

Digital Depth Gauge with Slender Rod



Resolution: 0.01mm

**FEATURES**

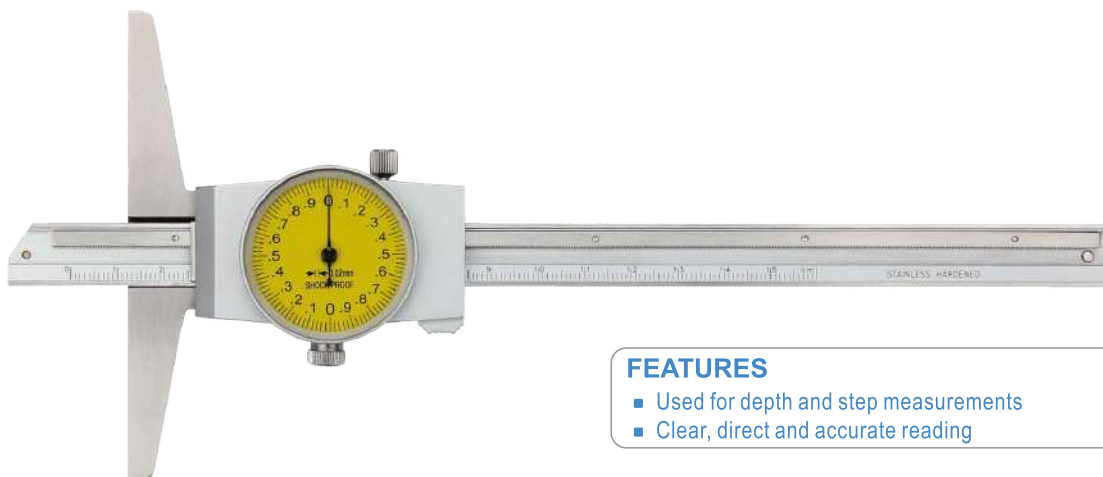
- Power on/off
- Zero-setting at any position
- Units conversion
- Data output
- Depth measurement of slender bores
- Measuring head: $\varnothing 3\text{mm}$

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
121-700	0-100	± 0.04	195	100	105	$\varnothing 3$	16
121-700-1	0-100	± 0.04	195	150	105	$\varnothing 3$	16
121-701	0-150	± 0.04	245	100	155	$\varnothing 3$	16
121-701-1	0-150	± 0.04	245	150	155	$\varnothing 3$	16
121-702	0-200	± 0.05	295	100	205	$\varnothing 3$	16
121-702-1	0-200	± 0.05	295	150	205	$\varnothing 3$	16



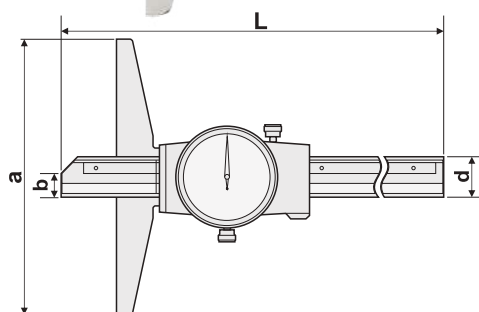
DEPTH GAUGES

Dial Depth Gauge



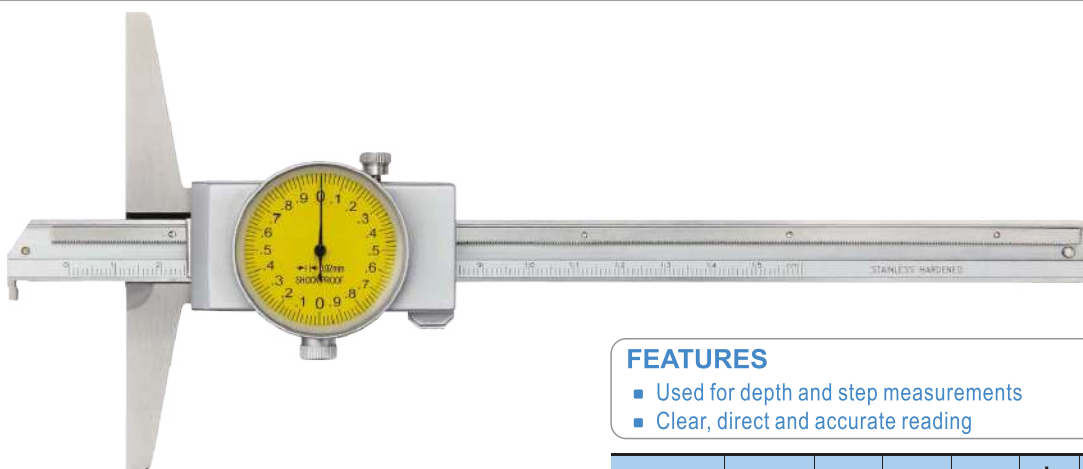
FEATURES

- Used for depth and step measurements
- Clear, direct and accurate reading



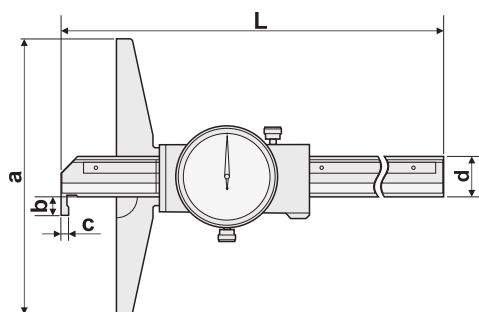
Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	d mm
181-132A	0-150	0.02	± 0.03	1	236	100	4.6	13.5
181-132-1A	0-150	0.02	± 0.03	1	236	150	4.6	13.5
181-134A	0-200	0.02	± 0.03	1	286	100	4.6	13.5
181-134-1A	0-200	0.02	± 0.03	2	286	150	4.6	13.5
181-136A	0-300	0.02	± 0.04	2	380	100	4.6	14
181-136-2A	0-300	0.02	± 0.04	2	380	150	4.6	14
181-138A	0-500	0.02	± 0.05	2	585	150	6	16
181-138A-1	0-500	0.02	± 0.05	2	585	200	6	16

Dial Depth Gauge with Single Hook



FEATURES

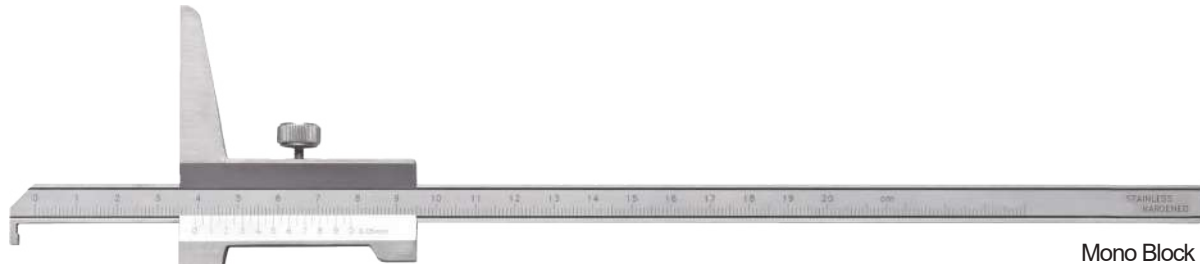
- Used for depth and step measurements
- Clear, direct and accurate reading



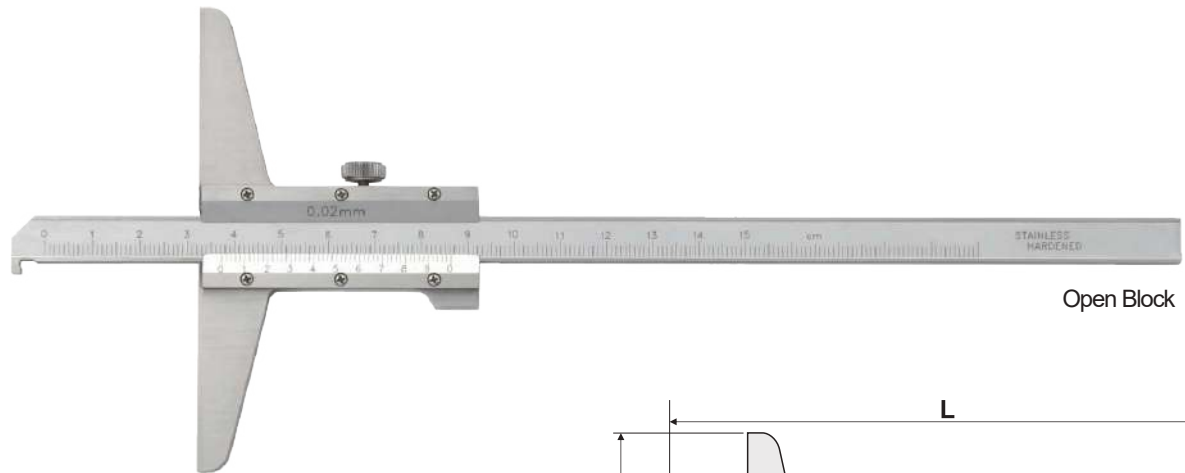
Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
183-122A	0-150	0.01	± 0.03	1	236	100	5	2	13.5
183-132A	0-150	0.02	± 0.03	1	236	100	5	2	13.5
183-122-1A	0-150	0.01	± 0.03	1	236	150	5	2	13.5
183-132-1A	0-150	0.02	± 0.03	1	236	150	5	2	13.5
183-124A	0-200	0.01	± 0.03	1	286	100	5	2	13.5
183-134A	0-200	0.02	± 0.03	2	286	100	5	2	13.5
183-124-1A	0-200	0.01	± 0.03	2	286	150	5	2	13.5
183-134-1A	0-200	0.02	± 0.03	2	286	150	5	2	13.5
183-126A	0-300	0.01	± 0.04	2	405	100	5	2	14
183-136A	0-300	0.02	± 0.04	2	405	100	5	2	14
183-126-1A	0-300	0.01	± 0.04	2	405	150	5	2	14
183-136-1A	0-300	0.02	± 0.04	2	405	150	5	2	14

Vernier Depth Gauge with Single Hook

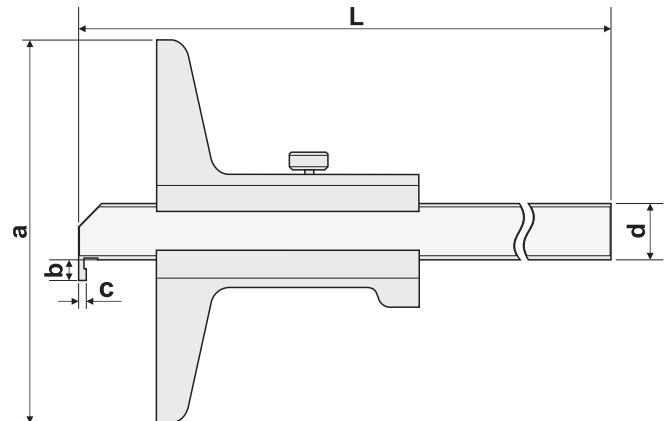
GB/T

S/STL
hardened

Mono Block



Open Block

**FEATURES**

- Used for depth and step measurements
- Mono and open blocks for option

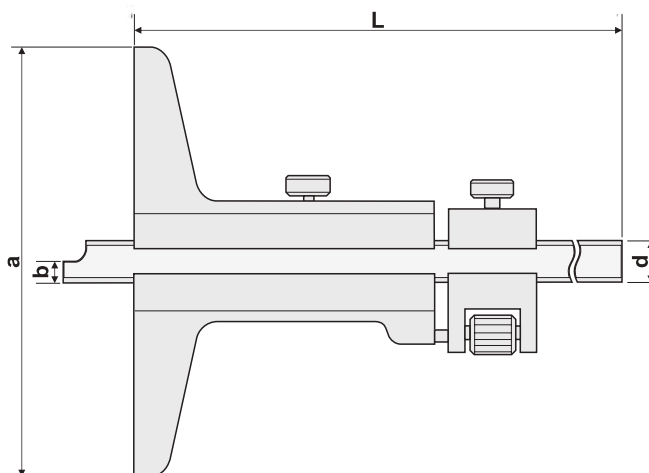
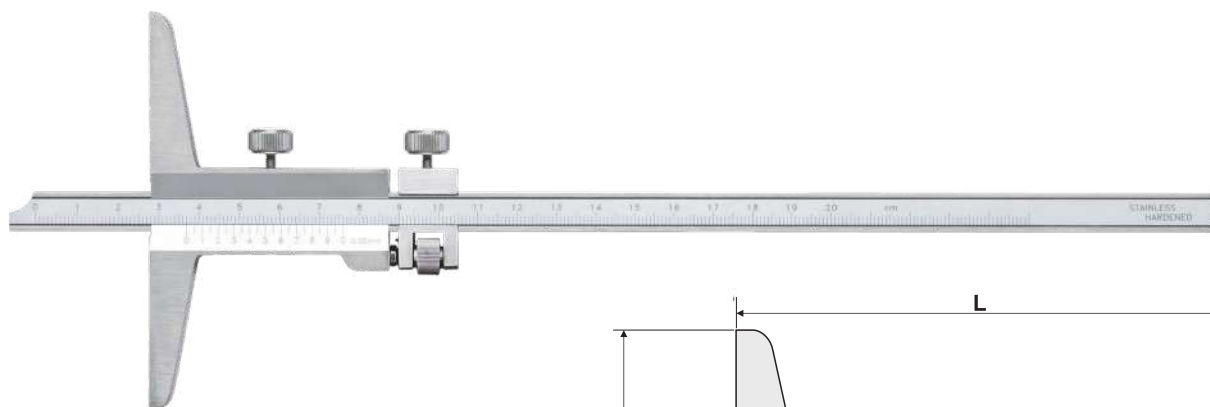
Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
155-100	155-100K	0-150	0.02	± 0.03	250	100	2.5	2	10
155-100-1	155-100-1K	0-150	0.02	± 0.03	250	150	2.5	2	10
155-101	155-101K	0-150	0.05	± 0.05	250	100	2.5	2	10
155-101-1	155-101-1K	0-150	0.05	± 0.05	250	150	2.5	2	10
155-102	155-102K	0-200	0.02	± 0.03	300	100	2.5	2	10
155-102-1	155-102-1K	0-200	0.02	± 0.03	300	150	2.5	2	10
155-103	155-103K	0-200	0.05	± 0.05	300	100	2.5	2	10
155-103-1	155-103-1K	0-200	0.05	± 0.05	300	150	2.5	2	10
155-104	155-104K	0-250	0.02	± 0.04	350	100	2.5	2	10
155-104-1	155-104-1K	0-250	0.02	± 0.04	350	150	2.5	2	10
155-105	155-105K	0-250	0.05	± 0.08	350	100	2.5	2	10
155-105-1	155-105-1K	0-250	0.05	± 0.08	350	150	2.5	2	10
155-106	155-106K	0-300	0.02	± 0.04	400	100	2.5	2	10
155-106-1	155-106-1K	0-300	0.02	± 0.04	400	150	2.5	2	10

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
155-107	155-107K	0-300	0.05	± 0.08	400	100	2.5	2	10
155-107-1	155-107-1K	0-300	0.05	± 0.08	400	150	2.5	2	10
155-108	155-108K	0-400	0.02	± 0.05	505	150	10	5	11
155-108-1	155-108-1K	0-400	0.02	± 0.05	505	200	10	5	11
155-108-2	155-108-2K	0-400	0.02	± 0.05	505	250	10	5	11
155-109	155-109K	0-400	0.05	± 0.08	505	150	10	5	11
155-109-1	155-109-1K	0-400	0.05	± 0.08	505	200	10	5	11
155-109-2	155-109-2K	0-400	0.05	± 0.08	505	250	10	5	11
155-110	155-110K	0-500	0.02	± 0.05	605	150	10	5	11
155-110-1	155-110-1K	0-500	0.02	± 0.05	605	200	10	5	11
155-110-2	155-110-2K	0-500	0.02	± 0.05	605	250	10	5	11
155-111	155-111K	0-500	0.05	± 0.08	605	150	10	5	11
155-111-1	155-111-1K	0-500	0.05	± 0.08	605	200	10	5	11
155-111-2	155-111-2K	0-500	0.05	± 0.08	605	250	10	5	11



DEPTH GAUGES

Vernier Depth Gauge with Fine Adjustment Clamp



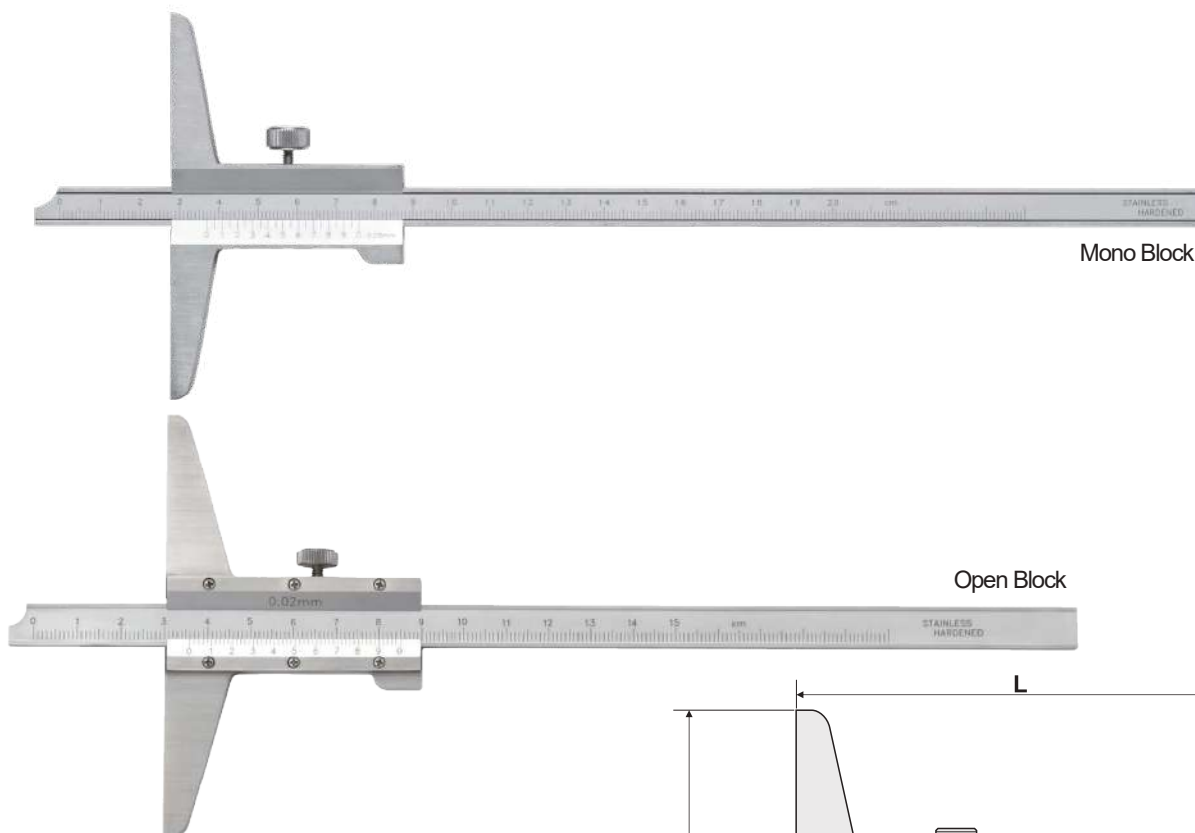
FEATURES

- Used for measuring depth of a bore and step

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	d mm
151-300	0-150	0.02	± 0.03	250	100	5	10
151-300-1	0-150	0.02	± 0.03	250	150	5	10
151-301	0-150	0.05	± 0.05	250	100	5	10
151-301-1	0-150	0.05	± 0.05	250	150	5	10
151-302	0-200	0.02	± 0.03	300	100	5	10
151-302-1	0-200	0.02	± 0.03	300	150	5	10
151-303	0-200	0.05	± 0.05	300	100	5	10
151-303-1	0-200	0.05	± 0.05	300	150	5	10
151-304	0-250	0.02	± 0.04	350	100	5	10
151-304-1	0-250	0.02	± 0.04	350	150	5	10
151-304-2	0-250	0.02	± 0.04	350	200	5	10
151-305	0-250	0.05	± 0.08	350	100	5	10
151-305-1	0-250	0.05	± 0.08	350	150	5	10
151-305-2	0-250	0.05	± 0.08	350	200	5	10
151-306	0-300	0.02	± 0.04	400	100	5	10
151-306-1	0-300	0.02	± 0.04	400	150	5	10
151-306-2	0-300	0.02	± 0.04	400	200	5	10
151-307	0-300	0.05	± 0.08	400	100	5	10
151-307-1	0-300	0.05	± 0.08	400	150	5	10
151-307-2	0-300	0.05	± 0.08	400	200	5	10
151-308	0-400	0.02	± 0.05	505	150	4	11
151-308-1	0-400	0.02	± 0.05	505	200	4	11
151-308-2	0-400	0.02	± 0.05	505	250	4	11
151-309	0-400	0.05	± 0.08	505	150	4	11
151-309-1	0-400	0.05	± 0.08	505	200	4	11

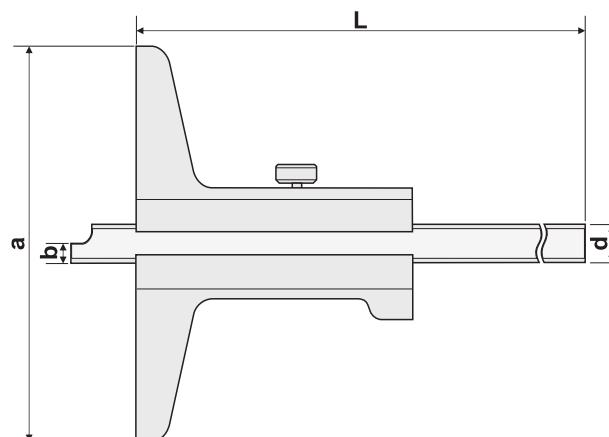
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	L mm	a mm	b mm	d mm
151-309-2	0-400	0.05	± 0.08	—	505	250	4	11
151-310	0-500	0.02	± 0.05	0.4	605	150	4	11
151-310-1	0-500	0.02	± 0.08	0.5	605	200	4	11
151-310-2	0-500	0.02	± 0.08	0.5	605	250	4	11
151-311	0-500	0.05	± 0.08	0.4	605	150	4	11
151-311-1	0-500	0.05	± 0.07	0.5	605	200	4	11
151-311-2	0-500	0.05	± 0.07	0.5	605	250	4	11
151-312	0-600	0.02	± 0.07	0.5	705	150	4	11
151-312-1	0-600	0.02	± 0.10	0.6	705	200	4	11
151-312-2	0-600	0.02	± 0.10	0.6	705	250	4	11
151-313	0-600	0.05	± 0.10	0.5	705	150	4	11
151-313-1	0-600	0.05	± 0.07	0.6	705	200	4	11
151-313-2	0-600	0.05	± 0.07	0.6	705	250	4	11
151-314	0-800	0.02	± 0.07	1.5	968	200	6	18
151-314-1	0-800	0.02	± 0.10	1.5	968	250	6	18
151-314-2	0-800	0.02	± 0.10	1.6	968	300	6	18
151-315	0-800	0.05	± 0.10	1.5	968	200	6	18
151-315-1	0-800	0.05	± 0.07	1.5	968	250	6	18
151-315-2	0-800	0.05	± 0.07	1.6	968	300	6	18
151-316	0-1000	0.02	± 0.07	1.7	1168	200	6	18
151-316-1	0-1000	0.02	± 0.10	1.8	1168	250	6	18
151-316-2	0-1000	0.02	± 0.10	1.8	1168	300	6	18
151-317	0-1000	0.05	± 0.10	1.7	1168	200	6	18
151-317-1	0-1000	0.05	± 0.10	1.8	1168	250	6	18
151-317-2	0-1000	0.05	± 0.10	1.8	1168	300	6	18

Vernier Depth Gauge



Mono Block

Open Block



FEATURES

- Used for measuring depth of a bore and step

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	d mm
151-100	151-100K	0-150	0.02	± 0.03	250	100	5	10
151-100-1	151-100-1K	0-150	0.02	± 0.03	250	150	5	10
151-101	151-101K	0-150	0.05	± 0.05	250	100	5	10
151-101-1	151-101-1K	0-150	0.05	± 0.05	250	150	5	10
151-102	151-102K	0-200	0.02	± 0.03	300	100	5	10
151-102-1	151-102-1K	0-200	0.02	± 0.03	300	150	5	10
151-103	151-103K	0-200	0.05	± 0.05	300	100	5	10
151-103-1	151-103-1K	0-200	0.05	± 0.05	300	150	5	10
151-104	151-104K	0-250	0.02	± 0.04	350	100	5	10
151-104-1	151-104-1K	0-250	0.02	± 0.04	350	150	5	10
151-105	151-105K	0-250	0.05	± 0.08	350	100	5	10
151-105-1	151-105-1K	0-250	0.05	± 0.08	350	150	5	10
151-106	151-106K	0-300	0.02	± 0.04	400	100	5	10
151-106-1	151-106-1K	0-300	0.02	± 0.04	400	150	5	10
151-107	151-107K	0-300	0.05	± 0.08	400	100	5	10
151-107-1	151-107-1K	0-300	0.05	± 0.08	400	150	5	10
151-108	151-108K	0-400	0.02	± 0.05	505	150	4	11
151-108-1	151-108-1K	0-400	0.02	± 0.05	505	200	4	11
151-108-2	151-108-2K	0-400	0.02	± 0.05	505	250	4	11
151-109	151-109K	0-400	0.05	± 0.08	505	150	4	11
151-109-1	151-109-1K	0-400	0.05	± 0.08	505	200	4	11
151-109-2	151-109-2K	0-400	0.05	± 0.08	505	250	4	11
151-110	151-110K	0-500	0.02	± 0.05	605	150	4	11

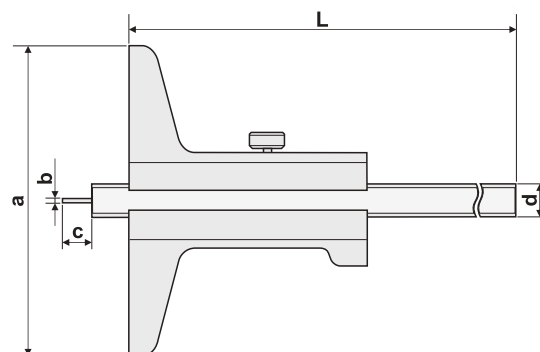
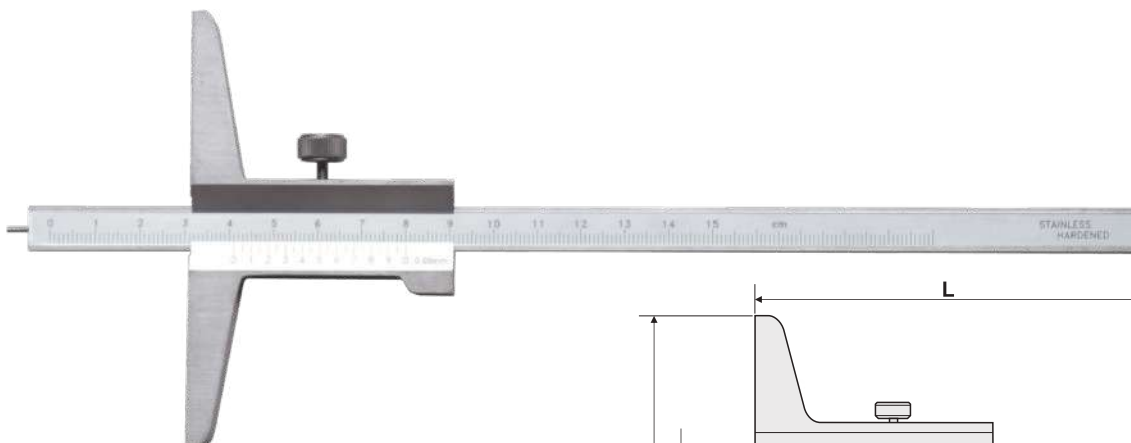
Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	L mm	a mm	b mm	d mm
151-110-1	151-110-1K	0-500	0.02	± 0.05	0.5	605	200	4	11
151-110-2	151-110-2K	0-500	0.02	± 0.05	0.5	605	250	4	11
151-111	151-111K	0-500	0.05	± 0.08	0.4	605	150	4	11
151-111-1	151-111-1K	0-500	0.05	± 0.08	0.5	605	200	4	11
151-111-2	151-111-2K	0-500	0.05	± 0.08	0.5	605	250	4	11
151-112	151-112K	0-600	0.02	± 0.07	0.5	705	150	4	11
151-112-1	151-112-1K	0-600	0.02	± 0.07	0.6	705	200	4	11
151-112-2	151-112-2K	0-600	0.02	± 0.07	0.6	705	250	4	11
151-113	151-113K	0-600	0.05	± 0.10	0.5	705	150	4	11
151-113-1	151-113-1K	0-600	0.05	± 0.10	0.6	705	200	4	11
151-113-2	151-113-2K	0-600	0.05	± 0.10	0.6	705	250	4	11
151-114	151-114K	0-800	0.02	± 0.07	1.5	960	150	7	18
151-114-1	151-114-1K	0-800	0.02	± 0.07	1.5	960	200	7	18
151-114-2	151-114-2K	0-800	0.02	± 0.07	1.6	960	250	7	18
151-115	151-115K	0-800	0.05	± 0.10	1.5	960	150	7	18
151-115-1	151-115-1K	0-800	0.05	± 0.10	1.5	960	200	7	18
151-115-2	151-115-2K	0-800	0.05	± 0.10	1.6	960	250	7	18
151-116	151-116K	0-1000	0.02	± 0.07	1.7	1160	150	7	18
151-116-1	151-116-1K	0-1000	0.02	± 0.07	1.8	1160	200	7	18
151-116-2	151-116-2K	0-1000	0.02	± 0.07	1.8	1160	250	7	18
151-117	151-117K	0-1000	0.05	± 0.10	1.7	1160	150	7	18
151-117-1	151-117-1K	0-1000	0.05	± 0.10	1.8	1160	200	7	18
151-117-2	151-117-2K	0-1000	0.05	± 0.10	1.8	1160	250	7	18



DEPTH GAUGES

Needle Vernier Depth Gauge

S/STL
hardened



FEATURES

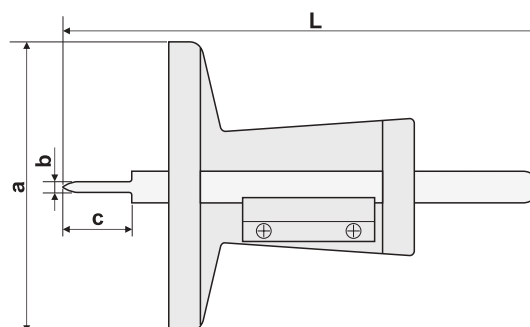
- Used for measuring depth of small hole and step

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
157-100	0-150	0.02	± 0.03	250	100	Ø1.5	5	10
157-100-1	0-150	0.02	± 0.03	250	150	Ø1.5	5	10
157-101	0-150	0.05	± 0.05	250	100	Ø1.5	5	10
157-101-1	0-150	0.05	± 0.05	250	150	Ø1.5	5	10
157-102	0-200	0.02	± 0.03	300	100	Ø1.5	5	10
157-102-1	0-200	0.02	± 0.03	300	150	Ø1.5	5	10
157-103	0-200	0.05	± 0.05	300	100	Ø1.5	5	10
157-103-1	0-200	0.05	± 0.05	300	150	Ø1.5	5	10
157-106	0-300	0.02	± 0.04	400	100	Ø1.5	5	10
157-106-1	0-300	0.02	± 0.04	405	150	Ø1.5	5	11
157-106-2	0-300	0.02	± 0.04	405	200	Ø1.5	5	11
157-107	0-300	0.05	± 0.08	400	100	Ø1.5	5	10
157-107-1	0-300	0.05	± 0.08	405	150	Ø1.5	5	11

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
157-107-2	0-300	0.05	± 0.08	405	200	Ø1.5	5	11
157-108	0-400	0.02	± 0.05	505	150	Ø1.5	5	11
157-108-1	0-400	0.02	± 0.05	505	200	Ø1.5	5	11
157-108-2	0-400	0.02	± 0.05	505	250	Ø1.5	5	11
157-109	0-400	0.05	± 0.08	505	150	Ø1.5	5	11
157-109-1	0-400	0.05	± 0.08	505	200	Ø1.5	5	11
157-109-2	0-400	0.05	± 0.08	505	250	Ø1.5	5	11
157-110	0-500	0.02	± 0.05	605	150	Ø1.5	5	11
157-110-1	0-500	0.02	± 0.05	605	200	Ø1.5	5	11
157-110-2	0-500	0.02	± 0.05	605	250	Ø1.5	5	11
157-111	0-500	0.05	± 0.08	605	150	Ø1.5	5	11
157-111-1	0-500	0.05	± 0.08	605	200	Ø1.5	5	11
157-111-2	0-500	0.05	± 0.08	605	250	Ø1.5	5	11

Thread Vernier Depth Gauge

S/STL
hardened



FEATURES

- Easy to carry
- Used for measuring the tire thread depth

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm
157-030	0-30	0.1	± 0.1	90	55	2	13



HEIGHT GAUGES



SINCERITY & TECHNOLOGY



HEIGHT GAUGES

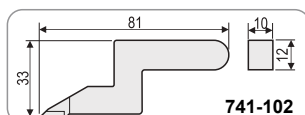
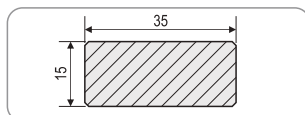
Digital Height Gauge with Hand-wheel

GB/T

S/STL
hardened



SPC



Resolution:0.01mm

FEATURES

- Used for height measurements and scribing
- Power on/off
- With handwheel, easy to use
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position
- With preset function
- With fine adjustment device
- With carbide-tipped scriber

Code NO.	Measuring Range mm	Accuracy mm	Weight kg
131-603	0-300	± 0.04	6.6
131-605	0-500	± 0.05	8.0
131-606	0-600	± 0.05	8.4

Digital Height Gauge

GB/T

S/STL
hardened

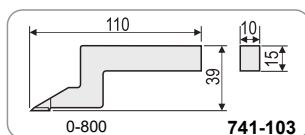
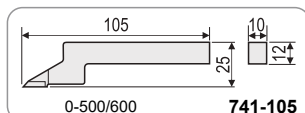
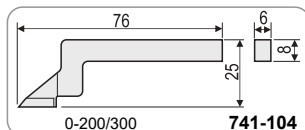


SPC



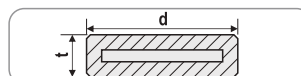
Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	Weight kg	d mm	t mm
131-103GA	0-300	± 0.04	2.4	23	6
131-105GA	0-500	± 0.05	5.2	31	10.5
131-106GA	0-600	± 0.05	5.6	31	10.5
131-108GA	0-800	± 0.06	11.9	50	16
131-110G	0-1000	± 0.07	12.6	50	16
131-115G	0-1500	± 0.11	17.8	50	16
131-120G	0-2000	± 0.14	19.2	50	16



FEATURES

- Used for height measurements and scribing
- Power on/off
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position
- Data hold
- With preset function
- Tolerances setting
- With fine adjustment device
- Carbide-tipped scriber facilitates fine scribing on work pieces



Woodworking Digital Height Gauge

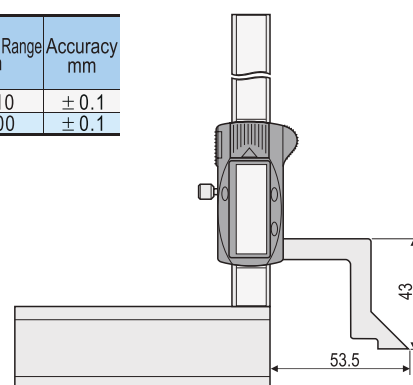


Resolution:0.01mm

FEATURES

- Designed for woodworker's workshop, used to adjust saw blade, scribing and height measurements
- With a light aluminum base, magnet inlaid
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm
131-130	0-110	± 0.1
131-131	0-200	± 0.1



E

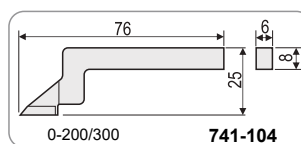
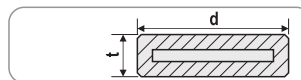
Dial Height Gauge



FEATURES

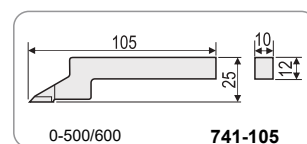
- Clear, direct and accurate reading
- With carbide-tipped scriber
- Fine-adjustment carriage to feed the slider finely

Code NO.	Measuring Range mm	Graduation mm/inch	Accuracy mm	Range/rev.	Weight kg	d mm	t mm
191-146	0-300	0.02	± 0.04	2	2.4	21	6
191-148	0-500	0.02	± 0.05	2	5.2	31	10.5
191-150	0-600	0.02	± 0.05	2	5.3	31	10.5



0-200/300

741-104



0-500/600

741-105



0-300

131-103-700



0-500/600

131-105-700



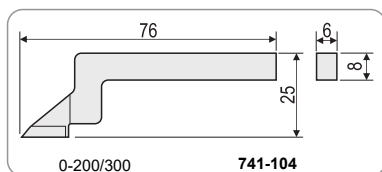
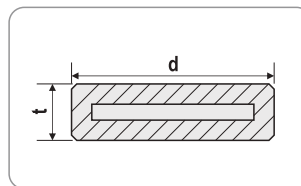
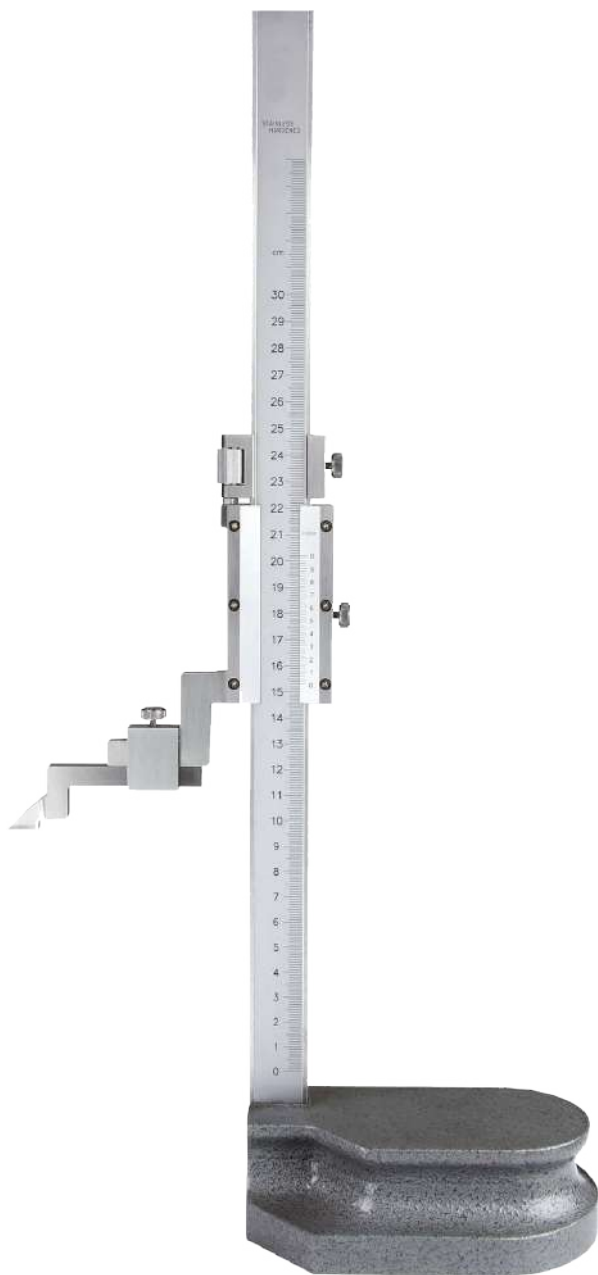
Vernier Height Gauge



FEATURES

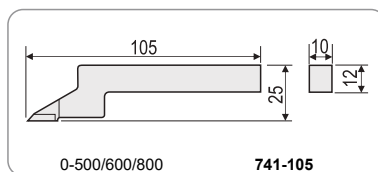
- Used for height measurements and scribing
- With carbide-tipped scriber
- With fine adjustment device

Code NO. Mono Block	Code NO. Open Block	Measuring Range mm	Graduation mm/inch	Accuracy mm	Weight kg	d mm	t mm
161-102A	161-102KA	0-200	0.02	± 0.03	2.2	23	6
161-103A	161-103KA	0-200	0.05	± 0.05	2.2	23	6
161-106A	161-106KA	0-300	0.02	± 0.04	2.3	23	6
161-107A	161-107KA	0-300	0.05	± 0.06	2.3	23	6
161-110	161-110K	0-500	0.02	± 0.05	5.3	31	10.5
161-111	161-111K	0-500	0.05	± 0.07	5.3	31	10.5
161-112	161-112K	0-600	0.02	± 0.06	5.6	31	10.5
161-113	161-113K	0-600	0.05	± 0.10	5.6	31	10.5
161-114	161-114K	0-800	0.02	± 0.07	12.0	31	10.5
161-115	161-115K	0-800	0.05	± 0.10	12.0	31	10.5
—	161-116	0-1000	0.02	± 0.07	12.6	50	16
—	161-117	0-1000	0.05	± 0.10	12.6	50	16
—	161-118	0-1500	0.02	± 0.11	18.2	50	16
—	161-119	0-1500	0.05	± 0.16	18.2	50	16
—	161-120	0-2000	0.02	± 0.14	21.5	50	16
—	161-121	0-2000	0.05	± 0.20	21.5	50	16



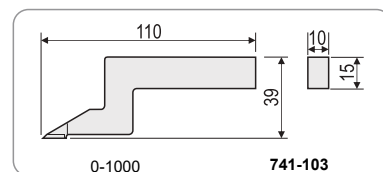
0-200/300

741-104



0-500/600/800

741-105



0-1000

741-103



0-300

131-103-700



0-500/600/800

131-105-700



0-1000

131-110-700



UNUSUAL SHAPED CALIPERS



SINCERITY & TECHNOLOGY



UNUSUAL SHAPED CALIPERS

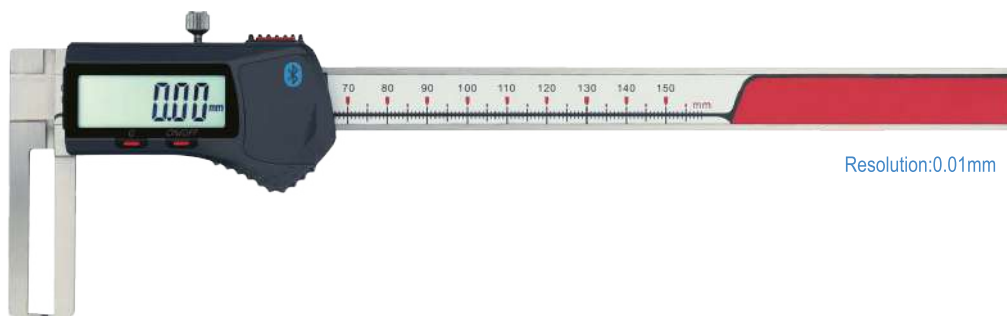
Bluetooth Digital Caliper with Knife-edged Measuring Points for Inside Grooves

JB/T

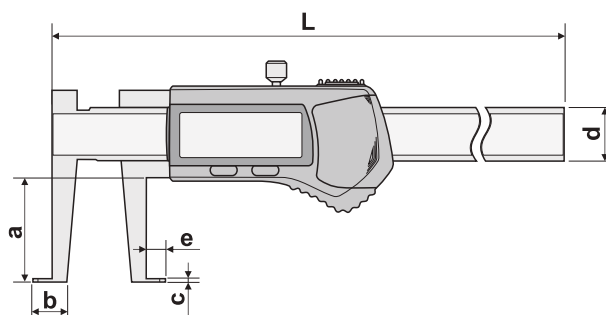
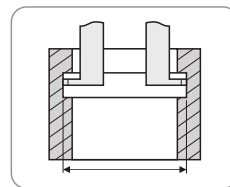
S/STL
hardened



