

## IP67 WATERPROOF DIGITAL DEPTH GAUGES

ATTENTION: NO DATA OUTPUT

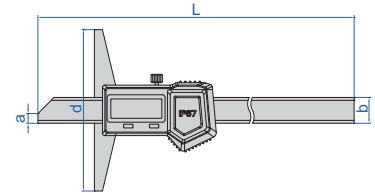
ATTENTION: IT IS NECESSARY TO SET ZERO AFTER POWER ON EACH TIME

**IP67**  
WATERPROOF

- 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

## DIGITAL DEPTH GAUGES (STANDARD TYPE)

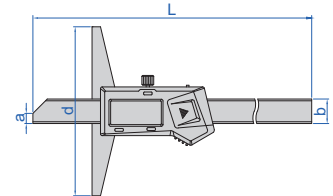
POPULAR MODEL

DATA OUTPUT

- Non waterproof
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862 (except 0-500mm/0-20", 0-1000mm/0-40", 0-1500mm/0-60")
- Battery CR2032
- Made of stainless steel



1141-150A



With data interface

Code	Range	Resolution	Accuracy	L	a	b	d	Data output cable (optional)
1141-150A	0-150mm/0-6"	0.01mm/0.0005"	±0.03mm	230	6	14.5	100	7315-25 (receiver is needed) page 5, 7214-25 page 11, 7302-21 page 20
1141-200A	0-200mm/0-8"	0.01mm/0.0005"	±0.03mm	280	6	14.5	100	
1141-300A	0-300mm/0-12"	0.01mm/0.0005"	±0.03mm	380	6	14.5	150	
1141-500A	0-500mm/0-20"	0.01mm/0.0005"	±0.05mm	585	7	15	150	7315-22 (receiver is needed) page 5, 7214-22 page 11, 7302-22 page 20
1141-5001A	0-500mm/0-20"	0.01mm/0.0005"	±0.05mm	585	7	15	200	
1141-1000A	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188	7	18	150	
1141-10001A	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188	7	18	200	
1141-10002A	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188	7	18	250	
1141-10003A	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188	7	18	300	
1141-1500A	0-1500mm/0-60"	0.01mm/0.0005"	±0.11mm	1695	7	18	200	

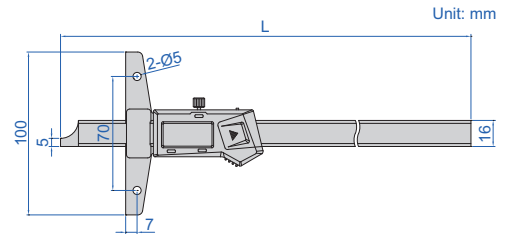
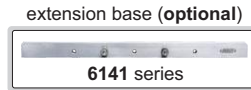
Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

Code	Range	Resolution	Accuracy	L	a	b	d
1141-150AWL	0-150mm/0-6"	0.01mm/0.0005"	±0.03mm	230mm	6mm	14.5mm	100mm
1141-200AWL	0-200mm/0-8"	0.01mm/0.0005"	±0.03mm	280mm	6mm	14.5mm	100mm
1141-300AWL	0-300mm/0-12"	0.01mm/0.0005"	±0.03mm	380mm	6mm	14.5mm	150mm
1141-500AWL	0-500mm/0-20"	0.01mm/0.0005"	±0.05mm	585mm	7mm	15mm	150mm
1141-5001AWL	0-500mm/0-20"	0.01mm/0.0005"	±0.05mm	585mm	7mm	15mm	200mm
1141-1000AWL	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188mm	7mm	18mm	150mm
1141-10001AWL	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188mm	7mm	18mm	200mm
1141-10002AWL	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188mm	7mm	18mm	250mm
1141-10003AWL	0-1000mm/0-40"	0.01mm/0.0005"	±0.07mm	1188mm	7mm	18mm	300mm
1141-1500AWL	0-1500mm/0-60"	0.01mm/0.0005"	±0.11mm	1695mm	7mm	18mm	200mm

**DATA  
OUTPUT**

## DIGITAL DEPTH GAUGES WITH MOUNTING HOLES FOR EXTENSION BASE

- Non waterproof
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Automatic power off, move the digital unit to turn on power
- Meet DIN862
- Battery CR2032
- Made of stainless steel
- Optional accessory:  
extension base (code 6141)


