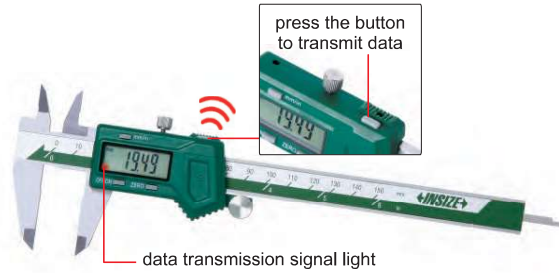
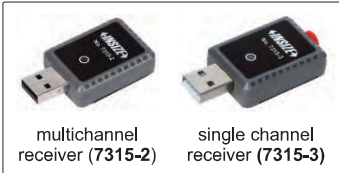


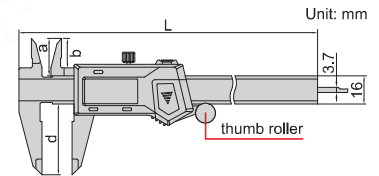
WIRELESS DIGITAL CALIPERS



receiver (optional)

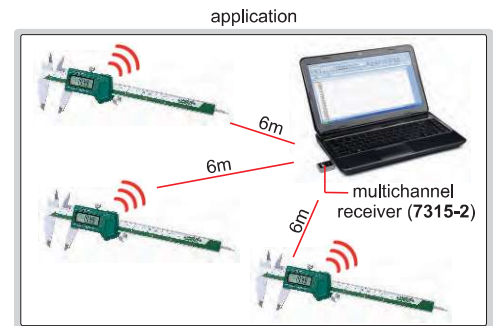


1113-150



- Built-in wireless data transmission module, Zigbee signal
- Transmission distance is 6 meter
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, data transmission
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: receiver (code 7315-2, 7315-3)

Code	Range	Accuracy	Thumb roller	L	a	b	d
1113-150 *	0-150mm/0-6"	±0.03mm	with	236	21	16	40
1113-200 *	0-200mm/0-8"	±0.03mm	with	286	24	19	50
1113-300 *	0-300mm/0-12"	±0.03mm	with	400	25	20.5	60
1113-150W *	0-150mm/0-6"	±0.03mm	without	236	21	16	40
1113-200W *	0-200mm/0-8"	±0.03mm	without	286	24	19	50
1113-300W *	0-300mm/0-12"	±0.03mm	without	400	25	20.5	60



*Supplied with manufacturer inspection certificate traceable to DKD Germany

ATTENTION: IT IS NECESSARY TO SET ZERO AFTER POWER ON EACH TIME

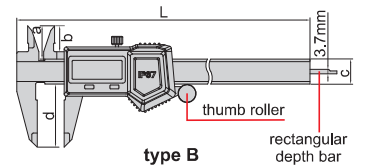
ATTENTION: NO DATA OUTPUT

IP67
WATERPROOF

IP67 WATERPROOF DIGITAL CALIPERS



1118-150B

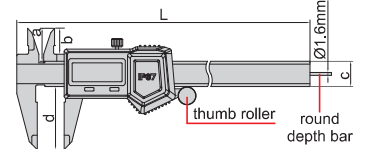


type B rectangular depth bar

- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Button function: zero, on/off, mm/inch, ABS/REL, hold
- Battery CR2032
- Meet DIN862
- Made of stainless steel



1118-150R



type R round depth bar

Code	Range	Accuracy	Thumb roller	Type	L	a	b	c	d
1118-150B *	0-150mm/0-6"	±0.03mm	with	B	236mm	21mm	16mm	16mm	40mm
1118-200B *	0-200mm/0-8"	±0.03mm	with	B	286mm	24mm	19mm	16mm	50mm
1118-300B *	0-300mm/0-12"	±0.03mm	with	B	400mm	25mm	20.5mm	16mm	60mm
1118-150BW *	0-150mm/0-6"	±0.03mm	without	B	236mm	21mm	16mm	16mm	40mm
1118-200BW *	0-200mm/0-8"	±0.03mm	without	B	286mm	24mm	19mm	16mm	50mm
1118-300BW *	0-300mm/0-12"	±0.03mm	without	B	400mm	25mm	20.5mm	16mm	60mm
1118-150R *	0-150mm/0-6"	±0.03mm	with	R	236mm	21mm	16mm	16mm	40mm

*Supplied with manufacturer inspection certificate traceable to DKD Germany

IP67 WATERPROOF DIGITAL CALIPERS

ATTENTION:
NO DATA OUTPUT

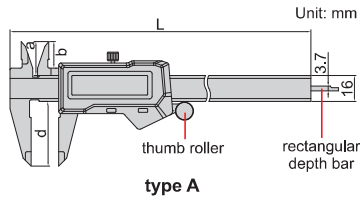
IP67
WATERPROOF

INSPECTION
CERTIFICATE
TRACEABLE TO DKD

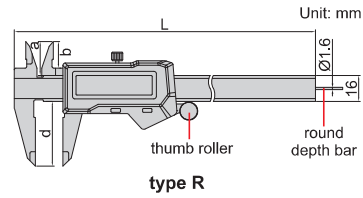
2



1126-150



1126-150R



- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Large display
- Button function: zero, on/off, mm/inch
- Battery CR2032
- Automatic power off
- Meet DIN862
- Made of stainless steel

Code	Range	Accuracy	Thumb roller	Type	L	a	b	d
1126-150 *	0-150mm/0-6"	±0.03mm	with	A	234	20	15	40
1126-200 *	0-200mm/0-8"	±0.03mm	with	A	286	24	19	50
1126-300 *	0-300mm/0-12"	±0.03mm	with	A	390	26	21.5	60
1126-150W *	0-150mm/0-6"	±0.03mm	without	A	234	20	15	40
1126-200W *	0-200mm/0-8"	±0.03mm	without	A	286	24	19	50
1126-300W *	0-300mm/0-12"	±0.03mm	without	A	390	26	21.5	60
1126-150R *	0-150mm/0-6"	±0.03mm	with	R	234	20	15	40

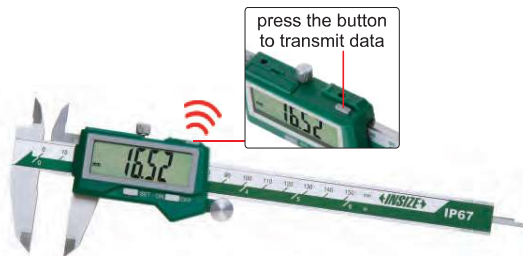
* Supplied with manufacturer inspection certificate traceable to DKD Germany

BUILT-IN BLUETOOTH IP67 WATERPROOF DIGITAL CALIPERS

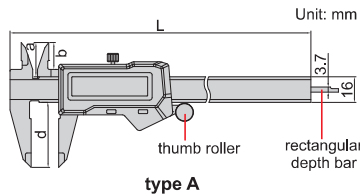
INSPECTION
CERTIFICATE
TRACEABLE TO DKD

BLUETOOTH

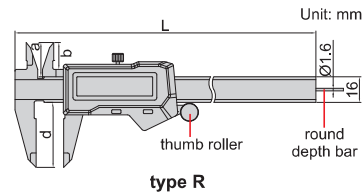
IP67
WATERPROOF



1127-150



1127-150R



- Built-in bluetooth 4.0 wireless transmission module, connect with computers (with bluetooth receiver), mobile phones, tablets, etc., and output keyboard signals. Transmission distance is 10 meters
- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Large display
- Button function: zero, on/off, mm/inch, data transmission
- Battery CR2032, automatic power off
- Meet DIN862
- Made of stainless steel

Code	Range	Accuracy	Thumb roller	Type	L	a	b	d
1127-150 *	0-150mm/0-6"	±0.03mm	with	A	234	20	15	40
1127-200 *	0-200mm/0-8"	±0.03mm	with	A	286	24	19	50
1127-300 *	0-300mm/0-12"	±0.03mm	with	A	390	26	21.5	60
1127-150W *	0-150mm/0-6"	±0.03mm	without	A	234	20	15	40
1127-200W *	0-200mm/0-8"	±0.03mm	without	A	286	24	19	50
1127-300W *	0-300mm/0-12"	±0.03mm	without	A	390	26	21.5	60
1127-150R *	0-150mm/0-6"	±0.03mm	with	R	234	20	15	40

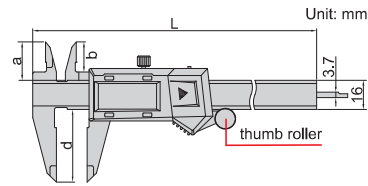
* Supplied with manufacturer inspection certificate traceable to DKD Germany

IP54 WATERPROOF DIGITAL CALIPERS



1104-150

- IP54 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, ABS/REL
- Automatic power off
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: wireless transmitter, code **7315-1104**, data output cable (keyboard format), code **7302-1104**



Code	Range	Accuracy	Thumb roller	L	a	b	d
1104-150 *	0-150mm/0-6"	±0.03mm	with	234mm	20mm	15mm	40mm
1104-200 *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	50mm
1104-300 *	0-300mm/0-12"	±0.03mm	with	390mm	26mm	21.5mm	60mm
1104-150W *	0-150mm/0-6"	±0.03mm	without	234mm	20mm	15mm	40mm
1104-200W *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	50mm
1104-300W *	0-300mm/0-12"	±0.03mm	without	390mm	26mm	21.5mm	60mm

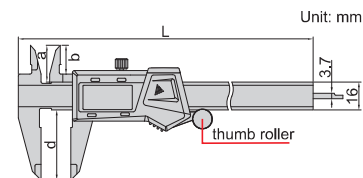
*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS (ABSOLUTE SYSTEM)



1103-150

- Absolute system, low power consumption, long battery life
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, mm/inch, ORIGIN, ZERO/ABS
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: wireless transmitter, code **7315-1103**, data output cable (keyboard format), code **7302-1103**



Code	Range	Accuracy	Thumb roller	L	a	b	d
1103-150 *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16.5mm	40mm
1103-200 *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19.5mm	50mm
1103-300 *	0-300mm/0-12"	±0.03mm	with	400mm	26mm	21.5mm	60mm
1103-150W *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16.5mm	40mm
1103-200W *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19.5mm	50mm
1103-300W *	0-300mm/0-12"	±0.03mm	without	400mm	26mm	21.5mm	60mm

*Supplied with manufacturer inspection certificate

DIGITAL CALIPERS (FRACTION READING)

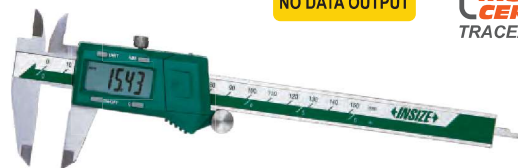
ATTENTION:
NO DATA OUTPUT

**INSPECTION
CERTIFICATE**
TRACEABLE TO DKD

- Resolution: 0.01mm, 0.0005", 1/128"
- Buttons: unit (mm/in/fraction), ABS, on/off, zero
- Absolute and incremental measurement
- Battery CR2032, automatic power off
- Meet DIN862
- Made of stainless steel

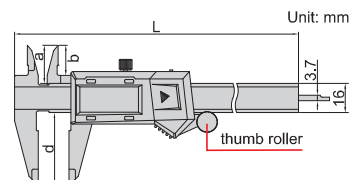


fraction reading



1102-150

Code	Range	Accuracy	Thumb roller	L	a	b	d
1102-150 *	0-150mm/0-6"	±0.03mm	with	234mm	20mm	15mm	40mm
1102-200 *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	50mm
1102-300 *	0-300mm/0-12"	±0.03mm	with	390mm	26mm	21.5mm	60mm
1102-150W *	0-150mm/0-6"	±0.03mm	without	234mm	20mm	15mm	40mm
1102-200W *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	50mm
1102-300W *	0-300mm/0-12"	±0.03mm	without	390mm	26mm	21.5mm	60mm



*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS

ATTENTION:
NO DATA OUTPUT

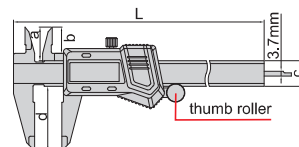
**INSPECTION
CERTIFICATE**
TRACEABLE TO DKD

- Zinc alloy housing for digital unit
- Resolution: 0.01mm/0.0005"
- Buttons: zero, on/off, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Meet DIN862
- Made of stainless steel



1114-150A

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1114-150A *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm
1114-200A *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm
1114-300A *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	17mm	60mm
1114-150AW *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm
1114-200AW *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm
1114-300AW *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	17mm	60mm



*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS (STANDARD TYPE)

DATA
OUTPUT

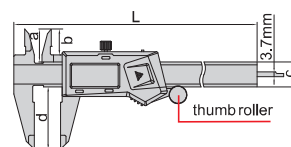
**INSPECTION
CERTIFICATE**
TRACEABLE TO DKD

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



1108-150

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1108-150 *	0-150mm/0-6"	±0.02mm	with	236mm	21mm	16mm	16mm	40mm
1108-200 *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm
1108-250 *	0-250mm/0-10"	±0.03mm	with	350mm	25mm	20.5mm	16mm	60mm
1108-300 *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm
1108-150W *	0-150mm/0-6"	±0.02mm	without	236mm	21mm	16mm	16mm	40mm
1108-200W *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm
1108-250W *	0-250mm/0-10"	±0.03mm	without	350mm	25mm	20.5mm	16mm	60mm
1108-300W *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm



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INSPECTION CERTIFICATE
TRACEABLE TO DKD

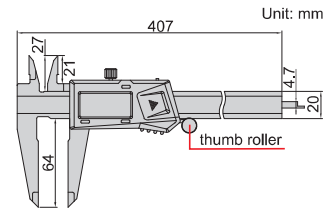
DATA OUTPUT

HEAVY DUTY 300mm DIGITAL CALIPERS

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)



1196-300



Code	Range	Thumb roller	Accuracy
1196-300 *	0-300mm/0-12"	with	±0.03mm
1196-300W *	0-300mm/0-12"	without	±0.03mm

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INSPECTION CERTIFICATE
TRACEABLE TO DKD

LOCK READING WITH "HOLD" BUTTON

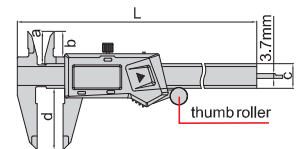
DATA OUTPUT

METRIC DIGITAL CALIPERS

- Resolution: 0,01mm
- Buttons: on/off, zero, hold
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



1109-150



Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1109-150 *	0-150mm	±0.03mm	with	236mm	21mm	16mm	16mm	40mm
1109-200 *	0-200mm	±0.03mm	with	286mm	24mm	19mm	16mm	50mm
1109-300 *	0-300mm	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm
1109-150W *	0-150mm	±0.03mm	without	236mm	21mm	16mm	16mm	40mm
1109-200W *	0-200mm	±0.03mm	without	286mm	24mm	19mm	16mm	50mm
1109-300W *	0-300mm	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm

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INSPECTION CERTIFICATE
TRACEABLE TO DKD

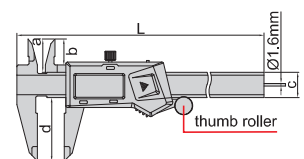
DATA OUTPUT

DIGITAL CALIPERS WITH ROUND DEPTH BAR

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Meet DIN862
- Made of stainless steel



1119-150



With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1119-150 *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm
1119-150W *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm

Built-in wireless

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1119-150WL *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm
1119-150WWL *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm

*Supplied with manufacturer inspection certificate traceable to DKD Germany

LEFT HAND DIGITAL CALIPERS

DATA
OUTPUT

**INSPECTION
CERTIFICATE**
TRACEABLE TO DKD

2

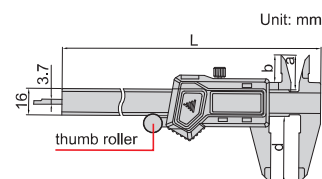
- Designed for left handed users
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Meet DIN862
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)



1130-150

Code	Range	Accuracy	Thumb roller	L	a	b	d
1130-150*	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	40mm
1130-200*	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	50mm
1130-300*	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	60mm
1130-150W*	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	40mm
1130-200W*	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	50mm
1130-300W*	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	60mm

*Supplied with manufacturer inspection certificate traceable to DKD Germany



DIGITAL CALIPERS WITH CERAMIC TIPPED JAWS

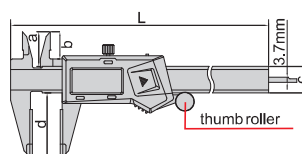
DATA
OUTPUT

**INSPECTION
CERTIFICATE**
TRACEABLE TO DKD

- Ceramic tipped jaws for outside measurement, extremely wear-resistant, non-magnetic and non electric conductive
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, made of stainless steel
- Meet DIN862



1193-150



With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1193-150*	0-150mm/0-6"	±0.03mm	with	235mm	21mm	16.5mm	16mm	40mm
1193-200*	0-200mm/0-8"	±0.03mm	with	287mm	24mm	20mm	16mm	50mm
1193-300*	0-300mm/0-12"	±0.03mm	with	390mm	26mm	21.5mm	16mm	60mm
1193-150W*	0-150mm/0-6"	±0.03mm	without	235mm	21mm	16.5mm	16mm	40mm
1193-200W*	0-200mm/0-8"	±0.03mm	without	297mm	24mm	20mm	16mm	50mm
1193-300W*	0-300mm/0-12"	±0.03mm	without	390mm	26mm	21.5mm	16mm	60mm