NEW



Resolution: 0.01mm

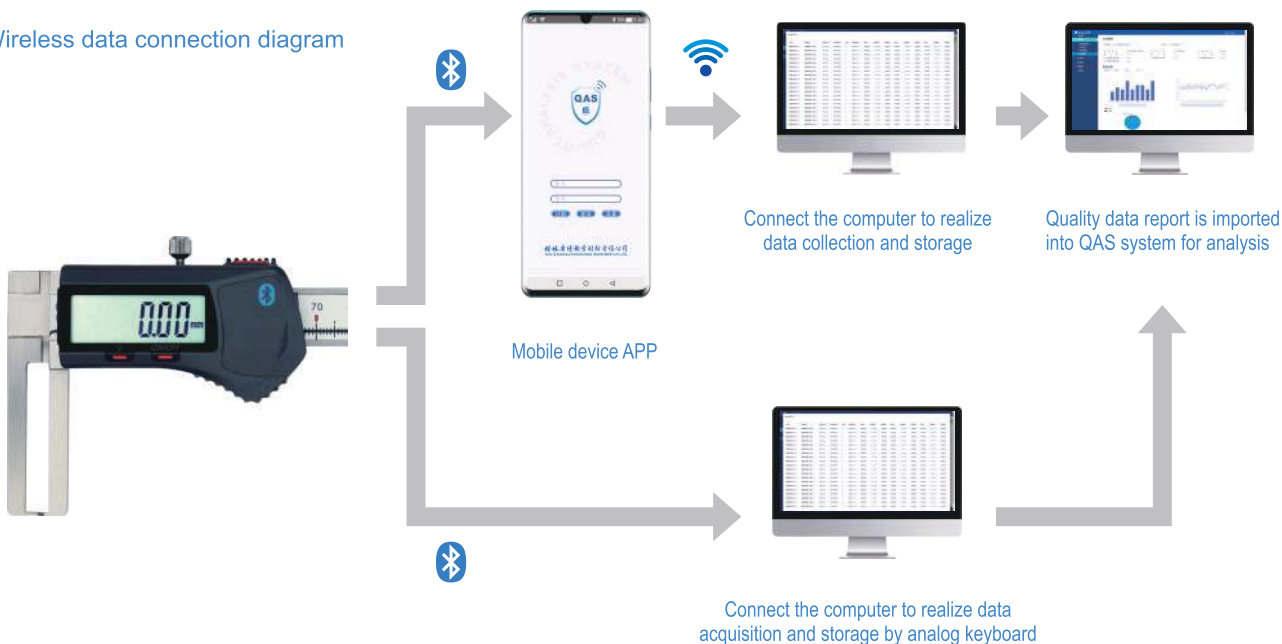


FEATURES

- Overlapping jaws used for narrow inside groove measurements
- Built-in Bluetooth, measurement data can be transmitted to mobile phones, tablets and computers
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory
- Transmission distance ≤ 10 m(open land); ≤ 7 m(industrial environment)

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
115-111BT	14-150	± 0.05	240	30	12	1	16	5
115-112BT	15-200	± 0.05	290	40	13	1	16	5
115-113BT	17-300	± 0.06	400	50	15	1.5	16	5

Wireless data connection diagram

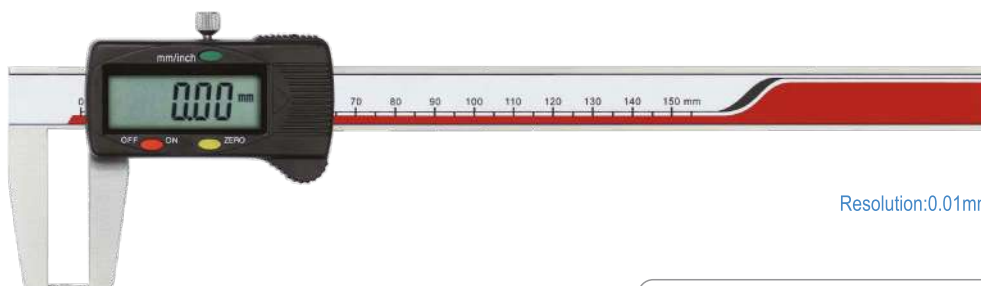


Digital Caliper with Flat Measuring Points for Outside Grooves

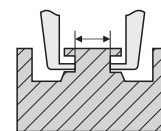
JB/T

S/STL
hardened


SPC



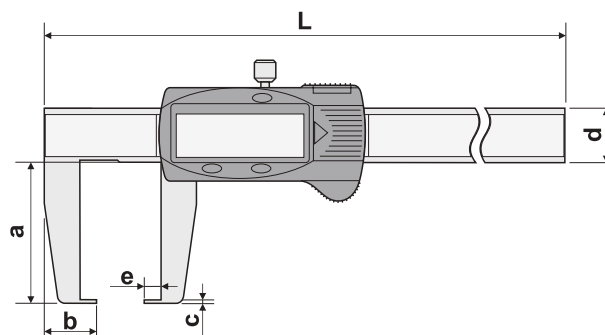
Resolution:0.01mm



FEATURES

- Used for outside groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
114-101	0-150	± 0.04	250	40	15	1	16	5
114-101-1	0-150	± 0.05	250	70	20	2	16	7
114-101-2	0-150	± 0.05	290	100	30	2	20	10
114-102	0-200	± 0.04	310	50	19	1	16	7
114-102-1	0-200	± 0.05	310	80	23	1.5	16	9
114-102-2	0-200	± 0.05	340	110	34	2	20	12
114-103	0-300	± 0.05	410	60	21	1.5	16	8
114-103-1	0-300	± 0.06	440	100	30	2	20	10
114-103-2	0-300	± 0.06	490	150	36	2	24	12
114-105	0-500	± 0.06	690	100	34	2	24	12
114-105-1	0-500	± 0.07	690	150	36	2	24	12
114-105-2	0-500	± 0.07	690	200	36	2	24	12



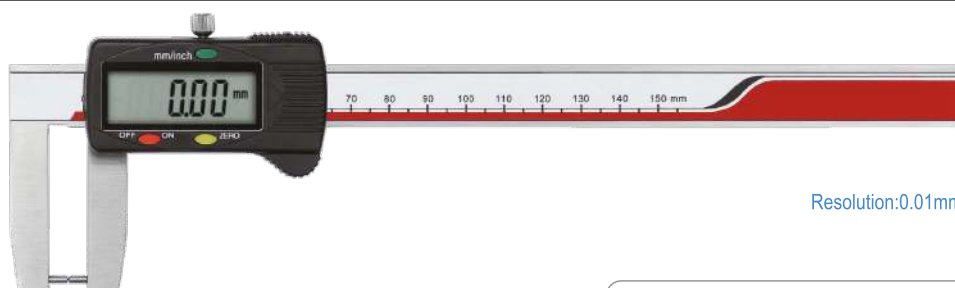
F

Digital Caliper with Round Measuring Points for Outside Grooves

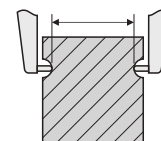
JB/T

S/STL
hardened


SPC



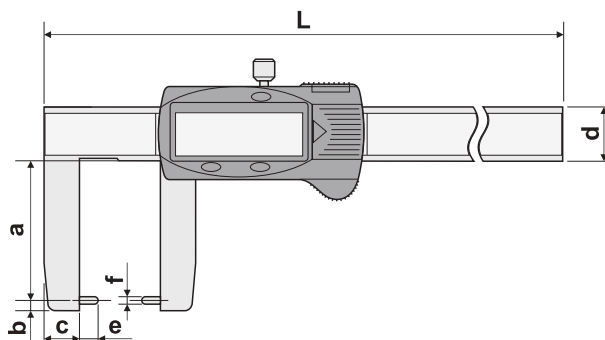
Resolution:0.01mm



FEATURES

- Used for arc-shaped outside groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm	f mm
114-111	0-150	± 0.04	250	40	3	10	16	5	Ø2
114-111-1	0-150	± 0.05	250	70	3	13	16	7	Ø3
114-111-2	0-150	± 0.05	290	100	3	20	20	10	Ø3
114-112	0-200	± 0.04	310	50	3	12	16	7	Ø2
114-112-1	0-200	± 0.05	310	80	3	14	16	9	Ø3
114-112-2	0-200	± 0.05	340	110	3	22	20	12	Ø3
114-113	0-300	± 0.05	410	60	3	13	16	8	Ø3
114-113-1	0-300	± 0.06	440	100	3	20	20	10	Ø3
114-113-2	0-300	± 0.06	490	150	3	20	24	12	Ø3
114-115	0-500	± 0.06	690	100	3	20	24	12	Ø3
114-115-1	0-500	± 0.07	690	150	3	20	24	12	Ø3
114-115-2	0-500	± 0.07	690	200	3	20	24	12	Ø3





UNUSUAL SHAPED CALIPERS

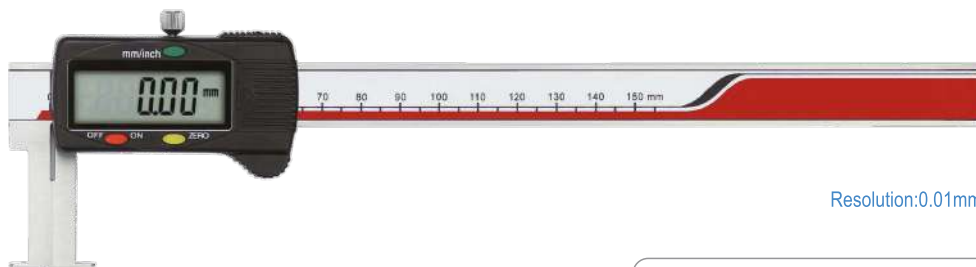
Digital Caliper with Flat Measuring Points for Inside Grooves

JB/T

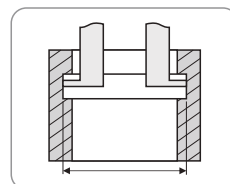
S/STL
hardened



SPC



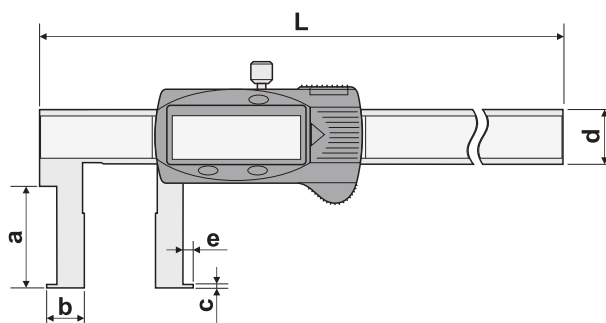
Resolution:0.01mm



FEATURES

- Used for inside groove measurements
- With preset function
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
115-101	22-150	± 0.05	250	30	11	1	16	5
115-101-1	35-150	± 0.06	250	60	17.5	1.5	16	6
115-101-2	50-150	± 0.06	270	90	25	2	20	8
115-102	25-200	± 0.05	310	40	12.5	1	16	5
115-102-1	40-200	± 0.06	310	70	20	1.5	16	7
115-102-2	60-200	± 0.06	320	100	30	2	20	10
115-103	30-300	± 0.06	410	50	15	1.5	16	5
115-103-1	50-300	± 0.07	410	80	25	1.5	16	8
115-103-2	60-300	± 0.07	420	110	30	2	20	10
115-105	40-500	± 0.07	680	90	20	1.5	24	5
115-105-1	60-500	± 0.08	680	120	30	2	24	10
115-105-2	80-500	± 0.08	680	150	40	3	24	16



F

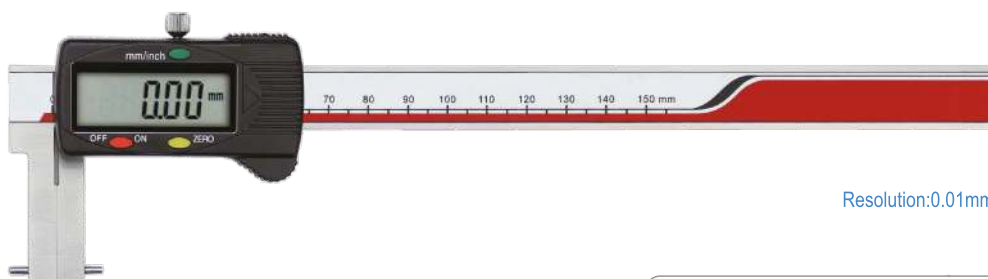
Digital Caliper with Round Measuring Points for Inside Grooves

JB/T

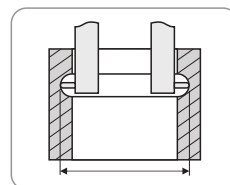
S/STL
hardened



SPC



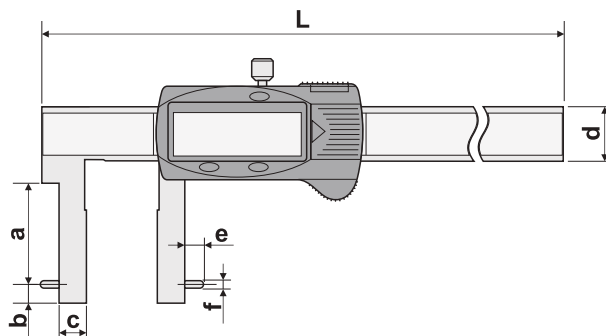
Resolution:0.01mm



FEATURES

- Used for arc-shaped inside groove measurements
- With preset function
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

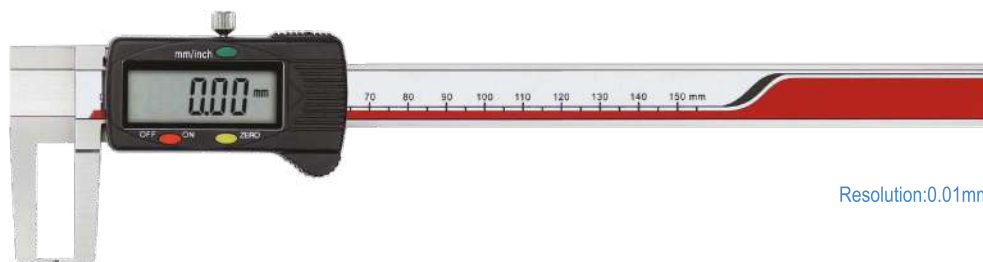
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm	f mm
115-121	24-150	± 0.05	250	30	3	7	16	5	Ø2
115-121-1	35-150	± 0.05	250	60	3	11.5	16	6	Ø2
115-121-2	50-150	± 0.06	270	90	4	17	20	8	Ø3
115-122	25-200	± 0.05	310	40	3	7.5	16	5	Ø2
115-122-1	40-200	± 0.05	310	70	3	13	16	7	Ø3
115-122-2	60-200	± 0.05	320	100	3	20	20	10	Ø3
115-123	30-300	± 0.07	410	50	3	10	16	5	Ø2
115-123-1	50-300	± 0.07	410	80	3	15	16	10	Ø3
115-123-2	60-300	± 0.07	420	110	3	20	20	10	Ø3
115-125	40-500	± 0.07	680	90	3	15	24	5	Ø3
115-125-1	60-500	± 0.08	680	120	3	20	24	10	Ø3
115-125-2	80-500	± 0.08	680	150	3	24	24	16	Ø3



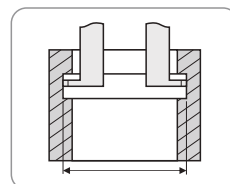
UNUSUAL SHAPED CALIPERS

Digital Caliper with Knife-edged Measuring Points for Inside Grooves

JB/T
S/STL
hardened

SPC


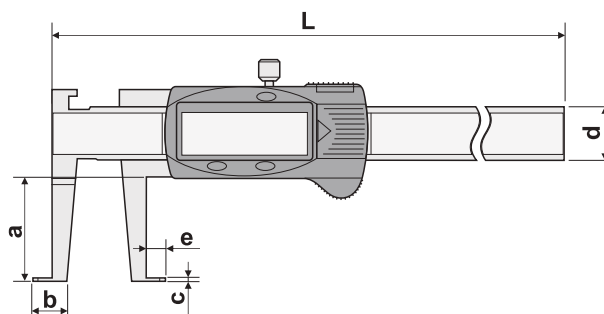
Resolution: 0.01mm



FEATURES

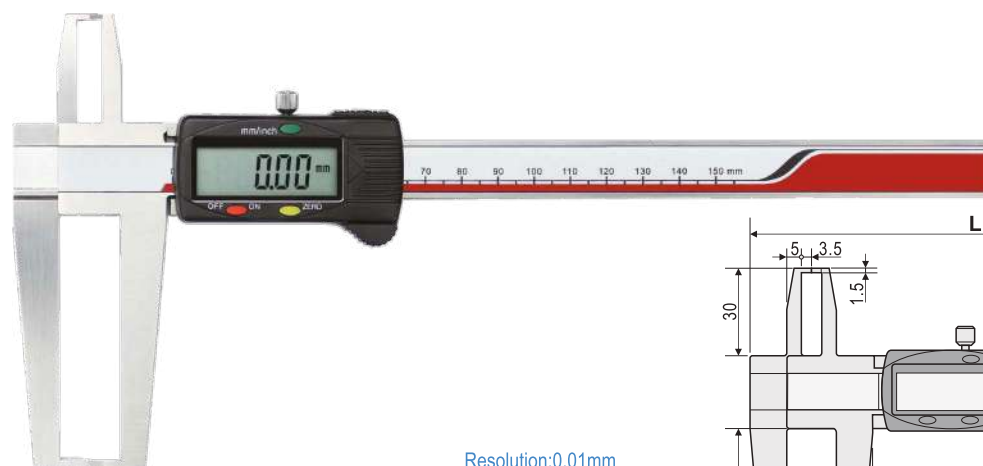
- Overlapping jaws used for narrow inside groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
115-111	14-150	± 0.05	240	30	12	1	16	5
115-111-1	19-150	± 0.06	240	60	17	1.5	16	6
115-111-2	25-150	± 0.06	291	90	23	3	20	8
115-111-3	8-150	± 0.06	240	40	6	1	16	2
115-111*40*3	10-150	± 0.06	240	40	8	1	16	3
115-112	15-200	± 0.05	290	40	13	1	16	5
115-112-1	22-200	± 0.06	290	70	20	1.5	16	7
115-112-2	29-200	± 0.06	347	100	27	3	20	10
115-113	17-300	± 0.06	400	50	15	1.5	16	5
115-113-1	26-300	± 0.07	400	80	24	1.5	16	8
115-113-2	33-300	± 0.07	453	110	31	3.5	20	12
115-115	25-500	± 0.07	670	90	23	1.5	24	6
115-115-1	35-500	± 0.08	670	120	33	1.5	24	8
115-115-2	47-500	± 0.08	670	150	45	2	24	20

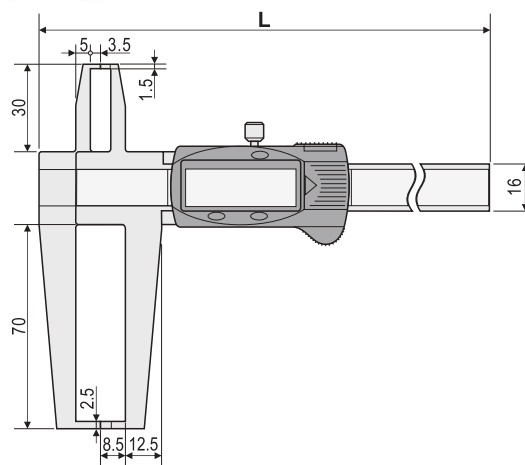

F

Double Inside Groove Digital Caliper with Knife-edged Measuring faces

JB/T
S/STL
hardened

SPC


Resolution: 0.01mm



FEATURES

- Used for measuring the inside groove in small hole
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm
115-231	Upper jaw: 13-150 Lower jaw: 24-150	± 0.05	270
115-232	Upper jaw: 13-200 Lower jaw: 24-200	± 0.06	320
115-233	Upper jaw: 13-300 Lower jaw: 24-300	± 0.06	425



UNUSUAL SHAPED CALIPERS

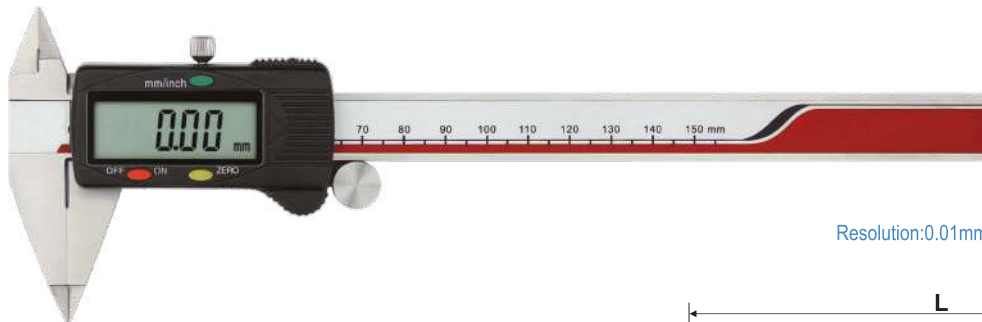
Digital Caliper with Pointed Jaws

JB/T

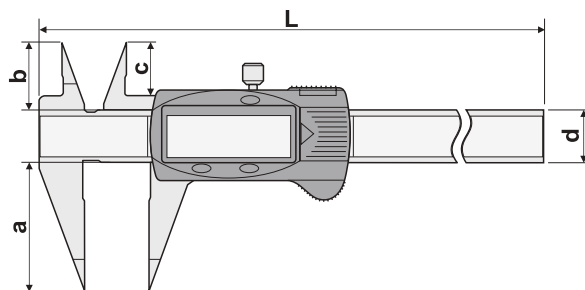
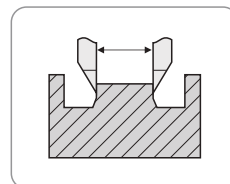
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- The narrow pointed jaws used for small grooves measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-200	0-100	± 0.04	170	30	17	12.5	13
111-201	0-150	± 0.04	236	40	21	16.5	16
111-202	0-200	± 0.04	286	50	24	19.5	16
111-203	0-300	± 0.05	400	60	25	21.5	16

Digital Caliper with Exchangeable Measuring Jaws

JB/T

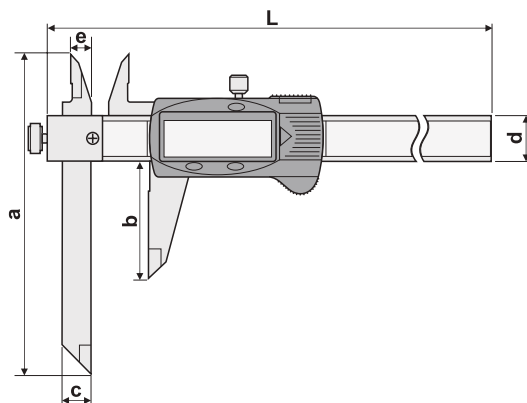
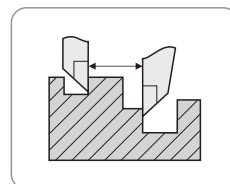
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- Main scale jaw can be slid up and down for facilitate measurement of stepped sections
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
117-101	0-150	± 0.04	249	110	40	10	17	7
117-102	0-200	± 0.04	299	120	50	10	17	7
117-103	0-300	± 0.05	399	130	60	10	17	7
117-105	0-500	± 0.06	685	210	100	22	24	11

UNUSUAL SHAPED CALIPERS

Center Distance Digital Caliper with Back Jaws

JB/T

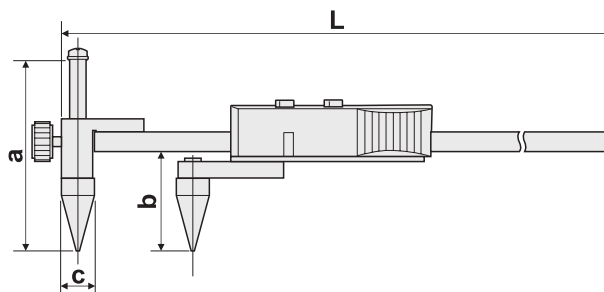
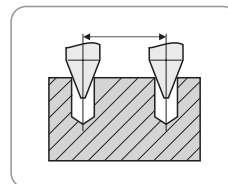
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- Used for measuring hole C-to-C and E-to-C distances and easily read from above
- With preset function
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm
119-151	10-150	± 0.05	280	64	30	Ø10
119-152	10-200	± 0.05	330	64	30	Ø10
119-153	10-300	± 0.07	430	64	30	Ø10

F

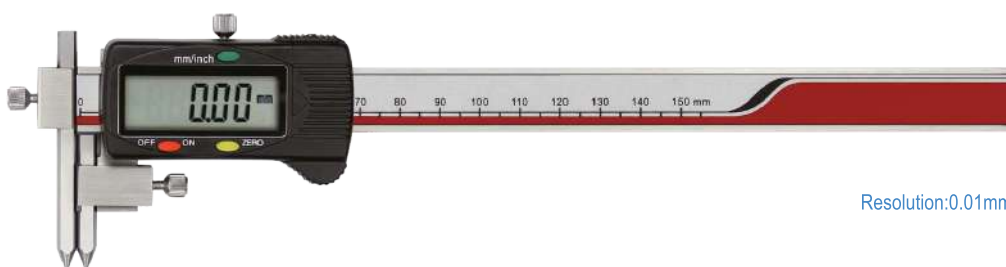
Center Distance Digital Caliper with Conical Measuring Tips

JB/T

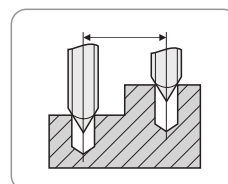
S/STL
hardened



SPC

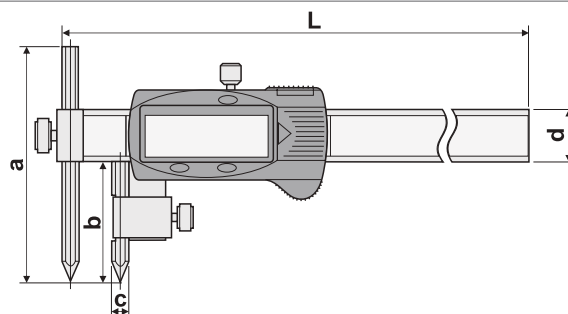


Resolution:0.01mm



FEATURES

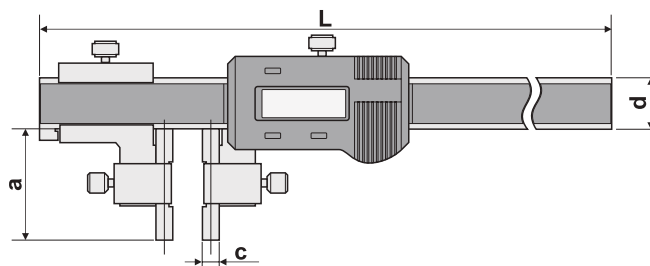
- Used for measuring hole C-to-C and E-to-C distances
- With preset function
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
119-111	5-150	± 0.05	241	60	34	Ø5	16
119-111-1	10-150	± 0.05	246	100	60	Ø10	16
119-112	5-200	± 0.05	290	60	34	Ø5	16
119-112-1	10-200	± 0.05	295	100	60	Ø10	16
119-113	5-300	± 0.07	390	60	34	Ø5	16
119-113-1	10-300	± 0.07	395	100	60	Ø10	16
119-115	5-500	± 0.09	705	80	45	Ø5	24
119-120	10-1000	± 0.14	1240	125	55	Ø10	31
119-120-1	20-1000	± 0.14	1240	125	55	Ø20	31



Center Distance Digital Caliper with Pillar Heads



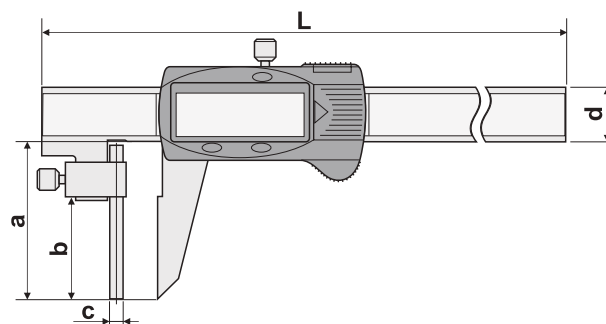
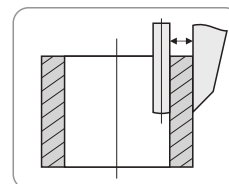
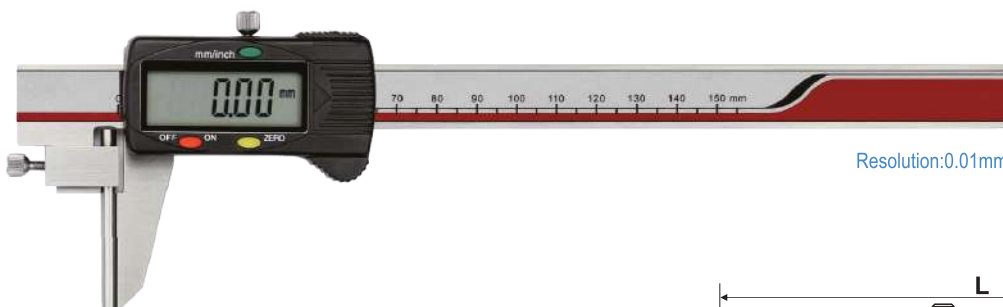
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	c mm	d mm
119-101	5-150	± 0.05	426	35	Ø5	16
119-102	5-200	± 0.05	526	35	Ø5	16
119-103	5-300	± 0.07	726	35	Ø5	16

FEATURES

- Direct reading for center distance measurement between holes

F

Tube Thickness Digital Caliper

**FEATURES**

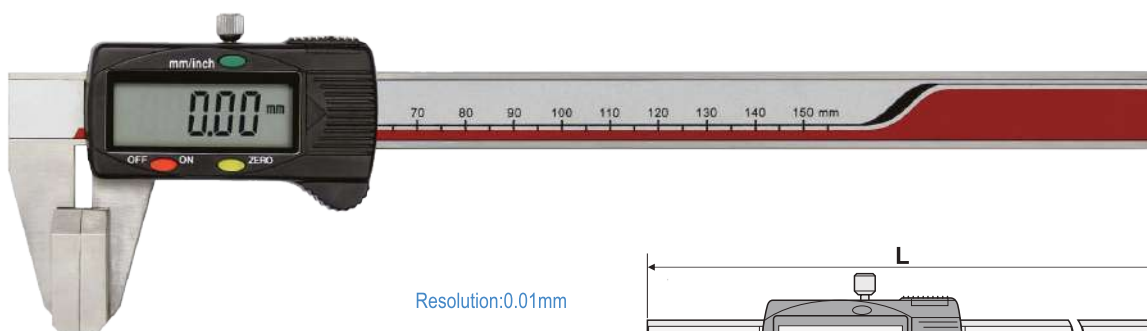
- Used for tube wall thickness measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
116-101	0-150	± 0.04	250	46	30	Ø4	16
116-102	0-200	± 0.04	300	56	40	Ø4	16
116-103	0-300	± 0.05	400	66	50	Ø4	16

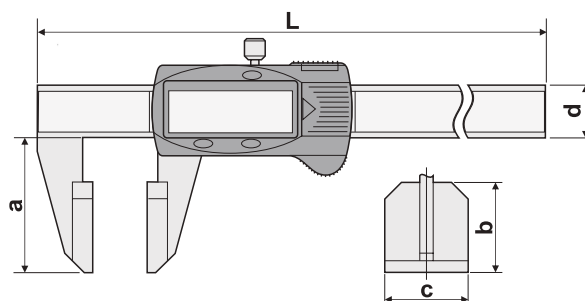
Digital Caliper with Large-sized Measuring Faces

S/STL
hardened


SPC



Resolution: 0.01mm



FEATURES

- Used for measuring work piece with wide surface, like wire rope
- Used for measuring work piece with soft surface, like foam and rubber

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-901	0-150	± 0.05	245	40	27	25	16

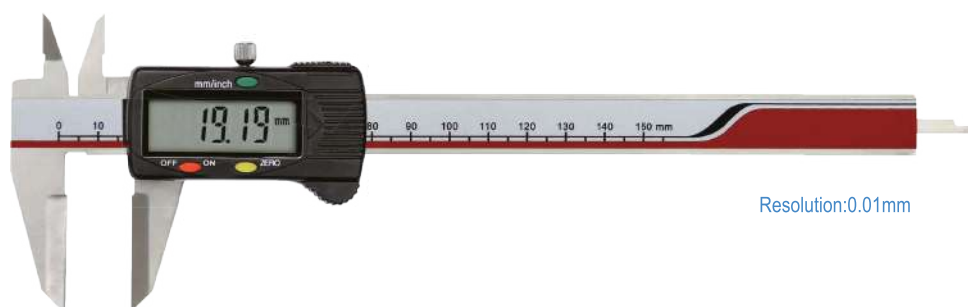
F

Digital Caliper with Knife-edged Measuring Jaws

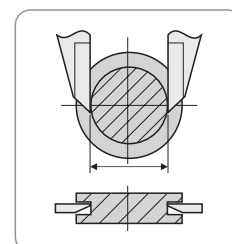
JB/T

S/STL
hardened


SPC

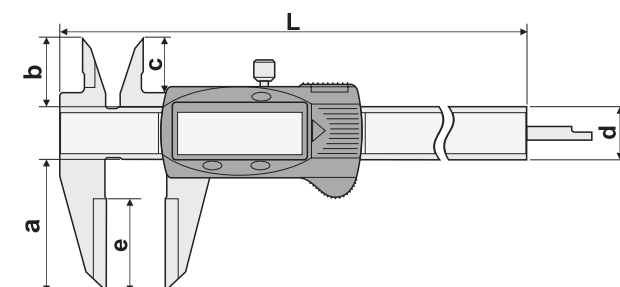


Resolution: 0.01mm



FEATURES

- Used for narrow groove measurements
- Round and flat depth bar for option
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
111-641	0-150	± 0.03	236	40	21	16.5	16	28
111-642	0-200	± 0.03	286	50	21	19.5	16	36
111-643	0-300	± 0.04	400	60	26	21.5	16	44



UNUSUAL SHAPED CALIPERS

Digital Caliper with Long Internal Measuring Jaws

JB/T

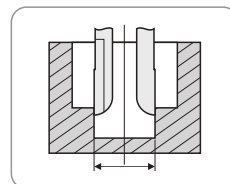
S/STL
hardened



SPC



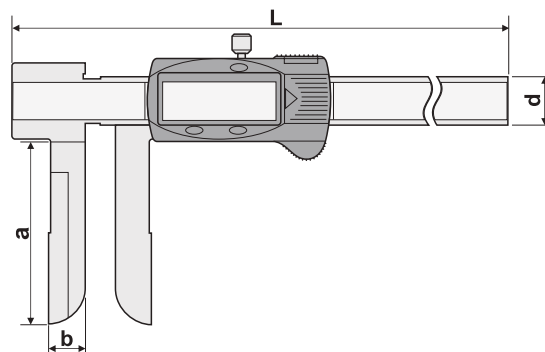
Resolution:0.01mm



FEATURES

- Overlapping long jaws used for narrow inside diameter measurement in deep bores
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
113-101	15-150	± 0.06	250	60	12	16
113-101-1	17-150	± 0.06	250	90	14	16
113-101-2	24-150	± 0.06	350	150	22	24
113-102	17-200	± 0.06	305	75	14	16
113-102-1	20-200	± 0.06	305	100	17	16
113-102-2	24-200	± 0.06	400	150	22	24
113-103	18-300	± 0.06	410	90	15	16
113-103-1	22-300	± 0.06	500	120	20	24
113-103-2	24-300	± 0.06	500	150	22	24
113-105	22-500	± 0.08	700	100	20	24
113-105-1	24-500	± 0.08	700	150	22	24
113-105-2	32-500	± 0.08	700	200	30	24

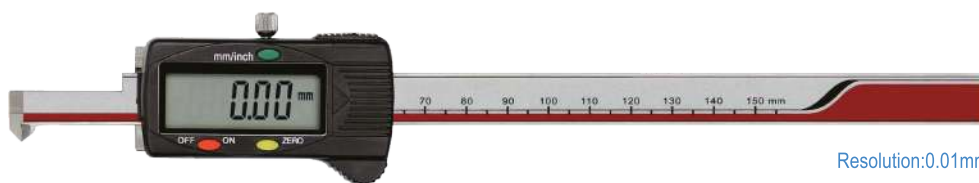


Hook Type Digital Caliper for Inner Grooves

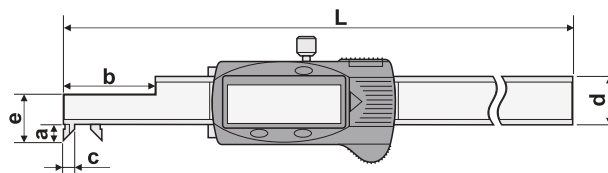
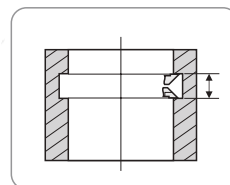
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- Used for inside grooves' width measurements in deep bores
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
115-151	3-125	± 0.03	236	4	24	3	12.5	12
115-151-1	3-150	± 0.03	260	4	24	3	12.5	12
115-152	3-200	± 0.04	310	4	24	3	12.5	12
115-153	4-300	± 0.04	466	5	86	4	15	14

UNUSUAL SHAPED CALIPERS

Digital Welding Seam Gage

JB/T

GB/T

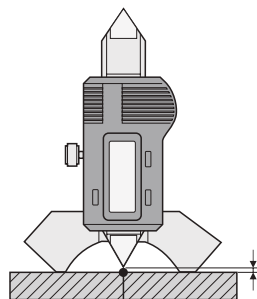
S/STL
hardened



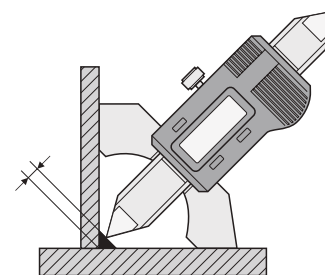
SPC



Resolution:0.01mm



Flat Weld
0-10mm



Angle Welds
0-20mm

Code NO.	Measuring Range mm	Accuracy mm
118-121	0-10/0-20	± 0.03

FEATURES

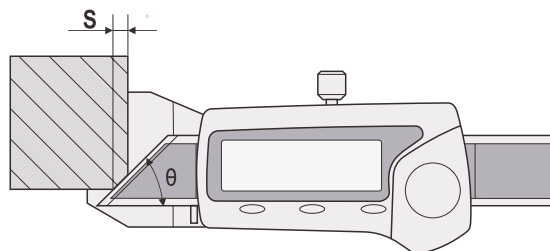
- Used for measuring welding seam thickness
- With 60°, 70°, 80°, 90° angle models
- Easy to carry
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Digital Chamfering Caliper

S/STL
hardened



Resolution:0.01mm



FEATURES

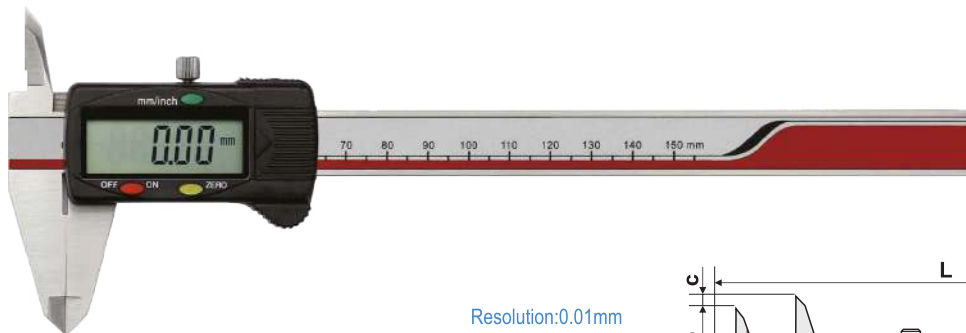
- Mm/inch conversion at any position
- Easy to carry due to light weight
- Angle can be customized

Code No.	Measuring Range mm	Accuracy mm	Angle of chamfering
119-420	0-10	±0.05	30°
119-420-1	0-10	±0.05	45°
119-420-2	0-10	±0.05	60°

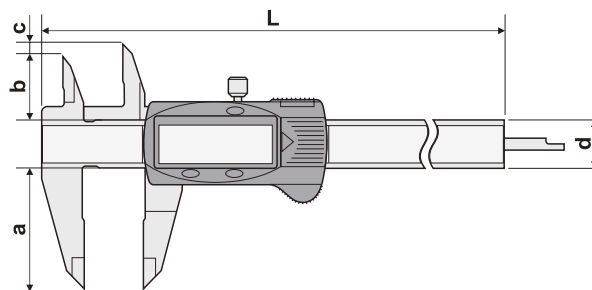
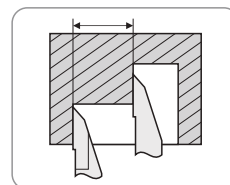


UNUSUAL SHAPED CALIPERS

Digital Caliper with Upper Jaws in One Direction



Resolution:0.01mm



FEATURES

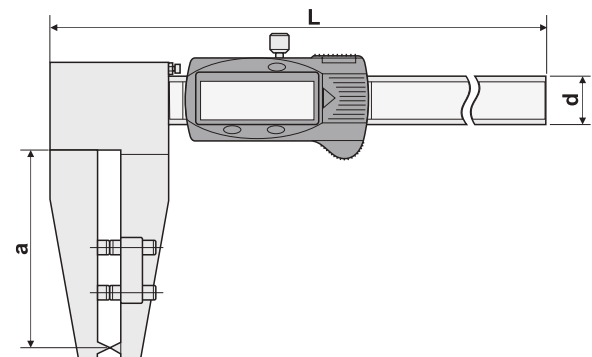
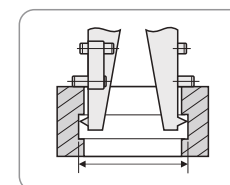
- Used for measuring the distance of surface in the same direction
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
112-211	0-150	± 0.03	236	40	21	0	16
112-211-1	0-150	± 0.03	236	40	21	5	16
112-212	0-200	± 0.03	286	50	24	0	16
112-212-1	0-200	± 0.03	286	50	24	8	16
112-213	0-300	± 0.04	400	60	26	0	16
112-213-1	0-300	± 0.04	400	60	26	10	16

Digital Brake Drum Caliper



Resolution:0.01mm



FEATURES

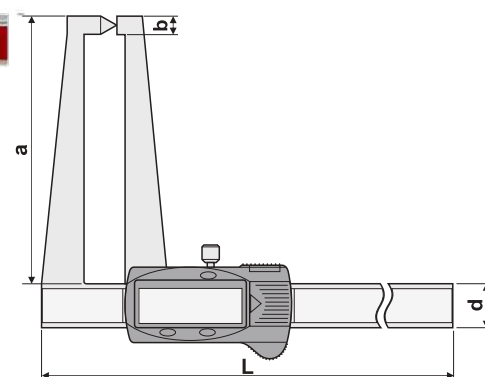
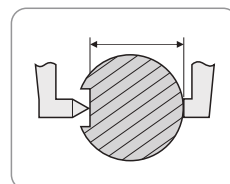
- Used for measuring the wear of brake drum of cars
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	d mm
113-163	0-300	± 0.05	445	85	20
113-164	0-425	± 0.07	570	110	20
113-165	0-500	± 0.07	710	115	24

Digital Caliper with Single Measuring Tip



Resolution:0.01mm



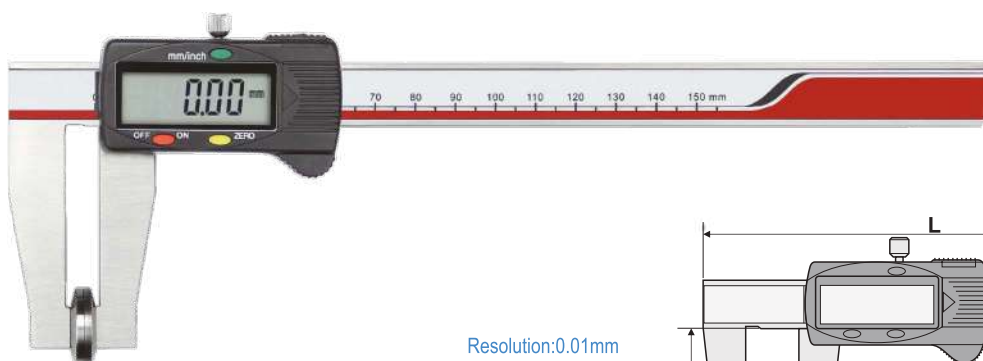
FEATURES

- Used for measuring the thickness of disc brake
- Used for measuring the thickness of groove such as keyways
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