**1147-300**


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	L
1147-150	0-150mm/0-6"	±0.03mm	237mm
1147-200	0-200mm/0-8"	±0.03mm	287mm
1147-300	0-300mm/0-12"	±0.03mm	403mm
1147-500	0-500mm/0-20"	±0.05mm	605mm
1147-700	0-700mm/0-28"	±0.06mm	805mm

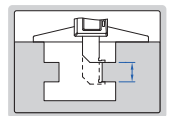
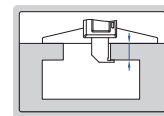
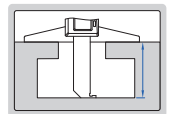
Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

Code	Range	Accuracy	L
1147-150WL	0-150mm/0-6"	±0.03mm	237mm
1147-200WL	0-200mm/0-8"	±0.03mm	287mm
1147-300WL	0-300mm/0-12"	±0.03mm	403mm
1147-500WL	0-500mm/0-20"	±0.05mm	605mm
1147-700WL	0-700mm/0-28"	±0.06mm	805mm

**DATA  
OUTPUT**

## DIGITAL HOOK DEPTH GAUGES

- Non waterproof
- 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

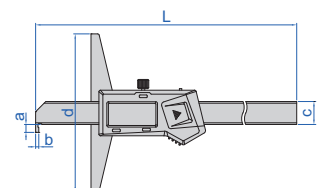

**1142-150A**


With data interface

Code	Range	Accuracy	L	d	a	b	c	Data output cable (optional)
1142-150A	0-150mm/0-6"	±0.03mm	230mm	100mm	5mm	2mm	14.5mm	7315-25 (receiver is needed) page 5, 7214-25 page 11, 7302-21 page 20
1142-200A	0-200mm/0-8"	±0.03mm	280mm	100mm	5mm	2mm	14.5mm	
1142-300A	0-300mm/0-12"	±0.04mm	380mm	150mm	5mm	2mm	14.5mm	
1142-500A	0-500mm/0-20"	±0.05mm	585mm	150mm	8mm	3mm	15mm	7315-22 (receiver is needed) page 5, 7214-22 page 11, 7302-22 page 20
1142-5001A	0-500mm/0-20"	±0.05mm	585mm	200mm	8mm	3mm	15mm	
1142-1000A	0-1000mm/0-40"	±0.07mm	1188mm	150mm	10mm	4mm	18mm	
1142-10001A	0-1000mm/0-40"	±0.07mm	1188mm	200mm	10mm	4mm	18mm	
1142-10002A	0-1000mm/0-40"	±0.07mm	1188mm	250mm	10mm	4mm	18mm	

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

Code	Range	Accuracy	L	d	a	b	c
1142-150AWL	0-150mm/0-6"	±0.03mm	230mm	100mm	5mm	2mm	14.5mm
1142-200AWL	0-200mm/0-8"	±0.03mm	280mm	100mm	5mm	2mm	14.5mm
1142-300AWL	0-300mm/0-12"	±0.04mm	380mm	150mm	5mm	2mm	14.5mm
1142-500AWL	0-500mm/0-20"	±0.05mm	585mm	150mm	8mm	3mm	15mm
1142-5001AWL	0-500mm/0-20"	±0.05mm	585mm	200mm	8mm	3mm	15mm
1142-1000AWL	0-1000mm/0-40"	±0.07mm	1188mm	150mm	10mm	4mm	18mm
1142-10001AWL	0-1000mm/0-40"	±0.07mm	1188mm	200mm	10mm	4mm	18mm
1142-10002AWL	0-1000mm/0-40"	±0.07mm	1188mm	250mm	10mm	4mm	18mm



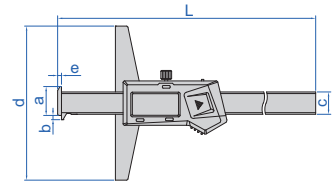
## DIGITAL DOUBLE HOOK DEPTH GAUGES

DATA OUTPUT

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



1144-150A



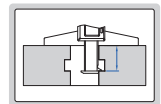
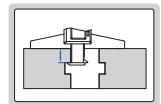
With data interface