Built-in wireless

Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1193-150WL*	0-150mm/0-6"	±0.03mm	with	235mm	21mm	16.5mm	16mm	40mm
1193-200WL*	0-200mm/0-8"	±0.03mm	with	287mm	24mm	20mm	16mm	50mm
1193-300WL*	0-300mm/0-12"	±0.03mm	with	390mm	26mm	21.5mm	16mm	60mm
1193-150WWL*	0-150mm/0-6"	±0.03mm	without	235mm	21mm	16.5mm	16mm	40mm
1193-200WWL*	0-200mm/0-8"	±0.03mm	without	297mm	24mm	20mm	16mm	50mm
1193-300WWL*	0-300mm/0-12"	±0.03mm	without	390mm	26mm	21.5mm	16mm	60mm

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS WITH CARBIDE TIPPED JAWS



1110-150A

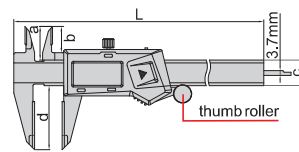


1110-150B



1110-150C

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Meet DIN862
- Made of stainless steel



No dust/waterproof, with data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	Thumb roller	L	a	b	c	d	Remark
1110-150A *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-200A *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm	carbide tipped upper and lower jaws
1110-300A *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm	carbide tipped upper and lower jaws
1110-150AW *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-200AW *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm	carbide tipped upper and lower jaws
1110-300AW *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm	carbide tipped upper and lower jaws
1110-150B *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws
1110-200B *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm	carbide tipped lower jaws
1110-300B *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm	carbide tipped lower jaws
1110-150BW *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws
1110-200BW *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm	carbide tipped lower jaws
1110-300BW *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm	carbide tipped lower jaws

No dust/waterproof, built-in wireless

Code	Range	Accuracy	Thumb roller	L	a	b	c	d	Remark
1110-150AWL *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-200AWL *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm	carbide tipped upper and lower jaws
1110-300AWL *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm	carbide tipped upper and lower jaws
1110-150AWWL *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-200AWWL *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm	carbide tipped upper and lower jaws
1110-300AWWL *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm	carbide tipped upper and lower jaws
1110-150BWL *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws
1110-200BWL *	0-200mm/0-8"	±0.03mm	with	286mm	24mm	19mm	16mm	50mm	carbide tipped lower jaws
1110-300BWL *	0-300mm/0-12"	±0.03mm	with	400mm	25mm	20.5mm	16mm	60mm	carbide tipped lower jaws
1110-150BWWL *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws
1110-200BWWL *	0-200mm/0-8"	±0.03mm	without	286mm	24mm	19mm	16mm	50mm	carbide tipped lower jaws
1110-300BWWL *	0-300mm/0-12"	±0.03mm	without	400mm	25mm	20.5mm	16mm	60mm	carbide tipped lower jaws

IP67 dust/waterproof, without data interface

Code	Range	Accuracy	Thumb roller	L	a	b	c	d	Remark
1110-150C *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-150D *	0-150mm/0-6"	±0.03mm	with	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws
1110-150CW *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped upper and lower jaws
1110-150DW *	0-150mm/0-6"	±0.03mm	without	236mm	21mm	16mm	16mm	40mm	carbide tipped lower jaws

*Supplied with manufacturer inspection certificate traceable to DKD Germany

DIGITAL CALIPERS

DATA OUTPUT

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



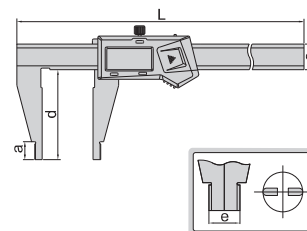
1170-300

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	a	c	d	e	L
1170-200	0-200mm/0-8"	±0.03mm	12mm	17mm	60mm	10mm	314mm
1170-306	0-300mm/0-12"	±0.04mm	12mm	17mm	60mm	10mm	420mm
1170-300	0-300mm/0-12"	±0.06mm	12mm	17mm	90mm	10mm	420mm

Built-in wireless

Code	Range	Accuracy	a	c	d	e	L
1170-200WL	0-200mm/0-8"	±0.03mm	12mm	17mm	60mm	10mm	314mm
1170-306WL	0-300mm/0-12"	±0.04mm	12mm <td 17mm	60mm	10mm	420mm	
1170-300WL	0-300mm/0-12"	±0.06mm	12mm	17mm	90mm	10mm	420mm



DIGITAL CALIPERS

DATA OUTPUT

- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



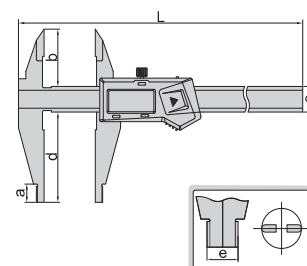
1171-300

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	a	b	c	d	e	L
1171-200	0-200mm/0-8"	±0.03mm	12mm	38mm	17mm	60mm	10mm	320mm
1171-250	0-250mm/0-10"	±0.03mm	12mm	38mm	17mm	60mm	10mm	365mm
1171-306	0-300mm/0-12"	±0.04mm	12mm	38mm	17mm	60mm	10mm	420mm
1171-300	0-300mm/0-12"	±0.06mm	12mm	38mm	17mm	90mm	10mm	420mm

Built-in wireless

Code	Range	Accuracy	a	b	c	d	e	L
1171-200WL	0-200mm/0-8"	±0.03mm	12mm	38mm	17mm	60mm	10mm	320mm
1171-250WL	0-250mm/0-10"	±0.03mm	12mm	38mm	17mm	60mm	10mm	365mm
1171-306WL	0-300mm/0-12"	±0.04mm	12mm	38mm	17mm	60mm	10mm	420mm
1171-300WL	0-300mm/0-12"	±0.06mm	12mm	38mm	17mm	90mm	10mm	420mm



MINI DIGITAL CALIPERS

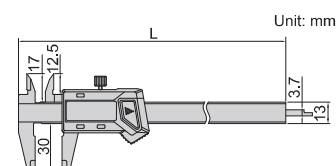
ATTENTION:
NO DATA OUTPUT

- Resolution: 0.01mm/0.0005"
- Buttons: zero, mm/inch, on/off
- Automatic power off, move the digital unit to turn on power
- Battery LR44
- Meet DIN862
- Made of stainless steel



1111-100A

Code	Range	Accuracy	L
1111-75A	0-75mm/0-3"	±0.02mm	144mm
1111-100A	0-100mm/0-4"	±0.02mm	170mm



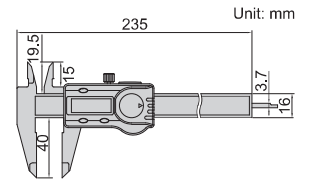
PLASTIC DIGITAL CALIPER

ATTENTION:
NO DATA OUTPUT

- Made of hard plastic, non-magnetic and non electric conductive
- Prevent workpieces from scratching by calipers
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Battery CR2032, automatic power off



1139-150



Code	Range	Accuracy
1139-150	0-150mm/0-6"	±0.1mm

DIAL CALIPERS

- Shockproof dial indicator
- Made of stainless steel



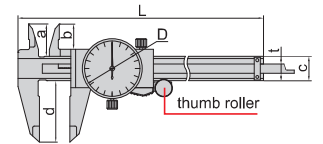
1312-150A

SHOCK PROOF
INSPECTION CERTIFICATE
TRACEABLE TO DKD

Dial indicator graduation: 0.02mm

(mm)

Code	Range	Accuracy	Thumb roller	L	a	b	c	d	D	t
1312-150A *	0-150mm	±0.03mm	with	235	21	16.5	16	40	Ø39	6.5
1312-200A *	0-200mm	±0.03mm	with	288	24	19	16	48	Ø39	6.5
1312-300A *	0-300mm	±0.03mm	with	410	28	22	20	62	Ø44.5	7.5
1312-100AW *	0-100mm	±0.02mm	without	165	18	13	13	30	Ø32	6



Dial indicator graduation: 0.01mm

(mm)

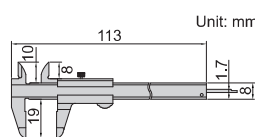
Code	Range	Accuracy	Thumb roller	L	a	b	c	d	D	t
1311-150A *	0-150mm	±0.03mm	with	235	21	16.5	16	40	Ø39	6.5
1311-200A *	0-200mm	±0.03mm	with	288	24	19	16	48	Ø39	6.5
1311-300A *	0-300mm	±0.03mm	with	410	28	22	20	62	Ø44.5	7.5

* Supplied with manufacturer inspection certificate traceable to DKD Germany

MINI VERNIER CALIPERS

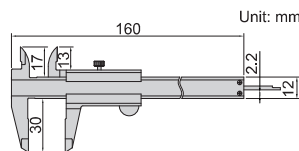
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface

Code	Range	Graduation	Accuracy
1204-70	0-70mm	0.05mm	±0.05mm



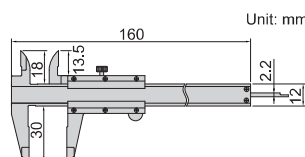
1204-70

Code	Range	Graduation	Accuracy
1203-1003	0-100mm	0.05mm	±0.05mm



1203-1003

Code	Range	Graduation	Accuracy
1201-1003	0-100mm	0.05mm	±0.05mm



1201-1003

VERNIER CALIPERS

Graduation 0,05mm/1/128" (mm)

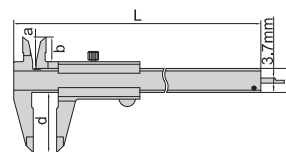
Code	Range	Accuracy	L	a	b	c	d
1205-150S	0-150mm/0-6"	±0.05mm	235	20.5	15.5	16	40
1205-200S	0-200mm/0-8"	±0.05mm	290	23.5	19	17	50
1205-250S	0-250mm/0-10"	±0.05mm	364	27.5	22	20	64
1205-300S	0-300mm/0-12"	±0.05mm	414	27.5	22	20	64



1205-150S

Graduation 0.05mm (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-1503S	0-150mm	±0.05mm	235	20.5	15.5	16	40
1205-2003S	0-200mm	±0.05mm	290	23.5	19	17	50
1205-2503S	0-250mm	±0.05mm	350	26	21.5	16	60
1205-3003S	0-300mm	±0.05mm	414	27.5	22	20	64



Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-1502S	0-150mm/0-6"	±0.03mm	235	20.5	15.5	16	40
1205-2002S	0-200mm/0-8"	±0.03mm	290	23.5	19	17	50
1205-2502S	0-250mm/0-10"	±0.03mm	364	27.5	22	20	64
1205-3002S	0-300mm/0-12"	±0.03mm	414	27.5	22	20	64

Graduation 0.02mm (mm)

Code	Range	Accuracy	L	a	b	c	d
1205-1501S	0-150mm	±0.03mm	235	20.5	15.5	16	40
1205-2001S	0-200mm	±0.03mm	290	23.5	19	17	50
1205-2501S	0-250mm	±0.03mm	350	26	21.5	16	60
1205-3001S	0-300mm	±0.03mm	414	27.5	22	20	64

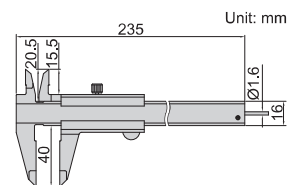
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface

VERNIER CALIPER WITH ROUND DEPTH BAR

- Graduation 0.05mm/1/128"
- Round depth bar
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface



1202-150



Code	Range	Accuracy
1202-150	0-150mm/0-6"	±0.05mm

VERNIER CALIPERS WITH FINE ADJUSTMENT

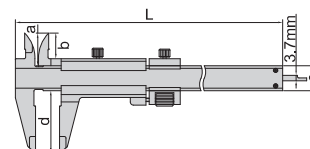
- Graduation 0.02mm/0.001"
- With fine adjustment
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface



1233-130

(mm)

Code	Range	Accuracy	L	a	b	c	d
1233-130	0-130mm/0-5"	±0.03mm	230	20.5	16.5	16	40
1233-180	0-180mm/0-7"	±0.03mm	295	23.5	19	16	50
1233-280	0-280mm/0-11"	±0.03mm	410	26	20	20	60



VERNIER CALIPERS WITH THUMB CLAMP

- Meet DIN862
- With thumb clamp
- Made of stainless steel
- Satin chrome plated reading surface

Graduation 0.05mm/1/128" (mm)

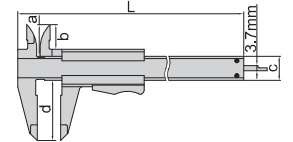
Code	Range	Accuracy	L	a	b	c	d
1223-150	0-150mm/0-6"	±0.05mm	230	20.5	16.5	16	40
1223-200	0-200mm/0-8"	±0.05mm	295	23.5	19	16	50

Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	L	a	b	c	d
1223-1502	0-150mm/0-6"	±0.03mm	230	20.5	16.5	16	40
1223-2002	0-200mm/0-8"	±0.03mm	295	23.5	19	16	50



1223-150



VERNIER CALIPERS WITH CARBIDE TIPPED JAWS

- Carbide tipped jaws for inside and outside measurements
- Meet DIN862
- Made of stainless steel
- Satin chrome plated reading surface

Graduation 0.05mm/1/128" (mm)

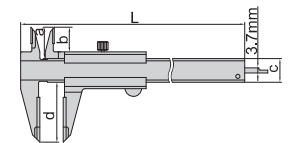
Code	Range	Accuracy	L	a	b	c	d
1238-150	0-150mm/0-6"	±0.05mm	230	21	16.5	16	40
1238-200	0-200mm/0-8"	±0.05mm	295	24	19	16	50
1238-300	0-300mm/0-12"	±0.05mm	410	25	20	17	60

Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	L	a	b	c	d
1238-1502	0-150mm/0-6"	±0.03mm	230	21	16.5	16	40
1238-2002	0-200mm/0-8"	±0.03mm	295	24	19	16	50
1238-3002	0-300mm/0-12"	±0.03mm	410	25	20	17	60



1238-150



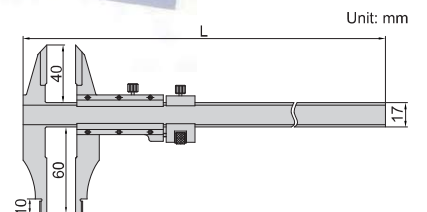
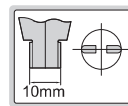
VERNIER CALIPERS

- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



1217-3001

Code	Range	Graduation	Accuracy	L
1217-2503	0-250mm	0.05mm	±0.05mm	360mm
1217-3001	0-300mm	0.02mm	±0.03mm	410mm



ATTENTION: NOT HARDENED

PURE COPPER

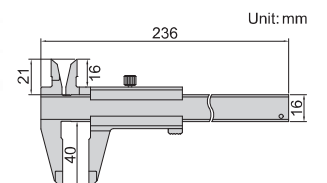
VERNIER CALIPERS (ANTI MAGNETIC)

- Suitable for magnetic parts
- Made of pure copper



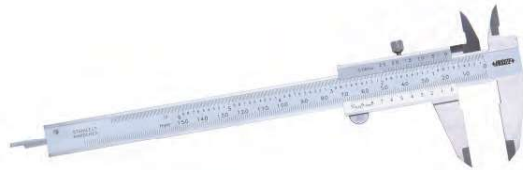
1224-150A

Code	Range	Graduation	Accuracy
1224-150A	0-150mm	0.02mm	±0.05mm
1224-1501A	0-150mm	0.05mm	±0.05mm

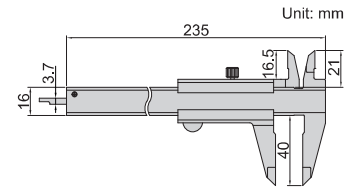


LEFT HAND VERNIER CALIPERS

- Designed for left handed users
- Made of stainless steel
- Satin chrome plated reading surface



1239-1502



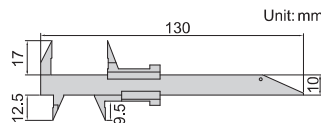
Code	Range	Graduation	Accuracy
1239-150	0-150mm/0-6"	0.05mm/1/128"	±0.05mm
1239-1503	0-150mm	0.05mm	±0.05mm
1239-1502	0-150mm/0-6"	0.02mm/0.001"	±0.03mm
1239-1501	0-150mm	0.02mm	±0.03mm

TEETH VERNIER CALIPER

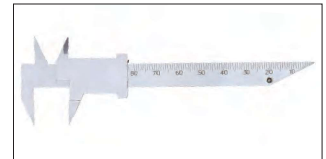
- Used for teeth
- Made of stainless steel



1226-70



scale on the back



Code	Range	Graduation	Accuracy
1226-70	0-70mm	0.1mm	±0.1mm

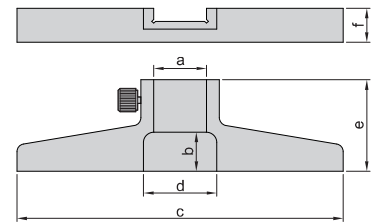
DEPTH BASE ATTACHMENTS



6140



6140-16B



- To increase the stability of depth measurement
- Suitable for digital calipers and dial calipers
- Made of stainless steel



(mm)

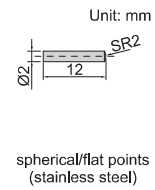
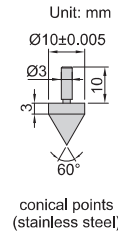
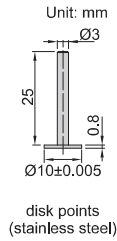
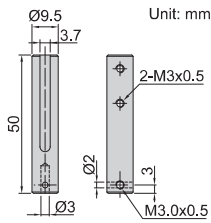
Code	a	b	c	d	e	f	Type	Application
6140	16.5	9	75	18	30	6	narrow base (f=6)	Suitable for calipers with beam width (w) 16mm
6140-300A	20	15	125	22	34	9	narrow base (f=9)	Suitable for calipers with beam width (w) 20mm
6140-16B	16	12.5	75	24.5	30	11	wide base (f=11), high stability	Suitable for calipers with beam width (w) 16mm
6140-300B	20	15	125	28	35	13	wide base (f=13), high stability	Suitable for calipers with beam width (w) 20mm