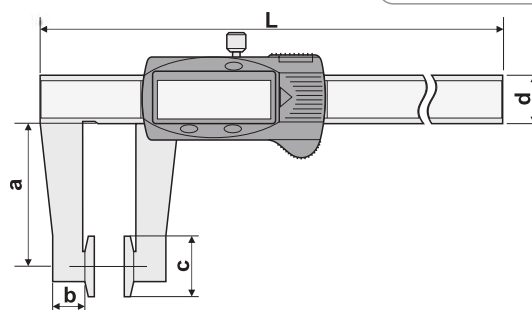
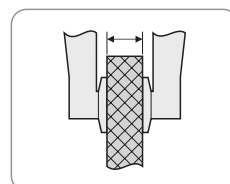
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
114-121A	0-75	± 0.04	178	93	6	16
114-122A	0-125	± 0.05	230	93	6	16
114-123A	0-150	± 0.05	266	93	6	16

F

Digital Caliper with Plate Anvils



Resolution:0.01mm



FEATURES

- Used for measuring the thickness of half soft board (foam, sponge, plank)
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
112-141	0-150	± 0.04	245	50	11	Ø20	16
112-141-1	0-150	± 0.04	270	100	13	Ø50	20
112-142	0-200	± 0.05	310	80	11	Ø30	16
112-142-1	0-200	± 0.05	380	150	20	Ø30	24
112-143	0-300	± 0.06	420	120	13	Ø50	20
112-144	0-500	± 0.07	680	150	20	Ø50	24



UNUSUAL SHAPED CALIPERS

Digital Thickness Caliper

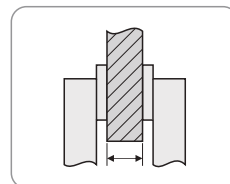
S/STL
hardened



SPC



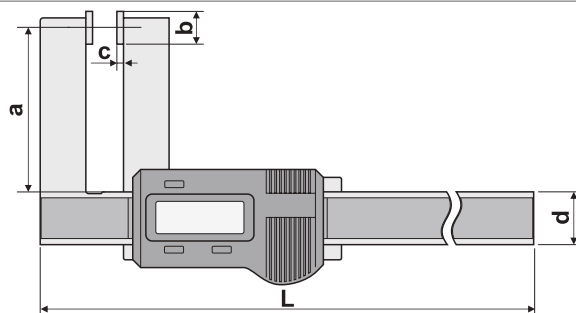
Resolution: 0.01mm



FEATURES

- Used for measuring the thickness of various of board materials
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

货号 Code NO.	测量范围 Measuring Range mm	精度 Accuracy mm	L mm	a mm	b mm	c mm	d mm
112-181	0-50	± 0.04	140	50	Ø10	2	13
112-181-1	0-50	± 0.04	140	80	Ø10	2	13
112-181-2	0-50	± 0.04	140	100	Ø10	2	13
112-181-3	0-50	± 0.04	180	150	Ø10	2	24
112-181-4	0-50	± 0.04	180	200	Ø10	2	24
112-182	0-80	± 0.04	170	50	Ø10	2	13
112-182-1	0-80	± 0.04	170	80	Ø10	2	13
112-182-2	0-80	± 0.04	170	100	Ø10	2	13
112-182-3	0-80	± 0.04	210	150	Ø10	2	24
112-182-4	0-80	± 0.04	210	200	Ø10	2	24



F

Digital Caliper for Outer Arc Radius Measurement

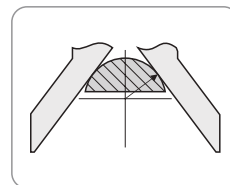
S/STL
hardened



SPC

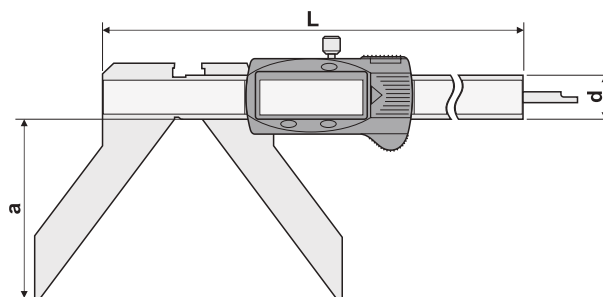


Resolution: 0.01mm



FEATURES

- Used for measuring arc radius less than 180°
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	d mm
118-131	5-150	± 0.06	263	65	16
118-132	5-200	± 0.10	315	85	16

UNUSUAL SHAPED CALIPERS

Digital Caliper for Universal Joint

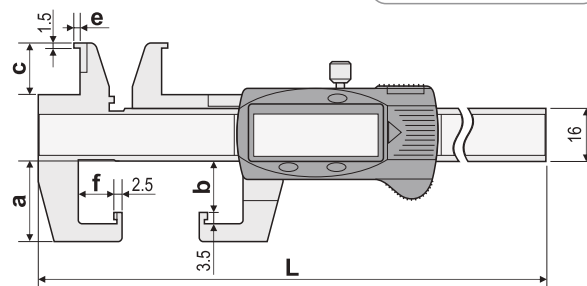
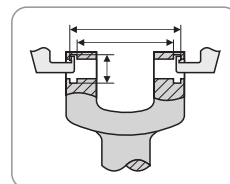
S/STL
hardened



SPC



Resolution: 0.01mm



FEATURES

- Used for gimbal groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	e mm	f mm
115-170	0-125	± 0.03	232	25	16	16	2	11
115-171	0-150	± 0.03	258	25	16	16	2	11
115-172	0-200	± 0.03	312	30	21	16.5	2.5	13
115-173	0-300	± 0.04	420	30	21	16.5	2.5	13

F

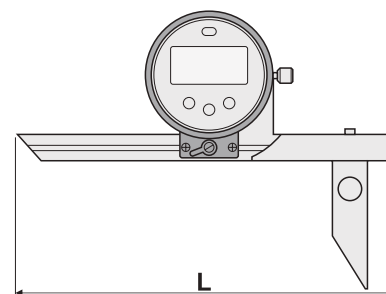
Absolute Digital Universal Bevel Protractor

GB/T

S/STL
hardened



Resolution: 1' / 0.01°



FEATURES

- Absolute and Relative Measurement conversion, no need calibration again after power off or battery changed.
- Auto power off time: 5 mins no use it auto power off
- Anti interference level: EMC-2 level

Code NO.	Blade Code NO.	Measuring Range mm	Accuracy mm	Operating Temperature	L mm
421-501	—	1x360° 2x180° 4x90°	± 4' (± 0.07°)	0°C-40°C	—
—	421-501-001B-1	—	—	—	150
—	421-501-001B-2	—	—	—	200
—	421-501-001B-2	—	—	—	300



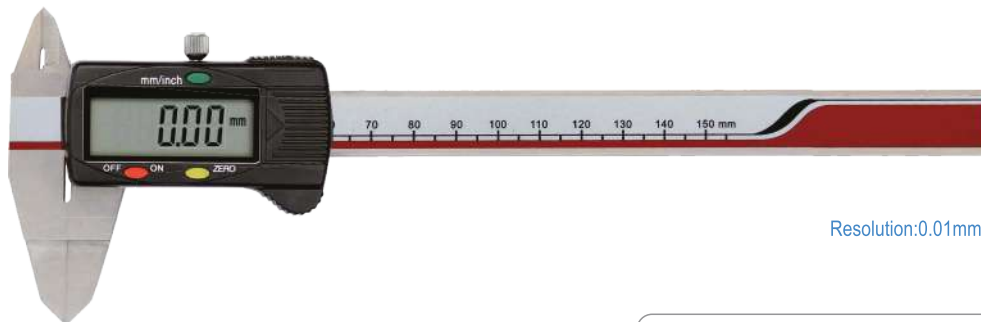
UNUSUAL SHAPED CALIPERS

Digital Caliper with Thin Jaws

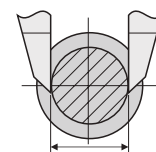
S/STL
hardened



SPC



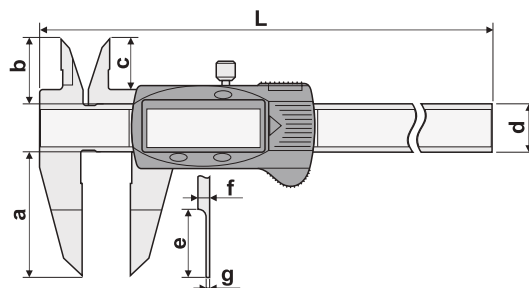
Resolution:0.01mm



FEATURES

- Used for narrow groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm
111-211	0-150	± 0.04	236	40	21	16.5	16	20	3.2	0.75
111-211-1	0-150	± 0.04	236	40	21	16.5	16	18	3.2	0.75
111-212	0-200	± 0.04	286	50	24	19.5	16	20	3.6	0.75
111-212-1	0-200	± 0.04	286	50	24	19.5	16	18	3.6	0.75
111-213	0-300	± 0.04	400	60	26	21.5	16	20	3.8	1
111-213-1	0-300	± 0.04	400	60	26	21.5	16	18	3.8	1



Digital Gear Tooth Caliper

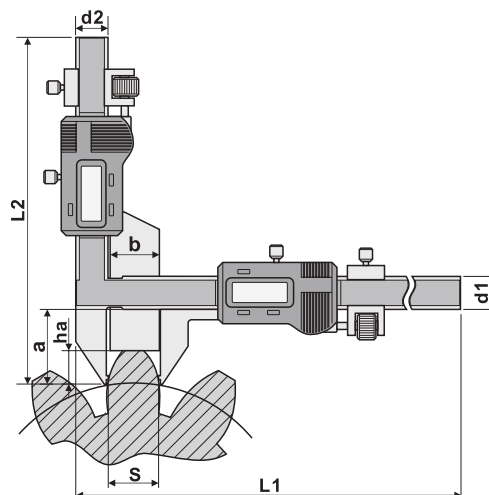
GB/T

S/STL
hardened



Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	L1 mm	L2 mm	a mm	b mm	d1 mm	d2 mm
118-171D	m1-26	± 0.04	170	165	30.5	21	16	16
118-172D	m5-50	± 0.04	220	190	55	50.5	16	16



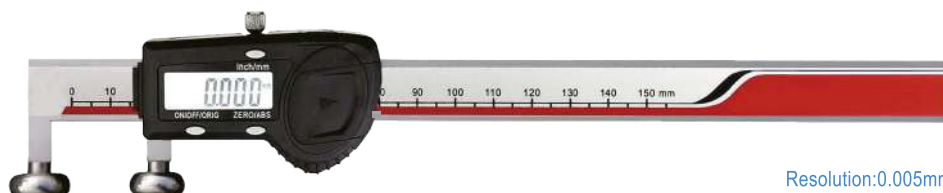
FEATURES

- Used for measuring gear thickness
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

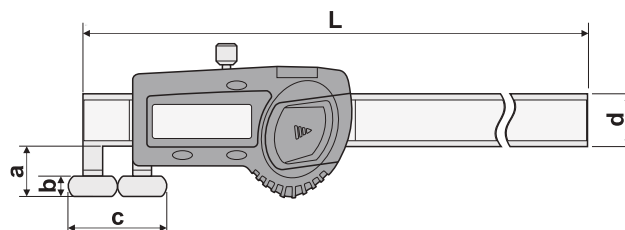
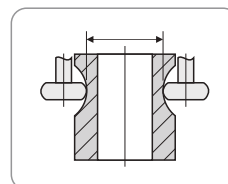
Digital Caliper with High Precision Readout for Inside and Outside Grooves

S/STL
hardened


SPC



Resolution: 0.005mm



FEATURES

- Drum-shaped measuring faces used for measuring the arc-shaped outside and inside groove (such as pulley groove)
- High accuracy readout , 0.005mm resolution
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
115-188	ID:20-100 OD:0-120	± 0.04	210	15	6	20	16
115-188-1	ID:30-100 OD:0-120	± 0.04	220	15	6	30	16

F

Standard Lower Jaws Digital Caliper with Special Upper Jaws (Hook Type Depth Bar)

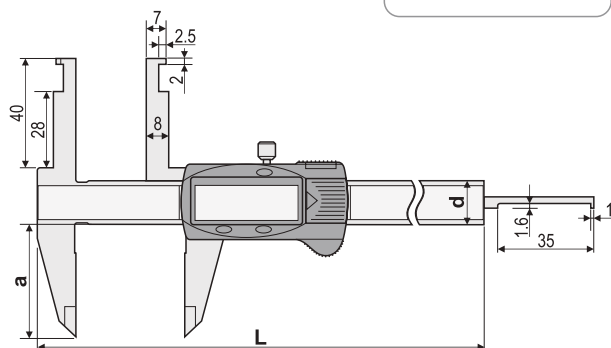
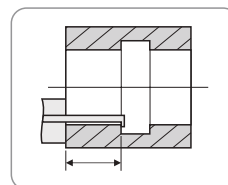
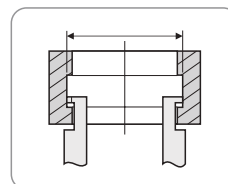
JB/T

S/STL
hardened


SPC



Resolution: 0.01mm



FEATURES

- Long upper jaws used for inside groove measurements
- With a single hook depth bar, convenient for the groove measurements in a deep bore
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	d mm
113-201	Upper jaw: 7-150 Lower jaw: 0-150	± 0.03	236	40	16



UNUSUAL SHAPED CALIPERS

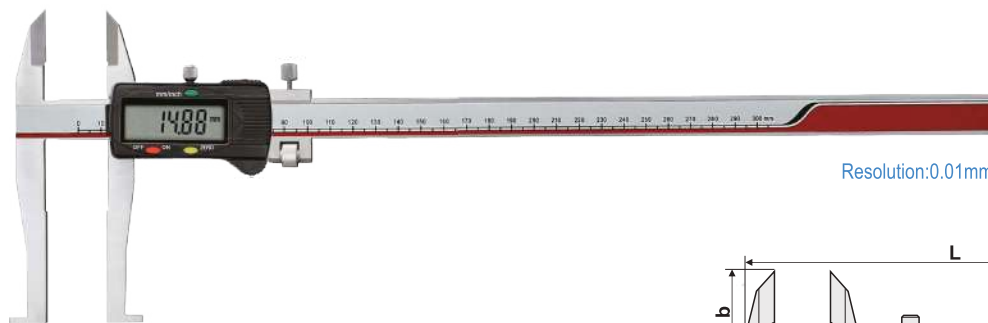
Standard Upper Jaws Digital Caliper with Special Lower Jaws

JB/T

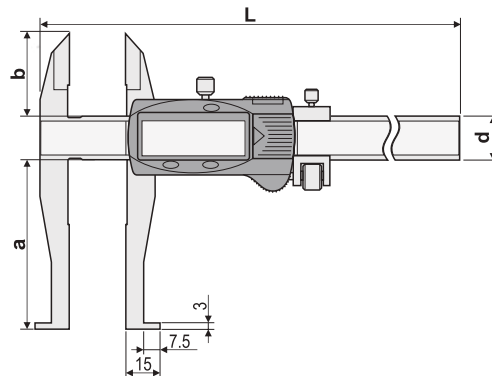
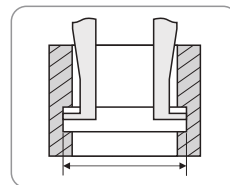
S/STL
hardened



SPC



Resolution: 0.01mm



FEATURES

- Long lower jaws used for inside groove measurements, upper jaws are used for OD measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
115-453	Upper jaw: 0-300 Lower jaw: 30-300	± 0.04	410	77	38	17

Standard Lower Jaws Digital Caliper with Special Upper Jaws

JB/T

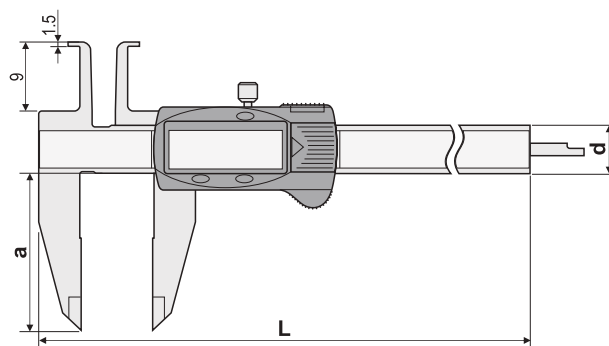
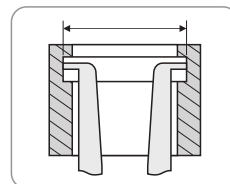
S/STL
hardened



SPC



Resolution: 0.01mm



FEATURES

- Upper jaws are used for inside groove measurements. Lower jaws are used for OD measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	d mm
115-431	Upper jaw: 5-150 Lower jaw: 0-150	± 0.03	236	40	16

T Type Digital Scribing Caliper

JB/T

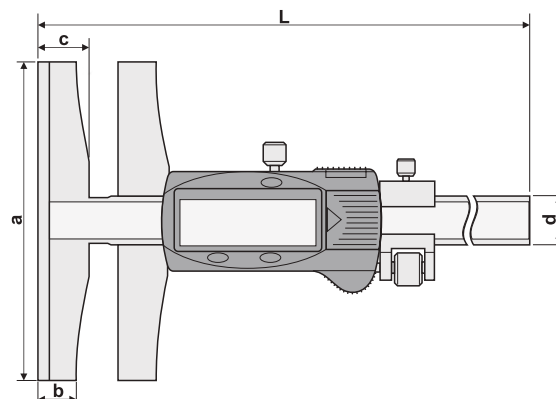
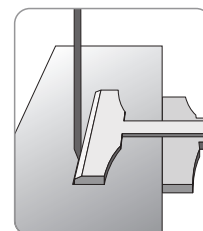
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- Easy for scribing
- Can hold the measurements

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
121-501	0-150	± 0.07	275	100	10	15	17
121-502	0-200	± 0.07	325	100	10	15	17
121-504	0-300	± 0.08	430	100	10	15	17

F

Digital Caliper for Outside Grooves

JB/T

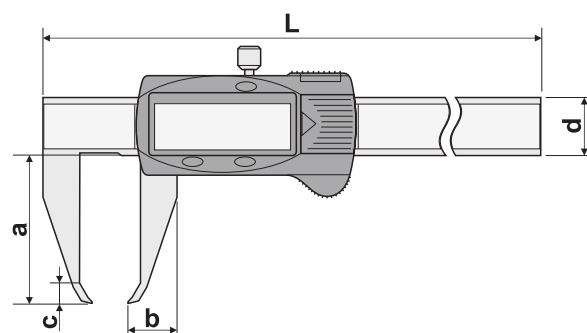
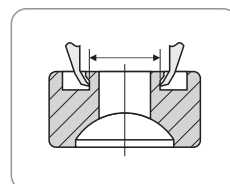
S/STL
hardened



SPC



Resolution:0.01mm



FEATURES

- Used for special outside groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
114-330	0-100	± 0.03	200	40	13.2	5.4	16



UNUSUAL SHAPED CALIPERS

Digital Caliper for Seal Grooves

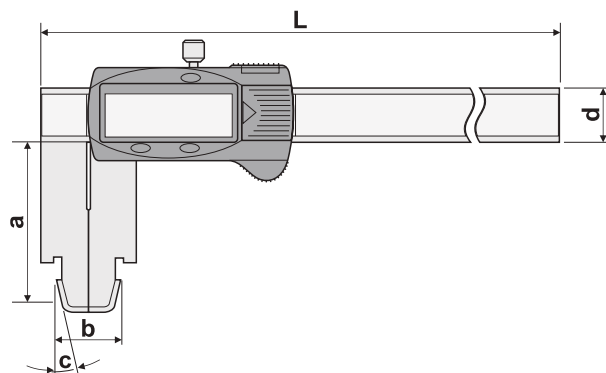
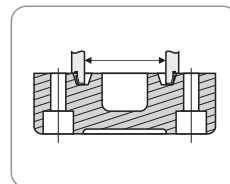
S/STL
hardened



SPC



Resolution: 0.01 mm



FEATURES

- Used for measuring the distance between two V-shape seal grooves
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c	d mm
115-463	0-300	± 0.03	410	50	19	9°30'/10°/12°/45°14°	17
115-463-1	0-300	± 0.03	410	60	19	9°30'/10°/12°/45°14°	17

Digital Caliper with Round Measuring Points for Inside Grooves

JB/T

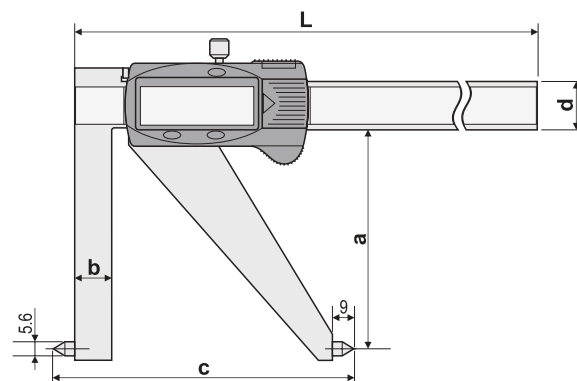
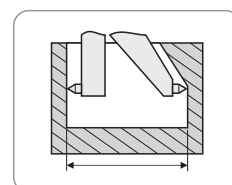
S/STL
hardened



SPC



Resolution: 0.01 mm

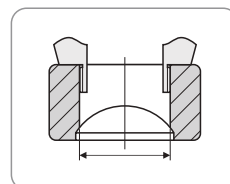


FEATURES

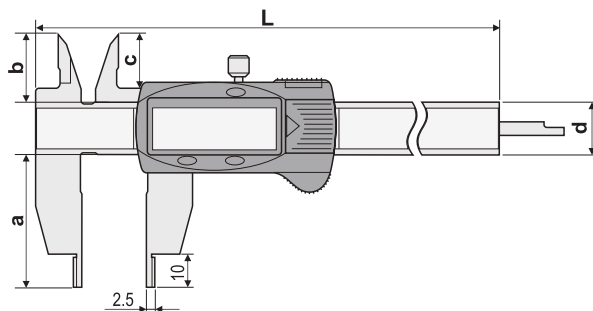
- Used for inside groove measurements on a bevel surface
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
115-473	120-250	± 0.03	350	80	12	120	16
115-475	120-500	± 0.04	640	100	15	120	20

Digital Caliper for Locating the Base Level



Resolution:0.01mm



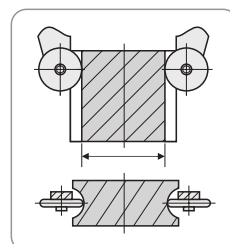
FEATURES

- Locating blocks are easy for ID measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

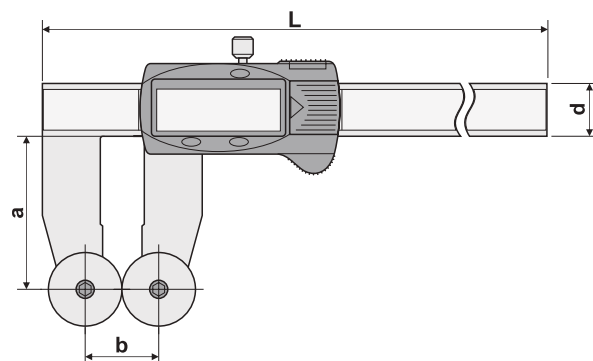
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
112-661	0-150	± 0.03	236	40	21	16.5	16
112-662	0-200	± 0.03	286	50	24	19.5	16
112-663	0-300	± 0.04	400	60	26	21.5	16

F

Digital Caliper with Arc-Shape Measuring Anvils for Inside and Outside Groove



Resolution:0.01mm



FEATURES

- Arc-shape measuring faces
- Used for measuring the arc-shaped outside and inside groove (such as pulley groove)
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
111-500-T1	0-300	± 0.05	415	40	36	17
111-504-T1	0-500	± 0.06	670	80	44	24



UNUSUAL SHAPED CALIPERS

Digital Caliper with Flat Measuring Points and Locating Blocks for Inside Grooves

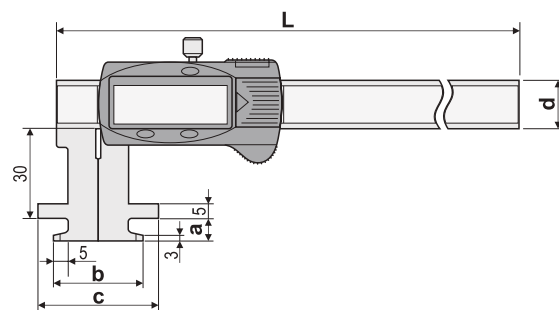
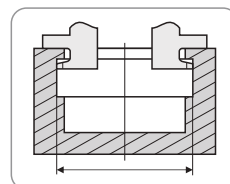
S/STL
hardened



SPC



Resolution: 0.01 mm



FEATURES

- Jaws with locating blocks, easy for fast inside groove measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

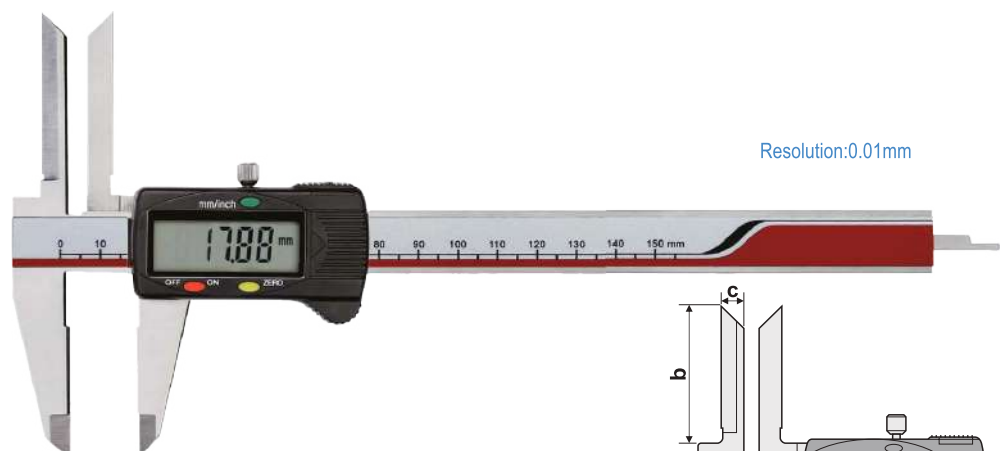
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
115-101B	0-150	± 0.04	250	7.5	30	40	16
115-101B-1	0-150	± 0.04	250	7	30	40	16
115-101B-2	0-150	± 0.04	250	10.6	30	40	16
115-101B-3	0-150	± 0.04	250	7.5	20	35	16
115-101B-4	0-150	± 0.04	250	7.5	20	40	16
115-101B-5	0-150	± 0.04	250	7.5	30	35	16

Digital Caliper with Long Knife-edged Upper Jaws

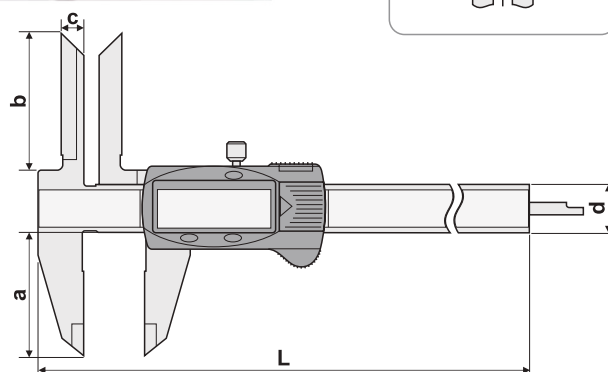
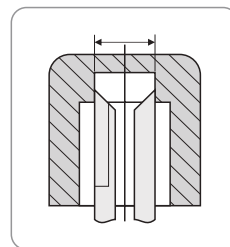
S/STL
hardened



SPC
数値箱口



Resolution: 0.01 mm

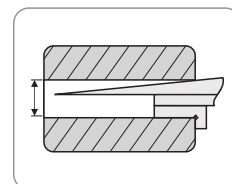


FEATURES

- Long upper jaws easy for ID measurements in the depth bore
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
113-111	0-150	± 0.04	236	40	45	7.5	16
113-112	0-200	± 0.04	286	50	50	7.5	16
113-113	0-300	± 0.05	400	60	45	7.5	17

SPC

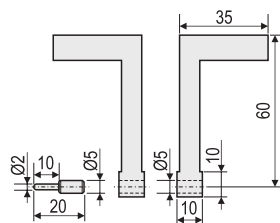
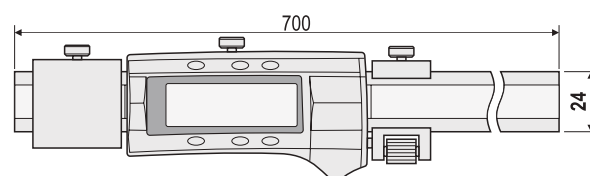


Technical drawing of the 311 measuring tool. The main view shows a side profile of the tool with a total length of 311 mm. The tool features a large LCD display, a small sensor at the top, and a measurement rod with a diameter of 16 mm. Two detail views are provided: (Stop Block I) shows a rectangular block with a height of 4 mm and a width of 15 mm; (Stop Block II) shows a rectangular block with a height of 14 mm and a width of 15 mm.

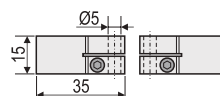
Code NO.	Measuring Range mm	Accuracy mm
043-201	0.2-10	+ 0.03

Additional Stop Block	Measuring Range mm
(Stop Block I)	10-20
(Stop Block II)	20-30

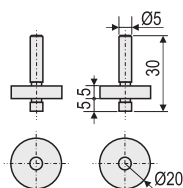
SPC



118-455-020-050



Code NO.	Measuring Range mm	Accuracy mm
118-455	0-500	+ 0.05



118-455-020B-050

- Various exchangeable measuring tips for option
- Used for ID, OD and centre distance measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position



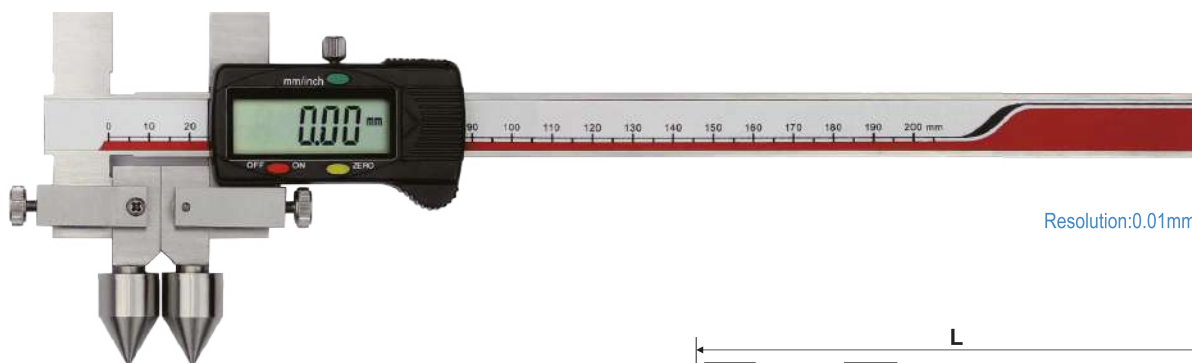
UNUSUAL SHAPED CALIPERS

Universal Digital Caliper with Exchangeable Measuring Points

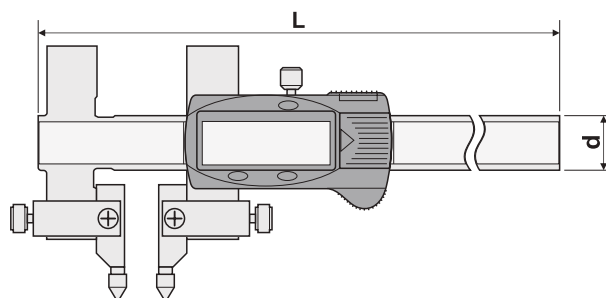
S/STL
hardened



SPC



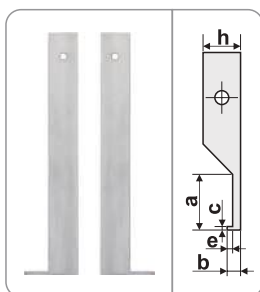
Resolution: 0.01mm



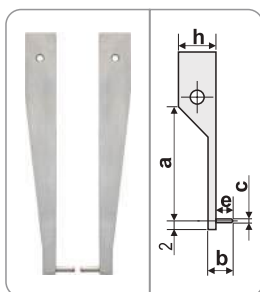
FEATURES

- Various exchangeable measuring tips for option
- Used for ID, OD and centre distance measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

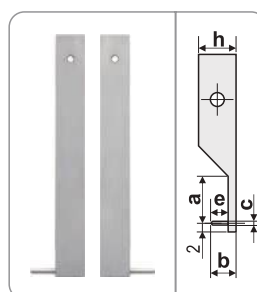
Code NO.	Measuring Range mm	Accuracy mm	L mm	d mm
118-412	0-200	± 0.06	286	16
118-413	0-300	± 0.06	400	17



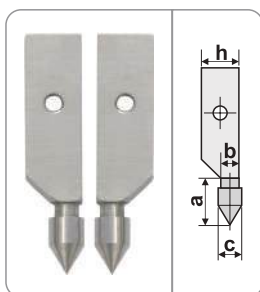
Code NO.	a mm	b mm	c mm	e mm	h mm
118-412-020A-01	12	2.5	0.4	1	8
118-412-020A-02	16	3.5	0.4	2	8
118-412-020A-03	25	7.5	0.6	5	8
118-412-020A-04	30	10	1	6.5	8
118-412-020A-05	80	22	1.5	10	12



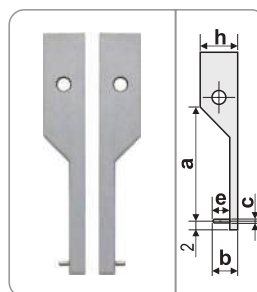
Code NO.	a mm	b mm	c mm	e mm	h mm
118-412-020C-01	70	12	Ø2	7	12
118-412-020C-02	70	12	Ø4	7	12



Code NO.	a mm	b mm	c mm	e mm	h mm
118-412-020B-01	20	5	Ø1	2	8
118-412-020B-02	40	10	Ø2	5	8
118-412-020B-03	80	22	Ø2	10	12



Code NO.	a mm	b mm	c mm	e mm	h mm
118-412-020E-01	10	4	Ø5	8	
118-412-020E-02	20	4	Ø10	8	
118-412-020E-03	25	8	Ø15	12	



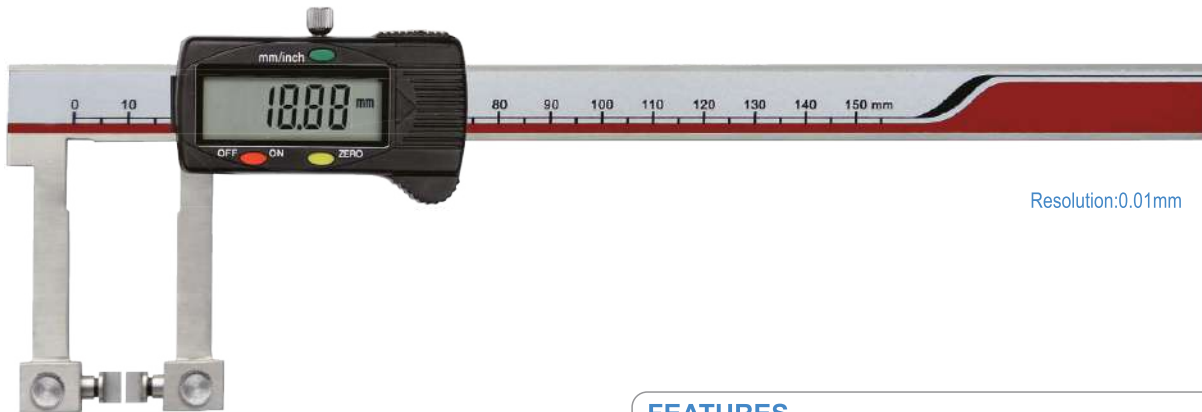
Code NO.	a mm	b mm	c mm	e mm	h mm
118-412-020D-01	70	12	Ø2	7	12
118-412-020D-02	70	12	Ø4	7	12

Digital Caliper with Exchangeable Measuring Points

S/STL
hardened



SPC

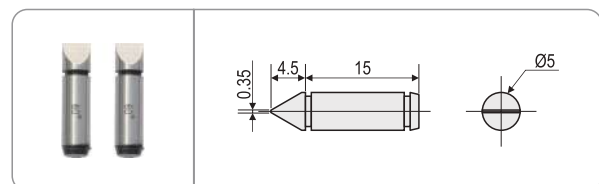
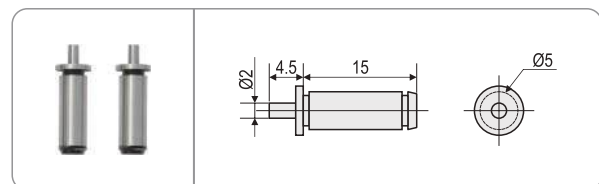
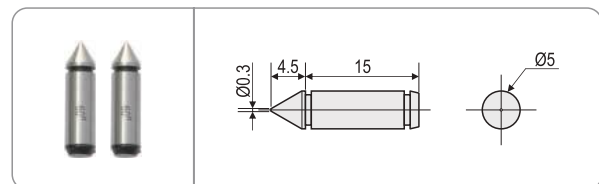
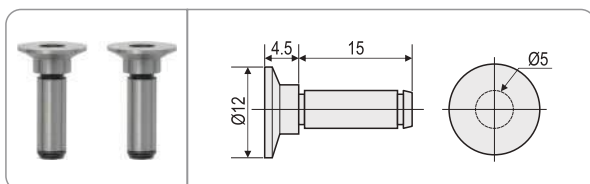
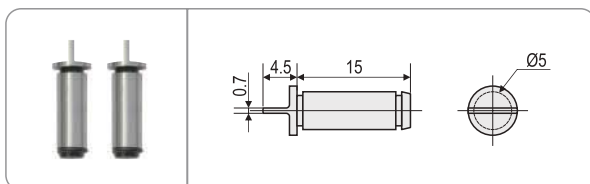
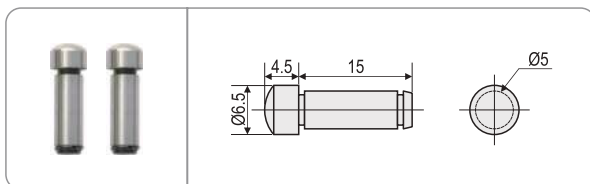
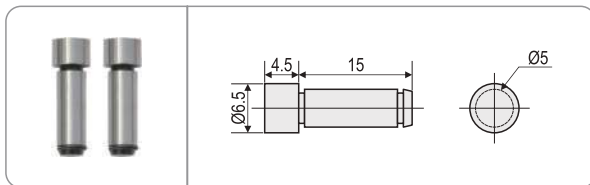
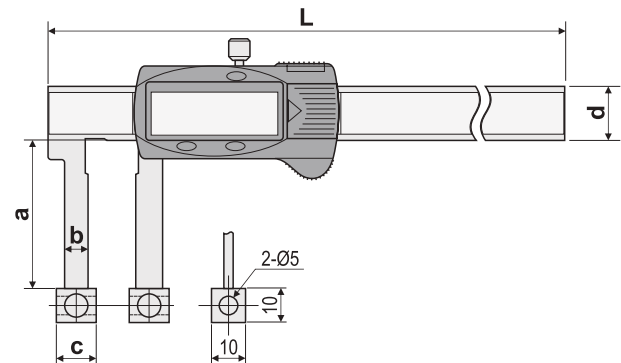


Resolution: 0.01mm

FEATURES

- Various exchangeable measuring points for option
- Used for ID, OD, Thickness measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
115-441A	0-150	± 0.04	250	45	7	12	16
115-442A	0-200	± 0.04	310	85	10	12	16
115-443A	0-300	± 0.05	410	100	15	12	16
115-445Z-A	0-500	± 0.06	680	140	20	12	24



F



Digital Caliper with High-low Lines

S/STL
hardened

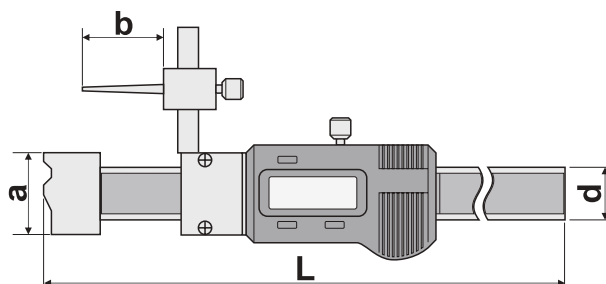


SPC



Resolution:0.01mm

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
121-100T2	-10-30	± 0.02	132	20	21	13

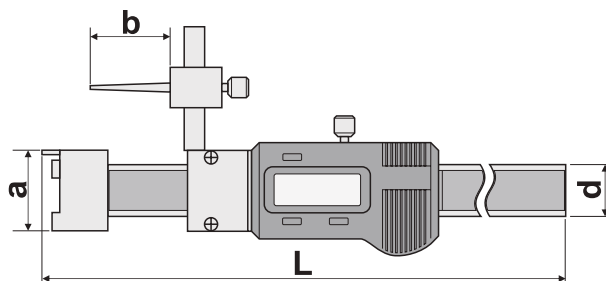


F



Resolution:0.01mm

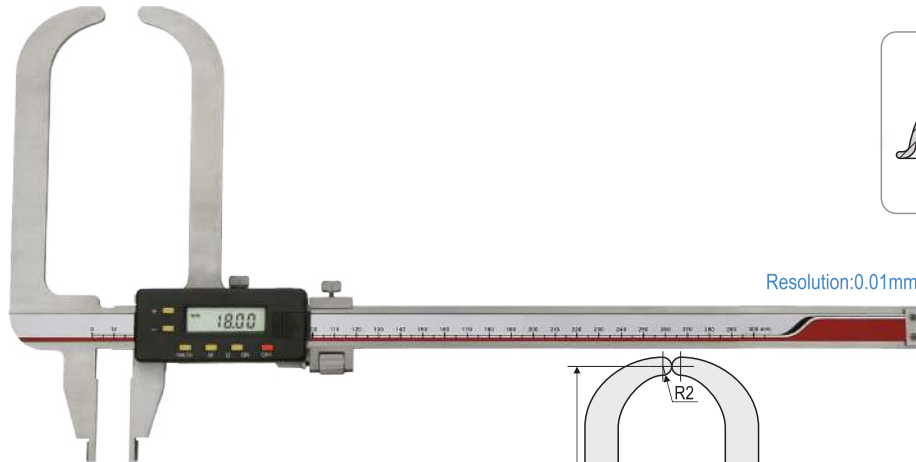
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	d mm
121-100T3	-10-30	± 0.02	133	25	21	13



FEATURES

- Special design for lampshade measurement, easy to carry
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

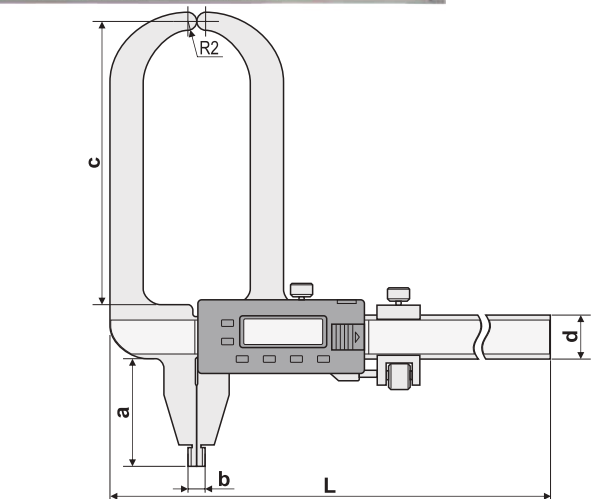
Digital Caliper with Half-round Jaws

S/STL
hardened

Resolution:0.01mm

FEATURES

- Functions and features : easy used for helmet and arc-type thickness measurements
- Lower tips easy for ID measurements
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position
- With preset function, data hold and with fine-adjustment device



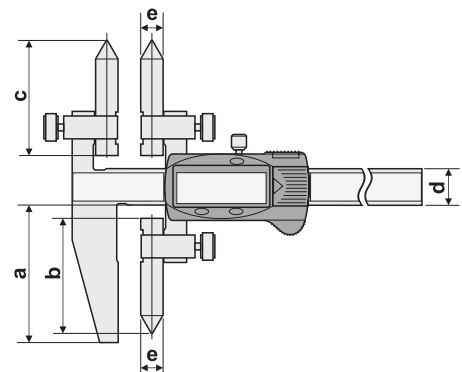
Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
111-502T2	0-300	± 0.05	500	60	10	157.5	24