(mm)

Code	Range	Accuracy	L	d	a	b	c	e	Data output cable (optional)
1144-150A	0-150mm/0-6"	±0.03mm	233	100	21.5	3.5	14.5	2.5	7315-25 (receiver is needed) page 5, 7214-25 page 11, 7302-21 page 20
1144-200A	0-200mm/0-8"	±0.03mm	283	100	21.5	3.5	14.5	2.5	
1144-300A	0-300mm/0-12"	±0.03mm	383	150	21.5	3.5	14.5	2.5	
1144-500A	0-500mm/0-20"	±0.05mm	585	150	25	5	15	3	7315-22 (receiver is needed) page 5, 7214-22 page 11, 7302-22 page 20
1144-5001A	0-500mm/0-20"	±0.05mm	585	200	25	5	15	3	
1144-1000A	0-1000mm/0-40"	±0.07mm	1188	150	32	7	18	4	
1144-10001A	0-1000mm/0-40"	±0.07mm	1188	200	32	7	18	4	
1144-10002A	0-1000mm/0-40"	±0.07mm	1188	250	32	7	18	4	

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

Code	Range	Accuracy	L	d	a	b	c	e
1144-150AWL	0-150mm/0-6"	±0.03mm	233mm	100mm	21.5mm	3.5mm	14.5mm	2.5mm
1144-200AWL	0-200mm/0-8"	±0.03mm	283mm	100mm	21.5mm	3.5mm	14.5mm	2.5mm
1144-300AWL	0-300mm/0-12"	±0.03mm	383mm	150mm	21.5mm	3.5mm	14.5mm	2.5mm
1144-500AWL	0-500mm/0-20"	±0.05mm	585mm	150mm	25mm	5mm	15mm	3mm
1144-5001AWL	0-500mm/0-20"	±0.05mm	585mm	200mm	25mm	5mm	15mm	3mm
1144-1000AWL	0-1000mm/0-40"	±0.07mm	1188mm	150mm	32mm	7mm	18mm	4mm
1144-10001AWL	0-1000mm/0-40"	±0.07mm	1188mm	200mm	32mm	7mm	18mm	4mm
1144-10002AWL	0-1000mm/0-40"	±0.07mm	1188mm	250mm	32mm	7mm	18mm	4mm



## DIGITAL DOUBLE HOOK DEPTH GAUGE

DATA OUTPUT

- Non waterproof
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, ABS/INC, data hold, TOL, set
- ABS/INC is for absolute and incremental measurement
- TOL is for tolerance measurement
- Made of stainless steel
- LR44 battery, data output
- Supplied with gauge block for zero setting
- Optional accessory: extension base, wireless transmitter code 7315-1150 (receiver is needed) page 7, data output cable (keyboard format) code 7302-SPC7 page 22

Code	Range	Accuracy
1540-300	0-300mm/0-12"	±0.04mm

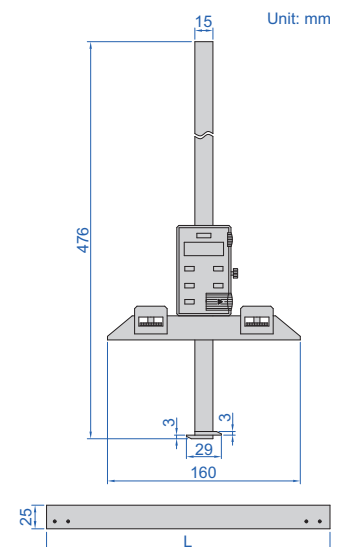
Extension base (optional)

Code	L
1540-L300	300mm
1540-L400	400mm
1540-L500	500mm
1540-L600	600mm
1540-L800	800mm

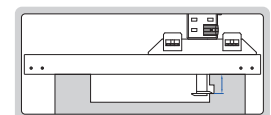
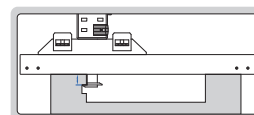
gauge block for zero setting (included)



1540-300



Unit: mm





MEASURE DEPTH OF SMALL HOLES (>Ø4mm)