ACCESSORY SET FOR DIGITAL CALIPERS CODE 6144

2

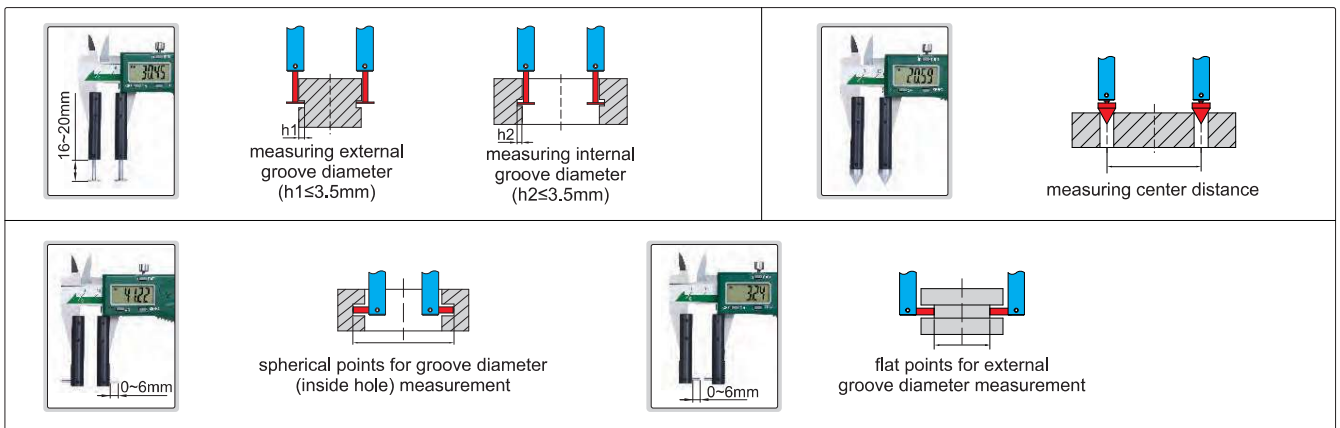


6144



- Suitable for 0-150mm/0-6" and 0-200mm/0-8" digital calipers (thickness of lower jaws ≤ 3.7mm)

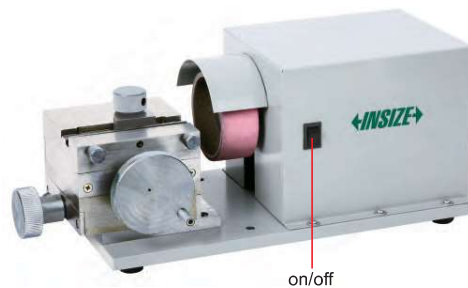
Code
6144



CALIPER END GRINDING MACHINE CODE 6309



- Used for grinding the depth measuring surface of the end of calipers



application



SPECIFICATION

Power supply	220V, 50/60Hz
Dimension (L×W×H)	370×200×160mm
Weight	15kg

DIGITAL CALIPERS

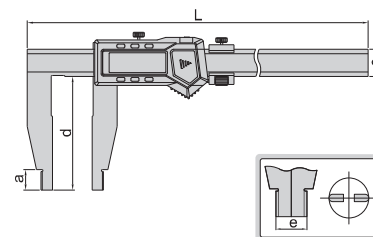
DATA OUTPUT



1106-501

With data interface
(data output cable code 7315-22, 7302-22, optional, for calipers with c=24mm or 31mm)

Code	Range	Accuracy	a	c	d	e	L
1106-301	0-300mm/0-12"	±0.05mm	18mm	24mm	100mm	20mm	420mm
1106-302	0-300mm/0-12"	±0.05mm	18mm	24mm	150mm	20mm	420mm
1106-451	0-450mm/0-18"	±0.05mm	18mm	24mm	100mm	20mm	625mm
1106-501	0-500mm/0-20"	±0.05mm	18mm	24mm	100mm	20mm	675mm
1106-502	0-500mm/0-20"	±0.06mm	18mm	24mm	150mm	20mm	675mm
1106-503	0-500mm/0-20"	±0.06mm	24mm	31mm	200mm	20mm	675mm
1106-505	0-500mm/0-20"	±0.08mm	24mm	42mm	300mm	20mm	675mm
1106-601	0-600mm/0-24"	±0.05mm	18mm	24mm	100mm	20mm	770mm
1106-602	0-600mm/0-24"	±0.06mm	18mm	24mm	150mm	20mm	770mm
1106-603	0-600mm/0-24"	±0.06mm	24mm	31mm	200mm	20mm	770mm
1106-802	0-800mm/0-32"	±0.07mm	24mm	31mm	150mm	20mm	1025mm
1106-1002	0-1000mm/0-40"	±0.08mm	24mm	31mm	150mm	20mm	1220mm
1106-1003	0-1000mm/0-40"	±0.08mm	24mm	31mm	200mm	20mm	1220mm
1106-1005	0-1000mm/0-40"	±0.10mm	24mm	42mm	300mm	20mm	1220mm
1106-1502	0-1500mm/0-60"	±0.11mm	24mm	42mm	150mm	20mm	1780mm
1106-1503	0-1500mm/0-60"	±0.12mm	24mm	42mm	200mm	20mm	1780mm
1106-2002	0-2000mm/0-80"	±0.14mm	24mm	42mm	150mm	20mm	2290mm
1106-2003	0-2000mm/0-80"	±0.14mm	24mm	42mm	200mm	20mm	2290mm
1106-2502	0-2500mm/0-100"	±0.22mm	24mm	42mm	150mm	20mm	2800mm
1106-3002	0-3000mm/0-120"	±0.26mm	24mm	42mm	150mm	20mm	3300mm



- Resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032
- Made of stainless steel

Built-in wireless

Code	Range	Accuracy	a	c	d	e	L
1106-301WL	0-300mm/0-12"	±0.05mm	18mm	24mm	100mm	20mm	420mm
1106-302WL	0-300mm/0-12"	±0.05mm	18mm	24mm	150mm	20mm	420mm
1106-451WL	0-450mm/0-18"	±0.05mm	18mm	24mm	100mm	20mm	625mm
1106-501WL	0-500mm/0-20"	±0.05mm	18mm	24mm	100mm	20mm	675mm
1106-502WL	0-500mm/0-20"	±0.06mm	18mm	24mm	150mm	20mm	675mm
1106-601WL	0-600mm/0-24"	±0.05mm	18mm	24mm	100mm	20mm	770mm
1106-602WL	0-600mm/0-24"	±0.06mm	18mm	24mm	150mm	20mm	770mm

DIGITAL CALIPERS

- Resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032
- Made of stainless steel



1117-501

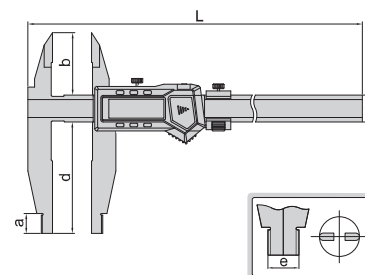
DATA OUTPUT

With data interface (data output cable code 7315-22, 7302-22, optional)

Code	Range	Accuracy	a	b	c	d	e	L
1117-301	0-300mm/0-12"	±0.05mm	18mm	56mm	24mm	100mm	20mm	420mm
1117-501	0-500mm/0-20"	±0.05mm	18mm	56mm	24mm	100mm	20mm	675mm
1117-502	0-500mm/0-20"	±0.06mm	18mm	56mm	24mm	150mm	20mm	675mm
1117-601	0-600mm/0-24"	±0.05mm	18mm	56mm	24mm	100mm	20mm	770mm
1117-802	0-800mm/0-32"	±0.07mm	24mm	67mm	31mm	150mm	20mm	1025mm
1117-1002	0-1000mm/0-40"	±0.08mm	24mm	67mm	31mm	150mm	20mm	1220mm

Built-in wireless

Code	Range	Accuracy	a	b	c	d	e	L
1117-301WL	0-300mm/0-12"	±0.05mm	18mm	56mm	24mm	100mm	20mm	420mm
1117-501WL	0-500mm/0-20"	±0.05mm	18mm	56mm	24mm	100mm	20mm	675mm
1117-502WL	0-500mm/0-20"	±0.06mm	18mm	56mm	24mm	150mm	20mm	675mm
1117-601WL	0-600mm/0-24"	±0.05mm	18mm	56mm	24mm	100mm	20mm	770mm



DIGITAL CALIPERS

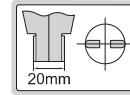
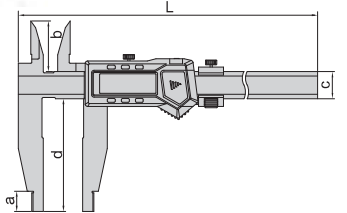
DATA OUTPUT

2

- Resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032
- Made of stainless steel



1136-501



With data interface (data output cable code 7315-22, 7302-22, optional, for calipers with c=24mm or 31mm) (mm)

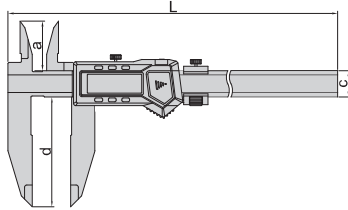
Code	Range	Accuracy	a	b	c	d	L
1136-301	0-300mm/0-12"	±0.05mm	18	45	24	100	420
1136-451	0-450mm/0-18"	±0.05mm	18	45	24	100	625
1136-501	0-500mm/0-20"	±0.05mm	18	45	24	100	675
1136-502	0-500mm/0-20"	±0.06mm	18	45	24	150	675
1136-503	0-500mm/0-20"	±0.06mm	24	60	31	200	675
1136-601	0-600mm/0-24"	±0.05mm	18	45	24	100	770
1136-1002	0-1000mm/0-40"	±0.08mm	24	60	31	150	1220
1136-1502	0-1500mm/0-60"	±0.11mm	24	60	42	150	1780
1136-2002	0-2000mm/0-80"	±0.14mm	24	60	42	150	2290

Built-in wireless (mm)

Code	Range	Accuracy	a	b	c	d	L
1136-301WL	0-300mm/0-12"	±0.05mm	18	45	24	100	420
1136-451WL	0-450mm/0-18"	±0.05mm	18	45	24	100	625
1136-501WL	0-500mm/0-20"	±0.05mm	18	45	24	100	675
1136-502WL	0-500mm/0-20"	±0.06mm	18	45	24	150	675
1136-601WL	0-600mm/0-24"	±0.05mm	18	45	24	100	770

DIGITAL CALIPERS

DATA OUTPUT



1135-601

With data interface (data output cable code 7315-22, 7302-22, optional) (mm)

Code	Range	Accuracy	a	c	d	L
1135-451	0-450mm/0-18"	±0.05mm	45	24	100	625
1135-601	0-600mm/0-24"	±0.05mm	45	24	100	770
1135-1002	0-1000mm/0-40"	±0.08mm	60	31	150	1220

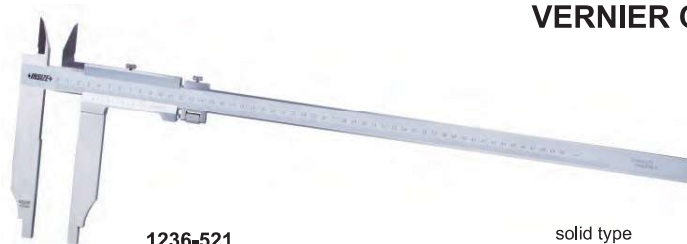
- Resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032
- Made of stainless steel

Built-in wireless (mm)

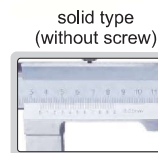
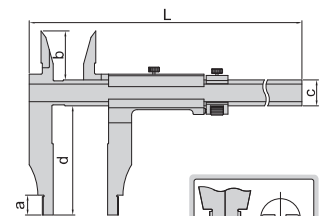
Code	Range	Accuracy	a	c	d	L
1135-451WL	0-450mm/0-18"	±0.05mm	45	24	100	625
1135-601WL	0-600mm/0-24"	±0.05mm	45	24	100	770

VERNIER CALIPERS (SOLID TYPE)

- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



1236-521



Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	a	b	c	d	e	L
1236-394	0-300mm/0-12"	±0.07mm	12	38	20	90	10	450
1236-514	0-500mm/0-20"	±0.07mm	18	45	24	100	20	670
1236-524	0-500mm/0-20"	±0.08mm	18	45	24	150	20	670
1236-614	0-600mm/0-24"	±0.08mm	18	45	24	100	20	770
1236-824	0-800mm/0-32"	±0.09mm	24	60	31	150	20	1030
1236-1024	0-1000mm/0-40"	±0.12mm	24	60	31	150	20	1230

Graduation 0.02mm (mm)

Code	Range	Accuracy	a	b	c	d	e	L
1236-511	0-500mm	±0.05mm	18	45	24	100	20	670
1236-521	0-500mm	±0.06mm	18	45	24	150	20	670
1236-1021	0-1000mm	±0.08mm	24	60	31	150	20	1230

VERNIER CALIPERS (SOLID TYPE)

- Graduation 0.05mm/1/128"
- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface

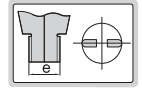
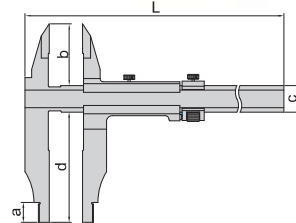


1207-514

Code	Range	Accuracy	a	b	c	d	e	L
1207-394	0-300mm/0-12"	±0.07mm	12	40	20	90	10	440
1207-514	0-500mm/0-20"	±0.07mm	18	56	24	100	20	670
1207-524	0-500mm/0-20"	±0.08mm	18	56	24	150	20	670
1207-824	0-800mm/0-32"	±0.09mm	24	67	31	150	20	930
1207-1024	0-1000mm/0-40"	±0.12mm	24	67	31	150	20	1230

(mm)

solid type
(without screw)



VERNIER CALIPERS (SOLID TYPE)



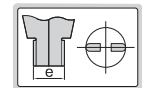
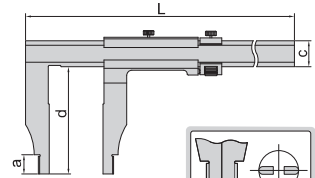
1208-511

Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	a	c	d	e	L
1208-214	0-200mm/0-8"	±0.06mm	10	20	100	10	330
1208-394	0-300mm/0-12"	±0.07mm	10	20	90	10	410
1208-324	0-300mm/0-12"	±0.07mm	18	24	150	20	410
1208-524	0-500mm/0-20"	±0.08mm	18	24	150	20	670
1208-614	0-600mm/0-24"	±0.08mm	18	24	100	20	770
1208-624	0-600mm/0-24"	±0.09mm	18	24	150	20	770
1208-824	0-800mm/0-32"	±0.09mm	24	31	150	20	1030
1208-1024	0-1000mm/0-40"	±0.12mm	24	31	150	20	1230
1208-1524	0-1500mm/0-60"	±0.16mm	24	42	150	20	1820
1208-2024	0-2000mm/0-80"	±0.20mm	24	42	150	20	2330

- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface

solid type
(without screw)



Graduation 0.02mm (mm)

Code	Range	Accuracy	a	c	d	e	L
1208-511	0-500mm	±0.05mm	18	24	100	20	670
1208-521	0-500mm	±0.06mm	18	24	150	20	670
1208-1021	0-1000mm	±0.08mm	24	31	150	20	1230
1208-1521	0-1500mm	±0.11mm	24	42	150	20	1820

VERNIER CALIPERS (SOLID TYPE)

- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



1210-611

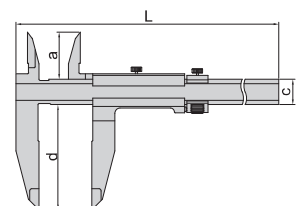
Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	a	c	d	L
1210-614	0-600mm/0-24"	±0.08mm	45	24	100	770
1210-1024	0-1000mm/0-40"	±0.12mm	60	31	150	1230

Graduation 0.02mm (mm)

Code	Range	Accuracy	a	c	d	L
1210-611	0-600mm	±0.05mm	45	24	100	770
1210-1021	0-1000mm	±0.08mm	60	31	150	1230

solid type
(without screw)



VERNIER CALIPERS (SEPARATE TYPE)

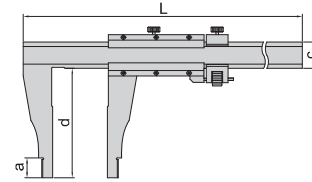
- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



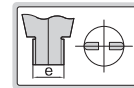
1214-500

Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	a	c	d	e	L
1214-300	0-300mm/0-12"	±0.05mm	10	20	75	10	410
1214-450	0-450mm/0-18"	±0.05mm	18	24	100	20	620
1214-500	0-500mm/0-20"	±0.05mm	18	24	100	20	670
1214-600	0-600mm/0-24"	±0.05mm	18	24	100	20	770
1214-1000	0-1000mm/0-40"	±0.08mm	24	32	140	20	1216
1214-1500	0-1500mm/0-60"	±0.12mm	24	42	200	20	1830
1214-2000	0-2000mm/0-80"	±0.14mm	24	42	200	20	2320



separate type
(with screws)



Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	a	c	d	e	L
1214-6004	0-600mm/0-24"	±0.08mm	18	24	100	20	770
1214-1004	0-1000mm/0-40"	±0.12mm	24	32	140	20	1216

LONG JAW VERNIER CALIPERS (SEPARATE TYPE)