Center & Edge Distance Digital Caliper

JB/T



Resolution:0.01mm

**FEATURES**

- For measuring hole Center-to-Center and Edge-to-Center distances
- Conical measuring poles

Code NO.	Measuring Range mm	Accuracy mm	a mm	b mm	c mm	d mm	e mm
119-201	Upper jaw: 10-150 Lower jaw: 5-150	± 0.05	60	50	50	16	Ø10
119-202	Upper jaw: 10-200 Lower jaw: 5-200	± 0.07	60	50	50	16	Ø10
119-203	Upper jaw: 10-300 Lower jaw: 5-300	± 0.09	60	50	50	16	Ø10



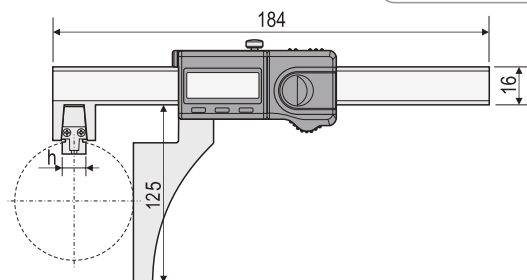
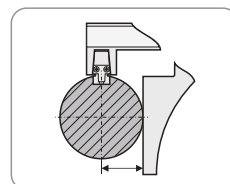
Keyway Symmetry Digital Caliper



NEW



Resolution:0.01mm



FEATURES

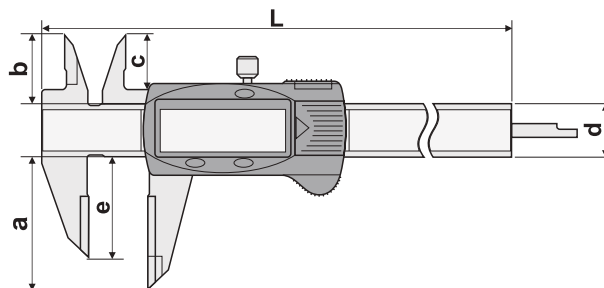
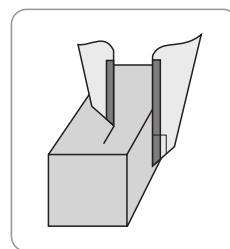
- The measurement range can be achieved by selecting different positioning block combinations: keyway width 6-32mm, shaft diameter 18-20mm
- The radial symmetry of the keyway can be measured simply and directly, and the longitudinal symmetry of the keyway can also be measured through the calculation formula

Code NO.	Positioning Block NO.	Keyway Width h/mm	Shaft Diameter mm	Accuracy mm
118-301A	118-301A-050-1	6	18-24	± 0.05
	118-301A-050-2	8	24-30	± 0.05
	118-301A-050-3	10	30-36	± 0.05
	118-301A-050-4	12	36-42	± 0.05
	118-301A-050-5	14	42-48	± 0.05
	118-301A-050-6	16	45-55	± 0.05
	118-301A-050-7	18	55-65	± 0.05
	118-301A-050-8	20	65-75	± 0.05
	118-301A-050-9	24	75-90	± 0.05
	118-301A-050-10	28	90-105	± 0.05
	118-301A-050-11	32	105-120	± 0.05

Digital Caliper with Scribing Jaws



Resolution:0.01mm



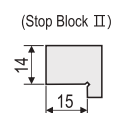
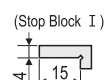
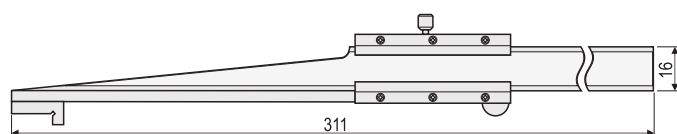
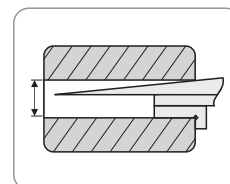
FEATURES

- Used for measuring and scribing
- Carbide-tipped scriber
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
111-251T	0-150	± 0.03	236	40	21	16.5	16	30

Vernier Wedge-shape Feeler Gauge

S/STL
hardened



FEATURES

- Used for gaps width measurements

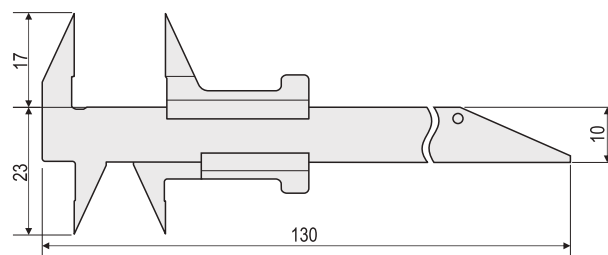
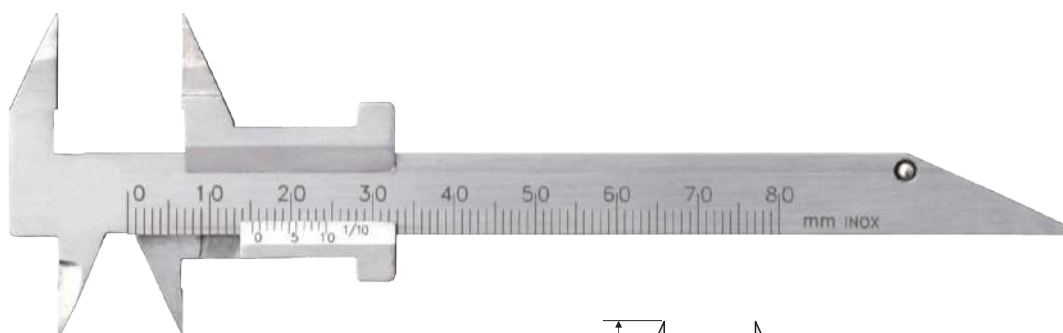
Code NO.	Measuring Range mm	Accuracy mm
041-210	0.2-10	± 0.03

Additional Stop Block	Measuring Range mm
(Stop Block I)	10-20
(Stop Block II)	20-30

F

Special Vernier Caliper for Dentists Purpose

S/STL
hardened



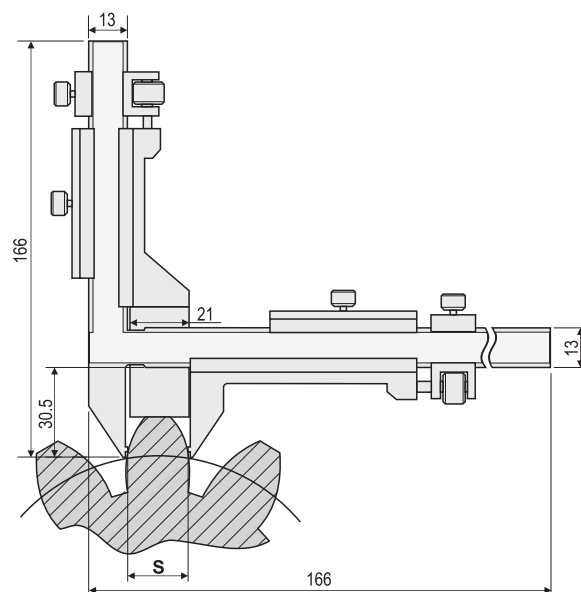
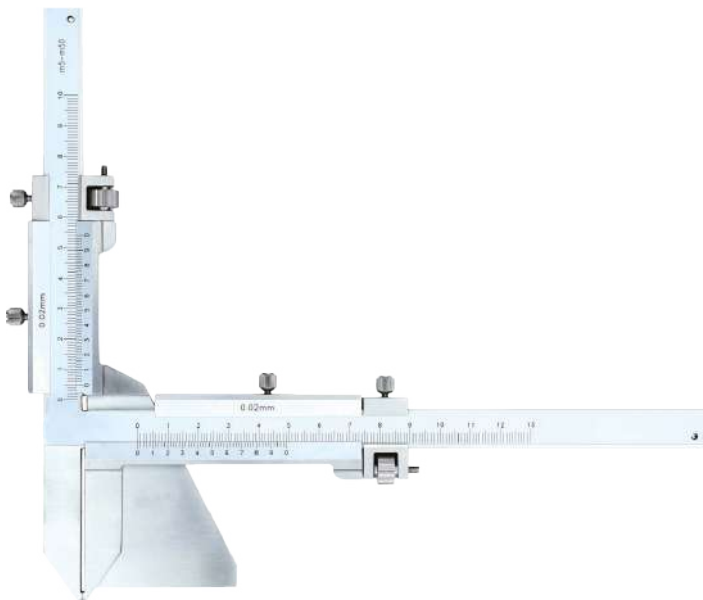
FEATURES

- For dentist's purpose
- Used for measuring workpiece of non-stainless steel

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
149-210	0-70	0.1	± 0.1



Vernier Gear Tooth Caliper

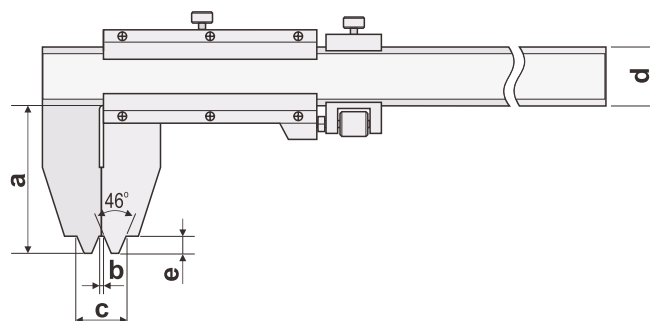
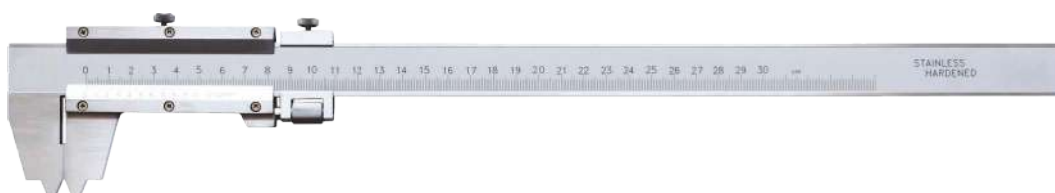


FEATURES

- Facilitate measurement of gear thickness

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
148-112	m1-m26	0.02	± 0.03
148-114	m5-m50	0.02	± 0.04
148-116K	m15-m55	0.02	± 0.04

Special Vernier Caliper for Seal Grooves



FEATURES

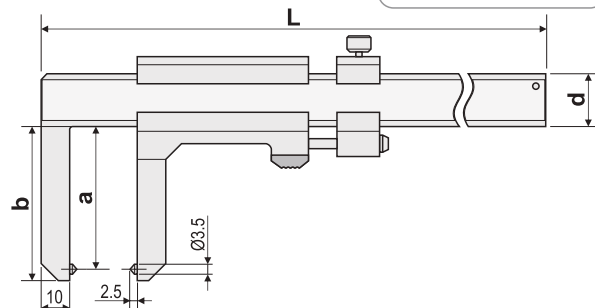
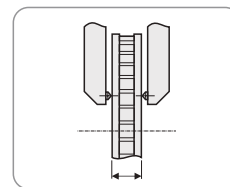
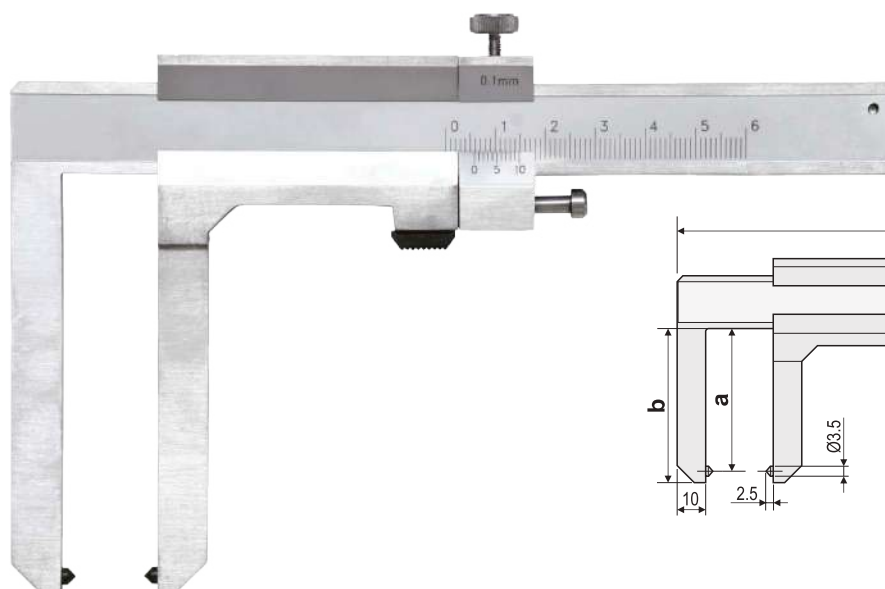
- For measuring the seal groove in valve flange and pipe flange
- For measuring OD of the ring groove
- The jaws' angle is 23°

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	a mm	b mm	c mm	d mm	e mm
145-203KY	0-300	0.02	± 0.05	50	2	20	16	7
145-205KY	0-500	0.02	± 0.06	50	2	25	24	7

UNUSUAL SHAPED CALIPERS

Disc Brake Vernier Caliper

S/STL
hardened



Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	d mm
142-180	0-50	0.1	± 0.1	175	50	53.5	18.5
142-180-1	0-50	0.1	± 0.1	175	80	83.5	18.5
142-181	0-100	0.1	± 0.1	225	120	123.5	18.5

FEATURES

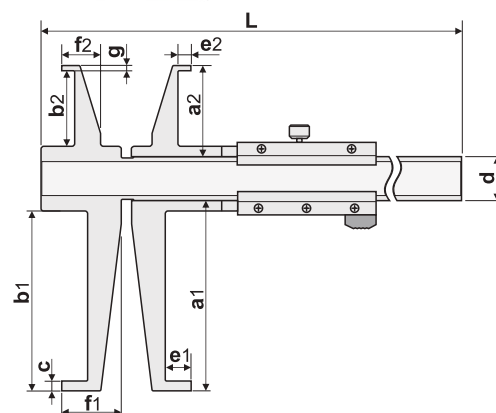
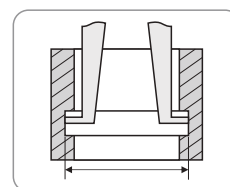
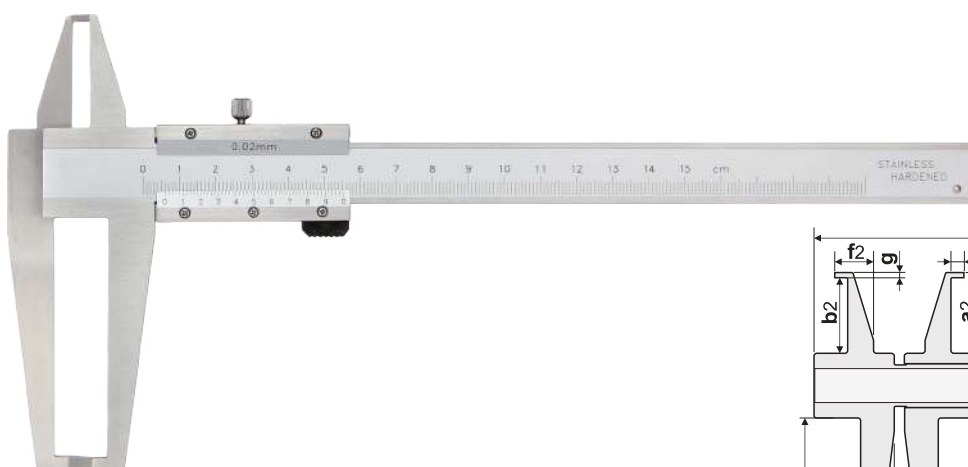
- It will not scratch any workpieces
- Measurement data can be hold when it's difficult to read

F

Vernier Caliper with Knife-edged Measuring Faces for Inside Grooves

JB/T

S/STL
hardened



FEATURES

- Facilitate measurement of a diameter of a narrow groove in a hole through thinner jaws

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a1 mm	a2 mm	b1 mm	b2 mm	c mm	d mm	e1 mm	e2 mm	f1 mm	f2 mm	g mm
145-200AK	Upper jaw:10-125 Lower jaw:18-125	0.02	± 0.03	230	73.5	35.2	70.5	29.2	2.9	16	5	4	17	11	2
145-202AK	Upper jaw:10-150 Lower jaw:18-150	0.02	± 0.03	258	73.5	35.2	69.5	29.2	3.8	17	10	5	23	15	2
145-204AK	Upper jaw:10-200 Lower jaw:18-200	0.02	± 0.03	309	73.5	35.2	69.5	29.2	3.8	17	10	5	23	15	2
145-206AK	Upper jaw:10-300 Lower jaw:18-300	0.02	± 0.04	409	73.5	35.2	69.5	29.2	3.8	17	10	5	23	15	2

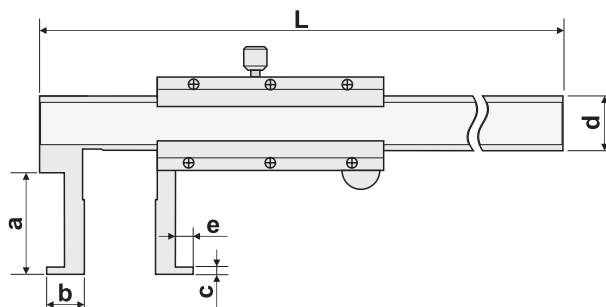
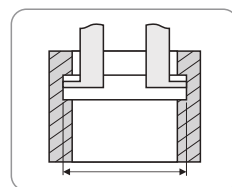
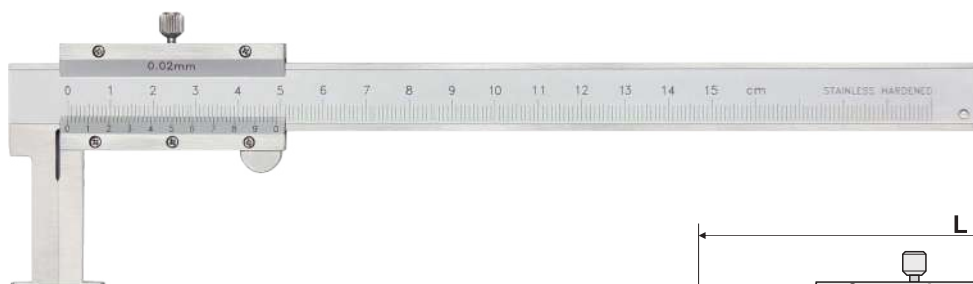


UNUSUAL SHAPED CALIPERS

Vernier Caliper with Flat Measuring Point for Inside Grooves

JB/T

S/STL
hardened



Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
145-221K	18-150	0.02	± 0.04	236	22	9	2	16	5
145-222K	25-200	0.02	± 0.04	286	40	12.5	2	16	5
145-223K	30-300	0.02	± 0.05	400	50	15	2	16	5
145-225K	40-500	0.02	± 0.06	680	90	20	2	20	5

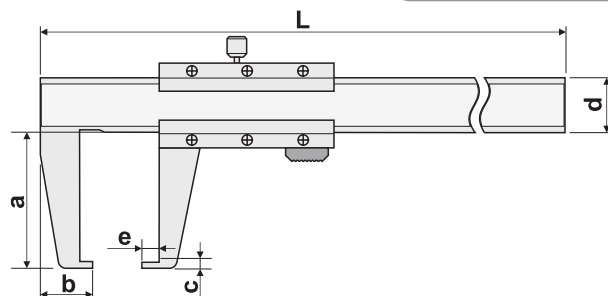
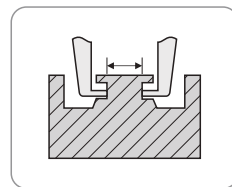
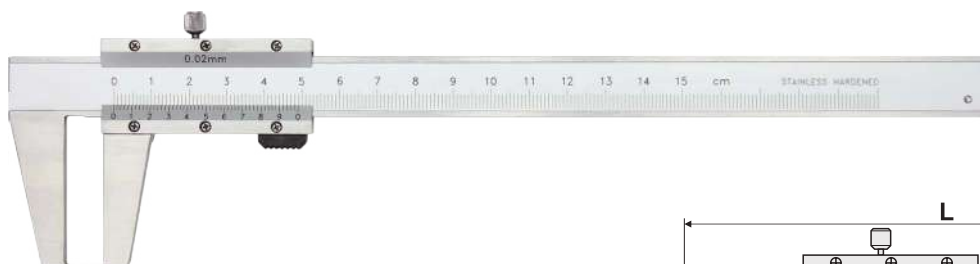
FEATURES

- Facilitate measurement of a diameter of an inside groove in a smaller hole

Vernier Caliper with Flat Measuring Points for Outside Grooves

JB/T

S/STL
hardened

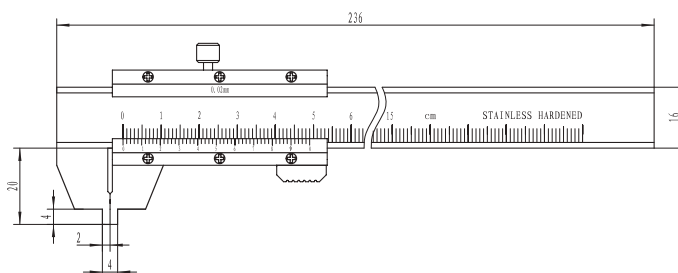
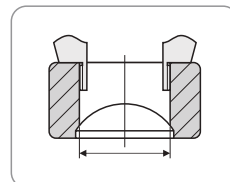
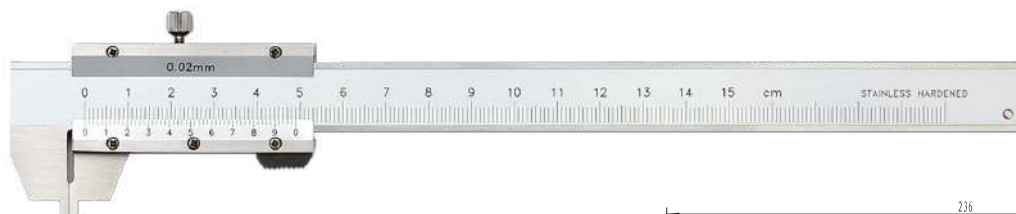


Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm	e mm
144-201K	0-150	0.02	± 0.03	255	40	20	1	16	5
144-201-1K	0-150	0.02	± 0.03	255	70	22	2	16	7
144-202K	0-200	0.02	± 0.03	311	50	25	2	16	8
144-202-1K	0-200	0.02	± 0.03	311	80	25	2	16	8
144-203K	0-300	0.02	± 0.04	470	60	35	2.5	20	15
144-203-1K	0-300	0.02	± 0.04	470	100	35	2.5	20	15

FEATURES

- Can measure the diameter of outside groove of work piece

Vernier Caliper with Anvil for Measuring the Width of Grooves



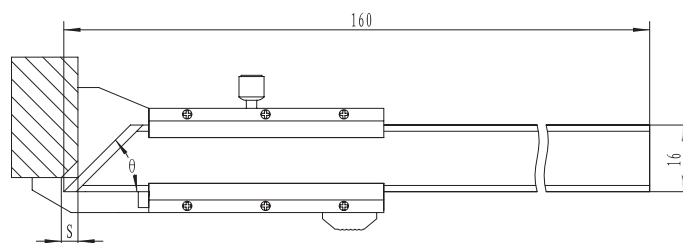
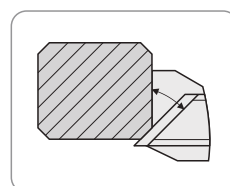
FEATURES

- Used for inside grooves' width measurements in deep bores

Code No.	Measuring Range mm	Graduation mm	Accuracy mm
145-302K	4-150	0.02	±0.04

F

Vernier Caliper for Chamfer Measuring



FEATURES

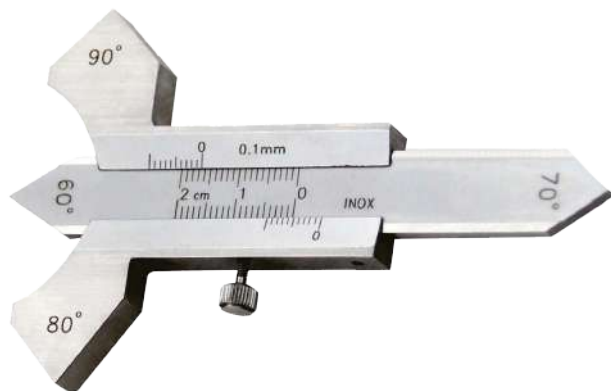
- Used for measuring the dimension of 30°/45°/60° chamfers

Code No.	Measuring Range mm	Graduation mm	Accuracy mm	Angle of chamfering
149-220	0-10	0.02	±0.05	45°
149-220-1	0-10	0.02	±0.05	30°
149-220-2	0-10	0.02	±0.05	60°

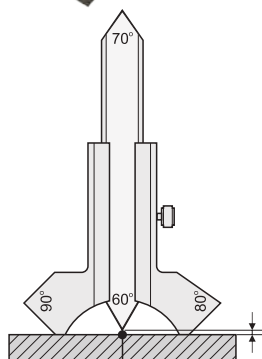


Vernier Welding Seam Gauge

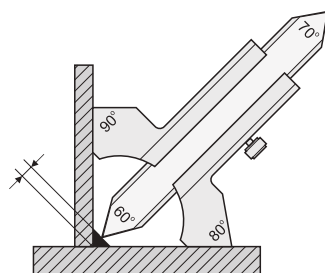
JB/T

S/STL
hardened**FEATURES**

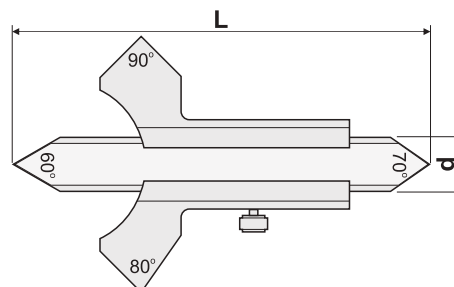
- Measuring the height of flat welds and angle welds
- With 60°、70°、80°、90° board
- Small size for easy carry



Flat Weld

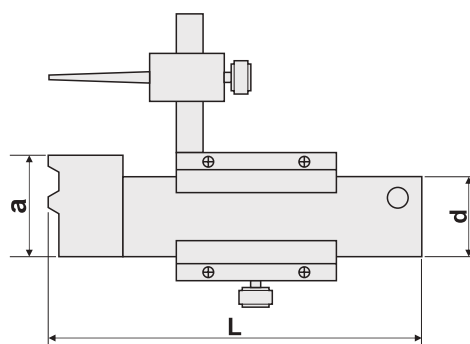
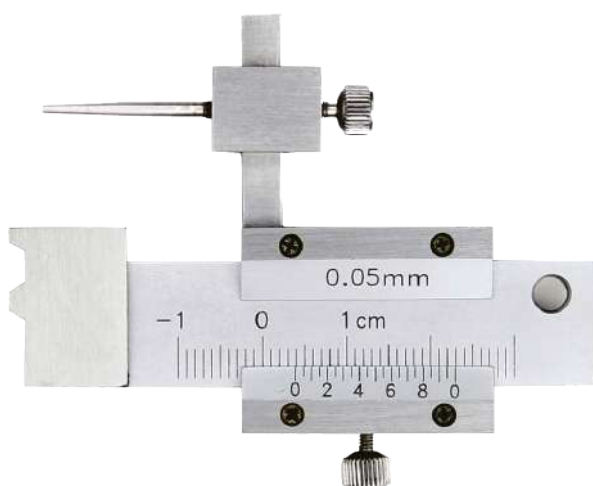


Angle Welds



Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	d mm
149-141	0-10	0.1	± 0.1	100	13

Vernier Caliper for High-low Line Measuring

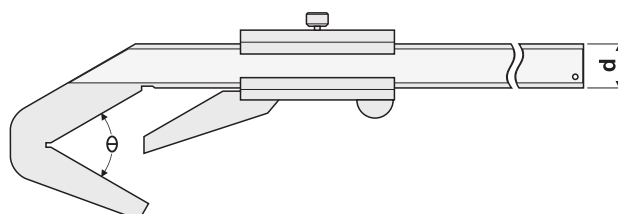
S/STL
hardened**FEATURES**

- Special for measuring the shade of car lamp, small size for easy use

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	d mm
149-231	-10-10	0.05	± 0.05	70	19	15

UNUSUAL SHAPED CALIPERS

Precision 3-point and 5-point Vernier Caliper

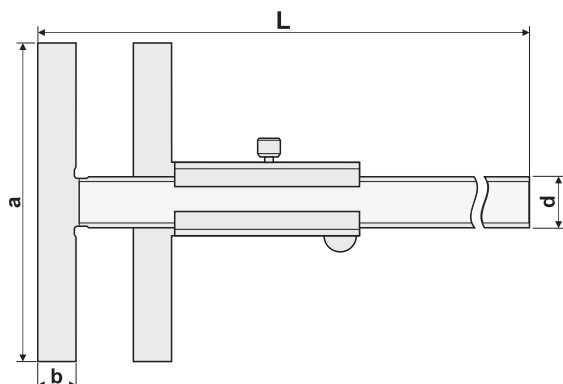
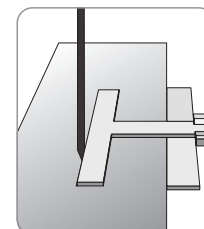
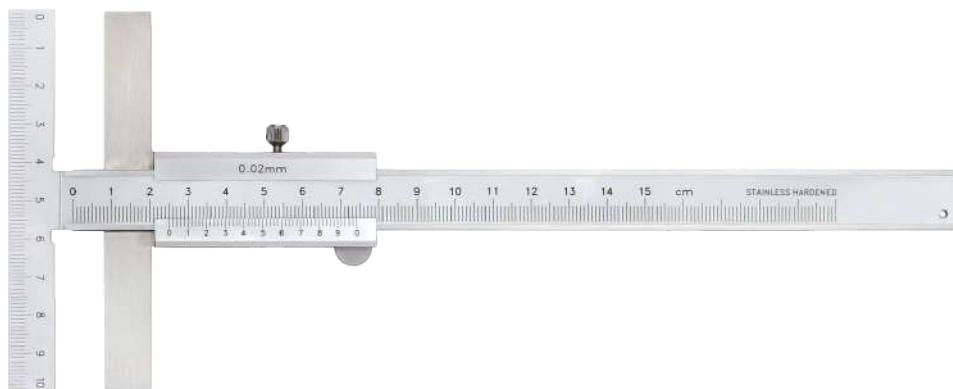


FEATURES

- Used for measuring the OD of milling cutter with Three or Five cutting edges

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	3-point And 5-point	θ	d mm
142-510	4-40	0.05	± 0.05	3	60°	16
142-520	1-40	0.05	± 0.05	5	108°	16

T Type Scribing Vernier Caliper



FEATURES

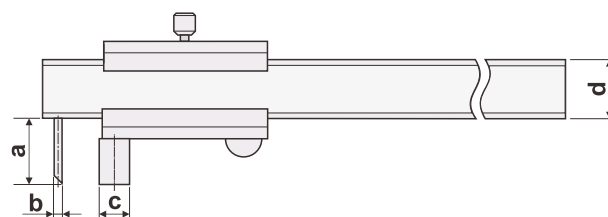
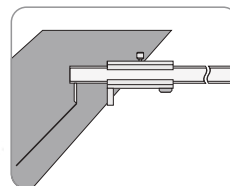
- Easy for scribing
- For depth measuring

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	d mm
159-302	0-150	0.02	± 0.04	250	100	12	16
159-304	0-200	0.02	± 0.04	300	100	12	16
159-306	0-300	0.02	± 0.04	400	100	12	16



UNUSUAL SHAPED CALIPERS

L Type Scribing Vernier Caliper



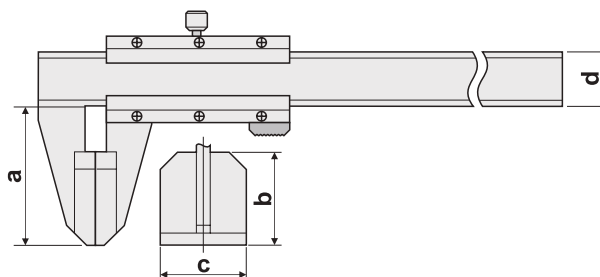
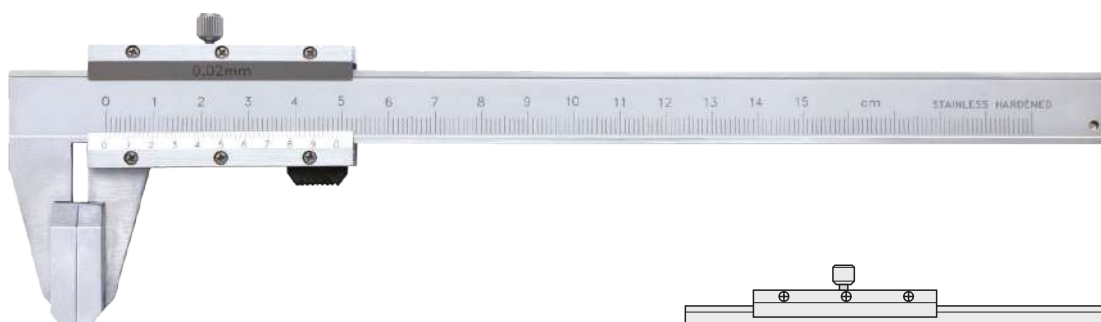
FEATURES

- Easy for scribing parallel lines on work piece
- For measuring tube thickness

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	a mm	b mm	c mm	d mm
146-105	0-200	0.1	± 0.1	16	Ø2	Ø8	16

F

Vernier Caliper with Large-sized Measuring Faces

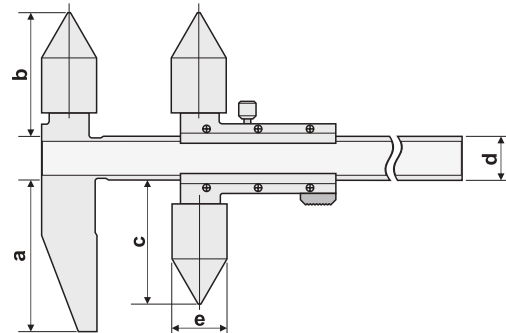
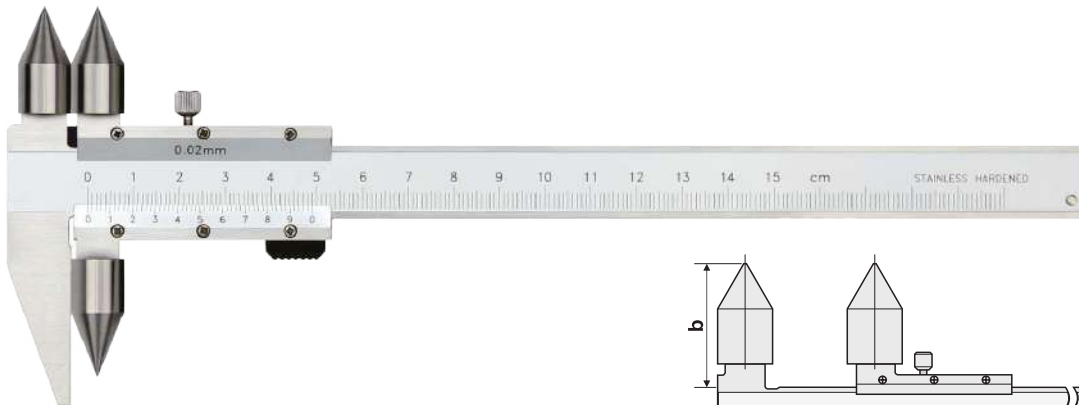


FEATURES

- Used for measuring workpiece with wide surface, like wire rope
- Used for measuring workpiece with soft surface, like foam and rubber

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	a mm	b mm	c mm	d mm	e mm
149-522	0-150	0.02	± 0.04	40	27	25	16	6
149-524	0-200	0.02	± 0.04	40	27	25	16	6

Center & Edge Distance Vernier Caliper

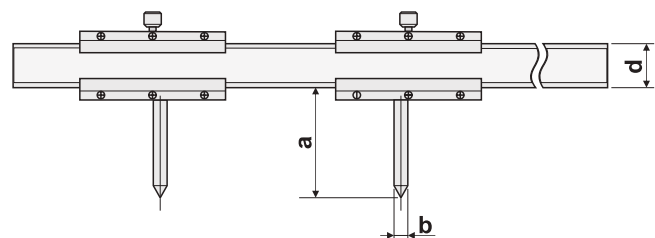
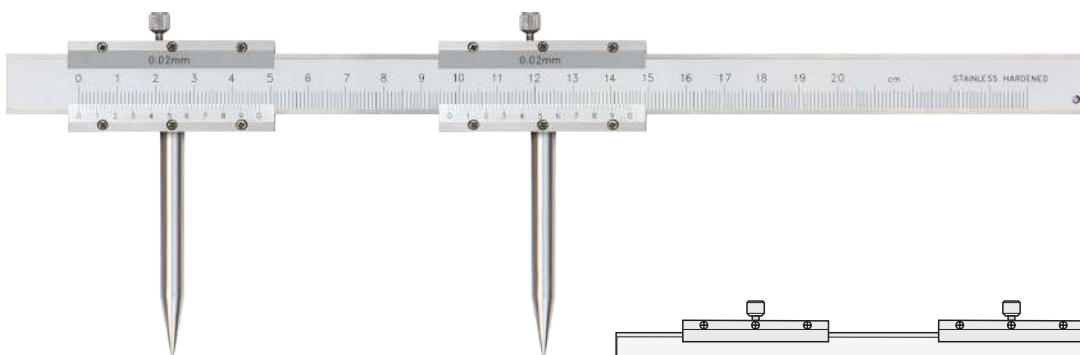
**FEATURES**

- For measuring hole Center-to-Center and Edge-to-Center distances
- Conical measuring poles

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	a mm	b mm	c mm	d mm	e mm
149-252K	10-150	0.02	± 0.04	55	45	45	16	Ø20
149-254K	10-200	0.02	± 0.04	55	45	45	16	Ø20
149-256K	10-300	0.02	± 0.05	55	45	45	16	Ø20

F

Vernier Caliper for Scribing

**FEATURES**

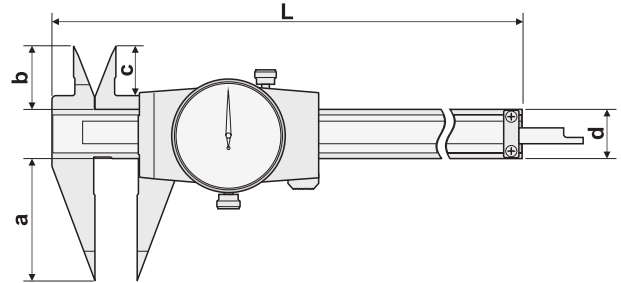
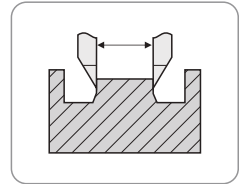
- Easy for scribing arc and line
- Used for measuring center distance of two holes

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	a mm	b mm	d mm
159-354K	30-200	0.02	± 0.04	40	Ø5	16
159-358K	40-500	0.02	± 0.06	40	Ø5	24
159-362K	40-1000	0.02	± 0.08	80	Ø10	31



Dial Caliper with Narrow-tipped Jaws

JB/T

S/STL
hardened**FEATURES**

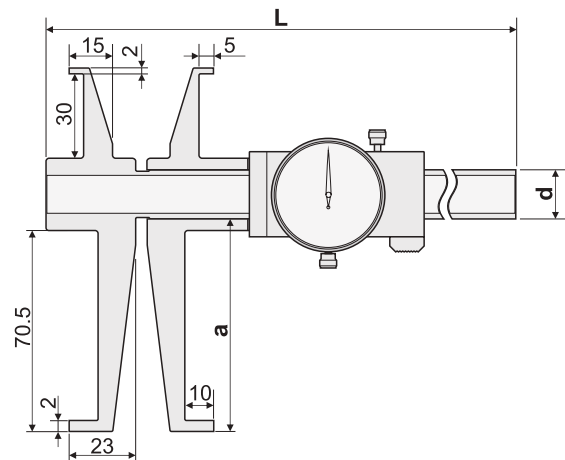
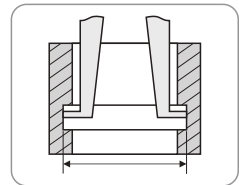
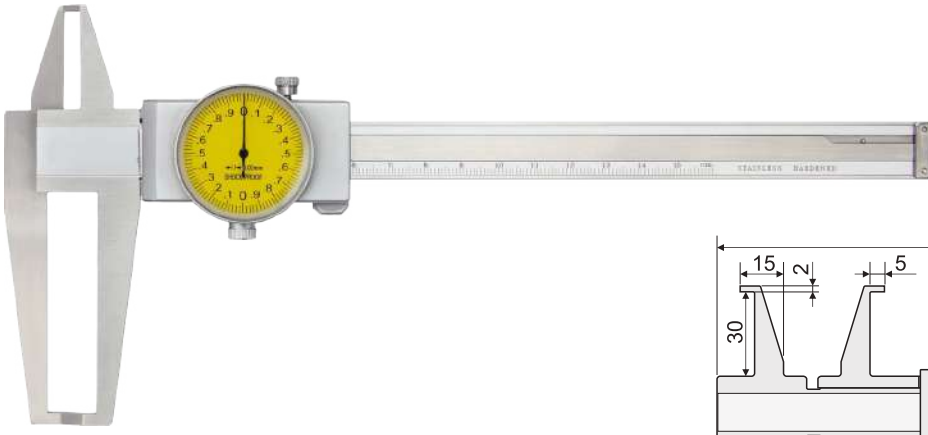
- The narrow pointed jaws used for small grooves measurements
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm
171-732	0-150	0.02	± 0.04	2	236	40	21	16.5	16
171-734	0-200	0.02	± 0.04	2	286	50	24	19.5	16
171-736	0-300	0.02	± 0.05	2	400	60	25	18.5	17

F

Double Inside Groove Dial Caliper with Knife-edged Measuring Faces

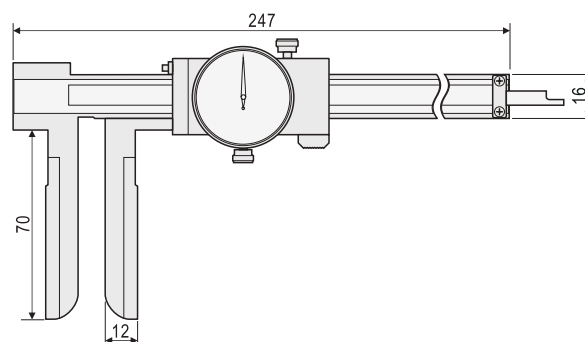
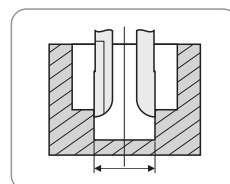
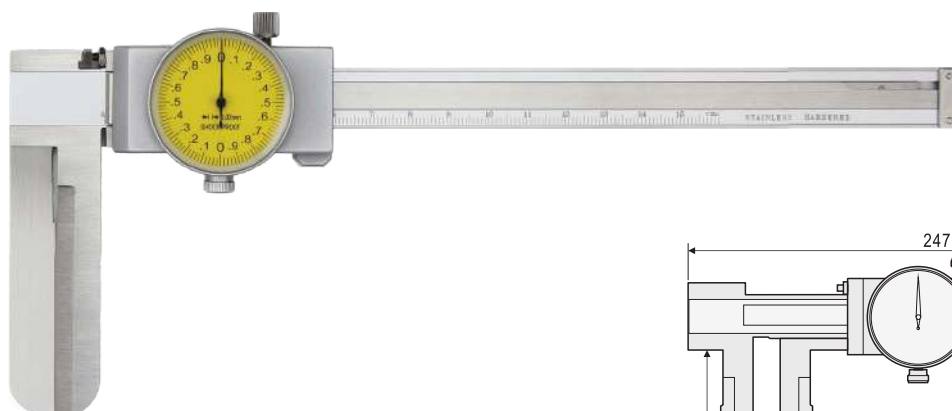
JB/T

S/STL
hardened**FEATURES**

- Used for measuring the inside groove in small hole
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm		Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	d mm
175-832	10-150	18-150	0.02	± 0.03	2	244.5	75	16
175-834	10-200	18-200	0.02	± 0.03	2	294.5	75	16
175-836	10-300	18-300	0.02	± 0.04	2	407	77	17

