

DIAL CALIPERS



1312-150A

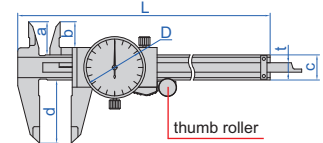
INSPECTION
CERTIFICATE

SHOCK
PROOF

- Shockproof dial indicator
- Made of stainless steel

Dial indicator graduation: 0.02mm

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

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

DIAL CALIPERS WITH CARBIDE TIPPED JAWS

carbide measuring faces



carbide measuring faces 1339-150

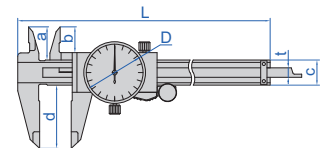
INSPECTION
CERTIFICATE

SHOCK
PROOF

- Shockproof dial indicator
- Dial indicator graduation: 0.02mm
- Carbide tipped jaws for inside and outside measurements
- Made of stainless steel

Code	Range	Accuracy	L	a	b	c	d	D	t
1339-150*	0-150mm	±0.03mm	235	21	16.5	16	40	Ø39	6.5
1339-200*	0-200mm	±0.03mm	288	24	19	16	48	Ø39	6.5
1339-300*	0-300mm	±0.03mm	410	28	22	20	62	Ø44.5	7.5

*Supplied with manufacturer inspection certificate



DIAL CALIPERS

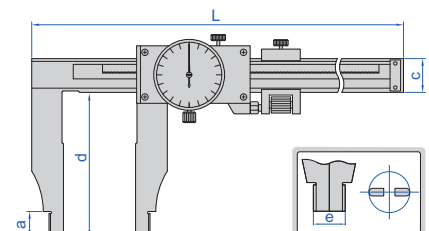


1316-500

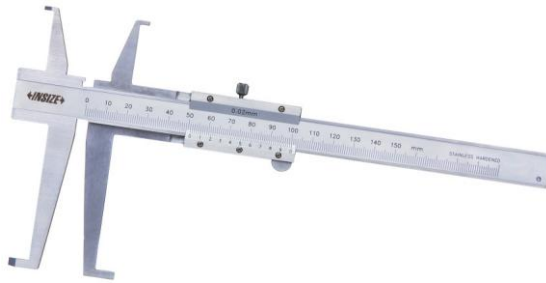
SHOCK
PROOF

- Shockproof dial indicator
- Dial indicator graduation: 0.02mm
- Made of stainless steel

Code	Range	Accuracy	a	c	d	e	L
1316-500	0-500mm	±0.05mm	18	21	90	20	650
1316-600	0-600mm	±0.05mm	18	21	90	20	750
1316-1000	0-1000mm	±0.07mm	24	28	150	20	1190
1316-1500	0-1500mm	±0.11mm	24	28	150	20	1690



INSIDE GROOVE CALIPERS



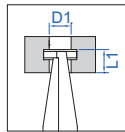
1199-150

depth stop 6143
(optional)



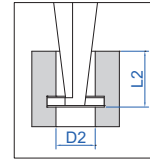
- Measure diameter of grooves inside bores
- Graduation: 0.02mm
- Made of stainless steel
- Optional accessory: depth stop (code 6143)

sizes to be measured
(use upper jaws)



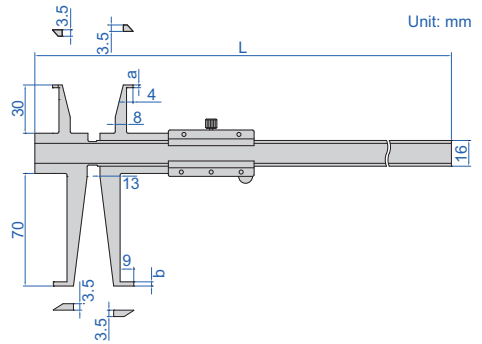
(mm)	
D1	L1
Ø9	<8
Ø10	<12
Ø11	<15
Ø12	<20
Ø13-300	<30

sizes to be measured
(use lower jaws)