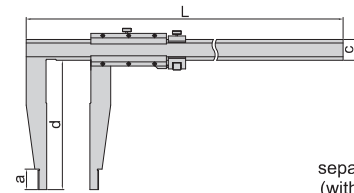
- With fine adjustment
- Made of stainless steel
- Satin chrome plated reading surface



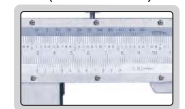
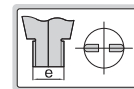
1215-1032

Graduation 0.02mm/0.001" (mm)

Code	Range	Accuracy	a	c	d	e	L
1215-392	0-300mm/0-12"	±0.05mm	10	17	90	10	410
1215-322	0-300mm/0-12"	±0.05mm	18	24	150	20	470
1215-522	0-500mm/0-20"	±0.06mm	18	24	150	20	670
1215-532	0-500mm/0-20"	±0.06mm	18	24	200	20	670
1215-622	0-600mm/0-24"	±0.06mm	18	24	150	20	770
1215-642	0-600mm/0-24"	±0.08mm	24	32	250	20	870
1215-822	0-800mm/0-32"	±0.07mm	24	32	150	20	1020
1215-832	0-800mm/0-32"	±0.07mm	24	32	200	20	1020
1215-1032	0-1000mm/0-40"	±0.08mm	24	32	200	20	1220
1215-1052	0-1000mm/0-40"	±0.11mm	24	42	300	20	1330
1215-3052	0-3000mm/0-120"	±0.26mm	24	50	300	20	3360



separate type
(with screws)



Graduation 0.05mm/1/128" (mm)

Code	Range	Accuracy	a	c	d	e	L
1215-524	0-500mm/0-20"	±0.08mm	18	24	150	20	670
1215-1034	0-1000mm/0-40"	±0.12mm	24	32	200	20	1330

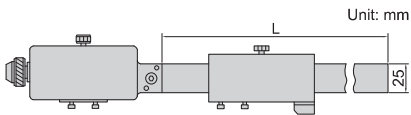
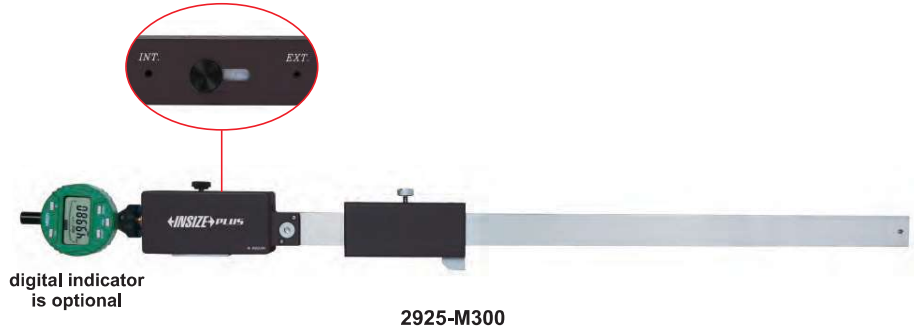
UNIVERSAL COMPARISON GAGES

INSIZE PLUS
MADE IN EUROPE



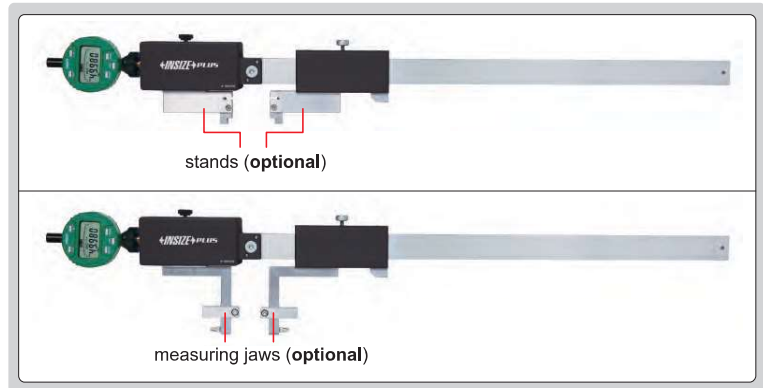
2

internal and external measurement switch



- For measuring external diameter, internal diameter, center distance, etc.
- Moving range of probe: 10mm, effective measuring range: ±2mm
- Optional accessory: cylinder gage blocks (4001 series), gage block accessories (6881 series), gage block holder (6886 series)

working with stands or measuring jaws



Code	External range	Internal range	L	Repeatability*	Accuracy*
2925-M300	0-300mm/0-12"	25-300mm/1"-12"	400mm	2µm	5µm
2925-M500	0-500mm/0-20"	25-500mm/1"-20"	620mm	2µm	5µm
2925-M1000	0-1000mm/0-40"	25-1000mm/1"-40"	1150mm	2µm	5µm

* Repeatability and accuracy are assured within the effective range of ±2mm after zero setting

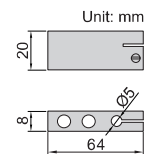
Digital indicator (optional)



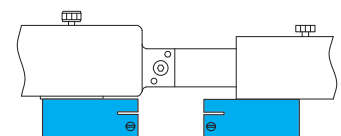
Resolution: 0.001mm/0.00005"

Code	Range
2103-10F	12.7mm/0.5"

Stands (optional, supplied in pair)



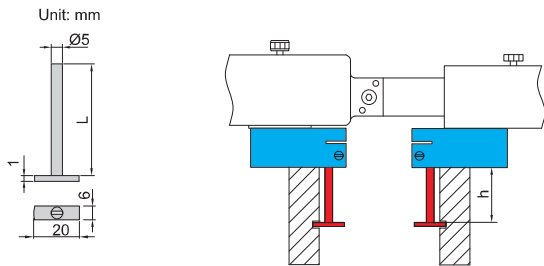
Code
2925-C



To be continued

Continued from previous page

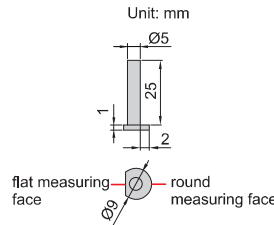
Rectangular points (optional, supplied in pair)



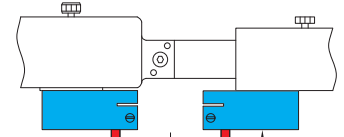
Code		(mm)
Code		L
2925-P101		25
2925-P102		60

Measuring the distance between two parallel planes
(2925-P101 depth h<12mm)
(2925-P102 depth h<45mm)

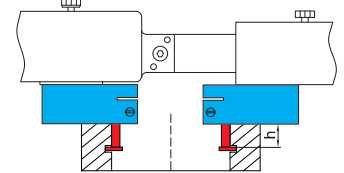
Disk points (optional, supplied in pair)



Code
2925-S101

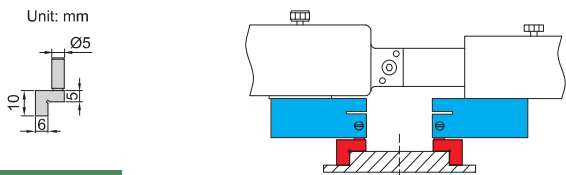


Measuring external groove diameter with flat measuring face (depth h≤10mm)



Measuring internal groove diameter with round measuring face (depth h≤10mm)

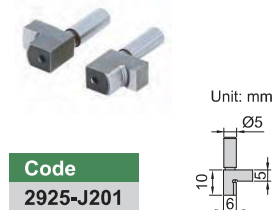
Flat shoulder points (optional, supplied in pair)



Code
2925-J101

Measuring outside diameter of shallow steps

Round shoulder points (optional, supplied in pair)



Code
2925-J201

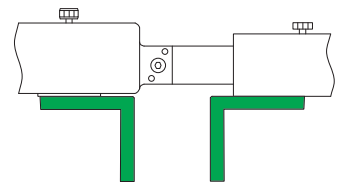
Measuring inside diameter of shallow holes

Measuring jaws (optional, supplied in pair)



2925-Z50

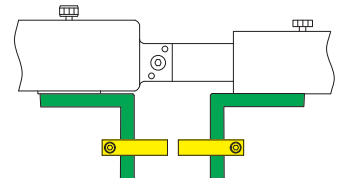
Code	Length (L)
2925-Z25	25mm
2925-Z50	50mm
2925-Z100	100mm



Depth stops (optional, supplied in pair)

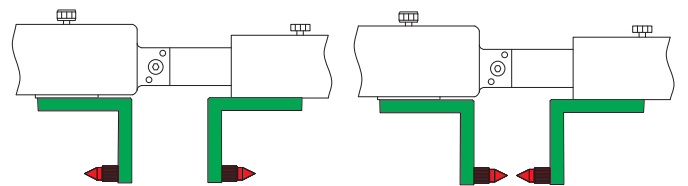


Code
2925-H



Points (optional, supplied in single)

Refer to page (161~163)



To be continued

Continued from previous page

2

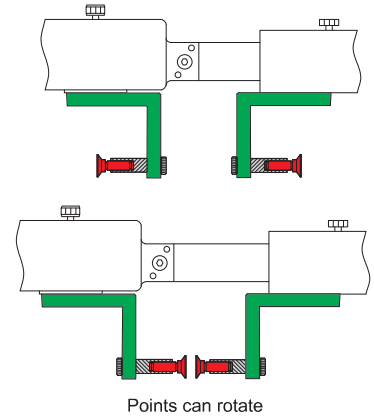
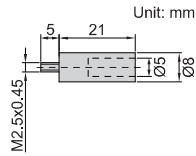
Multifunctional points 7392* (optional, supplied in pair)
refer to 1526-200 for more details



* It is necessary to use point sleeves (code 2923-T101) for these points

Point sleeves (optional, supplied in pair)

Code
2923-T101

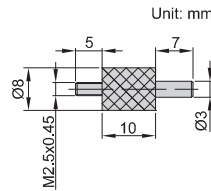


Ball points 7383* (optional, supplied in pair)
Refer to page 117

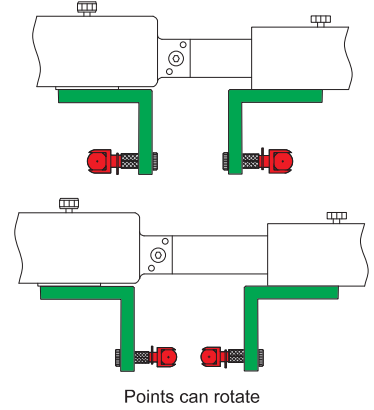


Point sleeves (optional, supplied in pair)

Code
2923-T201



* It is necessary to use point sleeves (code 2923-T201) for these points

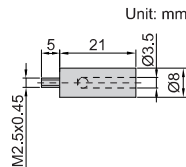


Measuring points for external screw thread micrometers 7384* (optional, supplied in pair)
Refer to page 71

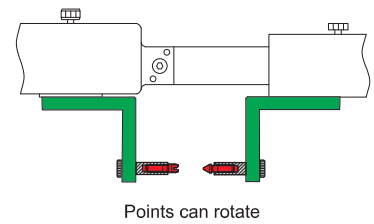


Point sleeves (optional, supplied in pair)

Code
2923-T301



* It is necessary to use point sleeves (code 2923-T301) for these points

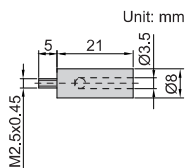


Measuring points for internal screw thread micrometers 7385* (optional, supplied in pair)
Refer to page 118

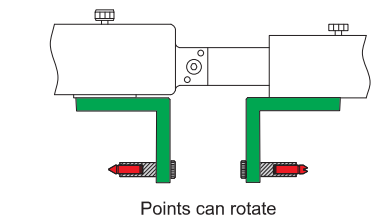


Point sleeves (optional, supplied in pair)

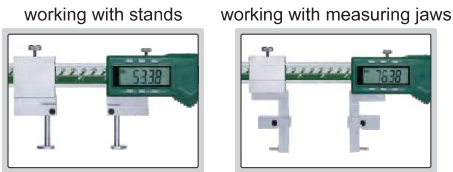
Code
2923-T301



* It is necessary to use point sleeves (code 2923-T301) for these points



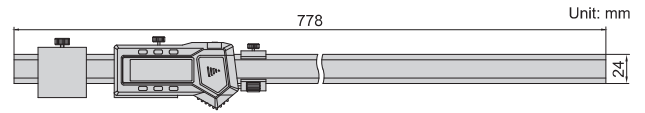
UNIVERSAL CALIPERS



1125-600

- Buttons: on/off, set, mm/inch, ABS, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

DATA OUTPUT



With data interface (data output cable code 7315-22, 7302-22, optional)

Code	Range *	Resolution	Accuracy
1125-600	0-600mm/0-24"	0.01mm/0.0005"	±0.05mm

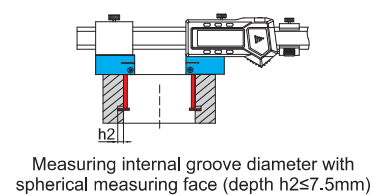
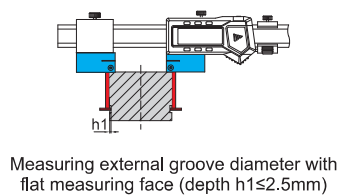
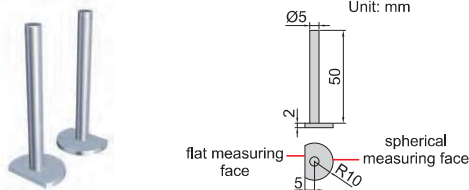


Built-in wireless

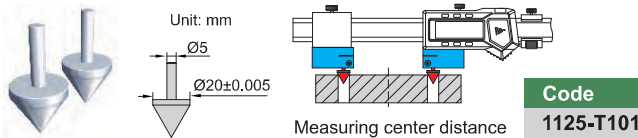
Code	Range *	Resolution	Accuracy
1125-600WL	0-600mm/0-24"	0.01mm/0.0005"	±0.05mm

*The range changes according to different points

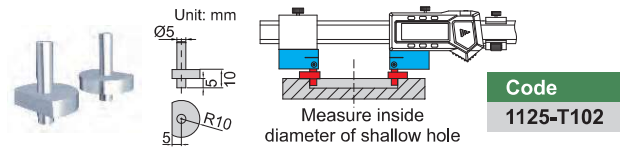
Half disk points (included)



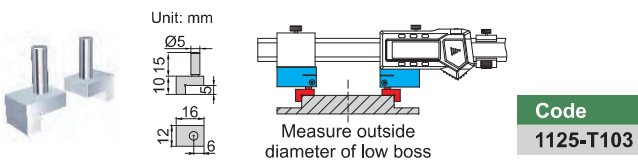
Conical points (optional)



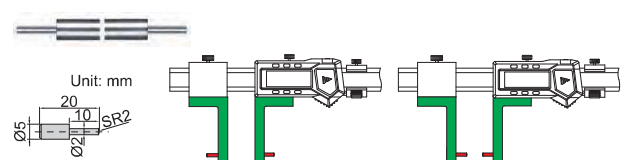
Round shoulder points (optional)



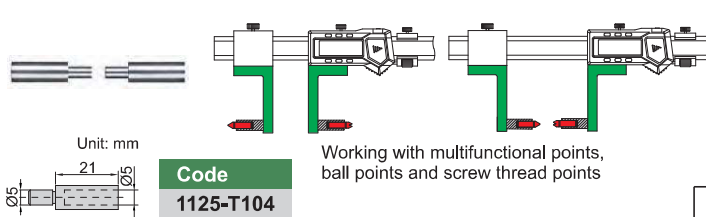
Flat shoulder points (optional)



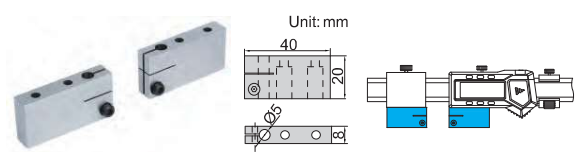
Spherical points (included)



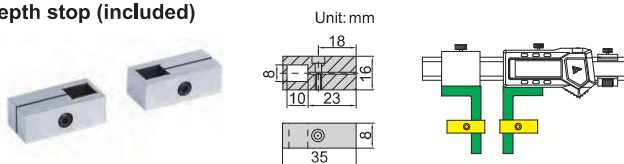
Point sleeve (optional)



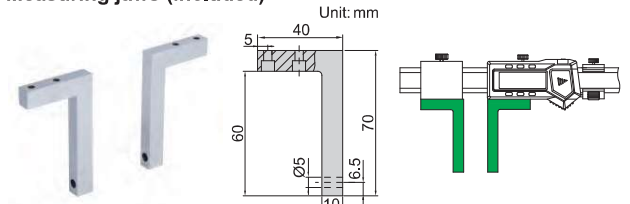
Stands (included)



Depth stop (included)



Measuring jaws (included)



Multifunctional points 7392* (optional, next page)



Ball points 7391* (optional, next page)



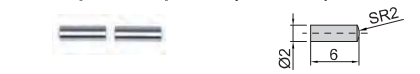
Screw thread points 7381*, 7321* (optional, next page)



*It is necessary to use point sleeve (code 1526-T101) for these points

DIGITAL CALIPER WITH INTERCHANGEABLE POINTS CODE 1526-200

short spherical points (included) Unit: mm



long spherical/flat points (included) Unit: mm



spherical blade points (included) Unit: mm

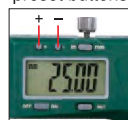


- Supplied with 3 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: points, data output cable (code 7315-21, 7302-21)