Dial Caliper with Long Internal Measuring Jaws



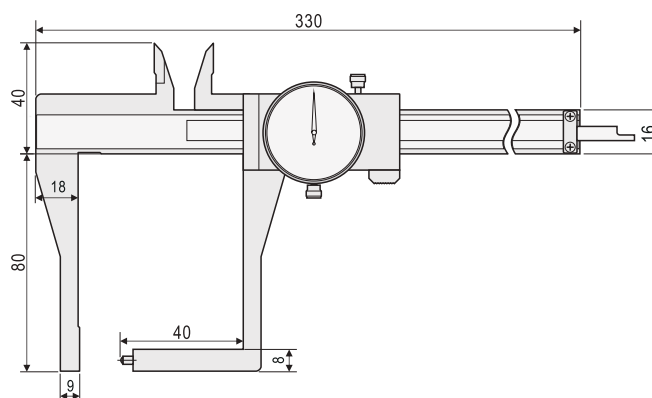
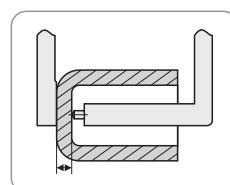
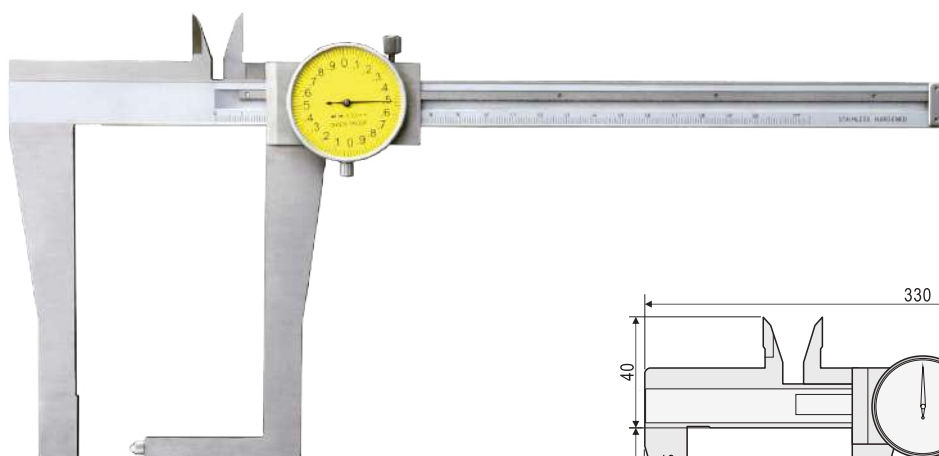
FEATURES

- Use for measuring diameter of step deep hole
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.
173-132	12-150	0.02	± 0.05	2

F

Dial Caliper with Special Measuring Jaws for Tube Thickness



FEATURES

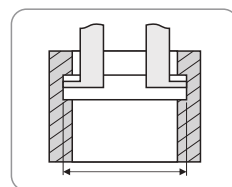
- For measuring from one end to the other end of groove
- For measuring tube thickness of big workpiece
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.
174-144A	0-200	0.02	± 0.05	2



UNUSUAL SHAPED CALIPERS

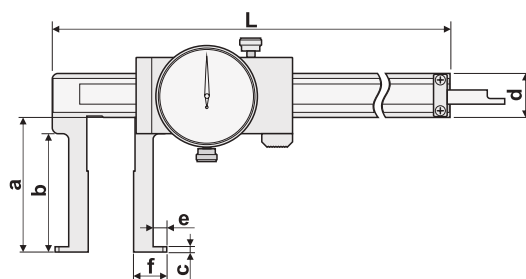
Dial Caliper with Flat Measuring Points for Inside Grooves



FEATURES

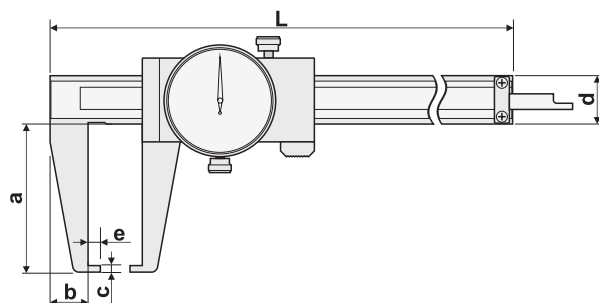
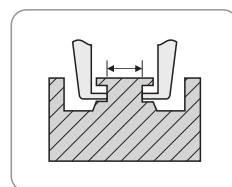
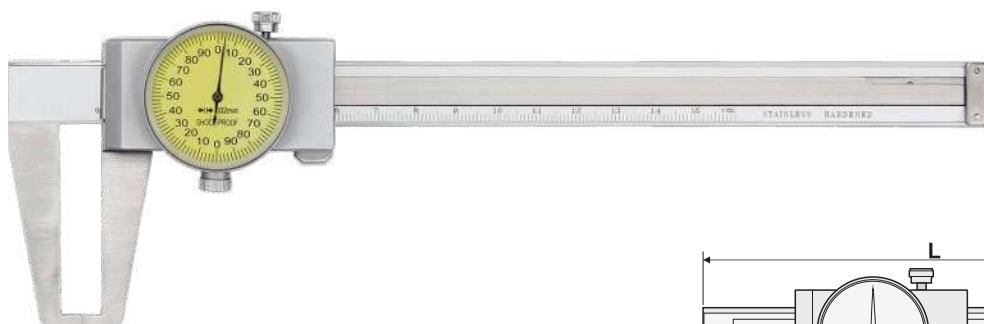
- With thin measuring heads, easy to measure the narrow groove dimensions of a hole
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm	e mm	f mm
175-132-0	20-150	0.02	± 0.04	2	236	40	34	1	16	3	10
175-132	25-150	0.02	± 0.04	2	236	50	44	1.5	16	5	12.5
175-134	20-200	0.02	± 0.04	2	286	40	34	1.5	16	3	10
175-134-1	25-200	0.02	± 0.04	2	286	50	44	1.5	16	5	12.5
175-134-2	30-200	0.02	± 0.04	2	286	60	54	1.5	16	6	15



F

Dial Caliper with Flat Measuring Points for Outside Grooves



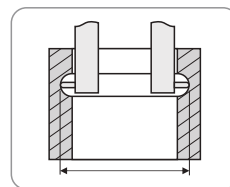
FEATURES

- For measuring the diameter of outside groove of a workplace
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm	e mm
174-132-0	0-150	0.02	± 0.04	2	247	40	13	2	16	5
174-132	0-150	0.02	± 0.04	2	247	50	13	2	16	5
174-134-1	0-200	0.02	± 0.04	2	297	60	13	2	16	5

Dial Caliper with Round Measuring Points for Inside Grooves

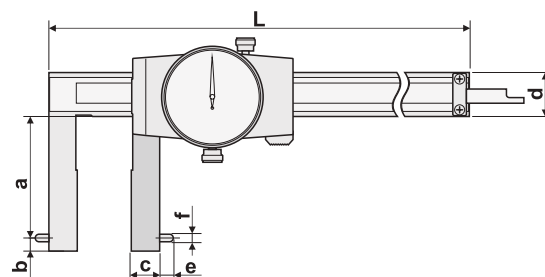
JB/T

S/STL
hardened


FEATURES

- With long measuring heads, easy to measure the deep groove dimensions in a hole
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

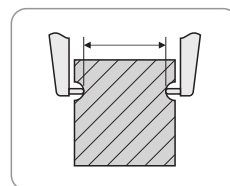
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm	e mm	f mm
175-332	20-150	0.02	± 0.04	2	236	34	3	7	16	3	Ø2
175-332-0	20-150	0.02	± 0.04	2	236	44	3	8.5	16	4	Ø2
175-334	20-200	0.02	± 0.04	2	286	35.5	3	7	16	3	Ø3
175-334-1	25-200	0.02	± 0.04	2	286	45.5	3	8.5	16	4	Ø3
175-334-2	30-200	0.02	± 0.04	2	286	55.5	3	9	16	5	Ø3
175-336	30-300	0.02	± 0.05	2	400	43.5	3	10	17	5	Ø3
175-336-1	30-300	0.02	± 0.05	2	400	53.5	3	10	17	5	Ø3
175-336-2	40-300	0.02	± 0.05	2	400	63.5	3	15	17	5	Ø3
175-336-3	40-300	0.02	± 0.05	2	400	73.5	3	15	17	5	Ø3
175-336-4	50-300	0.02	± 0.05	2	400	83.5	3	15	17	10	Ø3



F

Dial Caliper with Round Measuring Points for Outside Grooves

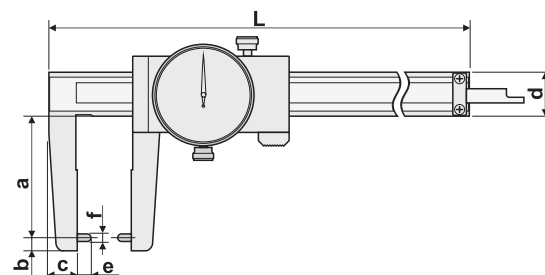
JB/T

S/STL
hardened


FEATURES

- For measuring groove or arch
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm	e mm	f mm
174-332	0-150	0.02	± 0.04	2	242	40	3	10	16	5	Ø2
174-334	0-200	0.02	± 0.04	2	306	50	3	14	16	10	Ø2.5
174-334-1	0-200	0.02	± 0.04	2	306	60	3	14	16	10	Ø2.5



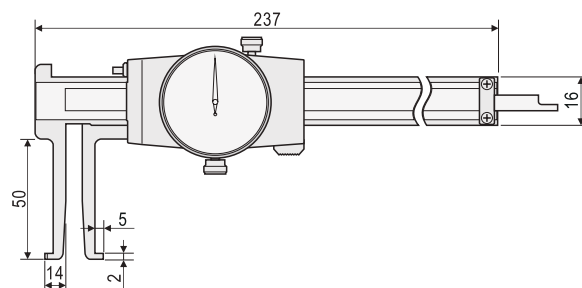
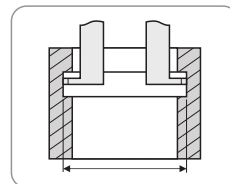


UNUSUAL SHAPED CALIPERS

Dial Caliper with Knife-edged Measuring Points for Inside Grooves

JB/T

S/STL
hardened



FEATURES

- With thin measuring heads, easy to measure the narrow groove dimensions of a hole
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

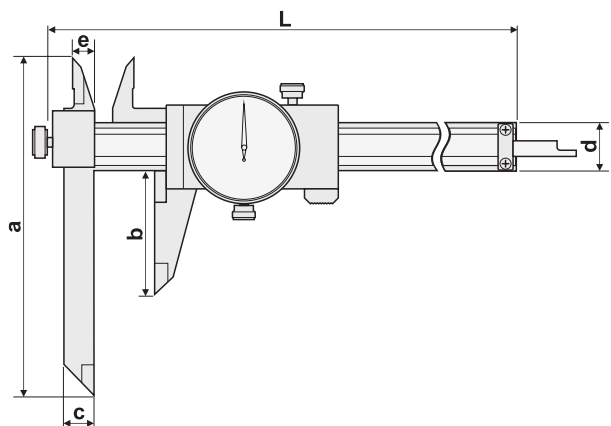
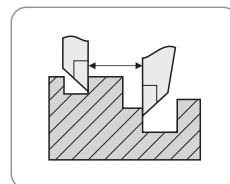
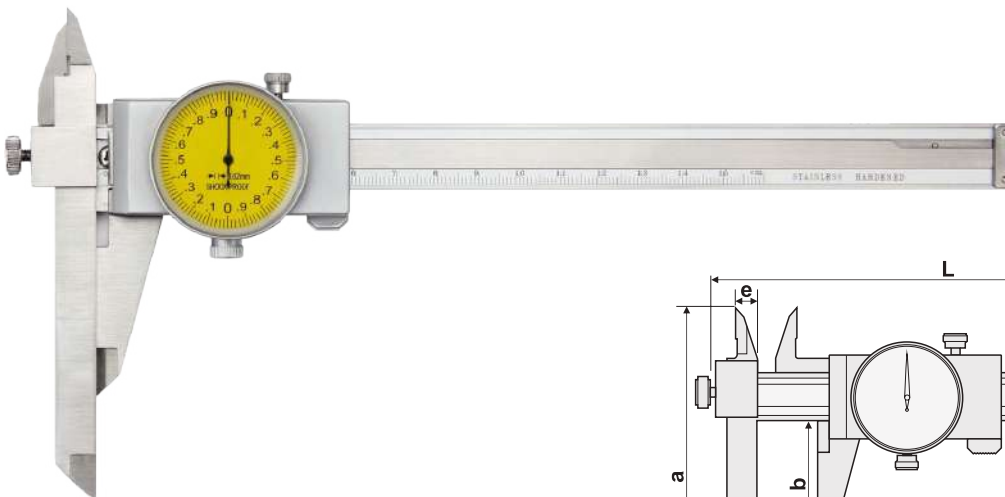
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.
175-632	16-150	0.02	± 0.04	2

F

Dial Caliper with an Adjustable Measuring Jaw

JB/T

S/STL
hardened



FEATURES

- Main scale jaw can be slid up and down to facilitate measurement of stepped sections
- Easy to read
- The adjustable dial face can be fastened by a clamping screw

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Range/rev.	L mm	a mm	b mm	c mm	d mm	e mm
177-132	0-150	0.02	± 0.04	2	240	110	40	10	16	7
177-134	0-200	0.02	± 0.05	2	290	120	50	10	16	7



MICROMETERS



SINCERITY & TECHNOLOGY



MICROMETERS

Digital Micrometer IP65 Class

GB/T

S/STL
hardened



SPC



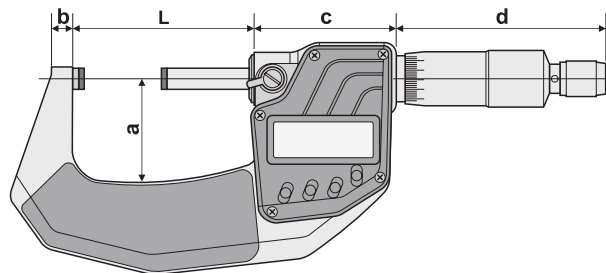
Resolution: 0.001mm



FEATURES

- Data output port (IP65 protection is unavailable on data transmission)
- Relative and absolute measure conversion
- Zero-setting, data-hold, data preset functions
- Built-in force limiting device ensures accurate repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
211-701	0-25	±0.002	33	25	7	45.5	68
211-702	25-50	±0.002	58	32.5	7	45.5	68
211-703	50-75	±0.003	83	47.5	7	45.5	68
211-704	75-100	±0.003	108	57	7	45.5	68
211-705D	100-125	±0.003	131	67	10	45.5	68
211-706D	125-150	±0.003	156	79	10	45.5	68
211-707D	150-175	±0.004	181	91.5	10	45.5	68
211-708D	175-200	±0.004	206	104	10	45.5	68
211-709D	200-225	±0.004	231	121	10	45.5	68
211-710D	225-250	±0.004	256	132	10	45.5	68
211-711D	250-275	±0.005	281	143	10	45.5	68
211-712D	275-300	±0.005	306	157.5	10	45.5	68



IP65 water-proof function

Rigid stainless steel screw

Sprayed steel frame is firm and smooth



Patented high-precision measurement system technology

Ergonomic design for pretty and fashion shape

Outside Digital Micrometer

GB/T

S/STL
hardened



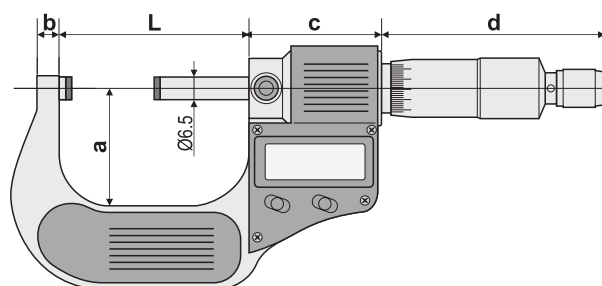
SPC



Resolution:0.001mm



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
211-101F	0-25	±0.002	31	25	7	40	68
211-102F	25-50	±0.002	56	35	7	40	68
211-103F	50-75	±0.003	81	45	7	40	68
211-104F	75-100	±0.003	106	55	7	40	68
211-105D	100-125	±0.003	131	67	10	40	68
211-106D	125-150	±0.003	156	79	10	40	68
211-107D	150-175	±0.004	181	91.5	10	40	68
211-108D	175-200	±0.004	206	104	10	40	68
211-109D	200-225	±0.004	231	121	10	40	68
211-110D	225-250	±0.004	256	132	10	40	68
211-111D	250-275	±0.005	281	143	10	40	68
211-112D	275-300	±0.005	306	157.5	10	40	68



211-561

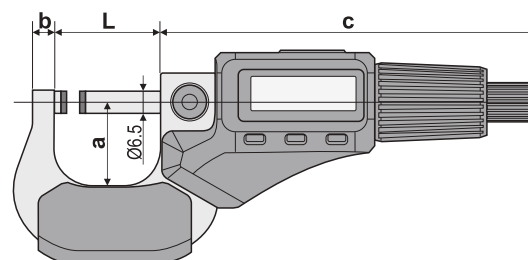
Resolution:0.001mm



Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm	c mm
211-561	0-25	±0.002	31	24	6.5	110
211-571	0-25	±0.002	31	24	6.5	110
211-572	25-50	±0.002	56	32	6.5	110
211-573	50-75	±0.003	81	45	6.5	110
211-574	75-100	±0.003	106	57	6.5	110



211-571



FEATURES

- Relative and absolute measure conversion
- Zero-setting, data-hold, data preset functions
- Built-in force limiting device ensures accurate repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

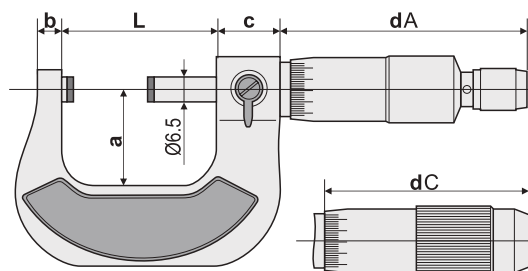


MICROMETERS

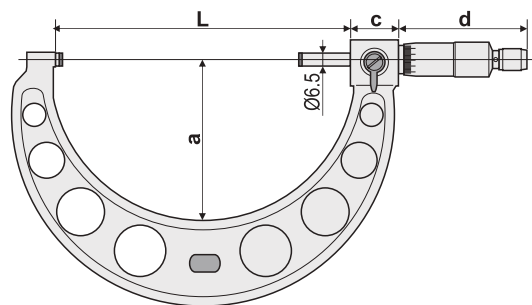
Outside Micrometer



Code NO.	Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	b mm	c mm	dA mm	dC mm
261-101A	261-101C	0-25	0.01	±0.004	31	24	7	17	68	56
261-102A	261-102C	25-50	0.01	±0.004	56	32	10	17	68	56
261-103A	261-103C	50-75	0.01	±0.005	81	45	10	17	68	56
261-104A	261-104C	75-100	0.01	±0.005	106	57	10	17	68	56



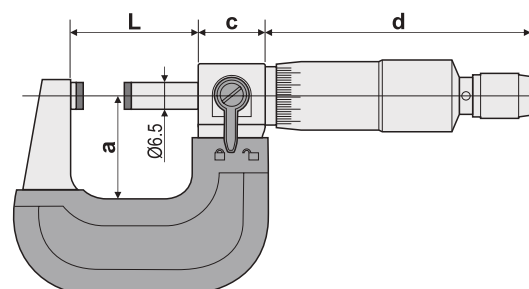
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	c mm	d mm
261-101D	0-25	0.01	±0.004	31	27	17	68
261-102D	25-50	0.01	±0.004	56	42	17	68
261-103D	50-75	0.01	±0.005	81	54	17	68
261-104D	75-100	0.01	±0.005	106	64	17	68
261-105D	100-125	0.01	±0.006	131	80	17	68
261-106D	125-150	0.01	±0.006	156	94	17	68
261-107D	150-175	0.01	±0.007	181	108	17	68
261-108D	175-200	0.01	±0.007	206	124	17	68
261-109D	200-225	0.01	±0.008	231	132	17	68
261-110D	225-250	0.01	±0.008	256	147	17	68
261-111D	250-275	0.01	±0.009	281	158	17	68
261-112D	275-300	0.01	±0.009	307	169	17	68



FEATURES

- With mechanical structure, easy to read
- Built-in force limiting device ensures accuracy of repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

Outside Micrometer

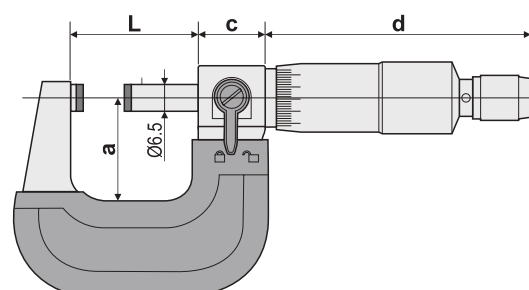


FEATURES

- With mechanical structure, easy to read
- Built-in force limiting device ensures accuracy of repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Plastic plate

Code NO.	Measuring Range mm	Accuracy mm	Graduation mm	L mm	a mm	c mm	d mm
261-901A1	0-25	±0.004	0.01	31.5	26	17	68

Micron Micrometer



FEATURES

- Parallax-free reading, higher accuracy
- Built-in force limiting device ensures accuracy of repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Plastic plate

Code No.	Measuring Range mm	Accuracy mm	Graduation mm	L mm	a mm	c mm	d mm
260-101	0-25	±0.002	0.001	31.5	26	17	68



MICROMETERS

Long Range Outside Micrometer

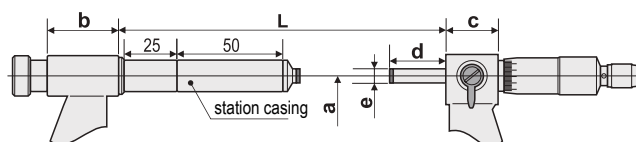


Digital type

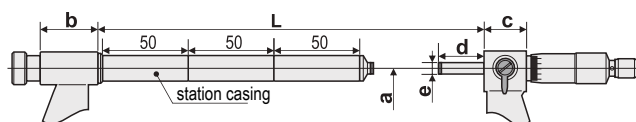
FEATURES

- With mechanical structure, easy to read
- Built-in force limiting device ensures accuracy of repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

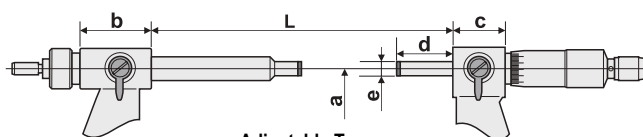
Code NO.	Code NO. Adjustable Type	Measuring Range mm	Graduation mm	Accuracy mm	Weight kg	L mm	a mm	b mm	c mm	d mm	e mm
261-151	261-151A	300-400	0.01	±0.011	2.0	415	230	32	17	28	Ø6.5
261-152	261-152A	400-500	0.01	±0.013	2.5	515	280	32	17	28	Ø6.5
261-153	261-153A	500-600	0.01	±0.014	3.0	615	330	32	17	28	Ø6.5
261-154	261-154A	600-700	0.01	±0.016	3.4	715	380	32	17	28	Ø6.5
261-155	261-155A	700-800	0.01	±0.018	4.8	815	440	32	17	28	Ø6.5
261-156	261-156A	800-900	0.01	±0.020	5.0	915	490	32	17	28	Ø6.5
261-157	261-157A	900-1000	0.01	±0.020	6.0	1015	540	32	17	28	Ø6.5
261-158		1000-1200	0.01	±0.020	6.8	1215	650	32	20	53	Ø8
261-159		1200-1400	0.01	±0.024	8.3	1415	760	32	20	53	Ø8
261-160		1400-1600	0.01	±0.028	9.2	1615	860	32	20	53	Ø8
261-161		1600-1800	0.01	±0.031	11.4	1815	970	32	20	53	Ø8
261-162		1800-2000	0.01	±0.034	14.4	2015	1060	32	20	53	Ø8



Measuring Range below 1000mm



Measuring Range over 1000mm

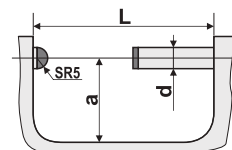
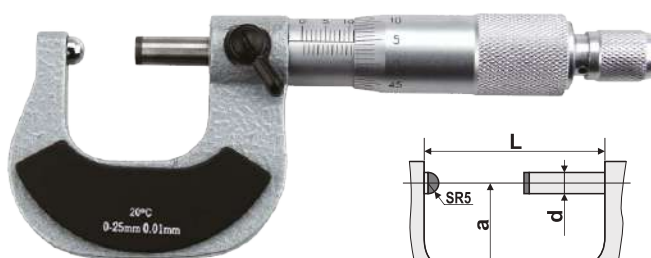


Adjustable Types

Digital type

Code NO. Adjustable Type	Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	Weight kg	L mm	a mm	b mm	c mm	d mm	e mm
211-113EA	211-113EK	300-400	0.001	±0.006	2.0	415	230	32	17	28	Ø6.5
211-114EA	211-114EK	400-500	0.001	±0.007	2.5	515	280	32	17	28	Ø6.5
211-115EA	211-115EK	500-600	0.001	±0.008	3.0	615	330	32	17	28	Ø6.5
211-116EA	211-116EK	600-700	0.001	±0.009	3.4	715	380	32	17	28	Ø6.5
211-117EA	211-117EK	700-800	0.001	±0.010	4.8	815	440	32	17	28	Ø6.5
211-118EA	211-118EK	800-900	0.001	±0.011	5.0	915	490	32	17	28	Ø6.5
211-119EA	211-119EK	900-1000	0.001	±0.012	6.0	1015	540	32	17	28	Ø6.5

Tube Micrometer



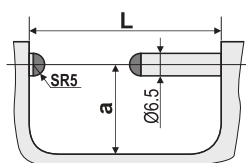
FEATURES

- For measuring wall thickness of various types of tubing etc.
- Spindle made of special steel to ensure high precision and stability
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	d mm
216-101	0-25	0.001	±0.002	31	25	Ø6.5
216-102	25-50	0.001	±0.002	56	35	Ø6.5
216-103	50-75	0.001	±0.003	81	45	Ø6.5
216-104	75-100	0.001	±0.003	106	55	Ø6.5

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	d mm
266-211	0-25	0.01	±0.004	31	24	Ø6.5
266-212	25-50	0.01	±0.004	56	32	Ø6.5
266-213	50-75	0.01	±0.005	81	45	Ø6.5
266-214	75-100	0.01	±0.005	106	57	Ø6.5

Tube Micrometer



FEATURES

- For measuring wall thickness of various types of tubing etc.
- Built-in force limiting device ensures accuracy of repeat reading
- Spindle made of special steel to ensure high precision and stability

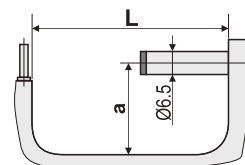
Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
216-201	0-25	0.001	±0.002	31	25
216-202	25-50	0.001	±0.002	56	35
216-203	50-75	0.001	±0.003	81	45
216-204	75-100	0.001	±0.003	106	55

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
261-221	0-25	0.01	±0.004	31	24
261-222	25-50	0.01	±0.004	56	32
261-223	50-75	0.01	±0.005	81	45
261-224	75-100	0.01	±0.005	106	57

Tube Micrometer



G

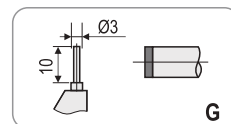
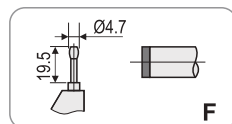
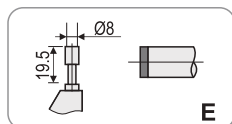
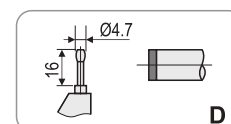
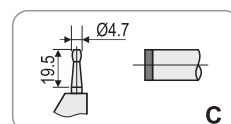
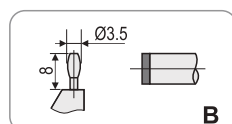
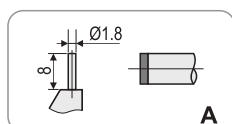


FEATURES

- For measuring wall thickness of various types of tubing etc.
- Spindle made of special steel to ensure high precision and stability
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
216-181	0-25	0.001	±0.004	31	25
216-182	25-50	0.001	±0.004	56	35

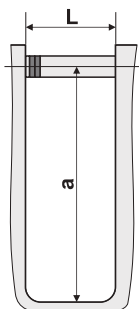
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
266-181	0-25	0.01	±0.004	31	24
266-182	25-50	0.01	±0.004	56	32





MICROMETERS

Sheet Metal Micrometer



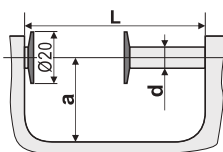
FEATURES

- Measure the thickness of steel sheet, paper, plastic sheet etc.

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
211-101EK-60	0-25	0.001	±0.004	31	60
211-101EK-100	0-25	0.001	±0.004	31	100
211-101EK01	0-25	0.001	±0.004	31	150
211-101EK-200	0-25	0.001	±0.005	31	200
211-101EK-250	0-25	0.001	±0.005	31	250
211-102EK-100	25-50	0.001	±0.004	56	100
211-102EK01	25-50	0.001	±0.004	56	150
211-102EK-200	25-50	0.001	±0.005	56	200
211-102EK-250	25-50	0.001	±0.005	56	250
211-103EK-100	50-75	0.001	±0.005	81	100
211-103EK01	50-75	0.001	±0.005	81	150
211-103EK-200	50-75	0.001	±0.006	81	200
211-103EK-250	50-75	0.001	±0.006	81	250
211-104EK-100	75-100	0.001	±0.005	106	100
211-104EK01	75-100	0.001	±0.005	106	150
211-104EK-200	75-100	0.001	±0.006	106	200
211-104EK-250	75-100	0.001	±0.006	106	250

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
261-101F-60	0-25	0.01	±0.004	31	60
261-101F-100	0-25	0.01	±0.004	31	100
261-101F	0-25	0.01	±0.004	31	150
261-101F-200	0-25	0.01	±0.005	31	200
261-101F-250	0-25	0.01	±0.005	31	250
261-102F-100	25-50	0.01	±0.004	56	100
261-102F	25-50	0.01	±0.004	56	150
261-102F-200	25-50	0.01	±0.005	56	200
261-102F-250	25-50	0.01	±0.005	56	250
261-103F-100	50-75	0.01	±0.005	81	100
261-103F	50-75	0.01	±0.005	81	150
261-103F-200	50-75	0.01	±0.006	81	200
261-103F-250	50-75	0.01	±0.006	81	250
261-104F-100	75-100	0.01	±0.005	106	100
261-104F	75-100	0.01	±0.005	106	150
261-104F-200	75-100	0.01	±0.006	106	200
261-104F-250	75-100	0.01	±0.006	106	250

Disc Micrometer



FEATURES

- Easy to measure tooth width of straight or bevel wheel, and small thickness
- Built-in force limiting device ensures accuracy of repeat reading
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	d mm
212-101	0-25	0.001	±0.004	31	25	Ø6.5
212-102	25-50	0.001	±0.004	56	35	Ø6.5
212-103	50-75	0.001	±0.005	81	45	Ø6.5
212-104	75-100	0.001	±0.005	106	55	Ø6.5

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm	d mm
262-101A	0-25	0.01	±0.004	31	24	Ø6.5
262-102A	25-50	0.01	±0.004	56	32	Ø6.5
262-103A	50-75	0.01	±0.005	81	45	Ø6.5
262-104A	75-100	0.01	±0.005	106	57	Ø6.5

Indicating Micrometer



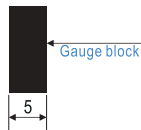
FEATURES

- Applied to high precise measurement for workpieces
- Cemented carbide measuring surface ensures the constant stabilization of the equipment

Code NO.	Measuring Range mm	Accuracy mm	Graduation mm
251-101	0-25	± 0.003	0.01

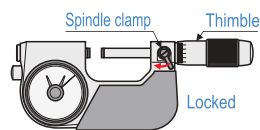
1

According to the theoretical size of the measured workpiece, select the corresponding standard gauge block. Such as 5.000 mm gauge block.



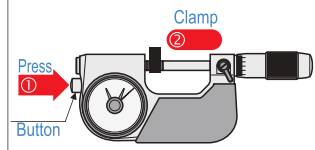
2

Adjust the device reading to 5mm, lock the spindle clamp.



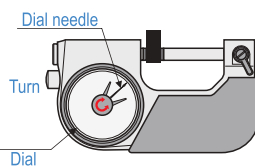
3

Press button, and clamp the selected gauge block, then release.



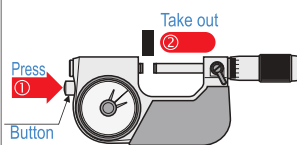
4

Turn the dial, make the dial needle to position 0.



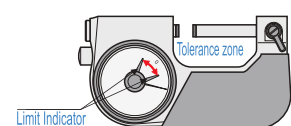
5

Press button again, remove gauge block, and get ready.



6

According to the tolerance value, adjust the position of the limit indicator





MICROMETERS

Point Micrometer

GB/T

S/STL
hardened



SPC



FEATURES

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, key-ways, and other hard-to-reach dimensions
- Spindle made of special steel to ensure high precision and stability
- Built-in force limiting device ensures accuracy of repeat reading

Code No.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
211-221	0-25	0.001	±0.004	56	35
211-222	25-50	0.001	±0.004	81	45
211-223	50-75	0.001	±0.005	106	55
211-224D	75-100	0.001	±0.005	131	80

Code No.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
261-241	0-25	0.01	±0.004	56	32
261-242	25-50	0.01	±0.004	81	45
261-243	50-75	0.01	±0.005	106	57
261-244D	75-100	0.01	±0.005	131	80

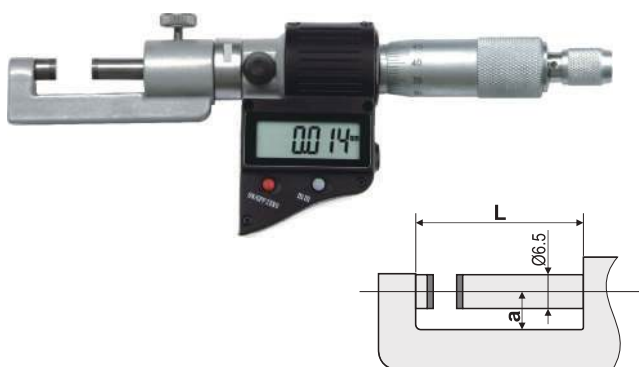
Hub Micrometer

GB/T

S/STL
hardened



SPC



FEATURES

- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- For measuring wire thickness and step width of inner hold
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
212-191	0-25	0.001	±0.002	31	7

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
262-201	0-25	0.01	±0.004	31	7
262-201A	0-25	0.01	±0.004	31	7

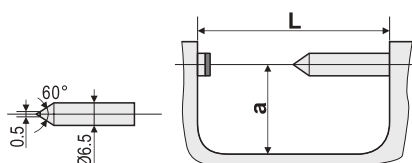
Single Point Type Micrometer

GB/T

S/STL
hardened



SPC



FEATURES

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, key ways, and other hard-to-reach dimensions
- Spindle made of special steel to ensure high precision and stability
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
211-211	0-25	0.001	±0.004	31	25
211-212	25-50	0.001	±0.004	56	35
211-213	50-75	0.001	±0.005	81	45

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
262-231	0-25	0.01	±0.004	31	25
262-232	25-50	0.01	±0.004	56	32
262-233	50-75	0.01	±0.005	81	45
262-234	75-100	0.01	±0.005	106	57

Single Blade and Point Type Micrometer

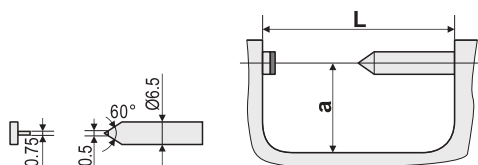
GB/T

S/STL
hardened



SPC

G



FEATURES

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, key ways, and other hard-to-reach dimensions
- Spindle made of special steel to ensure high precision and stability
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
211-231	0-25	0.001	±0.004	31	25
211-232	25-50	0.001	±0.004	56	35
211-233	50-75	0.001	±0.005	81	45

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
262-251	0-25	0.01	±0.004	31	25
262-252	25-50	0.01	±0.004	56	32
262-253	50-75	0.01	±0.005	81	45
262-254	75-100	0.01	±0.005	106	57



MICROMETERS

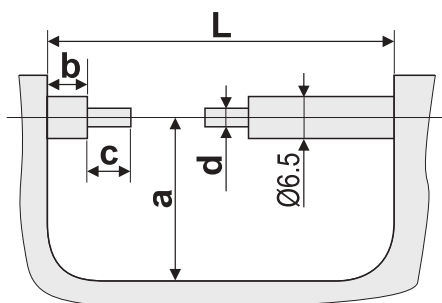
Slender Anvil Micrometer



Code No.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
214-151	0-25	0.001	±0.002	56	35	6.5	10	Φ3
214-151-1,-2	0-25	0.001	±0.002	56	35	6.5	10	Φ1, Φ2
214-151A	0-25	0.001	±0.002	56	35	20	5	Φ3
214-151A-1,-2	0-25	0.001	±0.002	56	35	20	5	Φ1, Φ2
214-152	25-50	0.001	±0.002	81	45	6.5	10	Φ3
214-152-1,-2	25-50	0.001	±0.002	81	45	6.5	10	Φ1, Φ2
214-152A	25-50	0.001	±0.002	81	45	20	5	Φ3
214-152A-1,-2	25-50	0.001	±0.002	81	45	20	5	Φ1, Φ2
214-153	50-75	0.001	±0.003	106	55	6.5	10	Φ3
214-153-1,-2	50-75	0.001	±0.003	106	55	6.5	10	Φ1, Φ2
214-153A	50-75	0.001	±0.003	106	55	20	5	Φ3
214-153A-1,-2	50-75	0.001	±0.003	106	55	20	5	Φ1, Φ2



Code No.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	b mm	c mm	d mm
264-101	0-25	0.001	±0.004	56	32	6.5	10	Φ3
264-101-1,-2	0-25	0.001	±0.004	56	32	6.5	10	Φ1, Φ2
264-101A	0-25	0.001	±0.004	56	32	20	5	Φ3
264-101A-1,-2	0-25	0.001	±0.004	56	32	20	5	Φ1, Φ2
264-102	25-50	0.001	±0.004	81	45	6.5	10	Φ3
264-102-1,-2	25-50	0.001	±0.004	81	45	6.5	10	Φ1, Φ2
264-102A	25-50	0.001	±0.004	81	45	20	5	Φ3
264-102A-1,-2	25-50	0.001	±0.004	81	45	20	5	Φ1, Φ2
264-103	50-75	0.001	±0.005	106	57	6.5	10	Φ3
264-103-1,-2	50-75	0.001	±0.005	106	57	6.5	10	Φ1, Φ2
264-103A	50-75	0.001	±0.005	106	57	20	5	Φ3
264-103A-1,-2	50-75	0.001	±0.005	106	57	20	5	Φ1, Φ2
264-104D	75-100	0.001	±0.005	131	67	6.5	10	Φ3
264-104D-1,-2	75-100	0.001	±0.005	131	67	6.5	10	Φ1, Φ2
264-104AD	75-100	0.001	±0.005	131	67	20	5	Φ3
264-104AD-1,-2	75-100	0.001	±0.005	131	67	20	5	Φ1, Φ2



FEATURES

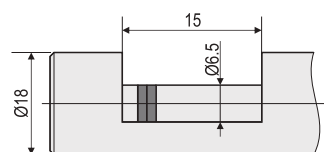
- LCD displays measuring data and makes direct and correct readout
- Zero-setting, data hold, data preset functions
- Small anvil and spindle diameter for measuring splines, slots and key-ways
- Built-in force limiting device ensures accuracy of repeat reading

Wire Micrometer

GB/T

S/STL
hardened


SPC



FEATURES

- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- For measuring wire and ball diameters
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
212-201	0-10	0.001	±0.002

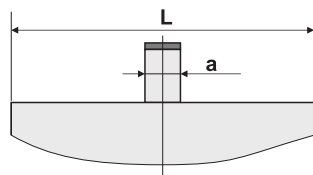
Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
262-401	0-10	0.01	±0.004

Digital Depth Micrometer

GB/T

S/STL
hardened


SPC



FEATURES

- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Origin setting, mm/inch conversion, data output
- High-precision measurement of groove depth and step height
- Ratchet sleeve force for accurate repeatable reading

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm
231-101	0-25	0.001	±0.004	100	Ø6.5

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
281-101LT	0-25	0.01	±0.004	85	Ø8

G



MICROMETERS

Digital Micrometer Head

GB/T

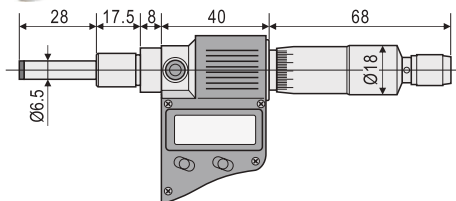
S/STL
hardened



SPC



241-101

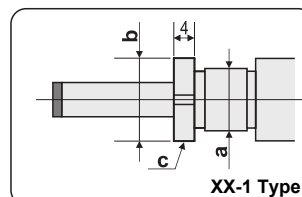
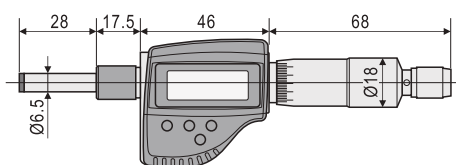


FEATURES

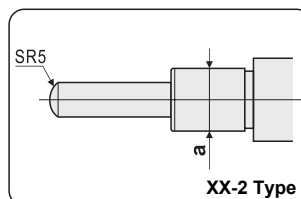
- Origin setting, mm/inch conversion, switch of absolute measurement and incremental measurement, data output
- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Built-in force limiting device ensures accuracy of repeat reading



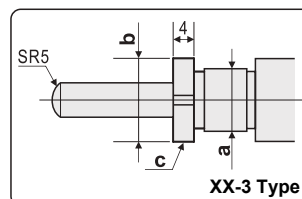
241-201



XX-1 Type



XX-2 Type

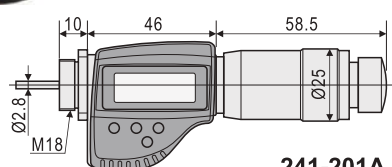


XX-3 Type



241-201C

241-201B



241-201A

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	a mm	b mm	c mm
241-101	0-25	0.001	±0.003	Ø12	—	—
241-101-1	0-25	0.001	±0.003	Ø12	Ø16	M12x0.5
241-101-2	0-25	0.001	±0.003	Ø12	—	—
241-101-3	0-25	0.001	±0.003	Ø12	Ø16	M12x0.5
241-101A	0-25	0.001	±0.003	Ø10	—	—
241-101A-1	0-25	0.001	±0.003	Ø10	Ø14	M9.5x0.5
241-101A-2	0-25	0.001	±0.003	Ø10	—	—
241-101A-3	0-25	0.001	±0.003	Ø10	Ø14	M9.5x0.5
241-201	0-25	0.001	±0.003	Ø12	—	—
241-201-1	0-25	0.001	±0.003	Ø12	Ø16	M12x0.5
241-201-2	0-25	0.001	±0.003	Ø12	—	—
241-201-3	0-25	0.001	±0.003	Ø12	Ø16	M12x0.5
241-201A	0-18	0.001	±0.003	—	—	—
241-201B	0-18	0.001	±0.003	—	—	—
241-201C	0-28	0.001	±0.003	—	—	—

Micrometer Stand

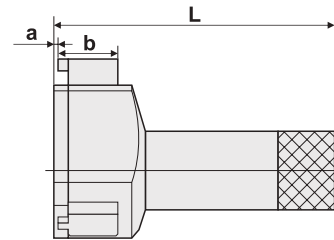


722-101LT

FEATURES

- Accommodates 0-100mm micrometers
- Mouth width is 15mm

Digital Three-point Inside Micrometer

**FEATURES**

- Bore depth measuring with a long extend rod
- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Calibration setting rings for zero setting
- With ratchet sleeve force, data output and value presetting
- IP54 Protection class