DATA OUTPUT

## DIGITAL DEPTH GAUGES WITH ROUND DEPTH BAR

MEASURE WIDTH AND DEPTH OF GROOVES INSIDE BORE

- Non waterproof
- Resolution: 0.01mm/0.0005"
- Supplied with three interchangeable points (flat, spherical, disk)
- 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: extension base (code 6141, for 1148-120, 1148-120WL, 1148-200, 1148-200WL, 1148-300 and 1148-300WL)



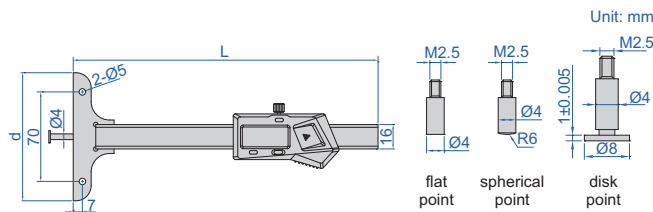
1148-100S



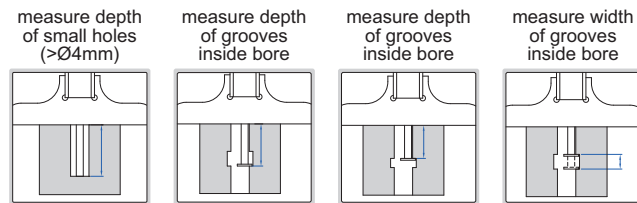
1148-120



1148-200



Unit: mm  
flat point    spherical point    disk point



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	L	d	Remark
1148-100S	0-100mm/0-4"	±0.02mm	200mm	45mm	
1148-100	0-100mm/0-4"	±0.02mm	200mm	85mm	
1148-120	0-120mm/0-4.7"	±0.03mm	300mm	101mm	one-hand use, with mounting holes for extension base
1148-200	0-200mm/0-8"	±0.03mm	300mm	101mm	with mounting holes for extension base
1148-300	0-300mm/0-12"	±0.04mm	400mm	101mm	with mounting holes for extension base

one-hand use of 1148-120 and 1148-120WL



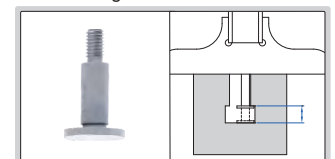
extension base for 1148-120, 1148-120WL, 1148-200, 1148-200WL, 1148-300 and 1148-300WL (optional)



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

Code	Range*	Accuracy	L	d	Remark
1148-100SWL	0-100mm/0-4"	±0.02mm	200mm	45mm	
1148-100WL	0-100mm/0-4"	±0.02mm	200mm	85mm	
1148-120WL	0-120mm/0-4.7"	±0.03mm	300mm	101mm	one-hand use, with mounting holes for extension base
1148-200WL	0-200mm/0-8"	±0.03mm	300mm	101mm	with mounting holes for extension base
1148-300WL	0-300mm/0-12"	±0.04mm	400mm	101mm	with mounting holes for extension base

1148-P103 (optional), measure width of bottom grooves inside blind hole

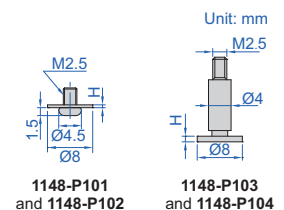


\*When disk points are used, the range is reduced by 10mm

### OPTIONAL DISK POINTS

Code	Description	H	Remark
1148-P101	0.5mm disk point	0.5±0.005mm	for narrow grooves
1148-P102	0.7mm disk point	0.7±0.005mm	for narrow grooves
1148-P103	1mm disk point	1±0.005mm	for grooves inside blind hole
1148-P104	0.5mm disk point	0.5±0.005mm	for grooves inside blind hole

1148-P101 (optional)



1148-P101 and 1148-P102

1148-P103 and 1148-P104

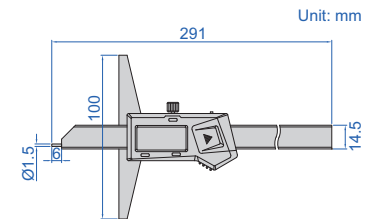
## DIGITAL POINT DEPTH GAUGES

DATA OUTPUT

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



1143-200A

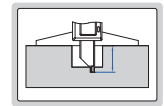


With data interface (optional data output cable: code 7315-25 receiver is needed page 5, 7214-25 page 11, 7302-21 page 20)