1526-200

preset buttons

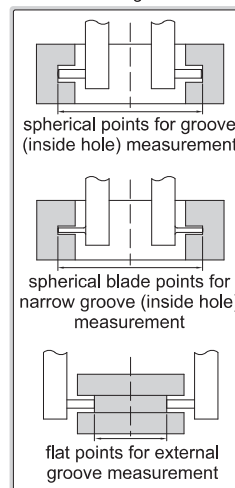


DATA OUTPUT

zero setting block for external measurement (included)



measure internal and external grooves



Point	Range	Accuracy	Application
short spherical points	12-212mm/0.5-8.5" (internal)	±0.03mm	for grooves inside small hole
long spherical/flat points	24-224mm/1-8.8" (internal) 0-187mm/0-7.5" (external)	±0.03mm	spherical points for grooves inside hole flat points for external grooves
spherical blade points	24-224mm/1-8.8" (internal) 0-187mm/0-7.5" (external)	±0.03mm	for narrow grooves inside hole

Depth stop (optional)

6143

Code 6143

for external groove measurement

for internal groove measurement

Multifunctional points (optional)

Code	Type	Code	Type	Code	Type
7392-T1*	flat	7392-T4*	disk	7392-T7*	point
7392-T2*	spherical	7392-T5*	blade	7392-T8*	knife-edge
7392-T3*	spline	7392-T6*	knife-edge	7392-T9*	point

* It is necessary to use point sleeve (code 1526-T101) for these points

Point sleeve (optional)

1526-T101

Code 1526-T101

installation

measuring jaw

point

point sleeve

fix screw

Screw thread points (optional)

7321-T16

7381-T11

Ball points (optional)

7391-T5

Code	Ball dia.(D)
7391-T3*	SØ2.0mm
7391-T4*	SØ2.5mm
7391-T5*	SØ3.0mm
7391-T6*	SØ3.5mm
7391-T7*	SØ4.0mm
7391-T8*	SØ4.5mm
7391-T9*	SØ5.0mm
7391-T10*	SØ6.0mm

Unit: mm

* It is necessary to use point sleeve (code 1526-T101) for these points

Internal thread (60° thread angle)

Code	Pitch
7321-T11*	0.4-0.5mm/64-48TPI
7321-T12*	0.6-0.9mm/44-28TPI
7321-T13*	1-1.75mm/24-14TPI
7321-T14*	2-3mm/13-9TPI
7321-T15*	3.5-5mm/8-5TPI
7321-T16*	5.5-7mm/4.5-3.5TPI
7321-T1S*	6 pairs/set, including all above points

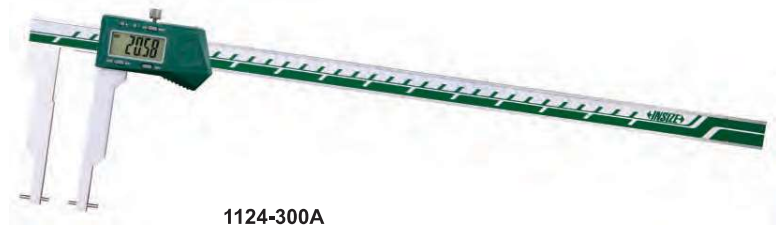
External thread (60° thread angle)

Code	Pitch
7381-T11*	0.4-0.5mm/64-48TPI
7381-T12*	0.6-0.9mm/44-28TPI
7381-T13*	1-1.75mm/24-14TPI
7381-T14*	2-3mm/13-9TPI
7381-T15*	3.5-5mm/8-5TPI
7381-T16*	5.5-7mm/4.5-3.5TPI
7381-TS*	6 pairs/set, including all above points



DATA OUTPUT

DIGITAL CALIPER WITH INTERCHANGEABLE POINTS CODE 1124-300A



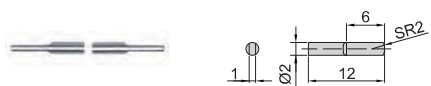
short spherical/flat points (included) Unit: mm



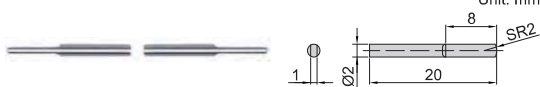
long spherical/flat points (included) Unit: mm



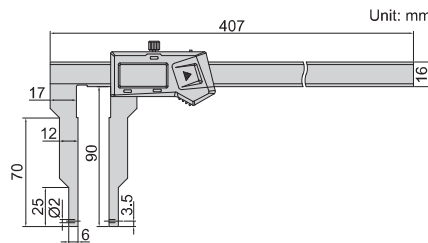
short spherical blade points (included) Unit: mm



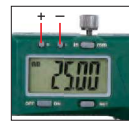
long spherical blade points (included) Unit: mm



1124-300A



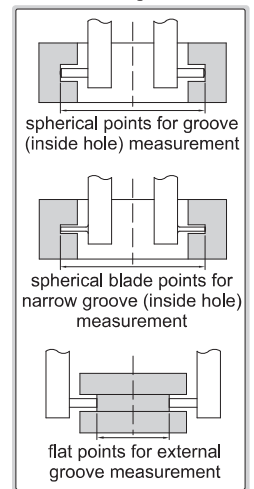
preset buttons



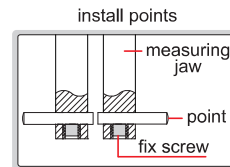
depth stop 6143 (optional)



measure internal and external grooves



- Supplied with 4 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: points (code 1526-T101, 7392, 7391, 7381, 7321), depth stop (code 6143), data output cable (code 7315-21, 7302-21)

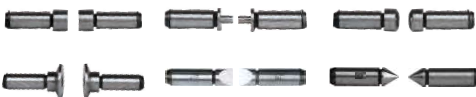


zero setting block for external measurement (included)



Point	Range	Accuracy	Application
short spherical/flat points	24-324mm/1-12.7" (internal) 0-288mm/0-11.3" (external)	±0.04mm	spherical points for grooves inside hole (small hole) flat points for external grooves
long spherical/flat points	40-340mm/1.5-13.3" (internal) 0-272mm/0-10.7" (external)	±0.04mm	spherical points for grooves inside hole (large hole) flat points for external grooves
short spherical blade points	24-324mm/1-12.7" (internal) 0-288mm/0-11.3" (external)	±0.04mm	for narrow grooves inside hole (small hole)
long spherical blade points	40-340mm/1.5-13.3" (internal) 0-272mm/0-10.7" (external)	±0.04mm	for narrow grooves inside hole (large hole)

Multifunctional points 7392*
(optional, refer to 1526-200 for more details)



Ball points 7391* (optional, refer to 1526-200 for more details)



Screw thread points 7381*, 7321* (optional, refer to 1526-200 for more details)



* It is necessary to use point sleeve (code 1526-T101) for these points

DIGITAL CALIPER WITH INTERCHANGEABLE POINTS

DATA OUTPUT

VARIOUS POINTS ARE AVAILABLE (PAGE 161~163)



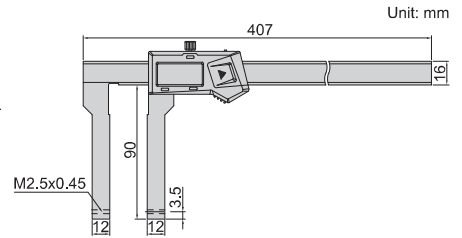
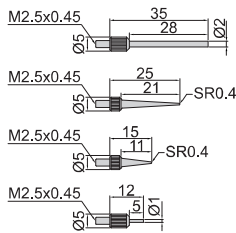
- Supplied with 4 pairs of points and zero setting block for external measurement
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: points (page 161~163), depth stop (code **6143**), data output cable (code **7315-21**, **7302-21**)



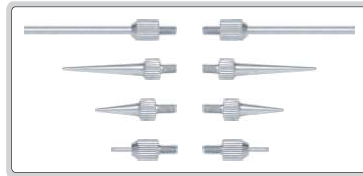
1530-300

zero setting block for external measurement (included)

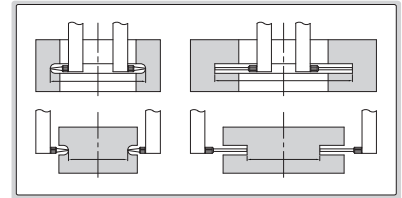
depth stop **6143** (optional)



4 pairs of points (included)



measure internal and external grooves



Code	Range *	Accuracy
1530-300	0-300mm/0-12"	±0.04mm

*For different points, the measuring range changes accordingly

DIGITAL INSIDE GROOVE CALIPERS

preset buttons

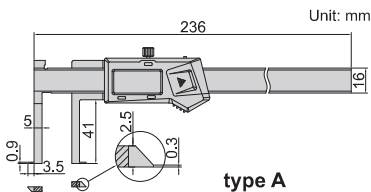


1520-150

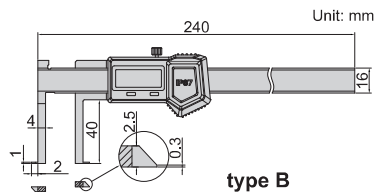
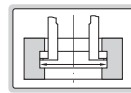


1520-150P

depth stop **6143** (optional)



type A



type B

- Measure diameter of grooves inside small bores
- Resolution: 0.01mm/0.0005"
- Buttons type A: on/off, set, mm/inch, preset (+, -), type B: on/off, zero, mm/inch, ABS/REL, hold
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code **6143**)

No dust/waterproof, with data interface (data output cable code **7315-21**, **7302-21**, optional)

Code	Range	Type	Accuracy
1520-150	11-150mm/0.43-6"	A	±0.04mm

No dust/waterproof, built-in wireless

Code	Range	Type	Accuracy
1520-150WL	11-150mm/0.43-6"	A	±0.04mm

IP67 dust/waterproof, without data interface, no automatic power off, set zero after power on each time

Code	Range	Type	Accuracy
1520-150P	8-150mm/0.31-6"	B	±0.04mm

DIGITAL INSIDE GROOVE CALIPERS

depth stop 6143
(optional)



preset buttons



1120-150A
type A

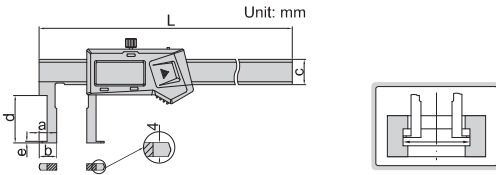


1120-150B
type B



1120-150P
type C

- Measure groove diameter
- Resolution: 0,01mm/0,0005"
- Buttons type A: on/off, set, mm/inch, preset (+, -),
type B: on/off, zero, mm/inch,
type C: on/off, zero, mm/inch, ABS/REL, hold
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop
(code 6143, for calipers with c=16mm)



No dust/waterproof, with data interface, preset (no need to add the width of the jaws on the reading)

(mm)

Code	Range	Type	Accuracy	L	a	b	c	d	e	Data output cable (optional)
1120-150A	22-150mm/0.87-6"	A	±0.04mm	250	5	11	16	30	1	7315-21, 7302-21
1120-1501	35-150mm/1.38-6"	A	±0.06mm	250	6	17.5	16	60	1.5	7315-21, 7302-21
1120-200A	25-200mm/0.98-8"	A	±0.04mm	310	5	12.5	16	40	1	7315-21, 7302-21
1120-2001	40-200mm/1.57-8"	A	±0.06mm	310	7	20	16	70	2.5	7315-21, 7302-21
1120-300A	30-300mm/1.18-12"	A	±0.05mm	410	5	15	16	50	1.5	7315-21, 7302-21
1120-3001	50-300mm/1.97-12"	A	±0.07mm	410	8	25	16	80	2.5	7315-21, 7302-21
1120-500	40-500mm/1.57-20"	A	±0.07mm	680	5	20	24	90	2.2	7315-22, 7302-22
1120-5001	60-500mm/2.36-20"	A	±0.08mm	680	10	30	24	120	3.4	7315-22, 7302-22
1120-5002	80-500mm/3.15-20"	A	±0.08mm	680	16	40	24	150	5.2	7315-22, 7302-22

No dust/waterproof, built-in wireless, preset (no need to add the width of the jaws on the reading)

Code	Range	Type	Accuracy	L	a	b	c	d	e
1120-150AWL	22-150mm/0.87-6"	A	±0.04mm	250mm	5mm	11mm	16mm	30mm	1mm
1120-1501WL	35-150mm/1.38-6"	A	±0.06mm	250mm	6mm	17.5mm	16mm	60mm	1.5mm
1120-200AWL	25-200mm/0.98-8"	A	±0.04mm	310mm	5mm	12.5mm	16mm	40mm	1mm
1120-2001WL	40-200mm/1.57-8"	A	±0.06mm	310mm	7mm	20mm	16mm	70mm	2.5mm
1120-300AWL	30-300mm/1.18-12"	A	±0.05mm	410mm	5mm	15mm	16mm	50mm	1.5mm
1120-3001WL	50-300mm/1.97-12"	A	±0.07mm	410mm	8mm	25mm	16mm	80mm	2.5mm
1120-500WL	40-500mm/1.57-20"	A	±0.07mm	680mm	5mm	20mm	24mm	90mm	2.2mm
1120-5001WL	60-500mm/2.36-20"	A	±0.08mm	680mm	10mm	30mm	24mm	120mm	3.4mm
1120-5002WL	80-500mm/3.15-20"	A	±0.08mm	680mm	16mm	40mm	24mm	150mm	5.2mm

No dust/waterproof, no preset (need to add the width of the jaws on the reading)

Code	Range	Type	Accuracy	L	a	b	c	d	e
1120-150B	50-150mm/1.97-6"	B	±0.06mm	270mm	8mm	25mm	20mm	90mm	3.4mm
1120-200B	60-200mm/2.36-8"	B	±0.06mm	320mm	10mm	30mm	20mm	100mm	3.4mm
1120-300B	60-300mm/2.36-12"	B	±0.07mm	420mm	10mm	30mm	20mm	110mm	3.4mm

IP67 dust/waterproof, without data interface, no automatic power off, set zero after power on each time, no preset (need to add the width of the jaws on the reading)

Code	Range	Type	Accuracy	L	a	b	c	d	e
1120-150P	22-150mm/0.87-6"	C	±0.04mm	250mm	5mm	11mm	16mm	30mm	1mm

DIGITAL INSIDE POINT CALIPERS

2

DATA OUTPUT

preset buttons



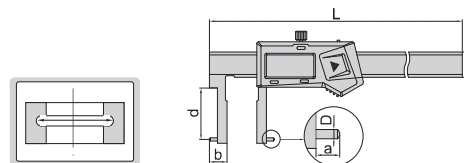
1121-150A
type A

depth stop 6143
(optional)



1121-150B
type B

- Measure groove diameter
- Resolution: 0.01mm/0.0005"
- Buttons type A: on/off, set, mm/inch, preset (+, -)
type B: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: depth stop
(code 6143, for calipers with c=16mm)



With data interface, preset (no need to add the width of the jaws on the reading)

(mm)

Code	Range	Type	Accuracy	L	a	b	c	d	D	Data output cable (optional)
1121-150A	24-150mm/0.94-6"	A	±0.04mm	250	5	12	16	28	Ø2	7315-21, 7302-21
1121-1501	35-150mm/1.38-6"	A	±0.05mm	250	6	17.5	16	60	Ø2	7315-21, 7302-21
1121-200A	25-200mm/0.98-8"	A	±0.04mm	310	5	12.5	16	37	Ø2	7315-21, 7302-21
1121-2001	40-200mm/1.57-8"	A	±0.05mm	310	7	20	16	70	Ø3	7315-21, 7302-21
1121-300A	30-300mm/1.18-12"	A	±0.07mm	410	5	15	16	50	Ø2	7315-21, 7302-21
1121-3001A	50-300mm/1.97-12"	A	±0.07mm	410	8	25	16	77	Ø3	7315-21, 7302-21
1121-500A	40-500mm/1.57-20"	A	±0.07mm	680	5	20	24	90	Ø3	7315-22, 7302-22
1121-5001	60-500mm/2.36-20"	A	±0.08mm	680	10	30	24	120	Ø3	7315-22, 7302-22
1121-5002	80-500mm/3.15-20"	A	±0.08mm	680	16	40	24	150	Ø3	7315-22, 7302-22

Built-in wireless, preset (no need to add the width of the jaws on the reading)

Code	Range	Type	Accuracy	L	a	b	c	d	D
1121-150AWL	24-150mm/0.94-6"	A	±0.04mm	250mm	5mm	12mm	16mm	28mm	Ø2mm
1121-1501WL	35-150mm/1.38-6"	A	±0.05mm	250mm	6mm	17.5mm	16mm	60mm	Ø2mm
1121-200AWL	25-200mm/0.98-8"	A	±0.04mm	310mm	5mm	12.5mm	16mm	37mm	Ø2mm
1121-2001WL	40-200mm/1.57-8"	A	±0.05mm	310mm	7mm	20mm	16mm	70mm	Ø3mm
1121-300AWL	30-300mm/1.18-12"	A	±0.07mm	410mm	5mm	15mm	16mm	50mm	Ø2mm
1121-3001AWL	50-300mm/1.97-12"	A	±0.07mm	410mm	8mm	25mm	16mm	77mm	Ø3mm
1121-500AWL	40-500mm/1.57-20"	A	±0.07mm	680mm	5mm	20mm	24mm	90mm	Ø3mm
1121-5001WL	60-500mm/2.36-20"	A	±0.08mm	680mm	10mm	30mm	24mm	120mm	Ø3mm
1121-5002WL	80-500mm/3.15-20"	A	±0.08mm	680mm	16mm	40mm	24mm	150mm	Ø3mm