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
211-151-1WT	6-8	±0.004mm	42mm	1	2.5
211-151-2WT	8-10	±0.004mm	42mm	1	2.5
211-151-3WT	10-12	±0.004mm	42mm	1	2.5
211-154-1WT	11-14	±0.004mm	42mm	0.5	6
211-154-2WT	14-17	±0.004mm	42mm	0.5	6
211-154-3WT	17-20	±0.004mm	42mm	0.5	6
211-157-1WT	20-25	±0.004mm	50mm	0.5	9
211-157-2WT	25-30	±0.004mm	50mm	0.5	9
211-157-3WT	30-35	±0.004mm	50mm	0.5	9
211-157-4WT	35-40	±0.004mm	50mm	0.5	9
211-161-1WT	40-50	±0.005mm	75mm	0.5	15
211-161-2WT	50-60	±0.005mm	75mm	0.5	15
211-161-3WT	60-70	±0.005mm	75mm	0.5	15
211-161-4WT	70-80	±0.005mm	75mm	0.5	15
211-161-5WT	80-90	±0.005mm	75mm	0.5	15
211-161-6WT	90-100	±0.005mm	75mm	0.5	15

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
221-151W	6-12(3 piece set)	±0.004mm	42mm	1	2.5
221-154W	11-20(3 piece set)	±0.004mm	42mm	0.5	6
221-157W	20-40(4 piece set)	±0.004mm	50mm	0.5	9
221-161W	40-100(6 piece set)	±0.005mm	75mm	0.5	15

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
221-171-1WM	100-125	±0.006mm	140mm	1	20
221-171-2WM	125-150	±0.006mm	140mm	1	20
221-171-3WM	150-175	±0.007mm	140mm	1	20
221-171-4WM	175-200	±0.007mm	140mm	1	20
221-171-5WM	200-225	±0.008mm	140mm	1	20
221-171-6WM	225-250	±0.008mm	140mm	1	20
221-171-7WM	250-275	±0.008mm	140mm	1	20
221-171-8WM	275-300	±0.008mm	140mm	1	20
221-171-9WM	300-325	±0.012mm	140mm	1	20
221-171-10WM	325-350	±0.012mm	140mm	1	20

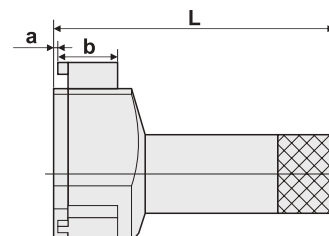
Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
211-151A-1WT	6-8	±0.004mm	42mm	1	2.5
211-151A-2WT	8-10	±0.004mm	42mm	1	2.5
211-151A-3WT	10-12	±0.004mm	42mm	1	2.5
211-154A-1WT	12-16	±0.004mm	42mm	0.5	6
211-154A-2WT	16-20	±0.004mm	42mm	0.5	6
211-157A-1WT	20-25	±0.004mm	50mm	0.5	9
211-157A-2WT	25-30	±0.004mm	50mm	0.5	9
211-157A-3WT	30-40	±0.004mm	61mm	0.5	13
211-161A-0WT	40-50	±0.004mm	61mm	0.5	13
211-161A-1WT	50-63	±0.005mm	75mm	0.5	17
211-161A-2WT	62-75	±0.005mm	75mm	0.5	17
211-161A-3WT	75-88	±0.005mm	75mm	0.5	17
211-161A-4WT	87-100	±0.005mm	75mm	0.5	17

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
221-151AW	6-12(3 piece set)	±0.004mm	42mm	1	2.5
221-154AW	12-20(2 piece set)	±0.004mm	42mm	0.5	6
221-157AW	20-50(4 piece set)	±0.004mm	50mm	0.5	9、13
221-161AW	50-100(4 piece set)	±0.005mm	75mm	0.5	17

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
221-171-1W	100-125	±0.006mm	140mm	17	18.5
221-171-2W	125-150	±0.006mm	140mm	17	18.5
221-171-3W	150-175	±0.007mm	140mm	17	18.5
221-171-4W	175-200	±0.007mm	140mm	17	18.5
221-171-5W	200-225	±0.008mm	140mm	17	18.5
221-171-6W	225-250	±0.008mm	140mm	17	18.5
221-171-7W	250-275	±0.008mm	140mm	17	18.5
221-171-8W	275-300	±0.008mm	140mm	17	18.5
221-171-9W	300-325	±0.012mm	140mm	17	18.5
221-171-10W	325-350	±0.012mm	140mm	17	18.5



Bluetooth Digital Three-point Inside Micrometer

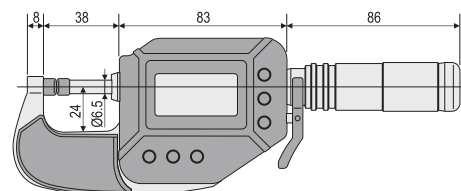
**NEW****FEATURES**

- Bore depth measuring with a long extend rod
- IP65 water-proof function, cemented carbide measuring surface ensures the constant stabilization of the equipment
- With ratchet sleeve force, Built-in Bluetooth, measurement data can be transmitted to mobile phones, tablets and computers
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	b mm
2212-161A-0BT	40-50	0.001	±0.005	75	0.5	15
2212-161A-1BT	50-63	0.001	±0.005	80	0.5	17
2212-161A-2BT	62-75	0.001	±0.005	80	0.5	17
2212-161A-3BT	75-88	0.001	±0.005	80	0.5	17
2212-161A-4BT	87-100	0.001	±0.005	80	0.5	17

G

Absolute Digital Indicating Micrometer

**NEW**

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
211-901WH	0-25	0.0002	± 0.001

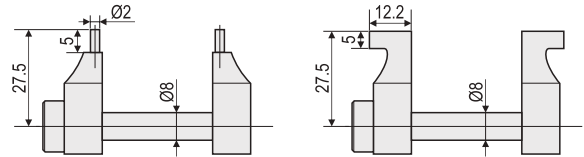
FEATURES

- Absolute coding grating displacement sensor technology, no limit for response speed, data processing is faster and more stable
- Build-in rechargeable lithium battery, external charger can be used for continuous monitoring
- Zero-setting at any position
- Mm/inch conversion at any position
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value (Δ = MAX-MIN)
- TOL Setting can check if the item is regular
- Segment measurement of workpiece, accumulate segment date after measurement
- Original setting without repeated zero-setting. Preset one basic size before measurement, and the data read out during measurement is the actual size of the workpiece, that is, the actual size = preset basic size + deviation
- Measuring value can be transmitted to PC

Inside Micrometer

JB/T

S/STL
hardened



FEATURES

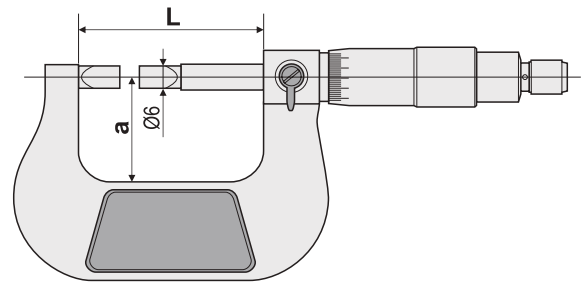
- Applied to all kinds of inside diameter measurements
- Carbide tips

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
271-201	5-30	0.01	±0.005
271-202	25-50	0.01	±0.006
271-203	50-75	0.01	±0.007
271-204	75-100	0.01	±0.008

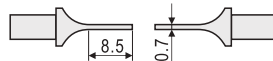
Blade Micrometer

JB/T

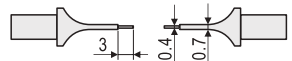
S/STL
hardened



Type A, Type C (carbide probe)



Type B, Type D (carbide probe)



FEATURES

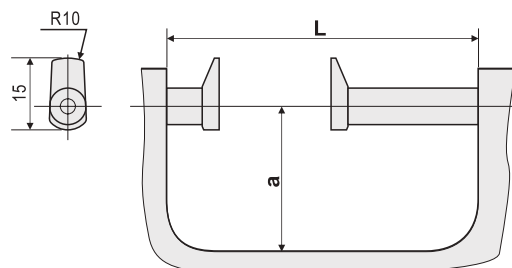
- Can measure the diameter of grooves
- High precision straight screw
- With ratchet sleeve force
- Two optional flat measuring faces

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
262-301	0-25	0.01	±0.004	56	32
262-302	25-50	0.01	±0.004	81	45
262-303	50-75	0.01	±0.005	106	57
262-304D	75-100	0.01	±0.005	131	67



MICROMETERS

Micrometer with Special Flat Anvil



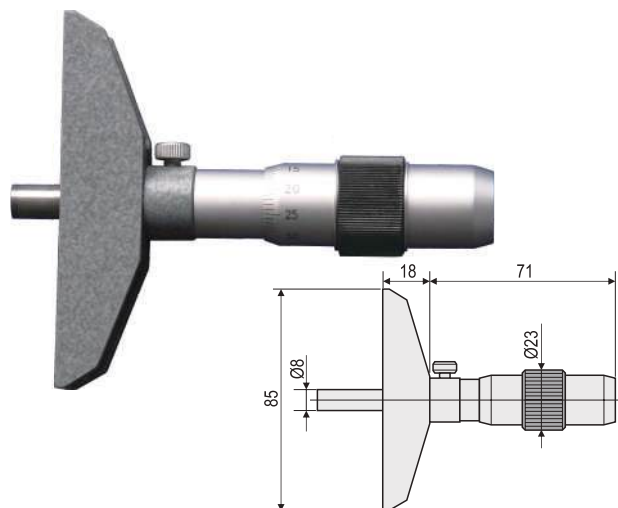
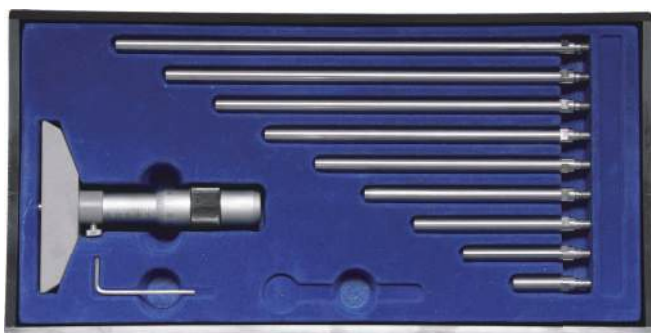
FEATURES

- Can measure gear wheel dual point and step height
- High precision straight screw
- Built-in force limiting device ensures accuracy of repeat reading
- Two optional flat measuring faces

Code No.	Measuring Range mm	Graduation mm	Accuracy mm	L mm	a mm
261-601	0-25	0.01	±0.004	56	32
261-602	25-50	0.01	±0.004	81	45
261-603	50-75	0.01	±0.005	106	57
261-604D	75-100	0.01	±0.005	131	80
261-605D	100-125	0.01	±0.006	156	94
261-606D	125-150	0.01	±0.006	181	108
261-607D	150-175	0.01	±0.007	206	124
261-608D	175-200	0.01	±0.008	231	132

G

Depth Micrometer



FEATURES

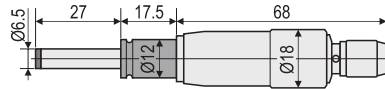
- High precision groove depth measurement
- Fine polished and carbide tips
- Clear graduation for quick reading
- Inside force-limited device for precise repeatable reading

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Rod
282-101LT	0-25	0.01	±0.004	1
282-102LT	0-50	0.01	±0.004	2
282-103LT	0-75	0.01	±0.005	3
282-104LT	0-100	0.01	±0.005	4
282-105LT	0-125	0.01	±0.005	5
282-106LT	0-150	0.01	±0.005	6
282-107LT	0-175	0.01	±0.006	7
282-108LT	0-200	0.01	±0.006	8
282-109LT	0-225	0.01	±0.007	9
282-110LT	0-250	0.01	±0.007	10

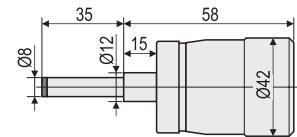
Micrometer Head



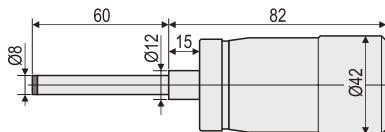
291-101A



291-101B



291-102B

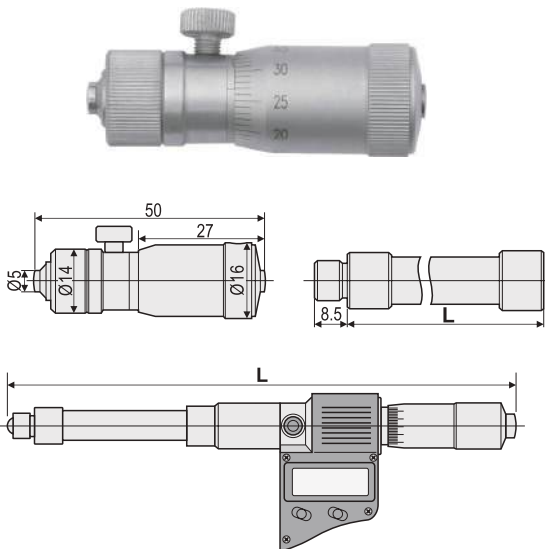


FEATURES

- Graduation in two directions for easy reading, and big graduation for precise measurement
- Cemented carbide measuring surface ensures the constant stabilization of the equipment
- Built-in force limiting device ensures accuracy of repeat reading

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm
291-101A	0-25	0.01	±0.004
291-101B	0-25	0.01	±0.004
291-102B	0-50	0.01	±0.004

Micrometer with Extension Rod



Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	(Extension rod) L mm
221-131	200-225	0.001	±0.008	
221-131-1	200-1000	0.001	±0.022	200x3 100 50 25

Code NO.	Measuring Range mm	Graduation mm	Accuracy mm	Travel of measuring tips mm	(Extension rod) L mm
271-101LT	50-63	0.01	±0.005	13	
271-102LT	50-75	0.01	±0.006	13	13
271-103LT	50-100	0.01	±0.007	13	13 25
271-104LT	50-150	0.01	±0.009	13	13 25 50
271-105LT	50-250	0.01	±0.012	13	13 25 50 100
271-106LT	50-400	0.01	±0.017	13	13 25 50 100 150
271-107LT	50-500	0.01	±0.019	13	13 25 50x2 100 200
271-108LT	50-600	0.01	±0.021	13	13 25 50 100 150 200
271-109LT	50-900	0.01	±0.029	13	13 25 50 100x2 150 200x2
271-110LT	50-1000	0.01	±0.032	13	13 25 50 100x3 150 200x2

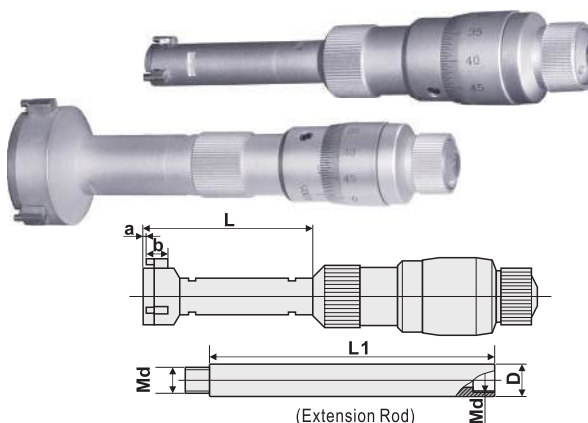
FEATURES

- It can extend measuring range by fitting extension rod and measuring anvil with micrometer head



MICROMETERS

Three-points Inside Micrometer



FEATURES

- Highly durable because of carbide-tipped contact points (anvils)
- Measurement can be taken closer to the bottom of a blind bore
- Built-in force limiting device ensures accuracy of repeat reading
- Setting rings for zero point adjustment are optional

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-151-1T	6-8	±0.004mm	26mm	1	2.5
271-151-2T	8-10	±0.004mm	56mm	1	2.5
271-151-3T	10-12	±0.004mm	56mm	1	2.5
271-154-1T	11-14	±0.004mm	46mm	0.5	6
271-154-2T	14-17	±0.004mm	46mm	0.5	6
271-154-3T	17-20	±0.004mm	46mm	0.5	6
271-157-1T	20-25	±0.004mm	80mm	0.5	9
271-157-2T	25-30	±0.004mm	80mm	0.5	9
271-157-3T	30-35	±0.004mm	80mm	0.5	9
271-157-4T	35-40	±0.004mm	80mm	0.5	9
271-161-1T	40-50	±0.004mm	96mm	0.5	15
271-161-2T	50-60	±0.005mm	96mm	0.5	15
271-161-3T	60-70	±0.005mm	96mm	0.5	15
271-161-4T	70-80	±0.005mm	96mm	0.5	15
271-161-5T	80-90	±0.005mm	96mm	0.5	15
271-161-6T	90-100	±0.005mm	96mm	0.5	15

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-151A-1T	6-8	±0.004mm	26mm	1	2.5
271-151A-2T	8-10	±0.004mm	51mm	1	2.5
271-151A-3T	10-12	±0.004mm	51mm	1	2.5
271-154A-1T	12-16	±0.004mm	46mm	0.5	6
271-154A-2T	16-20	±0.004mm	46mm	0.5	6
271-157A-1T	20-25	±0.004mm	80mm	0.5	9
271-157A-2T	25-30	±0.004mm	80mm	0.5	9
271-157A-3T	30-40	±0.004mm	92mm	0.5	13
271-161A-4T	40-50	±0.004mm	92mm	0.5	13
271-161A-1T	50-63	±0.005mm	100mm	0.5	17
271-161A-2T	62-75	±0.005mm	100mm	0.5	17
271-161A-3T	75-88	±0.005mm	100mm	0.5	17
271-161A-4T	87-100	±0.005mm	100mm	0.5	17

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-151	6-12(3 peace set)	±0.004mm	56mm	1	2.5
271-154	11-20(3 peace set)	±0.004mm	46mm	0.5	6
271-157	20-40(4 peaces)	±0.004mm	80mm	0.5	9
271-161	40-100(6 peaces)	±0.005mm	96mm	0.5	15

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-151A	6-12(3 peace set)	±0.004mm	26mm	1	2.5
271-154A	12-20(2 peace set)	±0.004mm	46mm	0.5	6
271-157A	20-50(4 peaces)	±0.004mm	80mm	0.5	9、13
271-161A	50-100(4 peaces)	±0.005mm	100mm	0.5	17

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-171-1M	100-125	±0.006mm	145mm	1	20
271-171-2M	125-150	±0.006mm	145mm	1	20
271-171-3M	150-175	±0.007mm	145mm	1	20
271-171-4M	175-200	±0.007mm	145mm	1	20
271-171-5M	200-225	±0.008mm	145mm	1	20
271-171-6M	225-250	±0.008mm	145mm	1	20
271-171-7M	250-275	±0.008mm	145mm	1	20
271-171-8M	275-300	±0.008mm	145mm	1	20
271-171-9M	300-325	±0.012mm	145mm	1	20
271-171-10M	325-350	±0.012mm	145mm	1	20

Code No.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
271-171-1	100-125	±0.006mm	145mm	17	18.5
271-171-2	125-150	±0.006mm	145mm	17	18.5
271-171-3	150-175	±0.007mm	145mm	17	18.5
271-171-4	175-200	±0.007mm	145mm	17	18.5
271-171-5	200-225	±0.008mm	145mm	17	18.5
271-171-6	225-250	±0.008mm	145mm	17	18.5
271-171-7	250-275	±0.008mm	145mm	17	18.5
271-171-8	275-300	±0.008mm	145mm	17	18.5
271-171-9	300-325	±0.012mm	145mm	17	18.5
271-171-10	325-350	±0.012mm	145mm	17	18.5



DIGITAL INDICATORS



SINCERITY & TECHNOLOGY



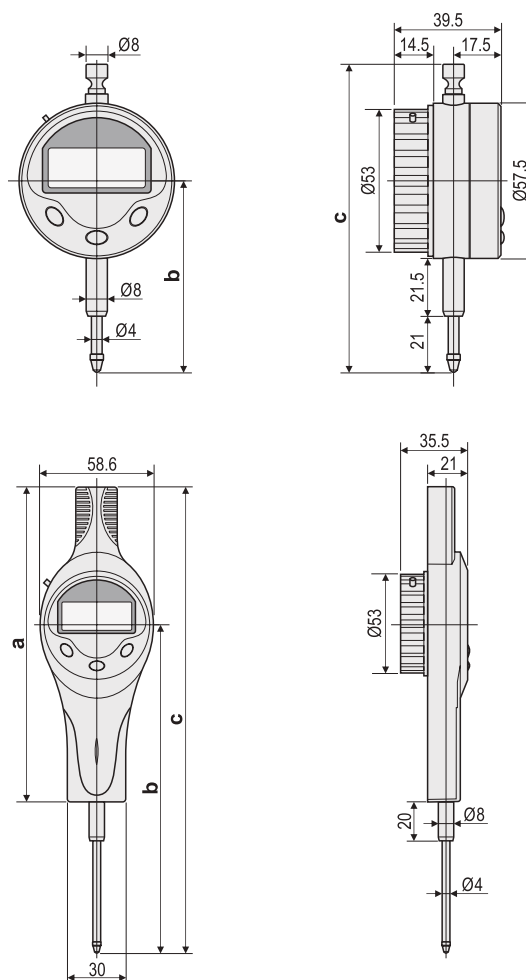
Bluetooth Digital Indicator(0.01)



NEW



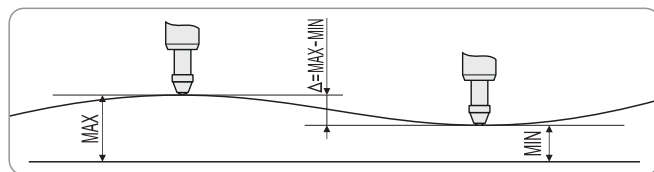
Resolution: 0.01mm



Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm	b mm	c mm
312-101-11MBT	0-12.7	0.03	≤2.2	—	71	114
312-102-11MBT	0-25	0.03	≤2.5	—	83.5	126.5
312-103-10M-SJ	0-30	0.03	≤2.5	122	128	179
312-105-10M-SJ	0-50	0.03	≤2.5	162	168	239

FEATURES

- Keep all functions of the digital display dial indicator
- Equipped with bluetooth back cover, it can transmit measurement data to mobile phones, tablets and computers
- Dual power supply, button battery 1.5V (meter head), CR2032 3V(rear cover)
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory



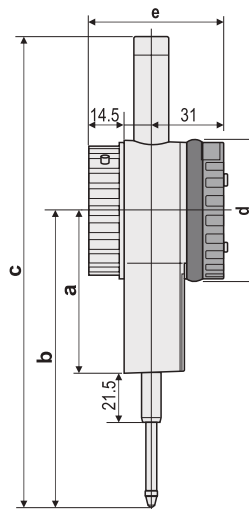
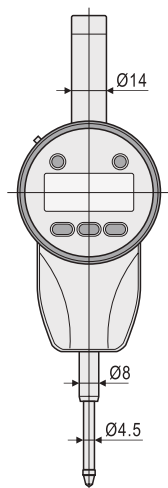
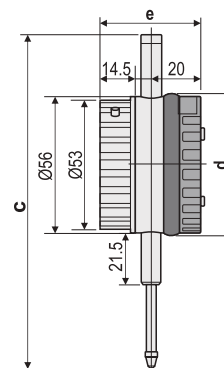
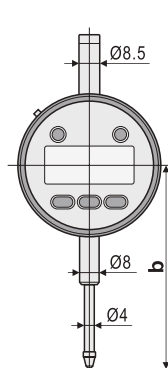
Bluetooth Digital Indicator(0.001)



NEW



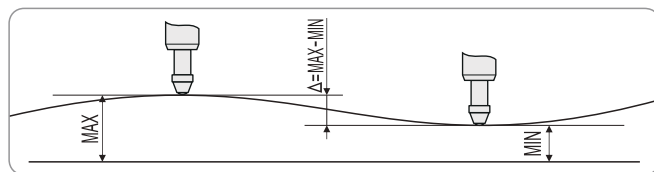
Resolution:0.001mm



Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm	b mm	c mm	d mm	e mm
314-100-20BT	0-6.5	0.003	≤1.5	—	57.5	101	47	44.5
314-101-25BT	0-12.7	0.005	≤2.2	—	70	123.5	59	41.5
314-102-25BT	0-25	0.007	≤2.5	63	118	190	59	56.5
314-105-25BT	0-50	0.01	≤2.5	105	184	282	59	56.5

FEATURES

- Keep all functions of the digital display dial indicator
- Equipped with bluetooth back cover, it can transmit measurement data to mobile phones, tablets and computers
- Dual power supply, button battery CR1632 3V(meter head), CR2032 3V(rear cover)
- Two working modes: simple connection software mode and HID paired keyboard mode
- With OTA wireless upgrade function, function customization and upgrade, no need to return to the factory



H

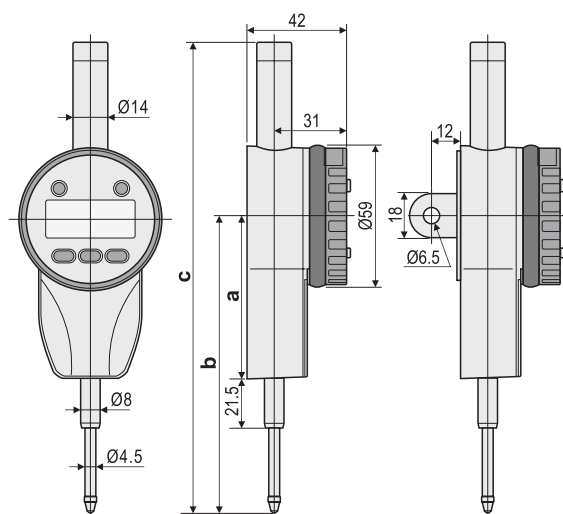
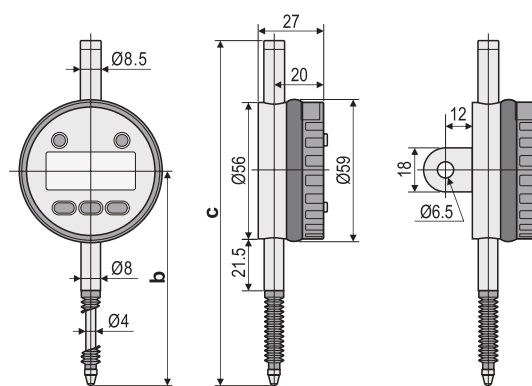


Absolute Digital Indicator(0.01)

GB/T



SPC



Resolution: 0.01mm

D (With Back Lug)

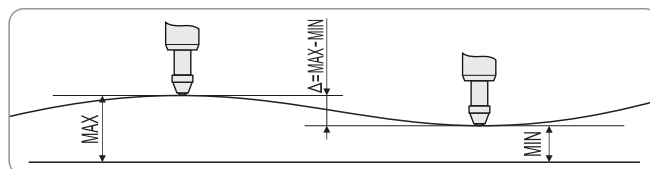
3V Lithium Battery

H

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm	b mm	c mm
312-101-40	0-12.7	0.03	≤1.5	—	70	123.5
312-101-40C	0-12.7	0.03	≤1.5	—	88.5	142
312-102-40	0-25	0.03	≤2.2	63	118	190
312-105-40	0-50	0.03	≤2.2	105	184	282

FEATURES

- Reliable absolutely locating system, no speed limited
- Zero-setting at any position
- Mm/inch conversion at any position
- Press M button, LCD holds the measuring result
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value ($\Delta = \text{MAX} - \text{MIN}$)
- TOL Setting can check if the item is regular
- Absolute zero measurements
- Relative zero measurements
- Measuring value can be transmitted to PC
- Screw USB interface and battery cover

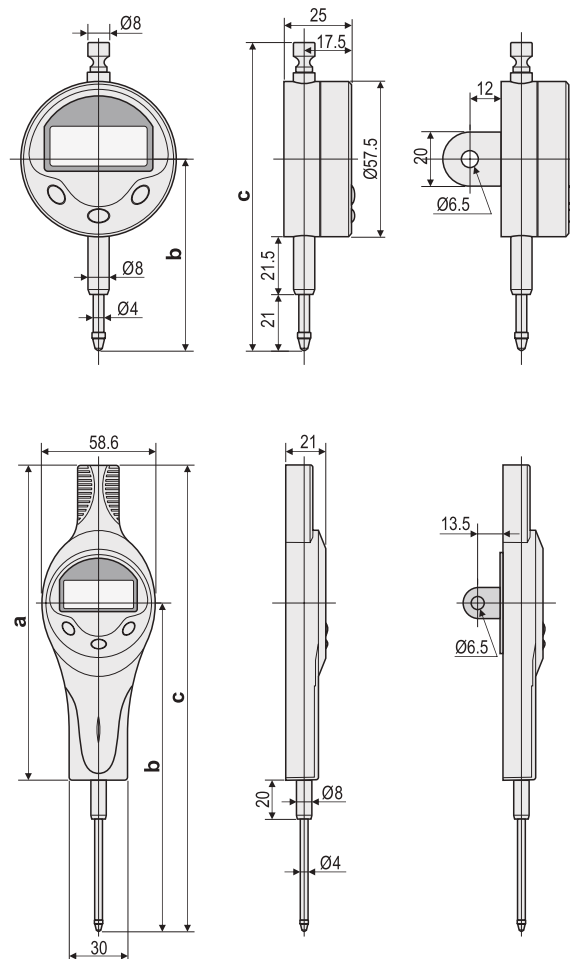


Digital Indicator(0.01)

GB/T



SPC



Resolution: 0.01mm

D (With Back Lug)

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm	b mm	c mm
312-101-11	0-12.7	0.03	≤2.2	—	71	114
312-102-11	0-25	0.03	≤2.5	—	83.5	126.5
312-103-10	0-30	0.03	≤2.5	122	128	179
312-105-10	0-50	0.03	≤2.5	162	168	239

Item code with "M" if need multi-functional

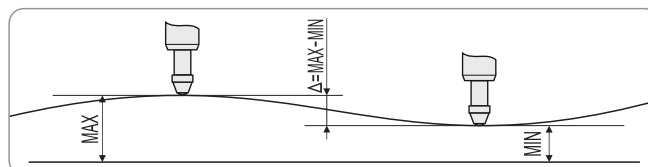
FEATURES:

Standard Type: ON/OFF Key

- Zero-setting at any position
- Mm/Inch conversion at any position
- Measuring value can be transmitted to PC

Multi-Functional Type: M Key

- Zero-setting at any position
- Mm/inch conversion at any position
- Hold the digits on screen
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value ($\Delta = \text{MAX} - \text{MIN}$)
- Measuring value can be transmitted to PC



H

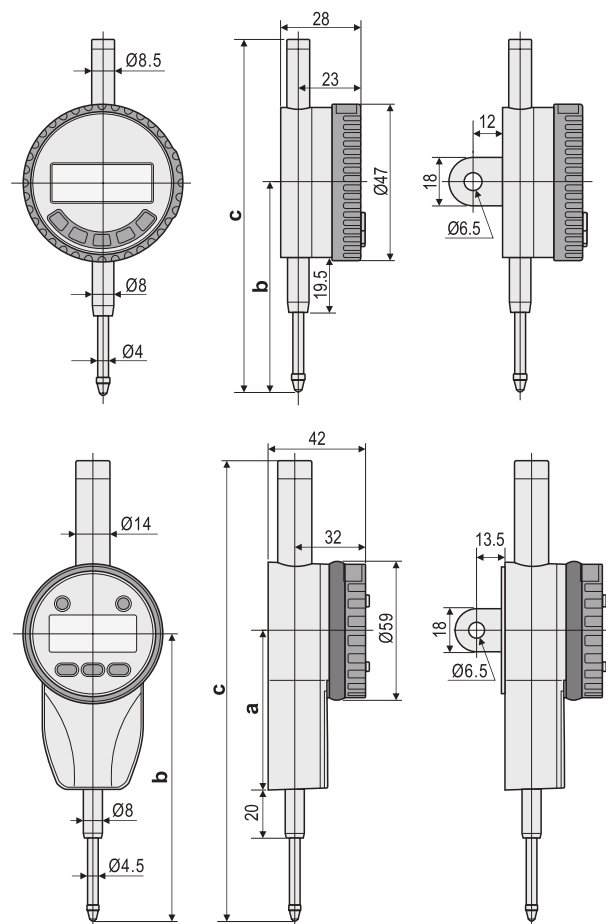


Digital Indicator(0.001)

GB/T



SPC



Resolution: 0.001mm

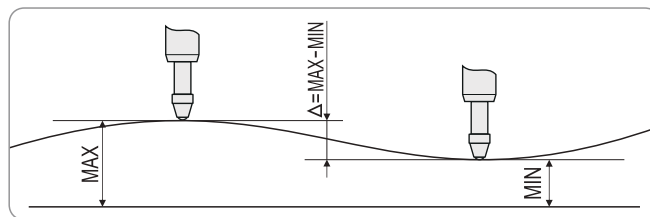
D (With Back Lug)

H

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm	b mm	c mm
314-100-20	0-6.5	0.003	≤1.5	—	57.5	101
314-100-20C	0-6.5	0.003	≤1.5	—	70	113.5
314-101-25	0-12.7	0.005	≤2.2	—	70	123.5
314-101-25C	0-12.7	0.005	≤2.2	—	88.5	142
314-102-25	0-25	0.007	≤2.5	63	118	190
314-105-25	0-50	0.01	≤2.5	105	184	282

FEATURES

- Zero-setting at any position
- Mm/inch conversion at any position
- Press M button, LCD holds the measuring result
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value ($\Delta = \text{MAX} - \text{MIN}$)
- TOL Setting can check if the item is regular
- Absolute and Increase measurement
- Set a value before measuring
- Data output port
- Screw locking the data output port and battery cover
- Glass sensor is more durable and accurate
- Data processing is faster and with better adaptability

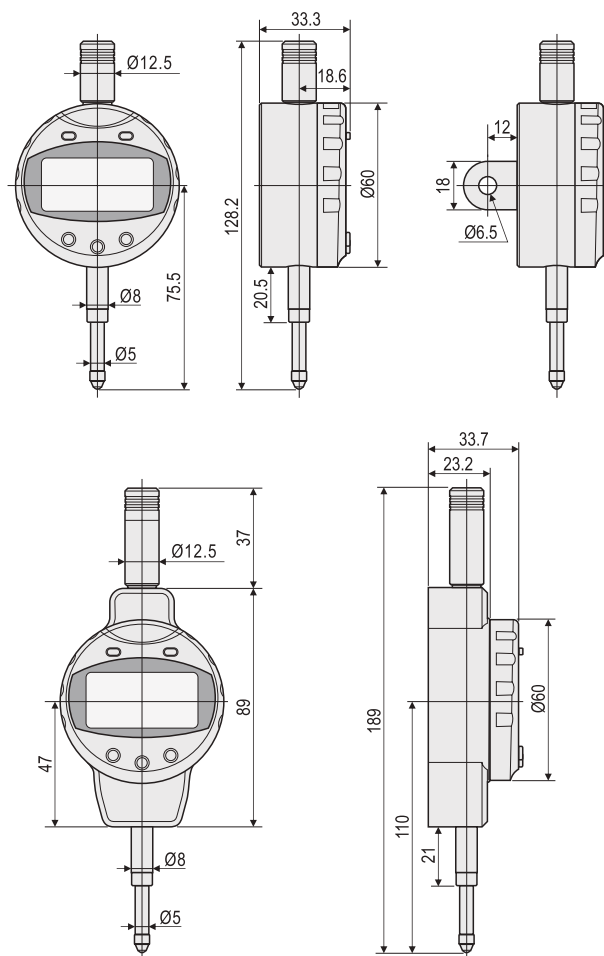


Absolute Digital Indicator(0.001)



Resolution: 0.0005mm/0.00001"

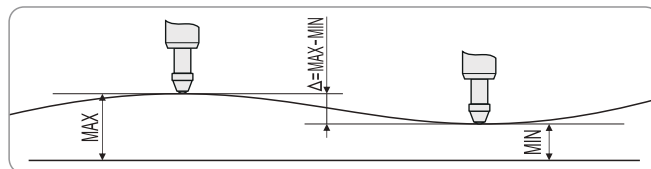
With rechargeable lithium battery



FEATURES

- Absolute coding grating displacement sensor technology, no limit for response speed, data processing is faster and more stable
- Build-in rechargeable lithium battery, external charger can be used for continuous monitoring
- Zero-setting at any position
- Mm/inch conversion at any position
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value ($\Delta = \text{MAX} - \text{MIN}$)
- TOL Setting can check if the item is regular
- Segment measurement of workpiece, accumulate segment date after measurement
- Original setting without repeated zero-setting. Preset one basic size before measurement, and the data read out during measurement is the actual size of the workpiece, that is, the actual size = preset basic size + deviation
- Measuring value can be transmitted to PC

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N
314-201WH	0-12.7	0.003	≤ 1.5
314-202WH	0-25	0.003	≤ 1.8



H

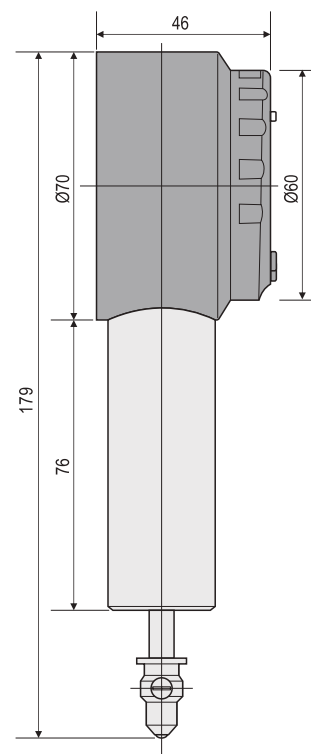
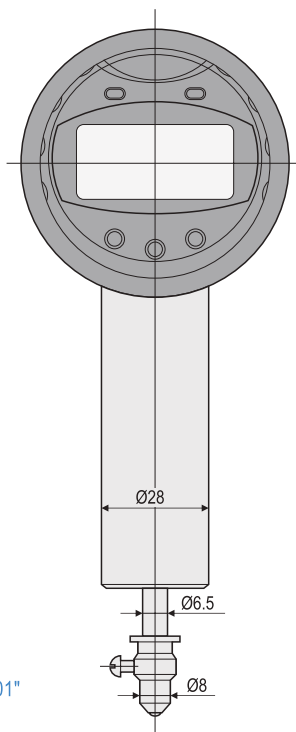


Absolute Digital Display Comparator

**NEW**

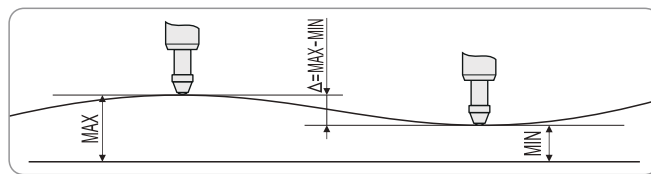
Resolution: 0.0005mm/0.00001"

With rechargeable lithium battery

**H****FEATURES**

- Absolute coding grating displacement sensor technology, no limit for response speed, data processing is faster and more stable
- Build-in rechargeable lithium battery, external charger can be used for continuous monitoring
- Zero-setting at any position
- Mm/inch conversion at any position
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value ($\Delta = \text{MAX} - \text{MIN}$)
- TOL Setting can check if the item is regular
- Segment measurement of workpiece, accumulate segment date after measurement
- Original setting without repeated zero-setting. Preset one basic size before measurement, and the data read out during measurement is the actual size of the workpiece, that is, the actual size = preset basic size + deviation
- Measuring value can be transmitted to PC

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N
310-201WH	0-5	≤ 0.0014	≤ 1.5

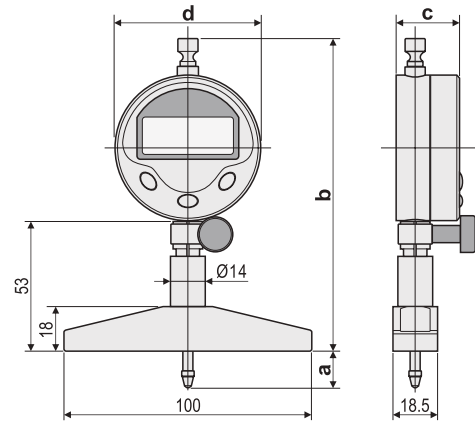


Depth Indicator

JB/T



SPC



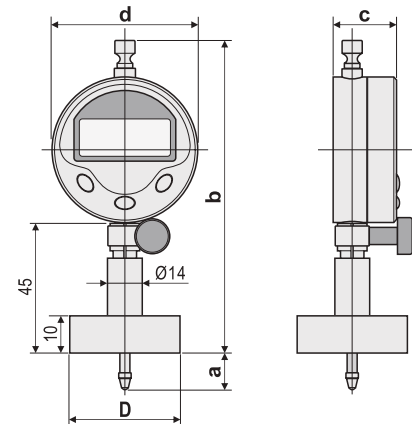
Resolution:0.01mm



723-303
Square Base



723-302
Round Base



H

FEATURES

- With a stable locking part
- Different bases for easy measuring
- With several sets for meeting different measuring needs

Specifications of Round Base

Code NO.	D
723-302A	Ø16
723-302B	Ø25
723-302	Ø40

A Series

Code NO.	Base Code	Indicator Code	Measuring Range mm	a mm	b mm	c mm	d mm
317A-312-101-11	723-303	312-101-11	0-12.7	13.5	125	25	Ø57.5
317A-312-102-11		312-102-11	0-25	26.5	125	25	Ø57.5
317A-314-101-25		314-101-25	0-12.7	13.5	134.5	26.5	Ø59
317A-314-102-25		314-102-25	0-25	26.5	188.5	42	—
317A-321-123-4		312-123-4	0-10	11.5	128	24.5	Ø56

B Series

Code NO.	Base Code	Indicator Code	Measuring Range mm	a mm	b mm	c mm	d mm
317B-312-101-11	723-302	312-101-11	0-12.7	13.5	125	25	Ø57.5
317B-312-102-11		312-102-11	0-25	26.5	125	25	Ø57.5
317B-314-101-25		314-101-25	0-12.7	13.5	134.5	26.5	Ø59
317B-312-102-25		314-102-25	0-25	26.5	188.5	42	—
317B-321-123-4		312-123-4	0-10	11.5	128	24.5	Ø56

Note: Users can match the Base with Indicator according to measuring requirements.



Indicator with Exchangeable Bases for Depth Measuring

JB/T

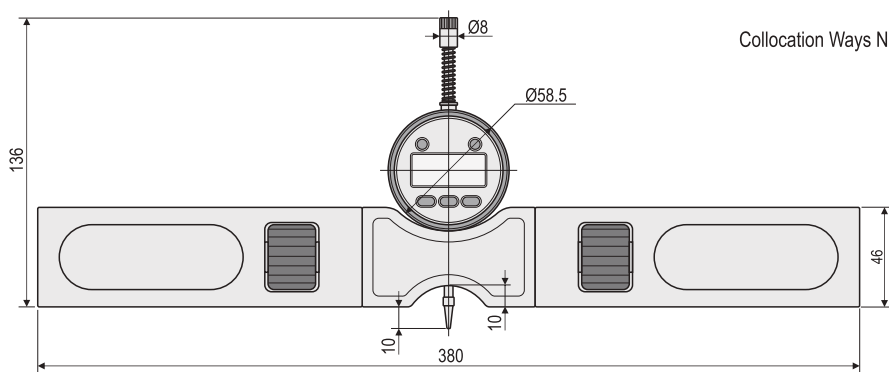
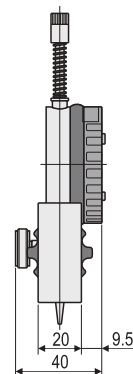


SPC

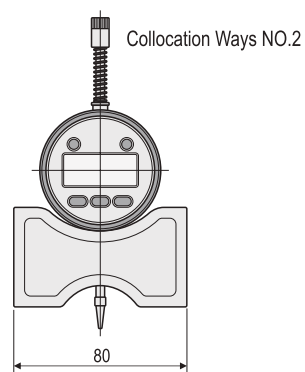
317-202T

Resolution: 0.01mm

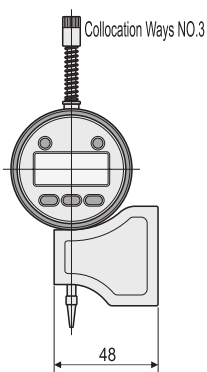
Side



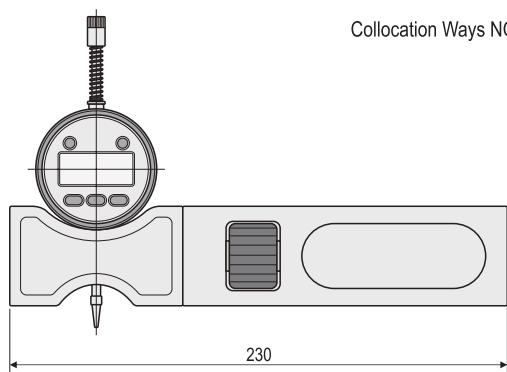
Collocation Ways NO.1



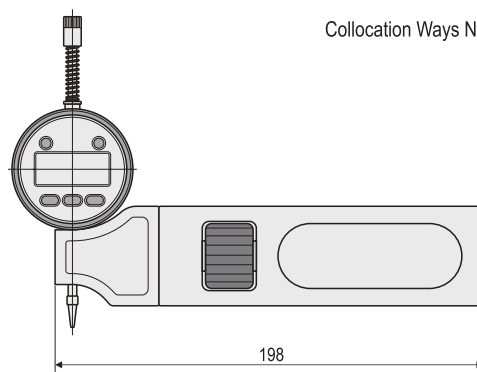
Collocation Ways NO.2



Collocation Ways NO.3



Collocation Ways NO.4



Collocation Ways NO.5

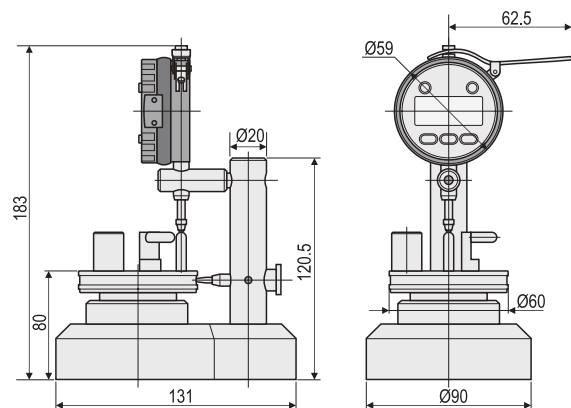
FEATURES

- Aluminium alloy frame, light weight for easy carry
- Can be used for 5 ways
- Easy to assemble and disassemble
- Can match with different measuring range indicators
- For measuring wood, earth, bridge, railway, tower frame, pipe etc.