Code	Range	Accuracy
1143-200A	0-200mm/0-8"	±0.03mm

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

Code	Range	Accuracy
1143-200AWL	0-200mm/0-8"	±0.03mm



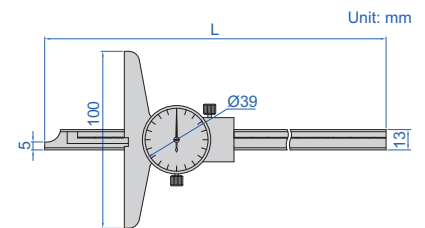
## DIAL DEPTH GAUGES

SHOCK PROOF

- Shockproof dial indicator
- Made of stainless steel



1340-150

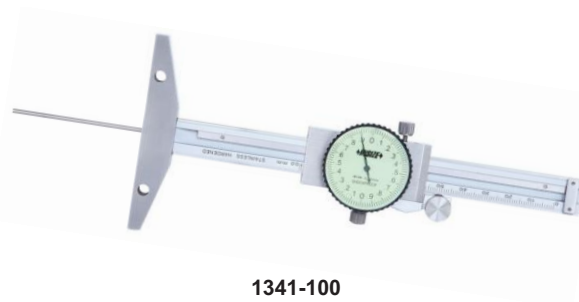


Code	Range	Graduation	Accuracy	L
1340-150	0-150mm	0.02mm	±0.03mm	232mm
1340-200	0-200mm	0.02mm	±0.03mm	282mm
1340-300	0-300mm	0.02mm	±0.04mm	382mm

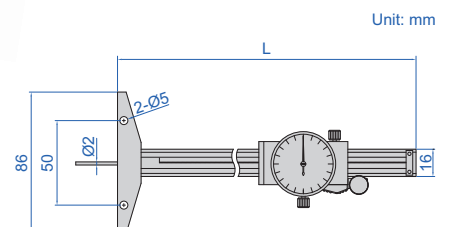
## DIAL DEPTH GAUGES WITH ROUND BAR

SHOCK PROOF

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



1341-100



Code	Range	Accuracy	L
1341-100	0-100mm	±0.02mm	181mm
1341-150	0-150mm	±0.03mm	234mm
1341-200	0-200mm	±0.03mm	284mm

### MINI DIGITAL DEPTH GAUGES

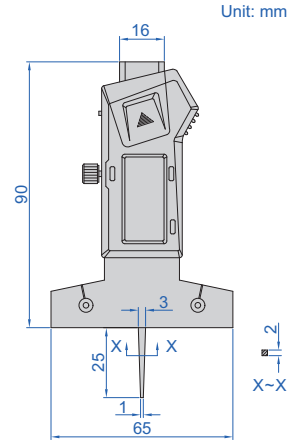
DATA OUTPUT



- Non waterproof
- Measure depth of small groove and hole, also measure depth of tire tread
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch
- Supplied with zero set surface
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel



1145-25A



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
1145-25A	0-25mm/0-1"	±0.03mm

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

Code	Range	Accuracy
1145-25AWL	0-25mm/0-1"	±0.03mm

### MINI DIGITAL DEPTH GAUGES WITH ROUND BAR

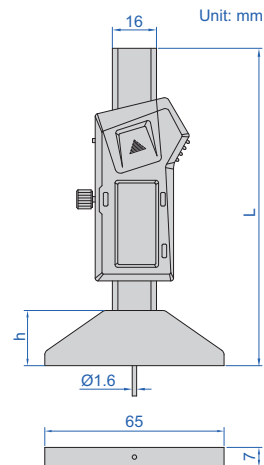
DATA OUTPUT



- Non waterproof
- Measure depth of small groove and hole
- 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



1140-25



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	L	h
1140-25	0-25mm/0-1"	±0.02mm	114mm	20mm
1140-50	0-50mm/0-2"	±0.02mm	140mm	20mm
1140-100	0-100mm/0-4"	±0.02mm	190mm	20mm
1140-150	0-150mm/0-6"	±0.03mm	236mm	16mm