No preset, need to add the width of the jaws on the reading

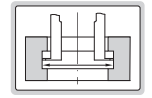
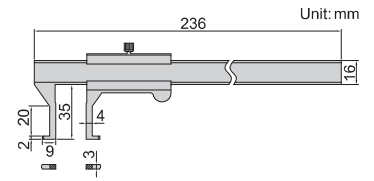
Code	Range	Type	Accuracy	L	a	b	c	d	D
1121-150B	50-150mm/1.97-6"	B	±0.06mm	270mm	8mm	25mm	20mm	90mm	Ø3mm
1121-200B	60-200mm/2.36-8"	B	±0.06mm	320mm	10mm	30mm	20mm	100mm	Ø3mm
1121-300B	60-300mm/2.36-12"	B	±0.07mm	420mm	10mm	30mm	20mm	110mm	Ø3mm

INSIDE GROOVE VERNIER CALIPER

- Measure diameter of grooves inside bores
- Made of stainless steel
- Satin chrome plated reading surface

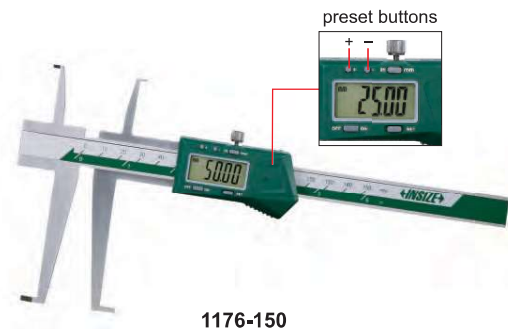


1262-150A

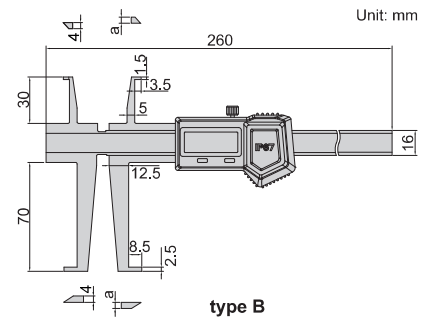
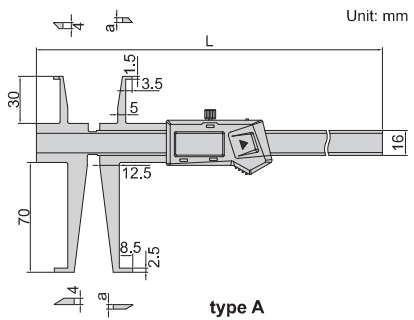


Code	Range	Graduation	Accuracy
1262-150A	18-150mm	0.02mm	±0.04mm

DIGITAL INSIDE GROOVE CALIPERS

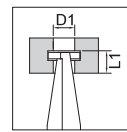


depth stop 6143 (optional)



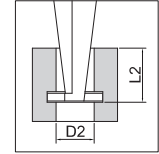
- Measure diameter of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons type A: on/off, set, mm/inch, preset (+, -)
type B: on/off, zero, mm/inch, ABS/REL, hold
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code 6143)

sizes to be measured (use upper jaws)



(mm)	
D1	L1
Ø9	<8
Ø10	<15
Ø11~200	<30

sizes to be measured (use lower jaws)



(mm)	
D2	L2
Ø17	<16
Ø18	<28
Ø19	<40
Ø20	<50
Ø21	<58
Ø22~150	<70

No dust/waterproof, with data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range of upper jaw	Range of lower jaw	Type	Accuracy	L	a
1176-150	9-150mm/0.35-6"	17-150mm/0.70-6"	A	±0.04mm	260mm	3mm
1176-200	9-200mm/0.35-8"	17-200mm/0.70-8"	A	±0.05mm	320mm	4mm

No dust/waterproof, built-in wireless

Code	Range of upper jaw	Range of lower jaw	Type	Accuracy	L	a
1176-150WL	9-150mm/0.35-6"	17-150mm/0.70-6"	A	±0.04mm	260mm	3mm
1176-200WL	9-200mm/0.35-8"	17-200mm/0.70-8"	A	±0.05mm	320mm	4mm

IP67 dust/waterproof, without data interface, no automatic power off, set zero after power on each time

Code	Range of upper jaw	Range of lower jaw	Type	Accuracy	a
1176-150P	9-150mm/0.35-6"	17-150mm/0.70-6"	B	±0.04mm	4mm

DIGITAL DEEP HOLE INSIDE GROOVE CALIPERS

DATA OUTPUT



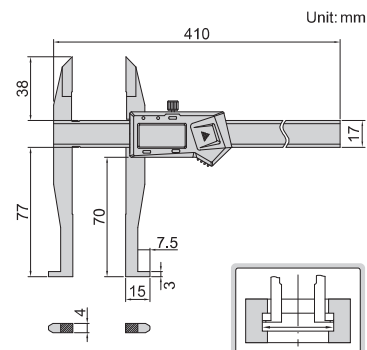
1129-300

- Measure diameter of grooves inside deep holes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code 6143)

depth stop 6143 (optional)



preset buttons



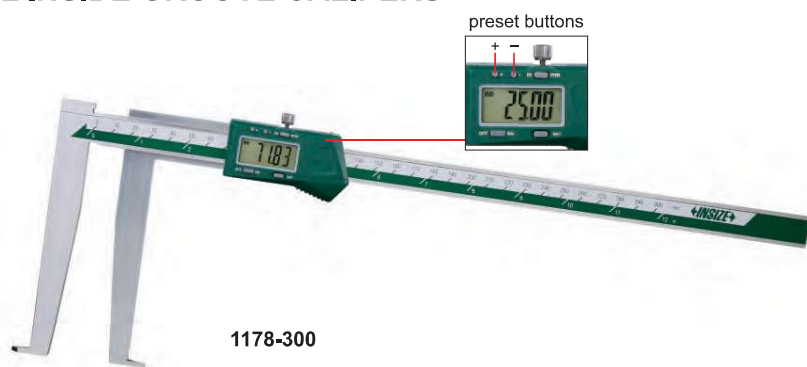
With data interface
(data output cable code 7315-21, 7302-21, optional)

Code	Range of upper jaw	Range of lower jaw	Accuracy
1129-300	0-300mm/0-12"	30-300mm/1.2-12"	±0.04mm

Built-in wireless

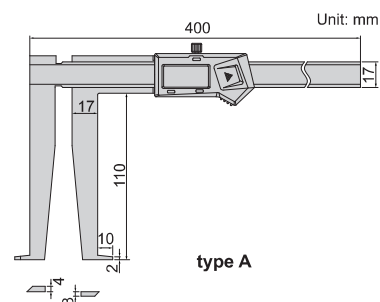
Code	Range of upper jaw	Range of lower jaw	Accuracy
1129-300WL	0-300mm/0-12"	30-300mm/1.2-12"	±0.04mm

DIGITAL INSIDE GROOVE CALIPERS



1178-300

preset buttons

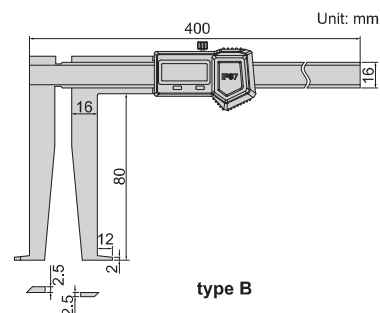
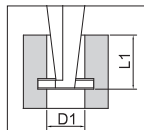


type A



1178-300P

sizes to be measured



type B

- Measure diameter of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons type A: on/off, set, mm/inch, preset (+, -), type B: on/off, zero, mm/inch, ABS/REL, hold
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code 6143)

depth stop 6143 (optional)



No dust/waterproof, with data interface
(data output cable code 7315-21, 7302-21, optional)

Code	Range	Type	Accuracy
1178-300	25-300mm/1.18-12"	A	±0.05mm

No dust/waterproof, built-in wireless

Code	Range	Type	Accuracy
1178-300WL	25-300mm/1.18-12"	A	±0.05mm

IP67 dust/waterproof, without data interface, no automatic power off, set zero after power on each time

Code	Range	Type	Accuracy
1178-300P	33-300mm/1.30-12"	B	±0.05mm

DATA OUTPUT

- Measure distance of grooves
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Data output
- Made of stainless steel



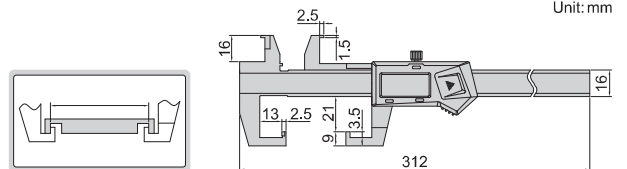
1128-200

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range of upper jaw	Range of lower jaw	Accuracy
1128-200	10-200mm/0.39-8"	3-200mm/0.12-8"	±0.03mm

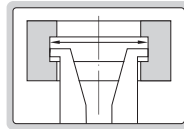
Built-in wireless

Code	Range of upper jaw	Range of lower jaw	Accuracy
1128-200WL	10-200mm/0.39-8"	3-200mm/0.12-8"	±0.03mm



DATA OUTPUT

- Upper jaws for measuring diameter of grooves
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



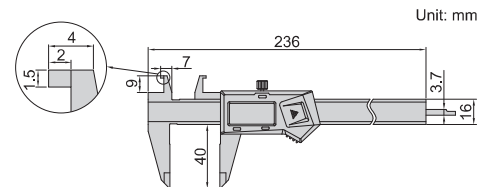
1191-150

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range of upper jaw	Range of lower jaw	Accuracy
1191-150	8-150mm/0.3-6"	0-150mm/0-6"	±0.03mm

Built-in wireless

Code	Range of upper jaw	Range of lower jaw	Accuracy
1191-150WL	8-150mm/0.3-6"	0-150mm/0-6"	±0.03mm

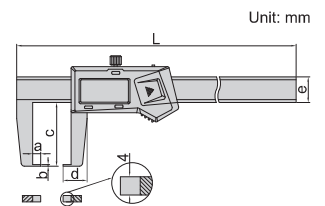


DATA OUTPUT

- Measure grooves and recesses
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code 6143)



1187-150A

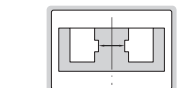


With data interface

Code	Range	Accuracy	L	a	b	c	d	e	Data output cable (optional)
1187-150A	0-150mm/0-6"	±0.04mm	250	5	1	40	15	16	7315-21, 7302-21
1187-200A	0-200mm/0-8"	±0.05mm	310	9	1.5	80	23	16	7315-21, 7302-21
1187-300A	0-300mm/0-12"	±0.06mm	490	12	2	150	36	24	7315-22, 7302-22

Built-in wireless

Code	Range	Accuracy	L	a	b	c	d	e
1187-150AWL	0-150mm/0-6"	±0.04mm	250	5	1	40	15	16
1187-200AWL	0-200mm/0-8"	±0.05mm	310	9	1.5	80	23	16
1187-300AWL	0-300mm/0-12"	±0.06mm	490	12	2	150	36	24



depth stop 6143 (optional)



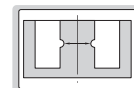
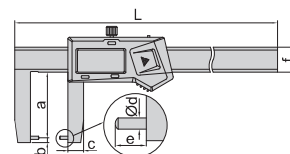
DIGITAL OUTSIDE POINT CALIPERS

DATA OUTPUT

- Measure wall thickness inside bores and recesses
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: depth stop (code 6143)



1185-150A



With data interface

Code	Range	Accuracy	L	a	b	c	Ød	e	f	Data output cable (optional)
1185-150A	0-150mm/0-6"	±0.04mm	250	40	3	10	2	5	16	7315-21, 7302-21
1185-200A	0-200mm/0-8"	±0.05mm	310	80	3	14	3	9	16	7315-21, 7302-21
1185-300A	0-300mm/0-12"	±0.06mm	490	150	3	20	3	12	24	7315-22, 7302-22

(mm)

Built-in wireless

Code	Range	Accuracy	L	a	b	c	Ød	e	f
1185-150AWL	0-150mm/0-6"	±0.04mm	250	40	3	10	2	5	16
1185-200AWL	0-200mm/0-8"	±0.05mm	310	80	3	14	3	9	16
1185-300AWL	0-300mm/0-12"	±0.06mm	490	150	3	20	3	12	24

(mm)

depth stop 6143 (optional)



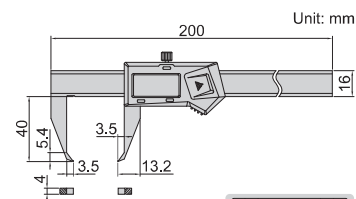
DIGITAL OUTSIDE GROOVE CALIPERS

DATA OUTPUT

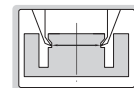
- Measure grooves and recesses in small spaces
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1535-100



Unit: mm



With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1535-100	0-100mm/0-4"	±0.03mm

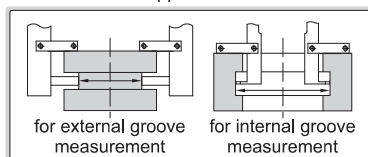


Built-in wireless

Code	Range	Accuracy
1535-100WL	0-100mm/0-4"	±0.03mm

DEPTH STOP FOR CALIPERS

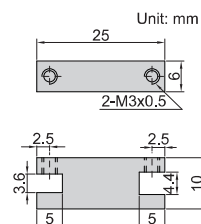
application



6143

- Supplied in pair
- Made of stainless steel
- Suitable for caliper series 1124, 1526, 1530, 1520, 1176, 1178, 1120, 1121, 1187, 1129 and 1185

Code
6143



Unit: mm



DATA OUTPUT

DIGITAL CALIPERS WITH POSITIONING SURFACES

- Lower jaws with positioning surfaces, for measuring inside diameters quickly
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1534-200

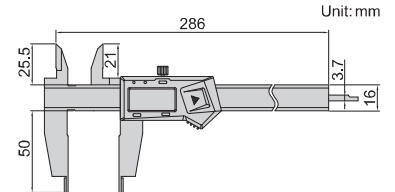
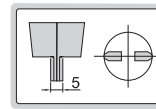
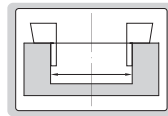


With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1534-200	0-200mm/0-8"	±0.03mm

Built-in wireless

Code	Range	Accuracy
1534-200WL	0-200mm/0-8"	±0.03mm



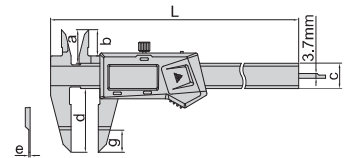
DATA OUTPUT

DIGITAL BLADE CALIPERS

- The blade jaws fit into small grooves
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

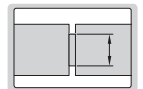


1188-150A



With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	L	a	b	c	d	e	g
1188-150A	0-150mm/0-6"	±0.03mm	235mm	21mm	16.5mm	16mm	40mm	0.85mm	17mm
1188-200A	0-200mm/0-8"	±0.03mm	297mm	24mm	20mm	16mm	50mm	0.85mm	17mm
1188-300A	0-300mm/0-12"	±0.04mm	390mm	26mm	21.5mm	16mm	60mm	1.00mm	17mm



Built-in wireless

Code	Range	Accuracy	L	a	b	c	d	e	g
1188-150AWL	0-150mm/0-6"	±0.03mm	235mm	21mm	16.5mm	16mm	40mm	0.85mm	17mm
1188-200AWL	0-200mm/0-8"	±0.03mm	297mm	24mm	20mm	16mm	50mm	0.85mm	17mm
1188-300AWL	0-300mm/0-12"	±0.04mm	390mm	26mm	21.5mm	16mm	60mm	1.00mm	17mm

DIGITAL SMALL POINT CALIPERS

- Small pointed jaws fit into small grooves and recesses
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1169-150

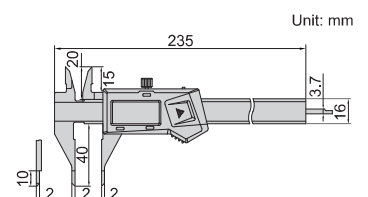
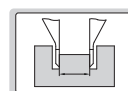
DATA OUTPUT

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1169-150	0-150mm/0-6"	±0.03mm

Built-in wireless

Code	Range	Accuracy
1169-150WL	0-150mm/0-6"	±0.03mm



DIGITAL POINT CALIPERS

DATA OUTPUT

- Pointed jaws fit into small grooves and recesses
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



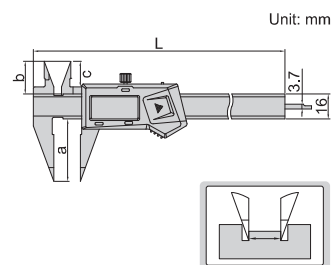
1183-150A

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy	L	a	b	c
1183-150A	0-150mm/0-6"	±0.03mm	236mm	40mm	21mm	16.5mm
1183-200A	0-200mm/0-8"	±0.03mm	286mm	50mm	24mm	19.5mm
1183-300A	0-300mm/0-12"	±0.03mm	400mm	60mm	25mm	21.5mm

Built-in wireless

Code	Range	Accuracy	L	a	b	c
1183-150AWL	0-150mm/0-6"	±0.03mm	236mm	40mm	21mm	16.5mm
1183-200AWL	0-200mm/0-8"	±0.03mm	286mm	50mm	24mm	19.5mm
1183-300AWL	0-300mm/0-12"	±0.03mm	400mm	60mm	25mm	21.5mm



DIGITAL CALIPERS WITH KNIFE EDGE LOWER JAWS

DATA OUTPUT

- Measure diameter of narrow grooves
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



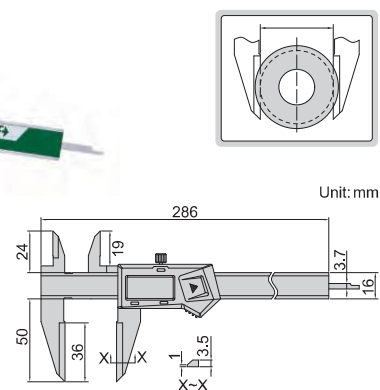
1532-200

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1532-200	0-200mm/0-8"	±0.03mm