Thickness Indicator for Capsule



SPC



Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
316-170	0-10	0.001	0.003

FEATURES

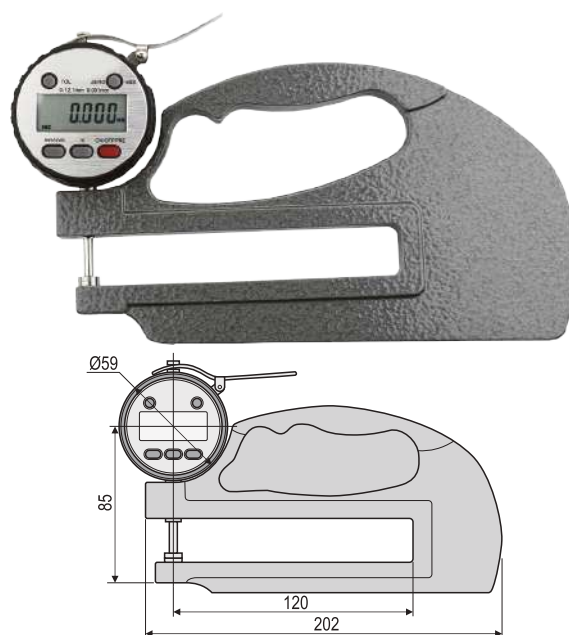
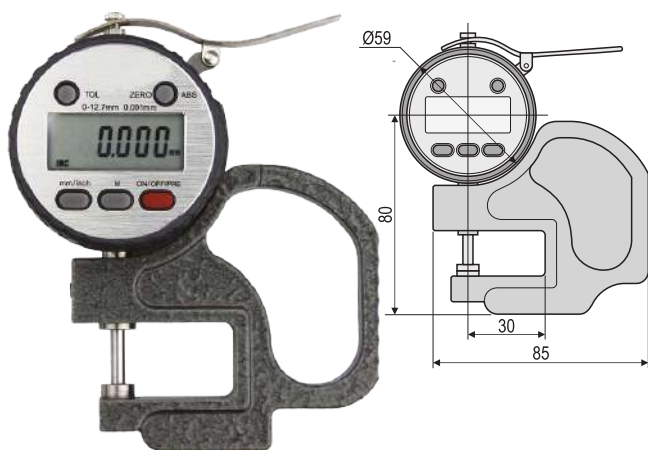
- Inspect the size of each side of the capsule, including the top thickness, group thickness, outer diameter and length
- Light weight, small size
- Simple operation and easy to maintenance
- Quick measurement, high accuracy
- Customized measuring tip is available

Digital Thickness Gauge

GB/T



SPC



FEATURES

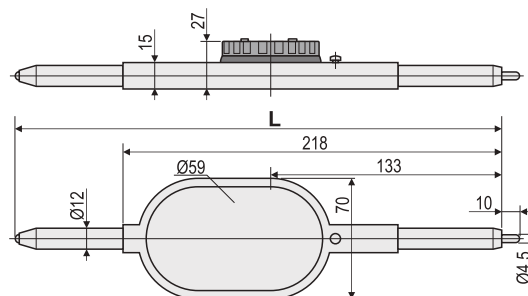
- Zero-setting at any position
- Universal purposes with many kinds of measuring faces
- Suited for measuring thickness of paper film, wire, sheet metal, jewelry, leather and similar materials
- Can fast trace MAX/MIN value

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	Probe Depth mm
316-150	0-10	0.01	0.03	30
316-151	0-10	0.01	0.03	120
316-160A	0-10	0.001	0.009	30
316-161A	0-10	0.001	0.009	120

Large-range Gauge for Inner Diameter



SPC



FEATURES

- Wide measuring range (>250mm), measuring range (10mm)
- Digital display, read measuring result more directly and easily
- Absolute and relative measurement are available
- Removable measuring rod is easy to collect

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
318-201	0-10	0.01	0.02

Operation instruction

1. Contact the two side of measuring rod with the pipe or groove, move the measuring point, the largest number on the display is the size of the workpiece
2. Relative measurement $M=L+a$; Absolute measurement $M=a$.
Preset L value in the indicator
M: measured value, L: calibration value, a: display value

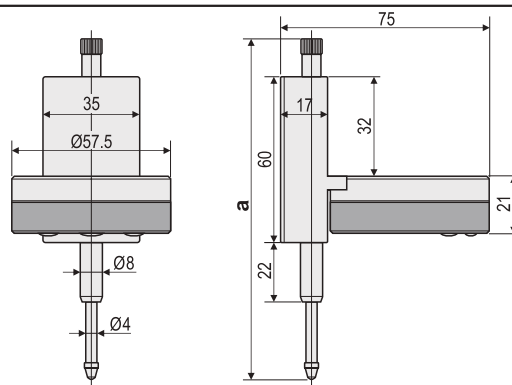
Digital Indicator (Perpendicular type)



SPC



Resolution: 0.01mm



Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	a mm
312-231	0-10	0.02	≤1.5	115.5
312-232	0-20	0.03	≤2.2	125.5

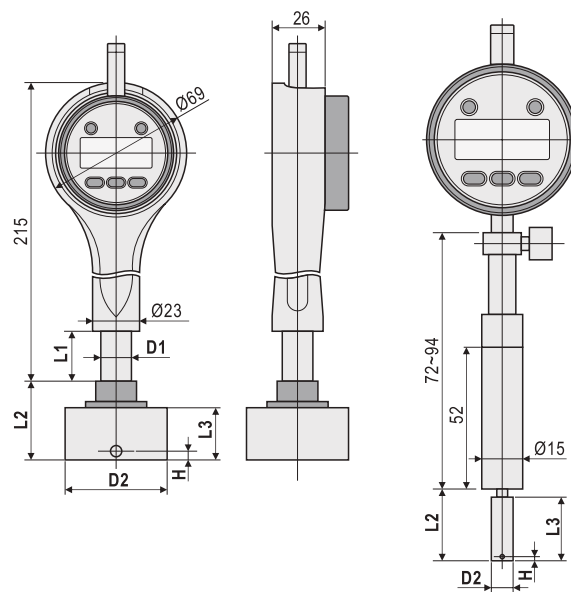
FEATURES

- Zero-setting at any position
- Mm/inch conversion at any position
- Press M button, LCD holds the measuring result
- Hold the max or the minimum reading during measurement
- Tracing the balance between Max and Min value (Δ = MAX-MIN)
- Data output port
- Display LCD is perpendicular to the measuring tip, easy for reading
- For checking car's safety glass

Plug Gauge



Resolution: 0.001mm

**NOTE:**

- A. Customized measuring size;
 B. Customized measuring range is the minimum size of hole. For example, if size of work piece is $\varnothing 50D7 (\varnothing 50^{+0.105}_{+0.08})$, then the customized size should be $\varnothing 50.080$; if the size of work piece is $\varnothing 35H7 (\varnothing 35^{+0.025}_0)$, then the customized size should be $\varnothing 35.000$.
 C. Setted setting ring is with the minimum size, if need special size have to contact with us.

FEATURES

- High precision: 0.002mm High repeatability: 0.001mm
- Durable and high shock resistance
- Easy to use and maintenance
- With different measuring tips, can measure 3-270mm hole

H

Specifications of Bar & Plug Gauge Head

Bar code	L1	D1	Screw thread size M
MH6-150-P	18	Ø10	M6X0.75
MH10-150-P	25	Ø15	M10X1
MH4-67-F	—	—	M3.5X0.35

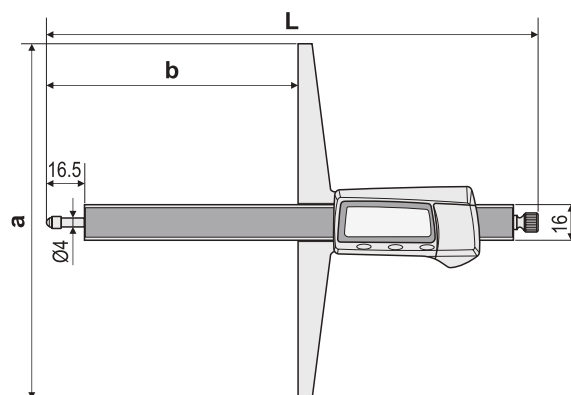
Plug gauge head code		D2	L2	L3	M	H	Measuring Range um	Bar code
S type blind hole measurement	S4	$2.98 \leq D2 < 9$	31.3	23.3	M3.5X0.35	1.5	100	MH4-67-F
	S6	$7 \leq D2 < 20$	33.5	25	M6X0.75	3	150	MH6-150-P
	S10	$15 \leq D2 < 44$	39	26	M10X1	3.5	200	MH10-150-P
	S10	$44 \leq D2 < 70$	39.5	26	M10X1	4	200	MH10-150-P
	S10	$70 \leq D2 < 270$	39.5	33	M10X1	4	200	MH10-150-P
D type through hole measurement	D4	$2.98 \leq D2 < 9$	35.8	27.8	M6X0.75	6	100	MH4-67-F
	D6	$7 \leq D2 < 20$	39.5	31	M10X1	9	150	MH6-150-P
	D10	$44 \leq D2 < 70$	45	32	M10X1	9.5	200	MH10-150-P
	D10	$44 \leq D2 < 70$	46	26	M10X1	10.5	200	MH10-150-P
	D10	$70 \leq D2 < 270$	51	33	M6X0.75	15	200	MH10-150-P
FB type shallow blind hole measurement	FB6	$7 \leq D2 < 16$	31.1	22.6	M10X1	0.6	150	MH6-150-P
	FB10	$15 \leq D2 < 44$	39	26	M10X1	1.1	150	MH10-150-P
	FB10	$44 \leq D2 < 70$	39	25.5	M10X1	1.1	150	MH10-150-P
	FB10	$70 \leq D2 < 150$	39	32.5	M10X1	1.1	150	MH10-150-P



Large-range Digital Depth Indicator



SPC



Resolution: 0.01mm

Code NO.	Measuring Range mm	Accuracy mm	L mm	a mm	b mm
317-405-10	0-50	0.03	155	150	53
317-410-10	0-100	0.03	205	150	103
317-415-10	0-150	0.03	255	150	153
317-420-10	0-200	0.03	305	150	203
317-405-10A	0-50	0.03	155	200	53
317-410-10A	0-100	0.03	205	200	103
317-415-10A	0-150	0.03	255	200	153
317-420-10A	0-200	0.03	305	200	203

FEATURES

- Small size, light in weight and large measuring range ;
- Simple operation and accurate positioning ;
- Measurement can be done by one hand ;
- Through the fixture, it can be used as a thickness gauge.

Digital Display Inner Diameter Caliper



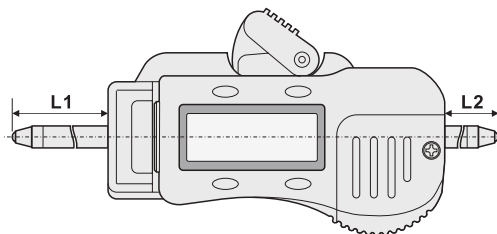
SPC

H

NEW



Resolution: 0.01mm

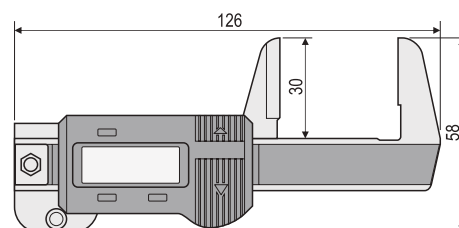


FEATURES

- Different measuring rods can be selected to measure the range of 100-200mm(stroke of 10mm)
- Configure different calibration devices for different measuring ranges
- It is convenient to measure the internal dimension simply and quickly
- Preset any reading at any position

Code NO.	Measuring Range mm	Accuracy mm	L1 mm	L2 mm
113-410-1	100-110	±0.03	10	20
113-410-2	110-120	±0.03	20	20
113-410-3	120-130	±0.03	30	20
113-410-4	130-140	±0.03	40	20
113-410-5	140-150	±0.03	50	20
113-410-6	150-160	±0.03	20+40	20
113-410-7	160-170	±0.03	20+50	20
113-410-8	170-180	±0.03	30+50	20
113-410-9	180-190	±0.03	40+50	20
113-410-10	190-200	±0.03	50+50	20

Digital Thickness Indicator with Single Large-sized Measuring Face



Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
315-401	0-30	0.01	0.03

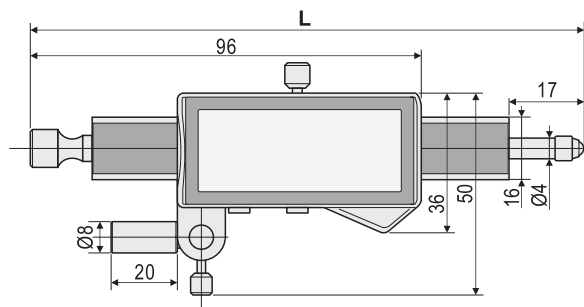
FEATURES

- Light weight
- Easy to operate
- High efficiency
- Used for measuring dimensions of small workpiece
- Power on/off
- Mm/inch conversion at any position
- Zero-setting at any position

Rectangle Digital Indicator



Resolution: 0.01mm



FEATURES

- The clamping structure is convenient and reliable
- Power on/off
- Mm/inch conversion
- Zero-setting at any position
- Data transmission via USB data cable and data adapter
- The absolute origin technology is adopted, which is not easy to be disordered and has wider adaptability

Code NO.	Measuring Range mm	Accuracy mm	Measuring Force N	L mm
311-101-40	0-10	0.02	≤1.5	124
311-103-40	0-30	0.03	≤2.2	144
311-105-40	0-50	0.03	≤2.5	164
311-108-40	0-80	0.03	≤2.5	194
311-110-40	0-100	0.03	≤2.5	214
311-115-40	0-150	0.03	≤2.5	264
311-200-40	0-200	0.03	≤2.5	314

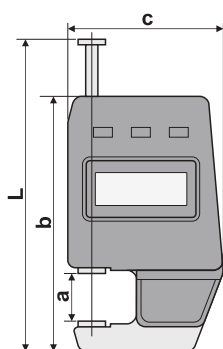


Digital Thickness Gauge

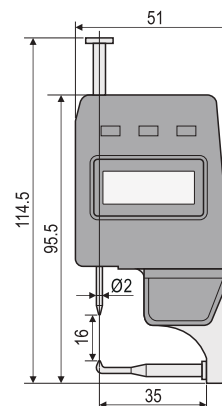
JB/T



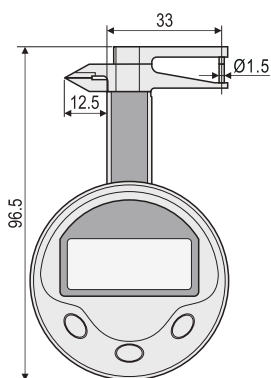
SPC



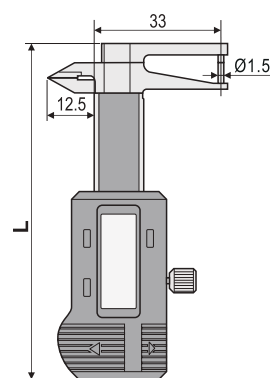
Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm	a mm	b mm	c mm
315-101	0-15	0.01	0.03	102.6	15.8	83.5	51
315-102	0-25	0.01	0.03	133	26	104	61



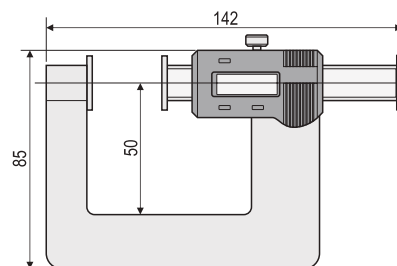
Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
315-181	0-15	0.01	0.03



Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
315-342	0-25	0.01	0.03



Code NO.	Measuring Range mm	Resolution mm	Accuracy mm	L mm
315-240	0-15	0.01	0.03	77
315-241	0-25	0.01	0.03	87

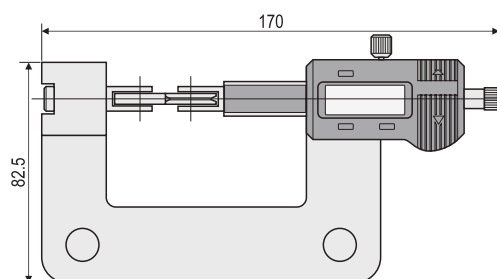


Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
315-303	0-35	0.01	0.03

FEATURES

- Light weight
- Easy to operate
- High efficiency
- Used for measuring dimensions of small workpiece

Digital Gauge for Diameter of Wire


SPC


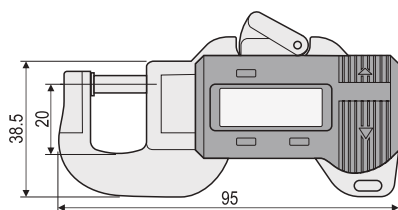
FEATURES

- With high-precision and durable rolling wheels
- Used for continuously on-line measuring wire and molding materials on production
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
316-143	0-30	0.01	0.03

Digital Thickness Gauge

GB/T

SPC


FEATURES

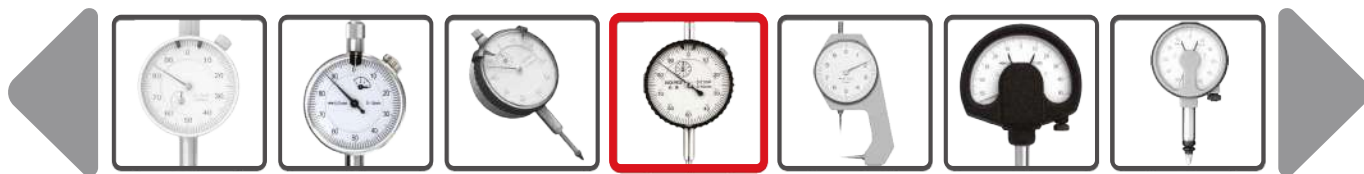
- Suited for measuring thickness of paper, film, wire, sheet metal, jewelry, leather and similar materials

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
316-280	0-12	0.01	0.03

Code NO.	Measuring Range mm	Resolution mm	Accuracy mm
316-281	0-25.4	0.01	0.03

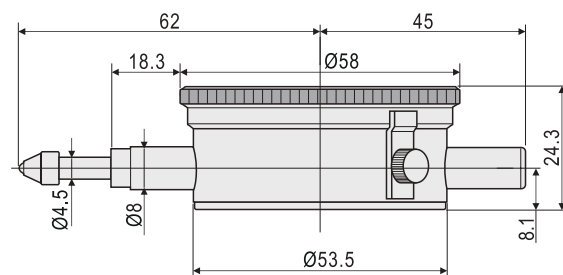


DIAL INDICATORS



SINCERITY & TECHNOLOGY

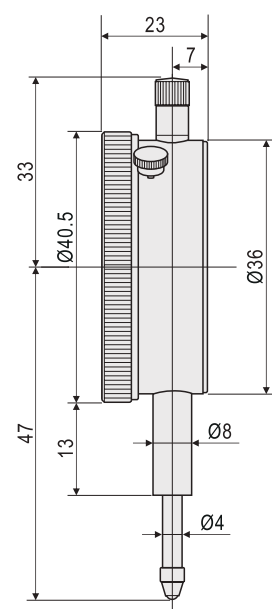
Dial Indicator with 8 Rubies



D (With Back Lug)

Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm
320-162	0.001	0-1	0-200	Ø58
320-162D	0.001	0-1	0-200	Ø58

Dial Indicator



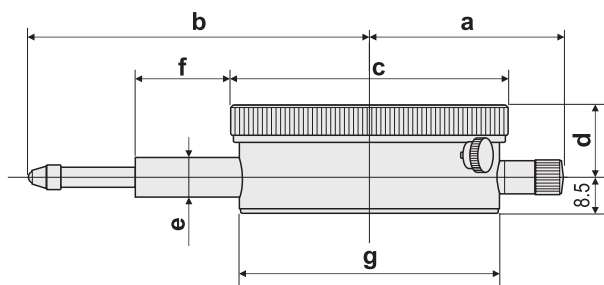
I

Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm
321-111	0.01	0-3	0-100	Ø40.5
321-113	0.01	0-5	0-100	Ø40.5



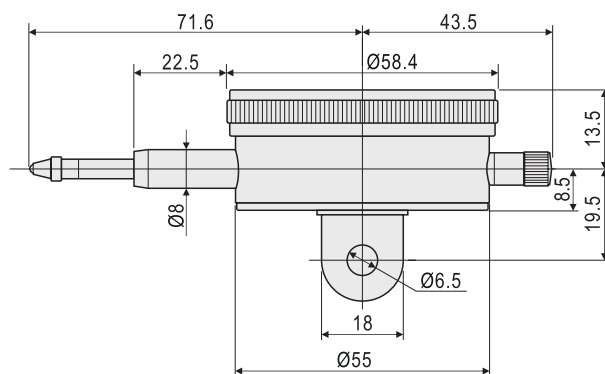
DIAL INDICATORS

Dial Indicator (8mm)



Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	Remark
321-115	0.01	0-8	0-100	Ø40.5	33	50.7	Ø40.5	16	Ø8	13	Ø35	LB231
321-231	.001"	0-.25"	0-100	Ø2.362"	40	85.5	Ø60	16	Ø3/8"	17.6	Ø53	LB260.7
321-232	.0005"	0-.25"	0-100	Ø2.362"	40	72	Ø60	16	Ø3/8"	17.6	Ø53	LB262
321-211	.001"	0-.25"	0-100	Ø1.614"	33.8	49	Ø41	13	Ø3/8"	13	Ø35	LB260.4
321-235-1	.001"	0-1.0"	0-100	Ø2.362"	40	60	Ø60	16	Ø3/8"	17.6	Ø53	LB260.4A

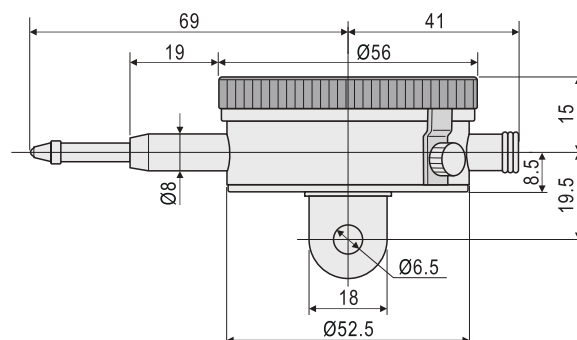
Dial Indicator with 6 Rubies (10mm)



D (With Back Lug)

Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm
321-123TW	0.01	0-10	0-100	Ø58.4

Dial Indicator(10mm)



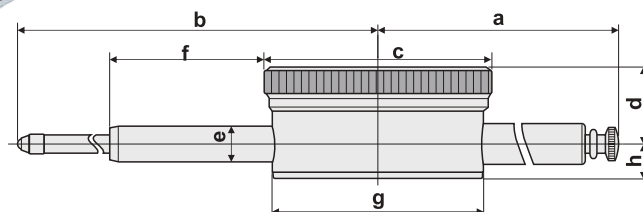
D (With Back Lug)

Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm
321-123-4	0.01	0-10	0-100	Ø56

Large Range Dial Indicator



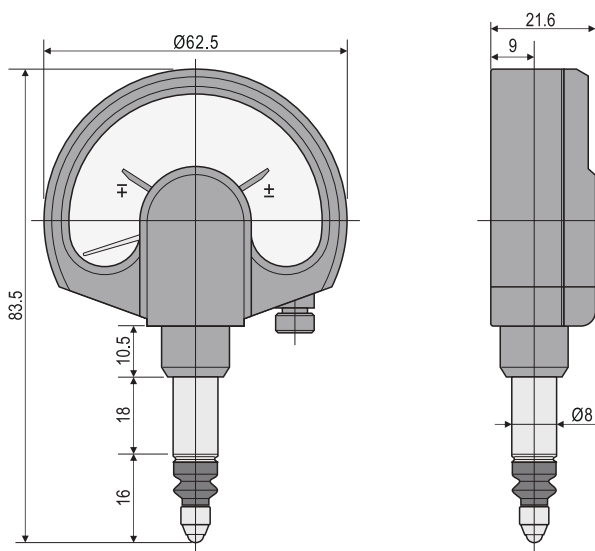
D (With Back Lug)



Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm
321-132	0.01	0-20	0-100	Ø58	37.5	81.6	Ø58	16.3	Ø8	17.5	Ø53.5	8.4
321-133	0.01	0-25	0-100	Ø58	37.5	81.6	Ø58	16.3	Ø8	17.5	Ø53.5	8.4
321-134	0.01	0-30	0-100	Ø58	37.5	86.8	Ø58	19.2	Ø8	19.5	Ø53.5	8.0
321-141	0.01	0-50	0-100	Ø58	108.3	126.2	Ø58	19.2	Ø8	39.5	Ø53.5	8.0
321-142	0.01	0-80	0-100	Ø58	138.4	168.4	Ø58	19.2	Ø8	51.3	Ø53.5	8.0
321-143	0.01	0-100	0-100	Ø78	167.6	207.8	Ø78	19.8	Ø10	60.8	Ø69	9.0
321-223	.001"	0-.25"	0-100	Ø2.362"	40	81.5	Ø60	16	Ø3/8"	17	Ø53	
321-233	.001"	0-.5"	0-100	Ø2.362"	40	68	Ø60	16	Ø3/8"	17	Ø53	
321-234	.0005"	0-.5"	0-100	Ø2.362"	40	68	Ø60	16	Ø3/8"	17	Ø53	
321-234-1	.001"	0-.5"	0-100	Ø2.165"	47.5	18.5	Ø56	16	Ø3/8"	15	Ø50	
321-235	.001"	0-1.0"	0-100	Ø2.362"	40	81.5	Ø60	16	Ø3/8"	17	Ø53	
321-236	.0005"	0-1.0"	0-100	Ø2.362"	40	81.5	Ø60	16	Ø3/8"	17	Ø53	
321-237	.001"	0-2.0"	0-100	Ø2.362"	124	142	Ø60	16	Ø3/8"	44	Ø53	
321-237-1	.001"	0-2.0"	0-100	Ø2.362"	124	142	Ø60	16	Ø3/8"	44	Ø53	



Mechanical Dial Comparator

**FEATURES**

- High accuracy(Rubies 7)
- Shockproof
- Waterproof、dustproof
- Easy to read
- Easy fine adjustment
- Shutter line lift the measuring spindle

Code NO.	Readings mm	Measuring Range mm	Dial reading
320-105A	0.001	±0.05	50-0-50

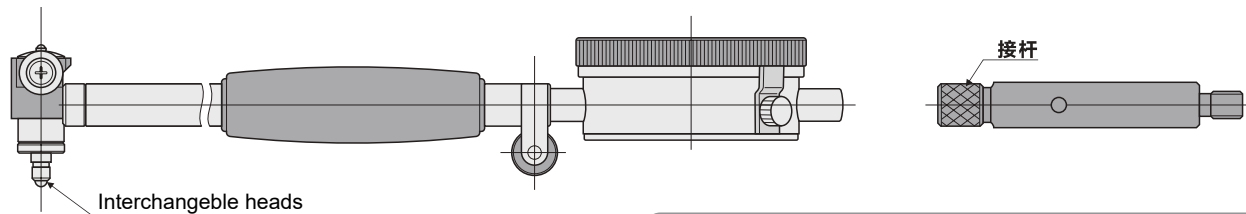
Dial Test Indicator

**FEATURES**

- Performs easy and accurately measurement of narrow or recessed areas and inside and outside diameters that measured difficulty
- Special structure for automatic reversal of measuring direction
- High-sensibility and quick-response (8 jeweled)
- Contact points made of various materials are optional (carbide, steel hardened,jewel)
- Stem of clamp ring (Ø6h7) is optional

Code NO.	Readings mm	Measuring Range mm	Dial reading	Ring diameter mm	Measuring Spindle mm	Remark
322-001	0.002	0-0.2	0-100-0	Ø40 Ø32	14.7	Lb411
322-221	0.01	0-0.8	0-40-0	Ø38 Ø30	15.7	LB433H
322-301	.0001"	0-.008"	0-4-0	Ø38 Ø32	14.7	Lb460
322-311	.0005"	0-.03"	0-15-0	Ø38 Ø32	15.7	Lb470

Ball Type Dial Bore Indicator

**FEATURES**

- The bore gauges are used to measure internal dimensions of work pieces by comparative method
- These series bore gauges are equipped with a good guiding protective bridge which can be self-centering exactly and reliably
- The moveable anvil on one side and an interchangeable on another side, which serves for setting the bore diameters
- There are many types of dial indicators for choice according to the needs of customers

Code NO.	Measuring Range mm	Measuring Depth mm/in	Remark
328-116P	Ø6 -Ø10	40	A × 9 D × 1
328-131P	Ø10-Ø18	100	A × 9 B × 1 D × 1
328-132P	Ø18-Ø35	125	A × 7
328-133P	Ø35-Ø50	150	A × 3
328-134P	Ø50-Ø160	150	A × 5 C × 1
328-135P-1	Ø160-Ø250	400	A × 5
328-136P-1	Ø250-Ø450	400	A × 5 C × 1
328-150P	Ø0.24"-Ø0.4"	1.8"	A × 9 D × 1
328-151P	Ø0.4"-Ø0.7"	4"	A × 9 B × 1 D × 1
328-152P	Ø0.7"-Ø1.5"	5"	A × 8
328-153P	Ø1.4"-Ø2.4"	6"	A × 6 B × 4
328-154P	Ø2"-Ø6"	6"	A × 11 B × 4 C × 1
328-155P-1	Ø6"-Ø10"	16"	A × 6 B × 6 C × 1
328-156P-1	Ø10"-Ø16"	16"	A × 6 B × 6 C × 2

Please see the following A B C for in the above table:

A: Interchangeable contact point B: Adjustable Washers C: Extension Rod D: Disassembly tool

The following Dial & Digital gauges are optional

Type	Model No.	Reading × Range	Remark
A	LB211	0.01 × 3	Face Diameter Ø40 NO. 321-111
B	LB217	0.01 × 3	Face Diameter Ø60 NO. 321-111-2
C	LB224.5	0.01 × 5	Face Diameter Ø40 NO. 321-130
D	LB262	0.0005" × 0.25"	Face Diameter Ø2.362" NO. 321-232
E	LB110	0.001 × ± 0.05	Face Diameter Ø2.362" NO. 320-105A
F	LB112	0.001 × 1	Face Diameter Ø55 NO. 320-162
G	SXB254A	0.01/0.0005" 6.5/0.28"	Digital gauge Type M
H	SXB253A	0.01/0.0025" 12.7/0.5"	Digital gauge Type M
J	SXB153A	0.001/0.00005" 6.5/0.25"	Digital gauge Type M
K	SXB152A	0.001/0.00005" 12.7/0.5"	Digital gauge Type M

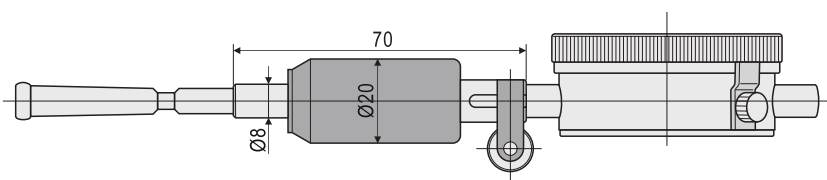
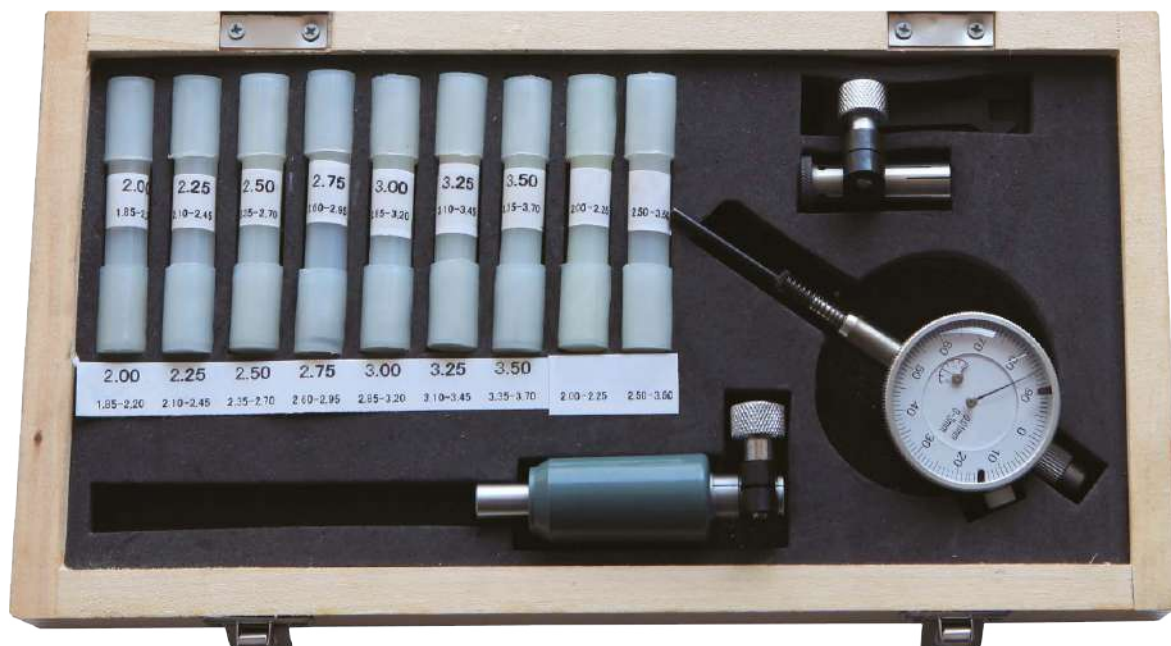
"X" at the end of Order No. stands for a type of Dial gauge coming with Dial Bore Gauge. For example, if one purchases Dial Bore Gauge (Ø10-Ø18mm) and choose type E as Dial gauge (E: 0.001 mm × ± 0.05mm), Order number for this dial bore gauge is 328-131E.

Remarks: If you need digital display inner diameter gauge and Bluetooth digital display inner diameter gauge, please order through technical consultation.



DIAL INDICATORS

Expanding Head Dial Bore Indicator



Anvil Diameter And Measuring Range

Anvil Diameter mm	Measuring Range mm/inch	The Max Measuring Depth mm
Ø1.00	0.95-1.10	13
Ø1.10	1.05-1.20	13
Ø1.20	1.15-1.35	13
Ø1.35	1.30-1.50	13
Ø1.50	1.45-1.65	13
Ø1.75	1.65-1.95	17
Ø2.00	1.85-2.20	17
Ø2.25	2.15-2.45	17
Ø2.50	2.35-2.70	25
Ø2.75	2.60-2.95	25
Ø3.00	2.85-3.20	25
Ø3.25	3.10-3.45	25
Ø3.50	3.35-3.70	25
Ø3.75	3.60-3.95	25
Ø4.00	3.85-4.20	25
Ø4.50	4.10-4.70	41
Ø5.00	4.60-5.20	41
Ø5.50	5.10-5.70	41
Ø6.00	5.60-6.20	41
Ø6.50	6.10-6.70	41
Ø7.00	6.60-7.20	41
Ø8.00	7.10-8.30	50
Ø9.00	8.10-9.40	50
Ø10.00	9.30-10.50	50

FEATURES

- With location depth attachment, easily and quickly measure
- The tip of anvil is spherical so that can be self-centering measuring the bore
- The product is precision measuring instrument. The spring head push spindle of dial gauge to movement via the pin with taper point end

Code NO.	Measuring Range mm/inch	The Max Measuring Depth mm	Used standard	Remark
328-121X	Ø1.0-Ø2.0	13.17	JB	LB551A
328-122X	Ø2.0-Ø3.5	17.25	JB	LB552A
328-123X	Ø3.5-Ø6.0	25.41	JB	LB553A
328-126X	Ø6.0-Ø10.0	41.50	JB	LB554A

"X" at the end of Order No. stands for a type of Dial gauge coming with Dial Bore Gauge. For example, if one purchases Dial Bore Gauge (Ø10-Ø18mm) and choose type E as Dial gauge (E: 0.001 mm × ± 0.05mm), Order number for this dial bore gauge is 328-131E.

The following Dial & Digital gauges are optional

Type	Model No.	Reading × Range	Remark
A	LB211	0.01 × 3	Face Diameter Ø40 NO. 321-111
B	LB217	0.01 × 3	Face Diameter Ø60 NO. 321-111-2
C	LB224.5	0.01 × 5	Face Diameter Ø40 NO. 321-130
D	LB262	0.0005" × 0.25"	Face Diameter Ø2.362" NO. 321-232
E	LB110	0.001 × ± 0.05	Face Diameter Ø2.362" NO. 320-105A
F	LB112	0.001 × 1	Face Diameter Ø55 NO. 320-162
G	SXB254A	0.01/0.0005" 6.5/0.28"	Digital gauge Type
H	SXB253A	0.01/0.0025" 12.7/0.5"	Digital gauge Type M
J	SXB153A	0.001/0.00005" 6.5/0.25"	Digital gauge Type M
K	SXB152A	0.001/0.00005" 12.7/0.5"	Digital gauge Type M

Dial Thickness Gauge



325-101



325-181



325-102

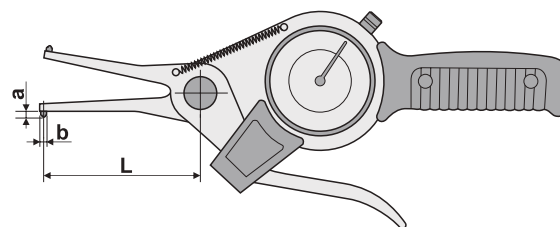
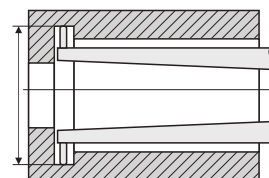
FEATURES

- Suited for measuring thickness of paper, film, wire, sheet metal, jewelry, leather and similar materials.

Code NO.	Graduation mm	Measuring Range mm	Remarks
325-181	0.1	0-10	LB637 Needle measuring point
325-101	0.1	0-10	LB638 Protuberant glass, black taper plastic ring
325-102	0.1	0-20	LB643



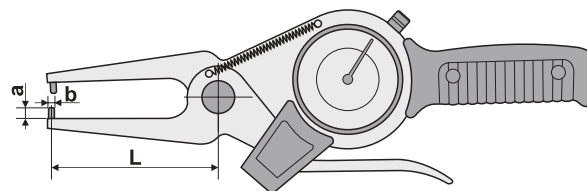
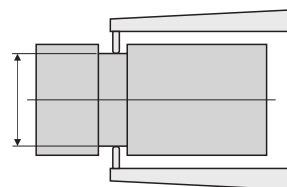
Inside Dial Snap Gauge

S/STL
hardened**FEATURES**

- Customized measuring tips are available form for special measuring range
- Used for measuring special work pieces with flange steel, automobile hub, precise accessories etc
- Used for quick ID, inside groove, centre distance measurements
- Exchangeable measuring tips easy used for ball screw

Code NO.	Measuring Range mm	Graduation mm	L mm	a mm	b mm	Remark
323-131	15-35	0.01	50	3	Ø3	NKG15-35
323-132	35-55	0.01	80	6	Ø3	NKG35-55
323-133	55-75	0.01	90	8	Ø3	NKG55-75
323-134	75-95	0.01	100	8	Ø3	NKG75-95
323-135	95-115	0.01	150	10	Ø3	NKG95-115
323-136	115-135	0.01	150	10	Ø3.2	NKG115-135
323-137	135-155	0.01	160	10	Ø3.2	NKG135-155
323-138	155-175	0.01	160	10	Ø3.2	NKG155-175
323-139	175-195	0.01	160	10	Ø3.2	NKG175-195
323-140	195-215	0.01	160	10	Ø3.2	NKG195-215
323-141	215-235	0.01	160	10	Ø3.2	NKG215-235
323-142	235-255	0.01	160	10	Ø3.2	NKG235-255

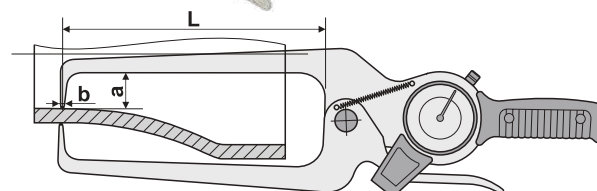
Outside Dial Snap Gauge

S/STL
hardened**FEATURES**

- Can customize measuring tips, special form for special measuring range
- Used for measuring special work pieces with flange steel, automobile hub, precise accessories etc
- Used for quick OD, Outside groove, Tube measurements
- Exchangeable measuring tips easy used for ball screw

Code NO.	Measuring Range mm	Graduation mm	L mm	a mm	b mm	Remark
323-151	0-20	0.01	60	6	Ø3	NKG 0-20
323-152	20-40	0.01	60	6	Ø3	NKG20-40
323-153	40-60	0.01	55	6	Ø3	NKG40-60
323-154	60-80	0.01	55	6	Ø3	NKG60-80
323-155	80-100	0.01	55	6	Ø3	NKG80-100
323-156	100-120	0.01	95	10	Ø3	NKG100-120
323-157	120-140	0.01	95	10	Ø3.2	NKG120-140
323-158	140-160	0.01	95	10	Ø3.2	NKG140-160
323-159	160-180	0.01	95	10	Ø3.2	NKG160-180
323-160	180-200	0.01	95	10	Ø3.2	NKG180-200

Outside Dial Snap Gauge With Large Range

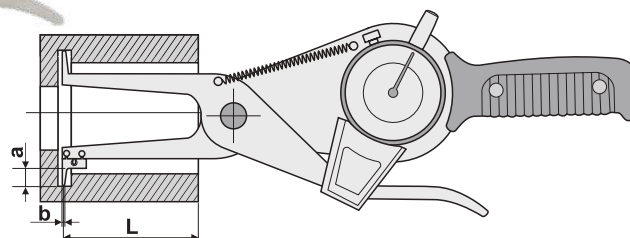
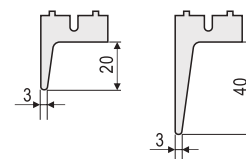


FEATURES

- Can customize measuring tips, special form for special measuring range
- Used for measuring special work pieces with flange steel automobile hub, precise accessories etc
- For quick OD, outside groove, thickness measurements etc

Code NO.	Measuring Range mm	Graduation mm	L mm	a mm	b mm	Remark
323-180	0-40	0.02	205	30	3	WKG0-40
323-181	0-50	0.05	205	30	3	WKG0-50
323-181-1	0-50	0.05	250	30	3	WKG0-50
323-182	0-80	0.10	200	40	3	WKG0-80
323-183	0-100	0.10	250	50	3	WKG0-100
323-183-1	0-100	0.10	300	50	3	WKG0-100
323-183-2	0-100	0.10	400	50	3	WKG0-100
323-183-3	0-100	0.10	480	55	3	WKG0-100
323-183-4	0-100	0.10	500	55	3	WKG0-100

Inside Dial Snap Gauge with Interchangeable Anvils



FEATURES

- It is used to measure inside diameter inside groove and wall thickness etc
- The reformed measuring point can measure groove of roller leading screw
- The changeable measuring point can enlarge the measuring rang. One set can take the place of tow sets of ordinary inside snap gauges and they are patented products
- The body made of chromium or stainless steel is optional

Code NO.	Measuring Range mm	Graduation mm	L mm	a mm	b mm	Remark
323-141	35-55-75	0.01	100	8	3	LG119 35-55-75
323-142	75-95-115	0.01	100	20	3	LG119 75-95-115
323-143	115-135-155	0.01	100	20	3	LG119 115-135-155

Provided with appointed order for special measuring points , special-shape frame and special specification-dimension inside snap gauges according to the needs of customers.