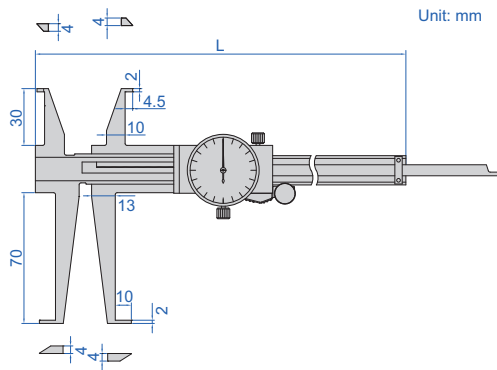
(mm)	
D2	L2
Ø18	<30
Ø19	<40
Ø20	<45
Ø21	<55
Ø22	<60
Ø23-300	<70

Code	Range of upper jaw	Range of lower jaw	Accuracy	L	a	b
1199-150	9-150mm	18-150mm	±0.04mm	248mm	1.6mm	2.5mm
1199-200	9-200mm	18-200mm	±0.05mm	298mm	1.8mm	2.8mm
1199-300	9-300mm	18-300mm	±0.06mm	398mm	2.0mm	3.0mm



INSIDE GROOVE DIAL CALIPERS

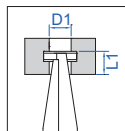
SHOCK PROOF



1376-150

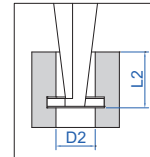
- Measure diameter of grooves inside bores
- Shockproof dial indicator
- Dial indicator graduation: 0.02mm
- Made of stainless steel
- Optional accessory: depth stop (code 6143)

sizes to be measured
(use upper jaws)



(mm)	
D1	L1
Ø11	<8
Ø12	<10
Ø13	<15
Ø14	<20
Ø15-300	<30

sizes to be measured
(use lower jaws)



(mm)	
D2	L2
Ø18	<20
Ø19	<28
Ø20	<35
Ø21	<40
Ø22	<50
Ø23-300	<70

Code	Range of upper jaw	Range of lower jaw	Accuracy	L
1376-150	11-150mm	18-150mm	±0.03mm	240mm
1376-200	11-200mm	18-200mm	±0.03mm	290mm
1376-300	11-300mm	18-300mm	±0.04mm	390mm

DIGITAL CALIPERS WITH LONG UPPER JAWS

DATA
OUTPUT

2

- Non waterproof
- 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



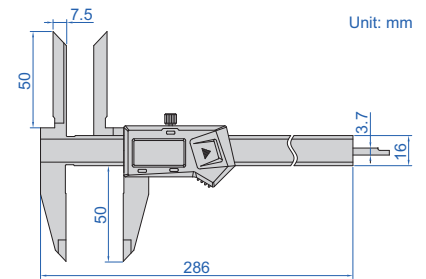
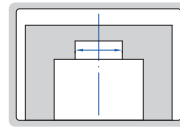
1138-200

With data interface (optional data output cable: code 7315-25 receiver is needed page 5, 7214-25 page 11, 7302-21 page 20)

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

Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

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



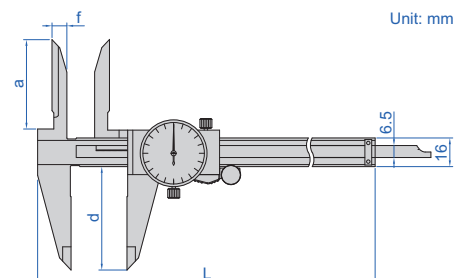
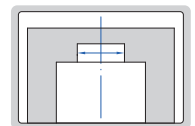
DIAL CALIPERS WITH LONG UPPER JAWS

SHOCK
PROOF



1338-300

- Long upper jaws for measuring diameter of deep holes
- Shockproof dial indicator
- Dial indicator graduation: 0.02mm
- Made of stainless steel



Code	Range	Accuracy	L	a	d	f
1338-150	0-150mm	±0.03mm	236	40	40	6.5
1338-200	0-200mm	±0.03mm	288	45	50	7.5
1338-300	0-300mm	±0.04mm	400	50	60	8