Built-in wireless

Code	Range	Accuracy
1532-200WL	0-200mm/0-8"	±0.03mm



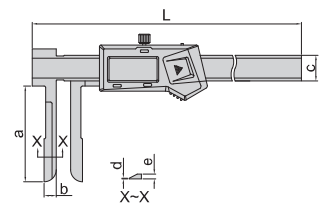
DIGITAL INSIDE KNIFE-EDGE CALIPERS

DATA OUTPUT

- Measure diameter of deep step holes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1123-150A

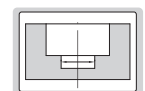


With data interface

Code	Range	Accuracy	L	a	b	c	d	e	Data output cable (optional)
1123-150A	15-150mm/0.6-6"	±0.05mm	250	60	12	16	0.3	3.5	7315-21, 7302-21
1123-200A	20-200mm/0.8-8"	±0.06mm	305	100	17	16	0.3	3.5	7315-21, 7302-21
1123-300A	24-300mm/0.9-12"	±0.06mm	500	150	22	24	0.5	3.5	7315-22, 7302-22

Built-in wireless

Code	Range	Accuracy	L	a	b	c	d	e
1123-150AWL	15-150mm/0.6-6"	±0.05mm	250	60	12	16	0.3	3.5
1123-200AWL	20-200mm/0.8-8"	±0.06mm	305	100	17	16	0.3	3.5



DATA OUTPUT

DIGITAL CALIPERS WITH LONG UPPER JAWS

- Long upper jaws for measuring diameter of deep holes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



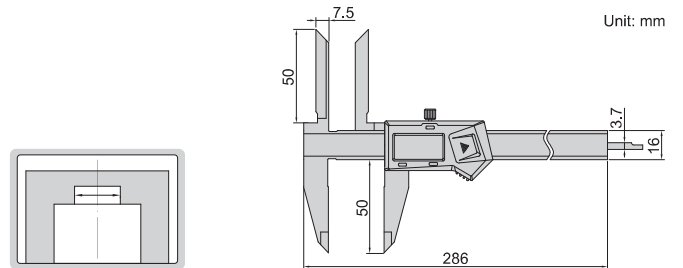
1138-200

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1138-200	0-200mm/0-8"	±0.04mm

Built-in wireless

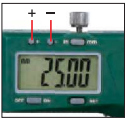
Code	Range	Accuracy
1138-200WL	0-200mm/0-8"	±0.04mm



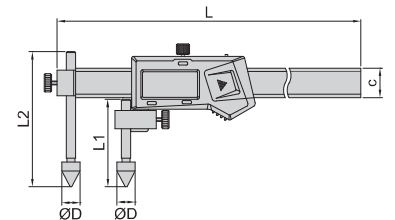
DATA OUTPUT

DIGITAL OFFSET CENTERLINE CALIPERS

preset buttons



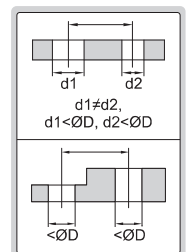
1192-150A



- Measure hole center distance in the same or offset planes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

With data interface

Code	Range	Accuracy	c	ØD	L1	L2	L	Data output cable (optional)
1192-150A	10-150mm/0.4-6"	±0.05mm	16	10	46	79	236	7315-21, 7302-21
1192-200A	10-200mm/0.4-8"	±0.07mm	16	10	46	79	286	7315-21, 7302-21
1192-300A	10-300mm/0.4-12"	±0.09mm	16	10	46	79	396	7315-21, 7302-21
1192-500A	20-500mm/0.8-20"	±0.09mm	24	20	52	112	725	7315-22, 7302-22
1192-1000A	30-1000mm/1.2-40"	±0.12mm	31	30	52	112	1255	7315-22, 7302-22
1192-1500A	30-1500mm/1.2-60"	±0.15mm	42	30	52	112	1805	—



Built-in wireless

Code	Range	Accuracy	c	ØD	L1	L2	L
1192-150AWL	10-150mm/0.4-6"	±0.05mm	16	10	46	79	236
1192-200AWL	10-200mm/0.4-8"	±0.07mm	16	10	46	79	286
1192-300AWL	10-300mm/0.4-12"	±0.09mm	16	10	46	79	396
1192-500AWL	20-500mm/0.8-20"	±0.09mm	24	20	52	112	725

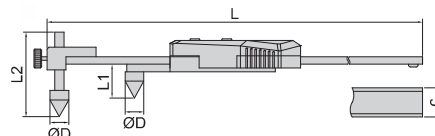
DIGITAL BACK-JAW CENTERLINE CALIPERS

DATA OUTPUT

- Measure hole center distance in the same or offset planes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1177-200



With data interface

(mm)

Code	Range	Accuracy	ØD	c	L1	L2	L	Data output cable (optional)
1177-200	10-200mm/0.4-8"	±0.10mm	10	16	18	45	310	7315-21, 7302-21
1177-300	10-300mm/0.4-12"	±0.10mm	10	16	18	45	410	7315-21, 7302-21
1177-500	20-500mm/0.8-20"	±0.10mm	20	24	26	70	692	7315-22, 7302-22
1177-1000	30-1000mm/1.2-40"	±0.12mm	30	31	39	70	1242	7315-22, 7302-22
1177-1500	30-1500mm/1.2-60"	±0.15mm	30	31	39	70	1745	7315-22, 7302-22

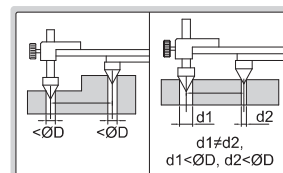
back-jaw



Built-in wireless

(mm)

Code	Range	Accuracy	ØD	c	L1	L2	L
1177-200WL	10-200mm/0.4-8"	±0.10mm	10	16	18	45	310
1177-300WL	10-300mm/0.4-12"	±0.10mm	10	16	18	45	410
1177-500WL	20-500mm/0.8-20"	±0.10mm	20	24	26	70	692



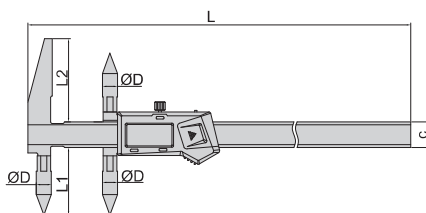
DIGITAL CENTERLINE AND EDGE TO CENTER CALIPERS

DATA OUTPUT

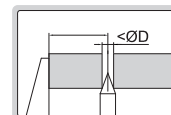


1525-300

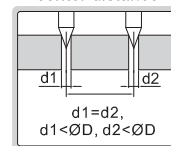
- Measure hole center distance or edge to hole center distance
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



measure edge to hole center distance



measure hole center distance



With data interface

(mm)

Code	Range of upper jaw (edge to center)	Range of lower jaw (center to center)	Accuracy	ØD	L1	L2	c	L	Data output cable (optional)
1525-300	5-300mm/0.2-12"	10-300mm/0.4-12"	±0.08mm	10	44.5	55	17	410	7315-21, 7302-21
1525-3001	10-300mm/0.4-12"	20-300mm/0.8-12"	±0.08mm	20	50	55	17	410	7315-21, 7302-21
1525-500	10-500mm/0.4-20"	20-500mm/0.8-20"	±0.09mm	20	40	50	24	690	7315-22, 7302-22
1525-1000	15-1000mm/0.6-40"	30-1000mm/1.2-40"	±0.12mm	30	60	70	31	1255	7315-22, 7302-22
1525-1500	15-1500mm/0.6-60"	30-1500mm/1.2-60"	±0.15mm	30	60	70	31	1760	7315-22, 7302-22

Built-in wireless

(mm)

Code	Range of upper jaw (edge to center)	Range of lower jaw (center to center)	Accuracy	ØD	L1	L2	c	L
1525-300WL	5-300mm/0.2-12"	10-300mm/0.4-12"	±0.08mm	10	44.5	55	17	410
1525-3001WL	10-300mm/0.4-12"	20-300mm/0.8-12"	±0.08mm	20	50	55	17	410
1525-500WL	10-500mm/0.4-20"	20-500mm/0.8-20"	±0.09mm	20	40	50	24	690

DATA OUTPUT

DIGITAL BACK-JAW EDGE TO CENTER CALIPERS

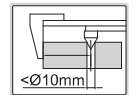
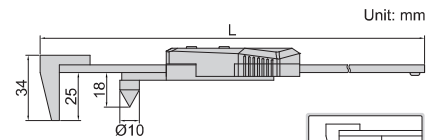
- Measure edge to hole center distance
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



1524-200



Unit: mm



Code	Range	Accuracy	L
1524-200	5-200mm/0.2-8"	±0.1mm	310mm
1524-300	5-300mm/0.2-12"	±0.1mm	410mm

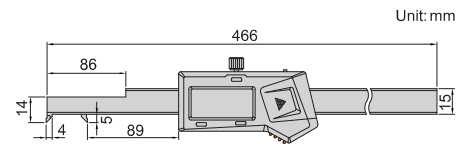
DATA OUTPUT

DIGITAL HOOK CALIPERS



1122-300

- Measure width and distance of grooves inside bores
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



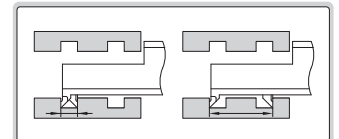
Unit: mm

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1122-300	4-300mm/0.16-12"	±0.04mm

Built-in wireless

Code	Range	Accuracy
1122-300WL	4-300mm/0.16-12"	±0.04mm



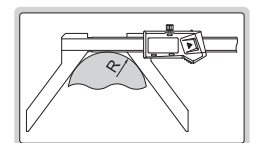
DATA OUTPUT

DIGITAL ARC RADIUS CALIPERS

- Measure the radius of arc less than half round
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1189-150B

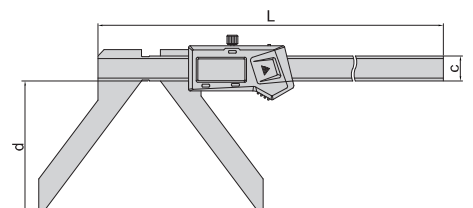


With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range (R)	Accuracy	L	c	d
1189-150B	5-150mm/0.2-6"	±0.05mm	263mm	16mm	65mm
1189-200B	5-200mm/0.2-8"	±0.07mm	313mm	16mm	85mm

Built-in wireless

Code	Range (R)	Accuracy	L	c	d
1189-150BWL	5-150mm/0.2-6"	±0.05mm	263mm	16mm	65mm
1189-200BWL	5-200mm/0.2-8"	±0.07mm	313mm	16mm	85mm



DIGITAL CALIPERS WITH ONE DIRECTION UPPER JAWS

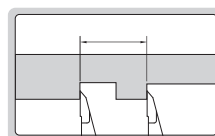
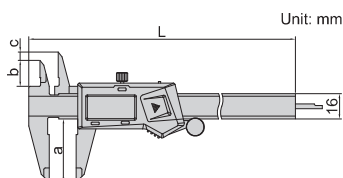


1184-200

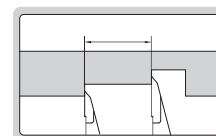


1184-150A

- Resolution: 0.01mm/0.0005"
- Buttons: zero, power on/off, inch/mm
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-21, 7302-21)



jaws with same height used for measuring the distance in same level



jaws with different height used for measuring the distance in different level

Jaws with same height (mm)

Code	Range	Accuracy	L	a	b	c
1184-150	0-150mm/0-6"	±0.03mm	236	40	17	0
1184-200	0-200mm/0-8"	±0.03mm	286	50	20	0
1184-300	0-300mm/0-12"	±0.03mm	400	60	22	0

Jaws with different height (mm)

Code	Range	Accuracy	L	a	b	c
1184-150A	0-150mm/0-6"	±0.03mm	236	40	17	5
1184-200A	0-200mm/0-8"	±0.03mm	286	50	20	8
1184-300A	0-300mm/0-12"	±0.03mm	400	60	22	10

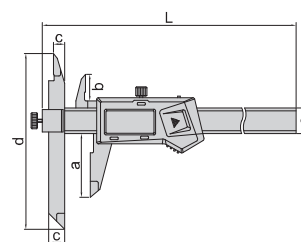
DIGITAL OFFSET CALIPERS

DATA OUTPUT



1186-150A

- The left jaw can slide up and down to facilitate measurement of stepped sections
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

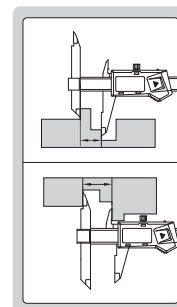


With data interface (data output cable code 7315-21, 7302-21, optional) (mm)

Code	Range	Accuracy	L	a	b	c	d	e	f
1186-150A	0-150mm/0-6"	±0.04mm	249	40	16.5	10	110	17	7
1186-200A	0-200mm/0-8"	±0.04mm	299	50	19.5	10	120	17	7
1186-300A	0-300mm/0-12"	±0.05mm	399	60	20.5	10	130	17	7

Built-in wireless (mm)

Code	Range	Accuracy	L	a	b	c	d	e	f
1186-150AWL	0-150mm/0-6"	±0.04mm	249	40	16.5	10	110	17	7
1186-200AWL	0-200mm/0-8"	±0.04mm	299	50	19.5	10	120	17	7
1186-300AWL	0-300mm/0-12"	±0.05mm	399	60	20.5	10	130	17	7



DATA OUTPUT

DIGITAL TUBE THICKNESS CALIPERS

- Measure wall thickness of tubes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



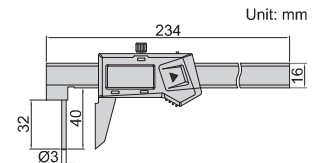
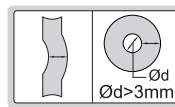
1161-150A

With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1161-150A	0-150mm/0-6"	±0.05mm

Built-in wireless

Code	Range	Accuracy
1161-150AWL	0-150mm/0-6"	±0.05mm

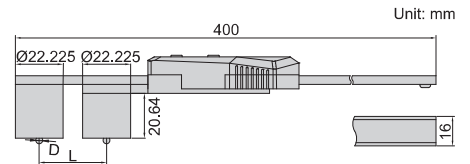


DATA OUTPUT

DIGITAL CALIPER WITH INTERCHANGEABLE BALL TIPS



1527-3001

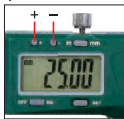


back-jaw



ball tips are optional

preset buttons

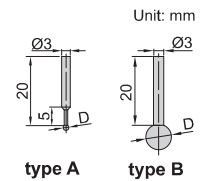


Ball tips (optional, supplied in pair)



1527-T101

1527-T104



type A

type B

- Resolution 0.01mm/.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: ball tips, data output cable (code 7315-21, 7302-21)

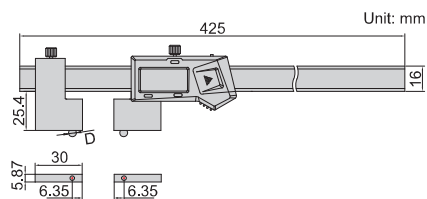
Code	Range	Accuracy
1527-3001	(22.22+D)~300mm*	±0.03mm

*"D" is the diameter of ball tips.

Code	Diameter (D)	Accuracy of diameter	Type	Material
1527-T101	1/16" (Ø1.5875mm)	±0.005mm	A	Ruby
1527-T102	1/8" (Ø3.175mm)	±0.005mm	B	Stainless steel
1527-T103	3/16" (Ø4.7625mm)	±0.005mm	B	Stainless steel
1527-T104	1/4" (Ø6.35mm)	±0.005mm	B	Stainless steel
1527-T105	3/8" (Ø9.525mm)	±0.005mm	B	Stainless steel
1527-T106	1/2" (Ø12.7mm)	±0.005mm	B	Stainless steel

DIGITAL CALIPER WITH INTERCHANGEABLE BALL TIPS

DATA OUTPUT



ball tips are optional **1528-3001**

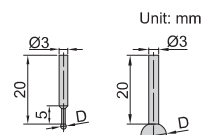
- Resolution 0.01mm/0.0005"
- Buttons: on/off, set, mm/inch, preset (+, -)
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, data output
- Made of stainless steel
- Optional accessory: ball tips, data output cable (code **7315-21**, **7302-21**)



Ball tips (optional, supplied in pair)



1527-T101 **1527-T104**



type A type B

Code	Diameter (D)	Accuracy of diameter	Type	Material
1527-T101	1/16" (Ø1.5875mm)	±0.005mm	A	Ruby
1527-T102	1/8" (Ø3.175mm)	±0.005mm	B	Stainless steel
1527-T103	3/16" (Ø4.7625mm)	±0.005mm	B	Stainless steel
1527-T104	1/4" (Ø6.35mm)	±0.005mm	B	Stainless steel
1527-T105	3/8" (Ø9.525mm)	±0.005mm	B	Stainless steel
1527-T106	1/2" (Ø12.7mm)	±0.005mm	B	Stainless steel

Code	Range	Accuracy
1528-3001	(12.7+D)~300mm*	±0.03mm

*"D" is the diameter of ball tips.