MISCELLANEOUS



SINCERITY & TECHNOLOGY

Digital Scale Units (H-Type)

GB/T

S/STL
hardened



SPC



Resolution: 0.01mm

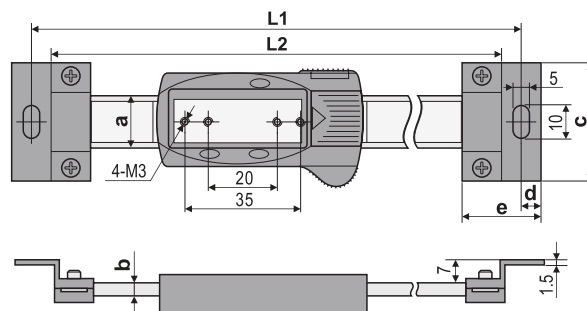


Ranges over 500mm is fit for this cover

FEATURES:

- Screw holes and brackets are available for installing
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Data hold (range ≥ 500 mm)
- Preset any reading at any position (range ≥ 500 mm)
- Mm/inch conversion at any position

Code NO.	Measuring Range mm	Accuracy mm	L1 mm	L2 mm	a mm	b mm	c mm	d mm	e mm
812-100	0-100	± 0.02	206	194	16	4	36	6	24
812-101	0-150	± 0.03	256	244	16	4	36	6	24
812-102	0-200	± 0.03	306	294	16	4	36	6	24
812-103	0-300	± 0.04	436	424	16	4	36	6	24
812-104	0-400	± 0.05	536	524	16	4	36	6	24
812-105	0-500	± 0.05	670	654	24	5.5	45	8	32
812-106	0-600	± 0.08	770	754	24	5.5	45	8	32
812-107	0-700	± 0.08	870	854	24	5.5	45	8	32
812-108	0-800	± 0.10	970	954	24	5.5	45	8	32
812-109	0-900	± 0.10	1070	1054	24	5.5	45	8	32
812-110	0-1000	± 0.10	1224	1204	31	10.5	60	10	40
812-112	0-1200	± 0.12	1424	1404	31	10.5	60	10	40
812-115	0-1500	± 0.14	1724	1704	31	10.5	60	10	40
812-120	0-2000	± 0.20	2224	2204	31	10.5	60	10	40



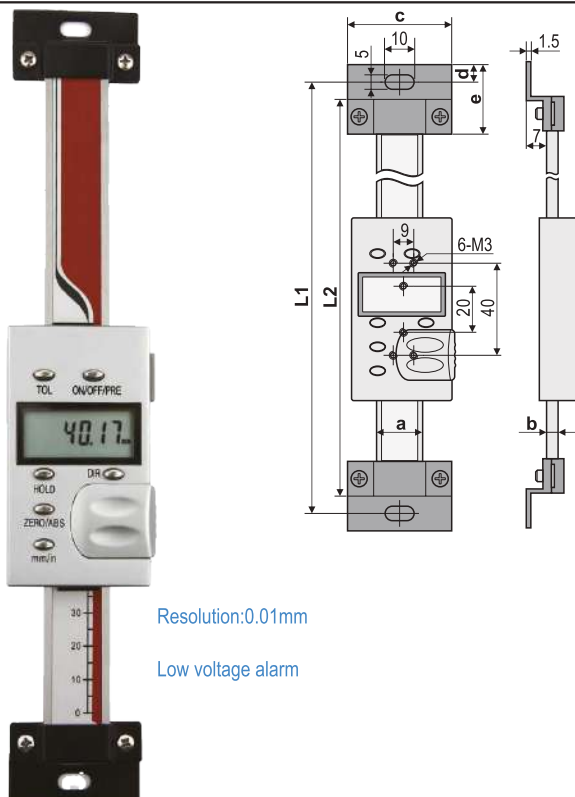
Digital Scale Units (V-Type)

GB/T

S/STL
hardened



SPC



Resolution: 0.01mm

Low voltage alarm



Bidirectional
Reading
Digital Scale
Unit

Code NO.	Measuring Range mm	Accuracy mm
812-201-40	0-150	± 0.03
812-202-40	0-200	± 0.03
812-203-40	0-300	± 0.04
812-204-40	0-400	± 0.05

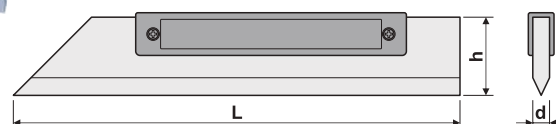
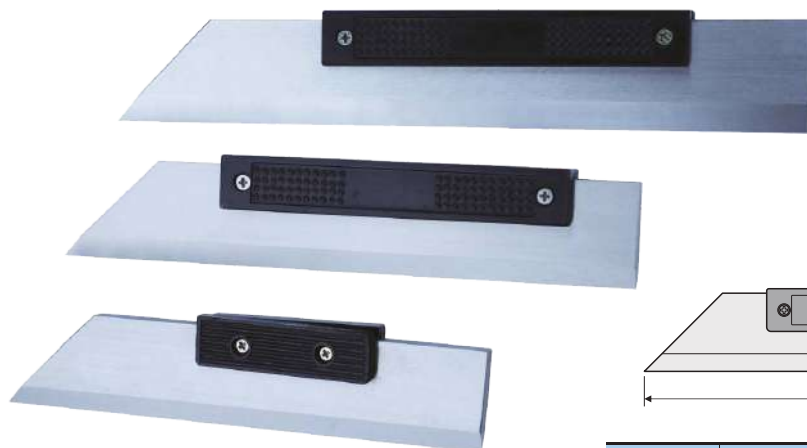
Code NO.	Measuring Range mm	Accuracy mm	L1 mm	L2 mm	a mm	b mm	c mm	d mm	e mm
812-200G	0-100	± 0.02	236	224	20	4	40	6	24
812-201G	0-150	± 0.03	286	274	20	4	40	6	24
812-202G	0-200	± 0.03	336	324	20	4	40	6	24
812-203G	0-300	± 0.04	436	424	20	4	40	6	24
812-204G	0-400	± 0.05	536	524	20	4	40	6	24
812-205G	0-500	± 0.05	670	654	24	5.5	45	8	32
812-206G	0-600	± 0.08	770	754	24	5.5	45	8	32
812-207G	0-700	± 0.08	870	854	24	5.5	45	8	32
812-208G	0-800	± 0.10	970	954	24	5.5	45	8	32
812-209G	0-900	± 0.10	1070	1054	24	5.5	45	8	32
812-210G	0-1000	± 0.10	1224	1204	31	10.5	60	10	40
812-212G	0-1200	± 0.12	1424	1404	31	10.5	60	10	40
812-215G	0-1500	± 0.14	1724	1704	31	10.5	60	10	40
812-220G	0-2000	± 0.20	2224	2204	31	10.5	60	10	40

FEATURES:

- Screw holes and brackets are available for installing
- Zero-setting at any position, convenient for relative and absolute measure conversion
- Data hold
- Preset any reading at any position
- Mm/inch conversion at any position



Knife Straight Edge

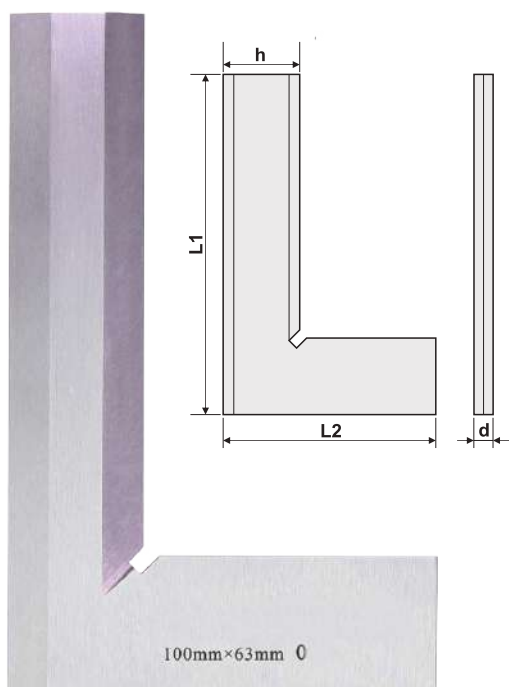


FEATURES:

- Made of integrally hardened stainless steel
- Used to measure the error of workpiece plane shape, such as straightness and flatness
- The working surface is circular arc edge
- Stabilization and demagnetization

Code NO.	L/mm	h mm	d mm	Internationals Standards
512-100	75	22	6	GB/T6091-2022
512-100-1	100	25	6	
512-101	125	25	6	
512-101-1	175	28	6.5	
512-102	200	38	7.5	
512-102-1	225	38	7.5	
512-103	300	38	7.5	
512-104	400	45	7.5	
512-105	500	50	7.5	Q/GGSC 450323502-2021
512-106	600	60	7.5	
512-108	800	80	8	
512-110	1000	80	8	

Edged Square

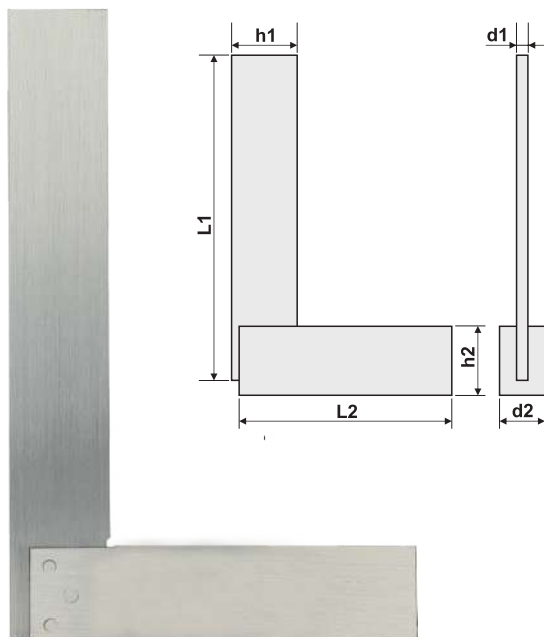


FEATURES:

- Made of integrally hardened stainless steel
- Used to measure the perpendicularity of the workpiece
- The working surface is circular arc edge
- Stabilization and demagnetization

Code NO.	L1*L2(mm)	h mm	d mm	Internationals Standards
412-101	50*32	14	3.8	GB/T6092-2021
412-101-1	63*40	16	3.8	
412-101-2	80*50	18	4.5	
412-102	100*63	20	5	
412-102-1	125*80	24	5	
412-103	160*100	30	6.8	
412-104	200*125	30	6.8	
412-105	250*160	40	7.8	
412-106	300*200	40	7.8	Q/GGSC 450323401-2021

Wide-stand Square

**FEATURES:**

- Made of integrally hardened stainless steel
- Used to measure the perpendicularity of the workpiece
- The working face is a small plane and the base is wide
- Stabilization and demagnetization

Code NO.	L1*L2(mm)	h1 mm	h2 mm	d1 mm	d2 mm	Internationals Standards
413-501	63*40	16	16	2	11	GB T6092-2021
413-502	80*50	18	18	2	12	
413-503	100*63	20	20	2.5	12	
413-504	125*80	22	22	2.5	12	
413-505	160*100	25	25	3	16	
413-506	200*125	28	28	3	16	
413-507	250*160	35	35	3.8	20	
413-508	315*200	35	35	3.8	20	
413-509	400*250	46	46	4.8	25	
413-510	500*315	46	46	4.8	25	
413-511	630*400	50	50	4.8	25	
413-512	800*500	78	78	6.8	28	
413-513	1000*630	78	78	6.8	28	

Double-head Cylindrical Plug Gauge

GB/T

**FEATURES:**

- Precision measuring tool for measuring the inner diameter of workpiece
- The material is common(GCr15), alloy

Code NO.	Range mm	Accuracy mm	Code NO.	Range mm	Accuracy mm
023-1Axxx	1.5~2.9	H7	023-1Axxx	55.1~60	H7
023-1Axxx	3~6		023-1Axxx	60.1~70	
023-1Axxx	6.1~14.9		023-1Axxx	70.1~75	
023-1Axxx	15~18		023-1Axxx	75.1~80	
023-1Axxx	18.1~24		023-1Axxx	80.1~85	
023-1Axxx	24.1~30		023-1Axxx	85.1~90	
023-1Axxx	30.1~38		023-1Axxx	90.1~95	
023-1Axxx	38.1~44		023-1Axxx	95.1~100	
023-1Axxx	44.1~50		023-1Axxx	50.1~55	
023-1Axxx	50.1~55				

J



Smooth Check Ring Gauge

JB/T

**FEATURES:**

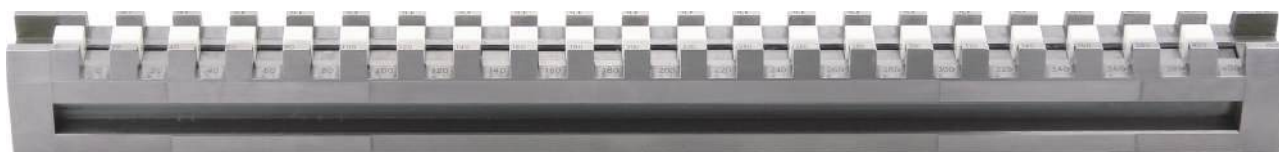
- Precision measuring tool for calibrating and inspecting the inner diameter dial gauge
- Material: ordinary chrome plating, alloy
- Hardness: HRC58-62°

Code NO.	Range mm	Accuracy mm
023-3Axxx	6~9	±0.002
023-3Axxx	10~13	±0.002
023-3Axxx	14~17	±0.002
023-3Axxx	18~23	±0.002
023-3Axxx	24~29	±0.002
023-3Axxx	30~39	±0.002
023-3Axxx	40~49	±0.002
023-3Axxx	50~64	±0.002
023-3Axxx	65~79	±0.002
023-3Axxx	80~99	±0.002
023-3Axxx	100~109	±0.002
023-3Axxx	110~119	±0.002
023-3Axxx	120~129	±0.002
023-3Axxx	130~139	±0.002
023-3Axxx	140~149	±0.002
023-3Axxx	150~159	±0.002
023-3Axxx	160~169	±0.002
023-3Axxx	170~179	±0.002
023-3Axxx	180~189	±0.002
023-3Axxx	190~199	±0.002
023-3Axxx	200~229	±0.002

Code NO.	Range mm	Accuracy mm
023-3AxxxH	6~9	±0.002
023-3AxxxH	10~13	±0.002
023-3AxxxH	14~17	±0.002
023-3AxxxH	18~23	±0.002
023-3AxxxH	24~29	±0.002
023-3AxxxH	30~39	±0.002
023-3AxxxH	40~49	±0.002
023-3AxxxH	50~64	±0.002
023-3AxxxH	65~79	±0.002
023-3AxxxH	80~99	±0.002
023-3AxxxH	100~109	±0.002
023-3AxxxH	110~119	±0.002
023-3AxxxH	120~129	±0.002
023-3AxxxH	130~139	±0.002
023-3AxxxH	140~149	±0.002
023-3AxxxH	150~159	±0.002
023-3AxxxH	160~169	±0.002
023-3AxxxH	170~179	±0.002
023-3AxxxH	180~189	±0.002
023-3AxxxH	190~199	±0.002
023-3AxxxH	200~229	±0.002

Check Master

JB/T



Ceramic

FEATURES

- Laser interferometer calibration
- CMMs, CNC Machine and Image Measuring Instrument accuracy checking
- Horizontally and vertically blocks checking once the range within 1500mm
- With ceramic blocks, measuring surfaces no need antiseptic treatment
- In accordance with JB/T10977-2010

Used for testing and calibrating Vernier, Dial and Digital Caliper. Consists of a group of high precision gauges permanently fixed in the protection of casting. Can be used for height measurement. Steel, carbide alloy, ceramic materials for optional. The quality and size does not change with time.

Code NO.	Range mm	Grade	Permissible Error μm	Parallelism μm
022A-A300	300	0	± 1.0	0.6
022A-A400	400	0	± 1.3	0.7
022A-A500	500	0	± 1.8	0.8
022A-A600	600	0	± 2.2	1.0
022A-A700	700	0	± 2.5	1.4
022A-A800	800	0	± 2.8	1.4
022A-A1000	1000	0	± 3.5	1.8
022A-A1500	1500	0	± 6.5	2.5
022A-B300	300	1	± 1.8	1.3
022A-B400	400	1	± 2.0	1.4
022A-B500	500	1	± 2.5	1.5
022A-B600	600	1	± 2.8	1.6
022A-B700	700	1	± 3.5	2.0
022A-B800	800	1	± 4.0	2.0
022A-B1000	1000	1	± 5.0	2.5
022A-B1500	1500	1	± 8.0	3.2

Code NO.	Range mm	Permissible Error μm	Parallelism μm
025A-C300	300	± 4.0	1
025A-C600	600	± 5.0	2
025A-C1000	1000	± 8.0	2.5



MISCELLANEOUS

Gauge Block

GB/T



If you want Carbide Type, Please add C to the item NO.

Steel Gauge Block Group

Range	Code No.			Note
	Level 0	Level 1	Level 2	
1.005-60/32 blocks	014A-A032	014A-B032	014A-C032	
1-100/38 blocks	014A-A038	014A-B038	014A-C038	
1-100/46 blocks	014A-A046	014A-B046	014A-C046	
1.005-100/47 blocks	014A-A047	014A-B047	014A-C047	
0.5-100/56 blocks	014A-A056	014A-B056	014A-C056	
0.5-100/76 blocks	014A-A076	014A-B076	014A-C076	
0.5-100/83 blocks	014A-A083	014A-B083	014A-C083	
1.001-100/87 blocks	014A-A087	014A-B087	014A-C087	
1.0005-100/88 blocks	014A-A088	014A-B088	014A-C088	
1.001-100/91 blocks	014A-A091	014A-B091	014A-C091	

Range	Code No.			Note
	Level 0	Level 1	Level 2	
1.005-100/103 blocks	014A-A103	014A-B103	014A-C103	
1.0005-100/112 blocks	014A-A112	014A-B112	014A-C112	
1.0005-100/122 blocks	014A-A122	014A-B122	014A-C122	
600/700/800/900/1000	014A-A005	014A-B005	014A-C005	set of 5 big blocks
125/150/175/200/250/300/400/500	014A-A008	014A-B008	014A-C008	set of 8 big blocks
25/50/75/100/125/150/175/200	014A-A008-1	014A-B008-1	014A-C008-1	set of 8 small blocks
50/50/100/200/300/400/500/600/700/800/900/1000	014A-A012	014A-B012	014A-C012	set of 12 big blocks
.050-4in/36	014A-A036	014A-B036	014A-C036	imperial gauge blocks
.050-4in/81	014A-A081	014A-B081	014A-C081	

Gauge Block Group for Calipers under new standards

Range	Code No.			Note
	Level 0	Level 1	Level 2	
10/20/20/41.2/51.2/81.5/101.2/121.5/121.8/191.8/201.5/291.8	014K-A300T	014K-B300T	014K-C300T	0-300 set of 12 pieces
10/20/20/41.2/81.5/121.8	014K-A150	014K-B150	014K-C150	6 pieces
10/20/20/51.2/121.5/191.8	014K-A200	014K-B200	014K-C200	6 pieces
10/20/20/101.2/201.5/291.8	014K-A300	014K-B300	014K-C300	6 pieces
80/161.2/240/321.5/400/491.8	014K-A500	014K-B500	014K-C500	6 pieces

Steel Gauge Block

Range	Spacing	Code No.			Note
		Level 0	Level 1	Level 2	
0.5		011A-A0D5	011A-B0D5	011A-C0D5	
0.991-1	0.001	011A-A*	011A-B*	011A-C*	10 pieces
1-1.009	0.001	011A-A*	011A-B*	011A-C*	10 pieces
1-9.5	0.01	011A-A*	011A-B*	011A-C*	
10-25		011A-A*	011A-B*	011A-C*	
30-50		011A-A*	011A-B*	011A-C*	
60-75		011A-A*	011A-B*	011A-C*	
80		011A-A80	011A-B80	011A-C80	
90		011A-A90	011A-B90	011A-C90	
100		011A-A100	011A-B100	011A-C100	
125		011A-A125	011A-B125	011A-C125	
150		011A-A150	011A-B150	011A-C150	
175		011A-A175	011A-B175	011A-C175	
200		011A-A200	011A-B200	011A-C200	
250		011A-A250	011A-B250	011A-C250	
300		011A-A300	011A-B300	011A-C300	
400		011A-A400	011A-B400	011A-C400	
500		011A-A500	011A-B500	011A-C500	
600		011A-A600	011A-B600	011A-C600	
700		011A-A700	011A-B700	011A-C700	
800		011A-A800	011A-B800	011A-C800	
900		011A-A900	011A-B900	011A-C900	
1000		011A-A1000	011A-B1000	011A-C1000	

Gauge Block Set for Micrometers

Range	Code No.			Note
	Level 0	Level 1	Level 2	
5.12/10.24/15.36/21.5/25/30.12/35.2/40.36/46.5/50/55.12/60.24/65.36/71.5/75/80.12/85.24/90.36/96.5/100	014B-A100T	014B-B100T	014B-C100T	(0-100) 20 blocks in set
5.12/10.24/15.36/21.5/25	014B-A025	014B-B025	014B-C025	(0-25) 5 blocks set
30.12/35.24/40.36/46.5/50	014B-A050	014B-B050	014B-C050	(25-50) 5 blocks set
55.12/60.24/65.36/71.5/70	014B-A075	014B-B075	014B-C075	(50-75) 5 blocks set
80.12/85.24/90.36/96.5/100	014B-A100	014B-B100	014B-C100	(75-100) 5 blocks set

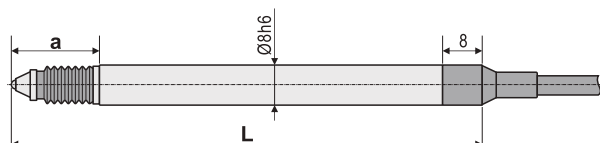
Mark: Customizable Gauge Block Group for Non-standard Calipers

Inductance Transducer



FEATURES:

- Used for checking the measurement error of the size, shape and position of the workpiece
- Fully compatible with TESA standards and displays



Code NO.	Measuring Range mm	Total Bolt mm	Front Bolt mm	Measuring Force N	Linearity Error mm	Repeatability Error μ m	L mm	a mm
874-102	± 0.5	2	0.6-0.7	0.45-0.65	$\pm 0.3\%$	0.03	97	17
874-104	± 1.0	3	1.1-1.3	0.55-0.75	$\pm 0.3\%$	0.15	97	17
874-105	± 2.0	6	2.1-2.3	0.4-0.7	$\pm 0.6\%$	0.2	101	20

Measuring Stand

JB/T



FEATURES:

- Granite measuring table
- Fine adjustment in measuring arm
- Clamping bore's dia. $\varnothing 8$ mm

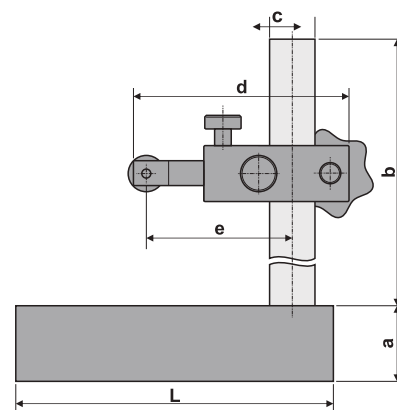
Code NO.	Measuring Range mm	Measuring Set mm	Flatness μ m	L mm	a mm	b mm	c mm	d mm	e mm
723-530	0-130	150X100	2.0	150	40	180	$\varnothing 22$	121	75
723-530A	0-200	200X150	2.5	200	50	250	$\varnothing 30$	130	95
723-530B	0-250	300X200	3.0	300	50	300	$\varnothing 35$	152.5	115
723-530C	0-130	80X80 (ceramic)	1.5	146	29	180	$\varnothing 22$	121	64
723-530D	0-130	80X80 (quenched steel)	1.5	149	29	180	$\varnothing 22$	121	64



723-530C



723-530D



J



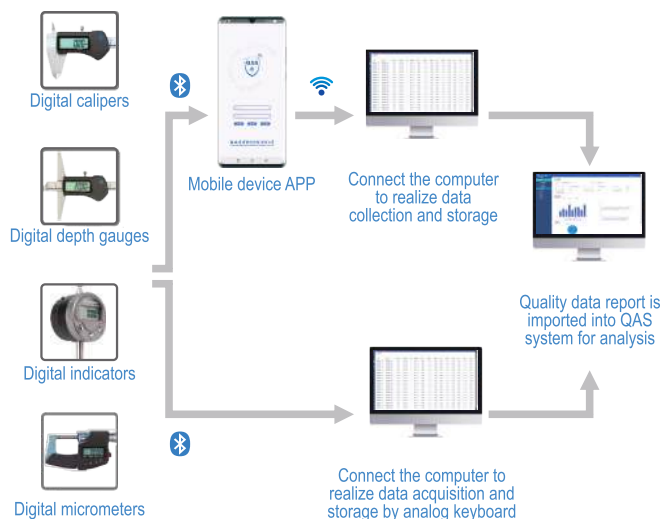
DATA MANAGEMENT SOLUTIONS



SINCERITY & TECHNOLOGY

Bluetooth Wireless Data Management System

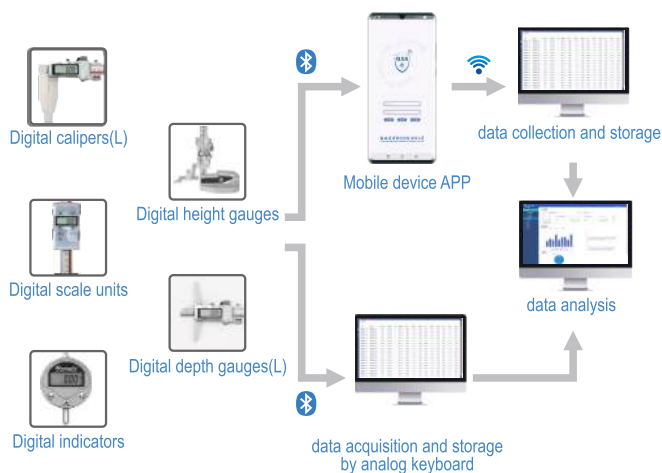
Built-in wireless data connection diagram



FEATURES:

- Built-in Bluetooth, measurement data can be transmitted to mobile phones, tablets and computers
- Transmission distance $\leq 10\text{m}$ (open land); $\leq 7\text{m}$ (industrial environment)
- Provide AAR file intermediate development package, supporting secondary development
- At most 15 calipers can be connected at the same time(the specific number depends on the performance of the client)
- Two working modes: simple connection software mode and HID paired keyboard mode

Schematic diagram of external wireless data connection



FEATURES:

- External Bluetooth kit, a low-cost IoT artifact
- Measuring products suitable for all MiniUSB interfaces of Guanglu Company
- Transmission distance $\leq 15\text{m}$ (open land); $\leq 10\text{m}$ (industrial environment)
- At most 15 calipers can be connected at the same time(the specific number depends on the performance of the client)
- The computer adapter needs to be installed with a driver for Windows system devices without Bluetooth function



711-502



711-501



711-500

Specifications

Code NO.	Data output	Applicable Objects	Power	Size
711-500	Bluetooth® 5.1	Computer Win7 or above, Linux and other systems	Computer USB power supply	56x22x11mm (antenna length 150mm)
711-501	Bluetooth® 5.0	Large range measuring tools with USB port	CR2450	52x54x41mm
711-502	Bluetooth® 5.0	Measuring tools with USB port	CR2032	53x38x12mm



USB Acquisition System (keyboard Simulation Mode)



711-2018-1E



B

D

E

G

Working picture



BRIEF INTRODUCTION

The product is a data acquisition system in keyboard simulation mode for electronic digital measuring instruments, featuring mainly in plug and play, multiple data identification format. The measuring data is gathered in spreadsheets such as EXCEL and can be showed in both .000 or .00. With USB interface connecting to PC, this product matches our electronic digital calipers, digital height gages, digital micrometers and digital indicators etc.

FEATURES:

- This product is used to collect data from measuring tools and transmit data to spreadsheets(such as Excel sheet) on computer with USB interface by keyboard simulation
- Do not need to install USB driver or data acquisition software on your computer
- Powered via a PC

USB Acquisition System (RS232 Type)



711-203B-E



B

D

E

G

Working picture



BRIEF INTRODUCTION

The product is an unified data sampling system for electronic digital measuring instruments, featuring mainly in multiple data identification format, also with convenient and practical functions like measuring direction switch, remote sampling and remote sensor zero-clearing etc. The product connects to PC with USB interface for users conveniently to read measured data directly from PC screen, to sample data or to clear zero of sensor by click Mouse. Users may sample data and zero-clearing by pressing down the button of the adapter. The product applies to all electronic digital calipers, digital height gages, digital micrometers and digital indicators etc. made in our company.

FEATURES:

- This product is used to collect data from measuring tools and transmit data to computer with USB interface by serial port simulation.
- Need to install USB driver and data acquisition software on your computer.
- By setting a Interval time on the data acquisition software, it can collect data automaticl and continuously.

WIN-1 Special Interface



711-201A

This product transmit measuring data to PC by cable

FEATURES:

- Can gather and analyze measuring data
- With foot switch pedal
- With software for RS232 port, excel, software for both RS232&USB port



722-101A

Foot switch is optional

Specifications

Code NO.	711-201A
Data input port	The port of capacitive grating measuring instrument
Data output port	COM port/RS232C port
Power	Via a PC
Size	80mm×50mm×32mm
Weight	80g

WIN-2 Special Interface



E



B



C



D



E



G



722-101A

Foot switch is optional

Specifications

Code NO.	711-202E	711-202D
Data input port	The port of capacitive grating measuring instrument	
Data output port	COM port/RS232C port	
Power	Via a PC	
Size	62mm×33mm×17mm	
Weight	30g	

FEATURES

It's smaller than other data acquisition systems, most of functions are the same with WIN-1 type, only without foot switch pedal. With software for RS232 port, software for both RS232&USB.



WIN-6 Special Interface

**FEATURES:**

- Transmit measuring data from many digital measuring tools to PC simultaneously
- Fit various interface
- With power supply voltage

Working picture

**Specifications**

Code NO.	711-206
Data input port	Measuring instruments
Data output port	RS485/USB/RS232C port
Power	Voltage 220V
Size	195mm×110mm×50mm
Weight	1050g

811-001 LCD Display Unit

**FEATURES:**

- Connect with digital measuring tools for reading measuring data on the display
- Zero setting at any position
- Mm/inch conversion at any position

Working picture

**Specifications**

Code NO.	811-001
Measuring Range	999.99 - 999.99mm inch - 39.000 - 39.000"
Power	3V (7# Battery LR03 X 2)
Signal Cable	1.5M-4.0M
Size	105mm×65mm×35mm
Weight	100g

811-001T LCD Display Unit

**Specifications**

Code NO.	811-001T
Measuring Range	999.99 - 999.99mm inch - 39.000 - 39.000"
Power	3V (2 batteries #7) 5V (110-220V AC adapter, optional)
Signal Cable	1.5M-4.0M
Size	105mm×65mm×35mm
Weight	100g

FEATURES:

- Connect with digital measuring tools for reading measuring data on the display
- With TOL function, once the value is beyond TOL value, alarm bell and light work
- Automatically tracing MAX and MIN measuring value
- LCD screen is with back light

811-001C LCD Display Unit

**Specifications**

Code NO.	811-001C
Size	100mm×62mm×19mm
Power	1.5V

BRIEF INTRODUCTION

The unit can connect capacitive digital measuring instruments as Digital Caliper, Digital Indicator, Digital Micrometer and Digital Scale ext. It features Zero-setting at any position, MAX / MIN value tracing, jumping value & absolute value measuring, and Tolerance setting, so as to adapt to varies measuring need. Magnetic back absorbent is beneficial and convenient for users to read the result.

811-201 LCD Display Unit

**Working picture****FEATURES:**

- Can display X, Y axis data simultaneously
- X-axis data is twice as much as actual measurement data
- Mm/inch conversion on both X, Y screen simultaneously
- Zero setting on both X, Y screen simultaneously

Specifications

Code NO.	811-201
Power	110-220V AC power source
Signal Cable	1.5M-4.0M
Size	165mm×80mm×45mm
Weight	500g



811-301 LCD Display Unit



Features

Can display X,Y,Z axis data simultaneously.

Specifications

Code NO.	811-301
Power	110-220V AC power source
Signal Cable	1.5M-4.0M
Size	165mm×115mm×45mm
Weight	500g

Optical Grating Display Unit



FEATURES:

- Zero setting at any position
- The value of any axis can be divided by 2
- Absolute and relative measuring conversion
- Mm/inch conversion

Specifications

Code NO.	821-002
Power	220V AC
Size	225mm×110mm×75mm
Nixie tube	0.5 inch



INSPECTION SYSTEM SOLUTIONS



SINCERITY & TECHNOLOGY

Laser Scanning Micrometer



FEATURES:

- Fast workpiece measurement, high efficiency and measurement accuracy, good repeatability. Manual measurement of the workpiece outer diameter can be performed once every 1 second.
- Can provide a complete set of automatic measurement solutions. Integrated automatic loading and unloading and automatic classification of parts. At the same time, part measurement data reports can be output
- Using laser scanning technology. Large measuring range.
- SMD circuit, small size. Light weight. Strong anti-interference.
- RS485 communication interface or MODBUS protocol, can communicate with our company's display controller PLC or computer.
- Using high-precision F (θ) mirror, the swing of the measured object does not affect normal measurement.
- It is not affected by external stray light and smoke.
- The instrument is equipped with an alarm output interface. Can be connected to an external alarm.
- With control signal output (requires FD-1 series display controller).

Specifications

Code NO.	861-GSG-40
Measuring range	0.10 – 30.0mm
Display resolution	0.001mm
Accuracy	±0.002mm
Scan speed	1200times/s
Working principle	Non-contact laser scanning
Dimensions	351mmx110mmx49mm
Weight	3.6 KG
Communication Interface	RS485, MODBUS

Application



Tools runout



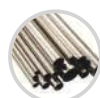
Shaft or rubber roller runout



Work pieces



Medical tubes



Pipes



Electrical cables and fibres

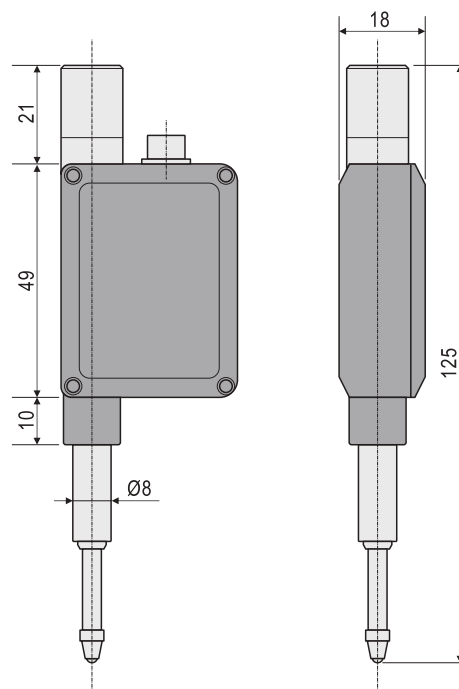


Cutters

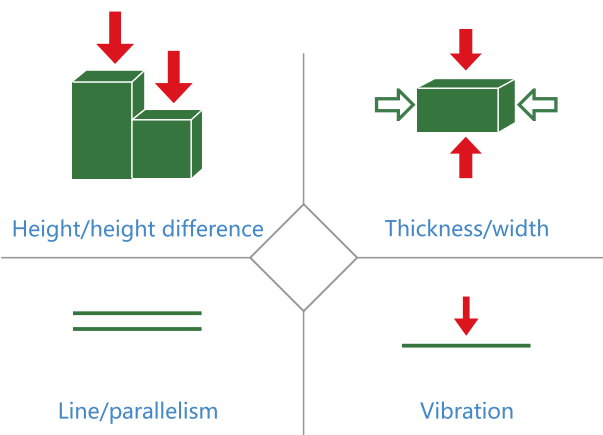


Enamel insulated wires

Linear Micrometer(Cylinder Type)

**FEATURES:**

- Small measurement error, high precision
- Online automatic measurement
- Aluminum alloy, small size

Application**Specifications**

Code NO.	816-102
Measuring range	0-10mm
Display resolution	0.001mm
Repeated positioning accuracy	0.001mm
Measuring accuracy(20°C)	0.005mm
Measuring force	≤1.5N
Output	RS485/RS232/MODBUS
Weight	Around 80g
Measuring head	Customized
Clamping chuck	Ø8mm
Bearing type	Dense ball bearing
Dust/Water protection level	IP65
Length of output cable	The standard configuration 3m
Operating temperature (humidity) range	0°C-40°C (RH<80%) Solidification without cooling
Storage temperature (humidity) range	-10°C-40°C (RH<81%) Solidification without cooling



3D Inspection System On Machine

BRIEF INTRODUCTION

The system can be used in various types of CNC machining equipment. It is suitable to work in Machinery Tool Automation, Coordinate Measurement, Comparison Measurement, Position Feedback, Mold CAD/ CAM, Large-size Surveying and Mapping, Military impeller blade processing and so on.

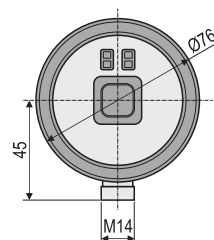
It can realize Automatic tool setting, Work piece alignment, In-process measurement and Work piece measurement of CNC milling machines. The operation efficiency of the milling machine would be highly improved by finding the working location quickly and accurately.

On-machine measurement system solution can save 90% of auxiliary time and improve the control of NC machining.

It can be used for aerospace, precision manufacturing, electronic equipment, medical and healthy industry, auto and energy industry etc.

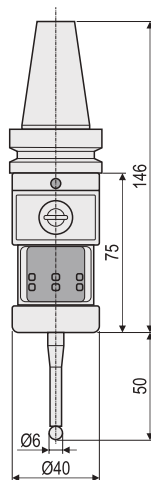
Specifications

Code NO.	904-402A Receiver
Communication method	Triggered optical adjustment signal
Probe start method	Power on
Optical modulation signal(transmit)	Trigger, contact, low battery voltage
Optical modulation signal(receive)	Two signals to activate the probe
Adjustment function of handle	By adjusting the connection between the probe body and the handle, the center of the ball on the stylus and the centerline of the probe's taper shank can be coincident (deviation $\leq 2\mu\text{m}$)
Indicator status	Normal communication, trigger, low battery voltage
Protection level	IP68



Specifications

Code NO.	904-402 Measuring head
Open mode	On and off automatically
Protection	With spindle protection
Inspection function	With battery voltage alarm function
Measuring head protection range	XY $\pm 12.5^\circ$, Z+5.0mm
Triggering force	XY=0.9N, Z=6.0N
One-way trigger repeatability	$\leq 1\mu\text{m}$
Optical signal transmission range	1.5m/3m
Battery life	200天 Days
Protection level	IP68



FEATURES:

- Small size, large application
- Strong anti-interference capability, large quantity can be installed in a small area
- Ultra-power-saving design, two batteries (LS14250) can measure more than 1.8 million times
- Modular measuring head design, low maintenance cost
- Stable and durable design
- System can be controlled by PLC

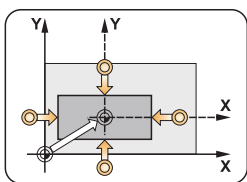
To be continued

3D Inspection System On Machine

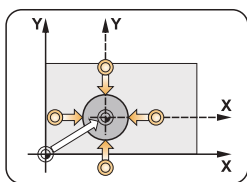
Application Examples



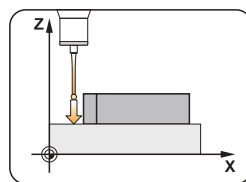
Application Scenes



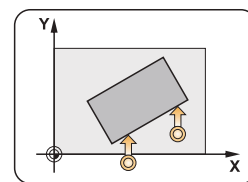
Center of rectangle boss



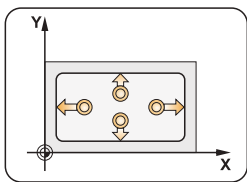
Center of circular boss



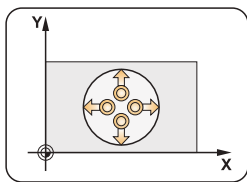
Point on arbitrary axis



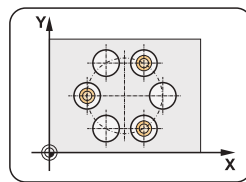
Lines angle



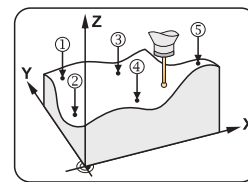
Rectangular cavity



Circular cavity



Center of bolt hole



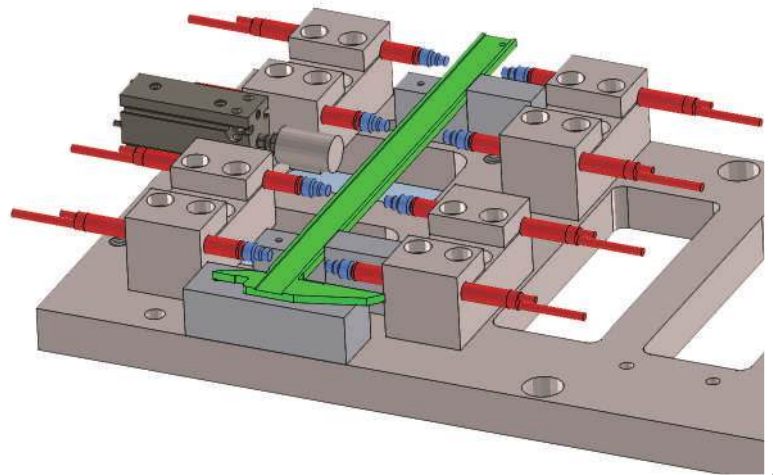
Freeform surface

Automatically Testing System



← Testing station automatically testing methods for sets of equipment

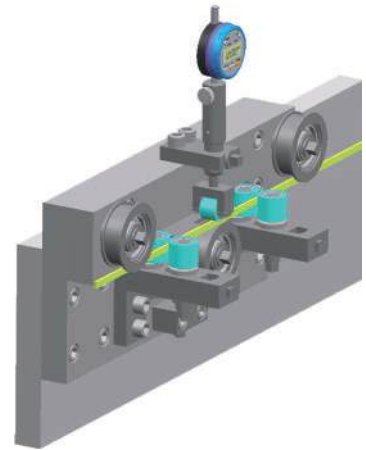
Picture of station for measuring →

**FEATURES:**

- Realize the automatic test of the function for loading and unloading the workpiece
- Realize automatic inspection of geometric tolerance and dimensional tolerance of batch parts
- Can read, judge, store and transmit the testing data
- Testing is sorted by quality level
- Suitable for intelligent unmanned factory featuring with reliable performance, no manual duty, cheaper labor cost

Online Testing System

Wireless transmission



Continuous on-line inspection and monitoring of section size of pultrusion line



On-line inspection the workpiece geometric dimension when grinding

FEATURES:

- Realize automatic inspection of geometric tolerance and dimensional tolerance of batch parts
- Can read, judge, store and transmit the testing data, give accuracy feedback
- Realize the real-time compensation function of CNC machining system
- Suitable for testing and monitoring in automatically production line and unmanned factory, with reliable performance, reaction in time, forming a closed loop control to automatic production, it is necessary of Industrial Production 4.0



OCEAN TRADE

**THE CENTER OF CUTTING
TOOLS AND RIGGING**

Центр металоріжучого інструменту

верстатного оснащення та твердосплавного інструменту

+380958930404



+380688930404

<https://ocean.biz.ua>

office@ocean.biz.ua