DIGITAL RTJ RING GROOVE CALIPERS

DATA OUTPUT

- Measure ring grooves of flange
- Resolution: 0.01mm/0.0005"
- Button function: on/off, set, zero, mm/inch, data preset
- Battery CR2032
- Made of stainless steel

preset buttons



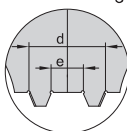
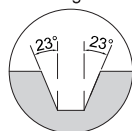
1179-300
type A



1179-600
type B

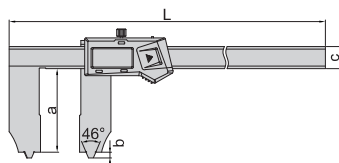
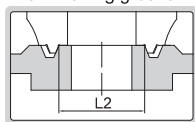
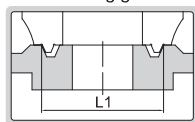
applicable for RTJ ring grooves with angle 23°

d and e need to be added on the reading

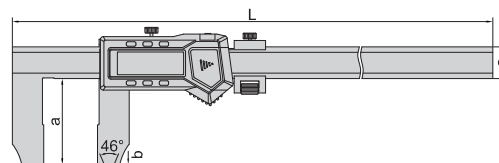


measure outside diameter of RTJ ring groove

measure inside diameter of RTJ ring groove



type A



type B

With data interface

Code	Range (inside diameter of RTJ ring groove)	Range (outside diameter of RTJ ring groove)	Angle of RTJ ring groove	Accuracy	Type	L	a	b	c	d	e	Data output cable (optional)
1179-300	10-300mm/0.4-12"	25-300mm/1-12"	23°	±0.06mm	A	410	63.5	4.5	17	25	10	7315-21 , 7302-21
1179-600	10-600mm/0.4-24"	25-600mm/1-24"	23°	±0.07mm	B	770	65.5	4.5	24	25	10	7315-22 , 7302-22
1179-1000	15-1000mm/0.6-40"	30-1000mm/1.2-40"	23°	±0.09mm	B	1220	90	5	31	30	15	7315-22 , 7302-22

Built-in wireless

Code	Range (inside diameter of RTJ ring groove)	Range (outside diameter of RTJ ring groove)	Angle of RTJ ring groove	Accuracy	Type	L	a	b	c	d	e
1179-300WL	10-300mm/0.4-12"	25-300mm/1-12"	23°	±0.06mm	A	410	63.5	4.5	17	25	10
1179-600WL	10-600mm/0.4-24"	25-600mm/1-24"	23°	±0.07mm	B	770	65.5	4.5	24	25	10

RELATIVE PRODUCT: CRIMP HEIGHT
MICROMETER (CODE 3266-25BA, 3566-25BA)

DATA
OUTPUT

DIGITAL CRIMP HEIGHT CALIPERS

- Measure crimp height
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032, meet DIN862
- Made of stainless steel

With data interface (data output cable
code 7315-21, 7302-21, optional)

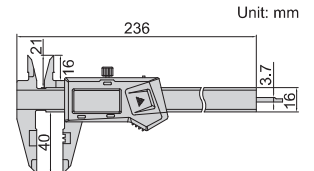
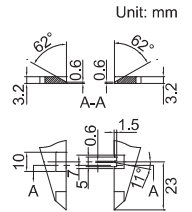
Code	Range	Accuracy
1165-150A	0-150mm/0-6"	±0.03mm

Built-in wireless

Code	Range	Accuracy
1165-150AWL	0-150mm/0-6"	±0.03mm



1165-150A



DATA
OUTPUT

DIGITAL CALIPERS WITH LARGE MEASURING FACES

- Measure diameter of wire ropes, and thickness of soft materials like rubber, sponge, etc.
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

With data interface (data output cable
code 7315-21, 7302-21, optional)

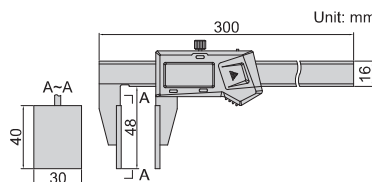
Code	Range	Accuracy
1172-200	0-200mm/0-8"	±0.07mm

Built-in wireless

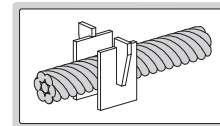
Code	Range	Accuracy
1172-200WL	0-200mm/0-8"	±0.07mm



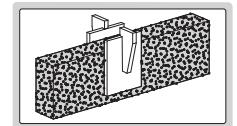
1172-200



measure diameter
of wire ropes



measure thickness of
rubber, sponge, etc.



DATA
OUTPUT

DIGITAL CALIPERS WITH DISK FACES

- Measure thickness of soft sheets
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

With data interface

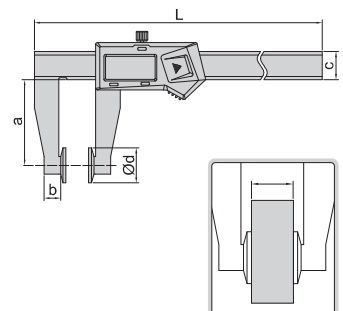
Code	Range	Accuracy	L	a	b	c	Ød	Data output cable (optional)
1533-150	0-150mm/0-6"	±0.04mm	245	50	11	16	20	7315-21, 7302-21
1533-200	0-200mm/0-8"	±0.05mm	310	80	11	16	30	7315-21, 7302-21
1533-500	0-500mm/0-20"	±0.07mm	680	150	20	24	50	7315-22, 7302-22

Built-in wireless

Code	Range	Accuracy	L	a	b	c	Ød
1533-150WL	0-150mm/0-6"	±0.04mm	245	50	11	16	20
1533-200WL	0-200mm/0-8"	±0.05mm	310	80	11	16	30
1533-500WL	0-500mm/0-20"	±0.07mm	680	150	20	24	50

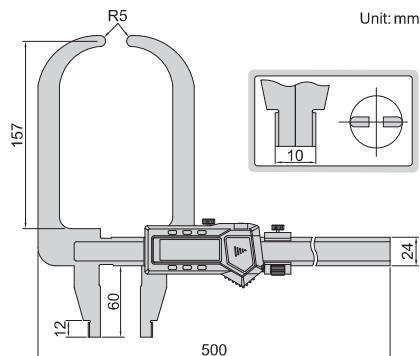


1533-150



DIGITAL WALL THICKNESS CALIPERS

DATA OUTPUT



1536-300

With data interface (data output cable code 7315-22, 7302-22, optional)

Code	Range	Accuracy
1536-300	0-300mm/0-12"	±0.05mm

Built-in wireless

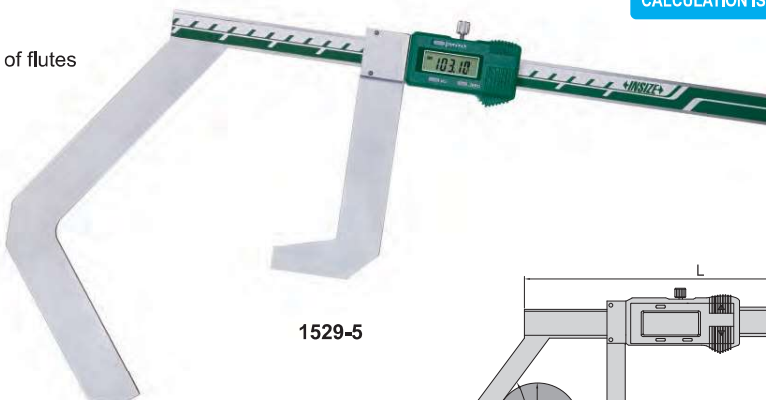
Code	Range	Accuracy
1536-300WL	0-300mm/0-12"	±0.05mm

- Measure wall thickness of helmets, domes and curved pots
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, ABS, data preset
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

DIGITAL V SHAPE CALIPERS

DIRECT READING, CALCULATION IS NOT REQUIRED

- Measure the outside diameter of odd number of flutes (such as taps, reamers, end mills and gears)
- Direct reading, calculation is not required
- Resolution: 0.01mm/0.0005"
- Buttons: mm/inch, on/off, origin set
- Battery LR44, automatic power off
- After automatic power off, move the digital unit to turn on power
- Data output
- Made of stainless steel
- Optional accessory: 50mm calibration cylinder (code 6316-50), data output cable (code 7302-SPC9)



1529-5

DATA OUTPUT

Code	Range (D)	Flutes	Accuracy	Angle α	L
1529-3	50-200mm/2-8"	3	±0.06mm	60°	390mm
1529-5	50-200mm/2-8"	5	±0.06mm	108°	318mm
1529-19	50-200mm/2-8"	19	±0.06mm	85°15'47"	336mm
1529-23	50-200mm/2-8"	23	±0.06mm	70°26'5"	362mm
1529-31	50-200mm/2-8"	31	±0.06mm	75°29'2"	355mm

data output cable (optional) code 7302-SPC9



50mm calibration cylinder (optional) code 6316-50



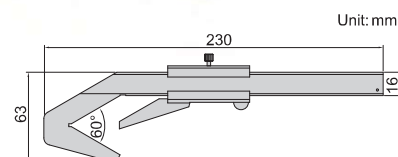
V SHAPE VERNIER CALIPER

- Measure outside diameter of three number of flutes (such as taps, reamers, end mills and gears)
- Made of stainless steel
- Satin chrome plated reading surface



1273-403

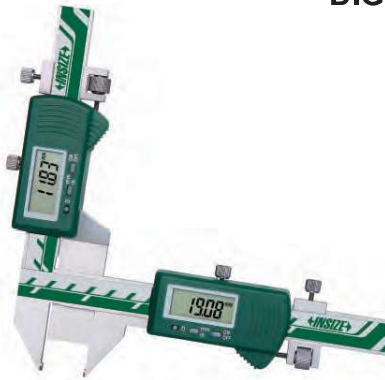
Code	Range	Graduation	Accuracy
1273-403	∅4-40mm	0.05mm	±0.05mm



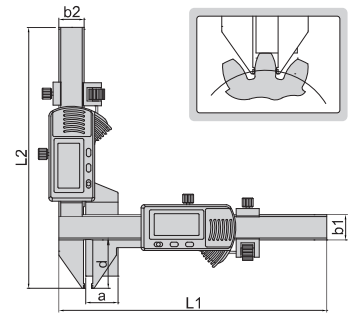
ATTENTION:
NO DATA OUTPUT

DIGITAL GEAR TOOTH CALIPERS

- Resolution: 0.01mm/0.0005"
- Carbide tips
- Buttons: zero, on/off, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

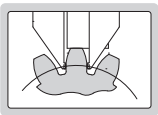


1181-M25A



Code	Range	Accuracy of height measurement	Accuracy of thickness measurement	Total accuracy	L1	L2	a	b1	b2	d
1181-M25A	M1-25mm	±0.03mm	±0.03mm	±0.04mm	170mm	165.5mm	21mm	16mm	16mm	30.5mm
1181-M50A	M5-50mm	±0.03mm	±0.03mm	±0.04mm	220mm	190mm	50.5mm	16mm	16mm	55mm

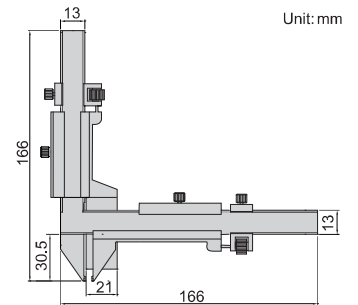
GEAR TOOTH VERNIER CALIPER



- Carbide tips
- Measure the tooth thickness by positioning the tooth height
- Made of stainless steel
- Satin chrome plated reading surface



1281-M26A



Code	Range	Graduation	Accuracy of height measurement	Accuracy of thickness measurement	Total accuracy
1281-M26A	M1-26mm	0.02mm	±0.03mm	±0.03mm	±0.04mm

RELATIVE PRODUCT: DISK BRAKE MICROMETER (CODE 3288-, 3588-)

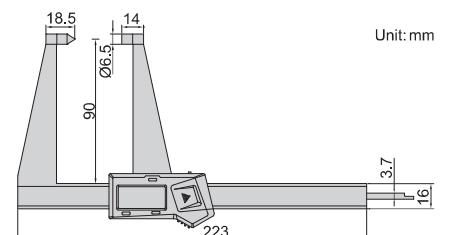
DATA OUTPUT

DIGITAL DISK BRAKE CALIPERS

- Measure thickness of disk brakes
- Resolution 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1162-125A



With data interface (data output cable code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1162-125A	0-125mm/0-5"	±0.05mm

Built-in wireless

Code	Range	Accuracy
1162-125AWL	0-125mm/0-5"	±0.05mm

DIGITAL DISK BRAKE AND PAD CALIPERS

RELATIVE PRODUCT: DISK BRAKE
MICROMETER (CODE 3288-, 3588-)

DATA
OUTPUT

2

- Measure thickness of disk brakes and pad wear
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



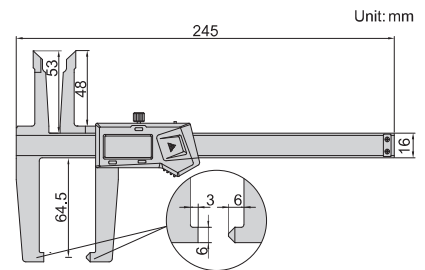
1167-150A

With data interface (data output cable
code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1167-150A	0-150mm/0-6"	±0.07mm

Built-in wireless

Code	Range	Accuracy
1167-150AWL	0-150mm/0-6"	±0.07mm



Unit: mm

DIGITAL DRUM BRAKE CALIPERS

RELATIVE PRODUCT: DISK BRAKE
MICROMETER (CODE 3288-, 3588-)

DATA
OUTPUT



1168-300A

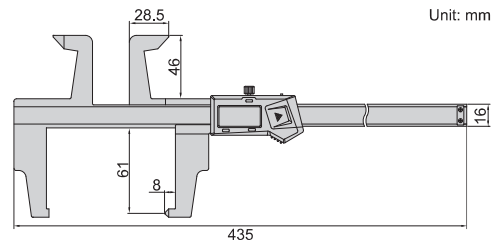
- Measure internal and external diameter of drum brakes
- Resolution 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel

With data interface (data output cable
code 7315-21, 7302-21, optional)

Code	Range	Accuracy
1168-300A	0-300mm/0-12"	±0.07mm

Built-in wireless

Code	Range	Accuracy
1168-300AWL	0-300mm/0-12"	±0.07mm



Unit: mm

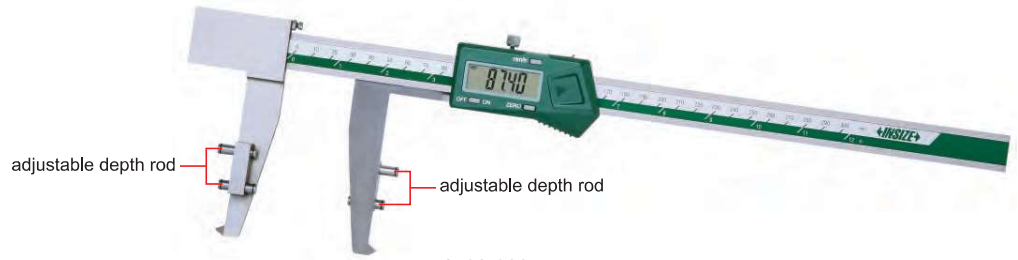


DATA OUTPUT

DIGITAL DRUM BRAKE CALIPER

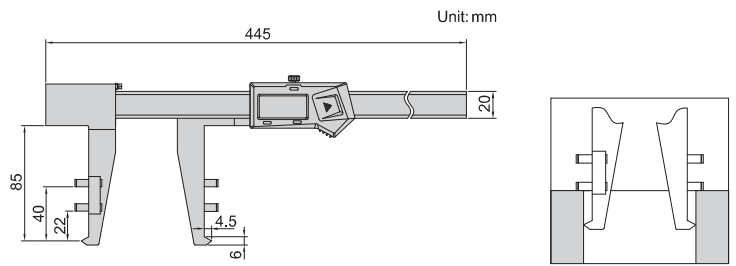
2
3

calibration block (included)



1538-300

- Measure internal diameter of drum brakes
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code 7315-22, 7302-22)



Code	Range	Accuracy
1538-300	30-300mm/1.2-12"	±0.05mm

ATTENTION: IT IS NECESSARY TO SET ZERO AFTER POWER ON EACH TIME

IP67 WATERPROOF DIGITAL DEPTH GAGES

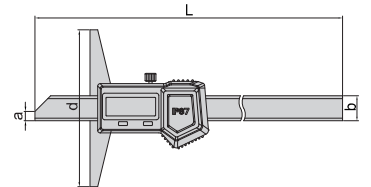
IP67 WATERPROOF

ATTENTION: NO DATA OUTPUT

- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Button function: zero, on/off, mm/inch, ABS/REL, hold
- Meet DIN862
- Battery CR2032
- Made of stainless steel



1149-150



Code	Range	Accuracy	L	a	b	d
1149-150	0-150mm/0-6"	±0.03mm	240mm	6mm	16mm	100mm
1149-200	0-200mm/0-8"	±0.03mm	290mm	6mm	16mm	100mm
1149-300	0-300mm/0-12"	±0.03mm	390mm	6mm	16mm	150mm

ATTENTION: NO DATA OUTPUT

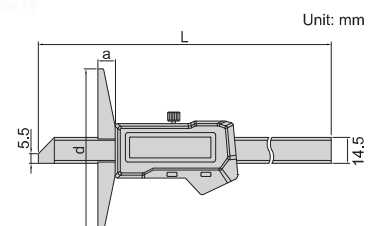
IP67 WATERPROOF

IP67 WATERPROOF DIGITAL DEPTH GAGES

- IP67 dust/waterproof
- Resolution: 0.01mm/0.0005"
- Large display
- Button function: zero, on/off, mm/inch
- Battery CR2032, automatic power off
- Meet DIN862
- Made of stainless steel



1541-150



Code	Range	Accuracy	L	a	d
1541-150	0-150mm/0-6"	±0.03mm	232.5mm	11mm	100mm
1541-200	0-200mm/0-8"	±0.03mm	285mm	11mm	100mm
1541-300	0-300mm/0-12"	±0.03mm	390mm	13.5mm	150mm