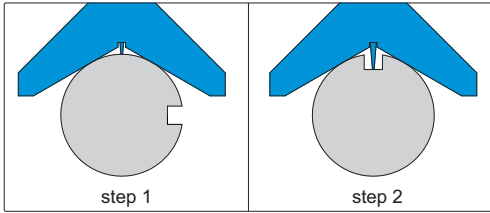
Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

Code	Range	Accuracy	L	h
1140-25WL	0-25mm/0-1"	±0.02mm	114mm	20mm
1140-50WL	0-50mm/0-2"	±0.02mm	140mm	20mm
1140-100WL	0-100mm/0-4"	±0.02mm	190mm	20mm
1140-150WL	0-150mm/0-6"	±0.03mm	236mm	16mm



DATA  
OUTPUT

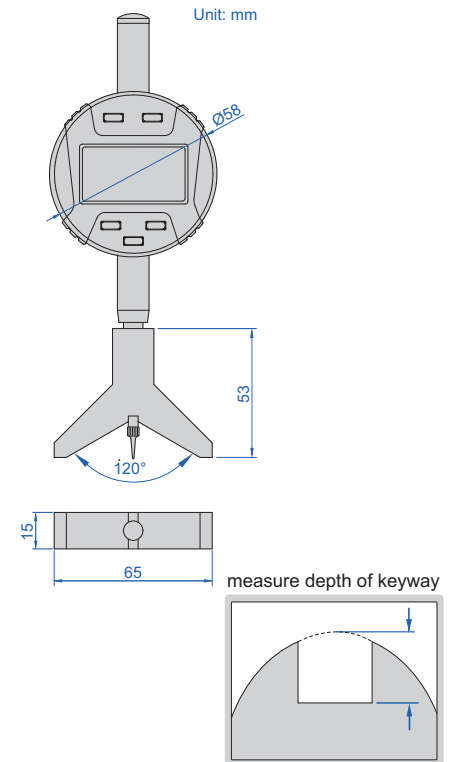
## DIGITAL KEYWAY DEPTH GAUGE



- Measure keyway depth of cylindrical workpieces with diameter  $\varnothing 10-100\text{mm}$
- Button function: on/off, zero, inch/metric conversion, absolute/incremental measurement, data preset, measuring direction change
- CR2032 battery, automatic power off (time is adjustable)
- Data output
- Stainless steel base
- Pointed tip
- Optional accessory:  
wireless transmitter code **7315-50M** (receiver is needed) page 6,  
bluetooth transmitter code **7214-50M** page 12,  
data output cable code **7302-40M** page 21



2182-25

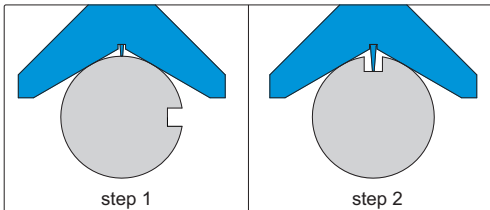


Code	Range	Resolution	Accuracy
2182-25	0-25.4mm/0-1"	0.01mm/0.0005"	$\pm 0.02\text{mm}$

9



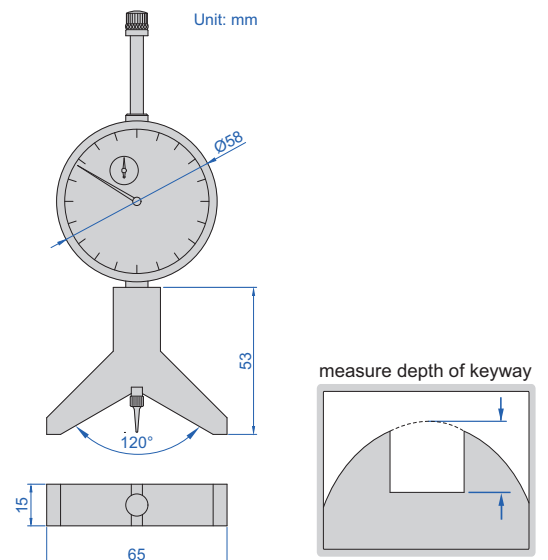
## DIAL KEYWAY DEPTH GAUGE



- Measure keyway depth of cylindrical workpieces with diameter  $\varnothing 10-100\text{mm}$
- Stainless steel base
- Pointed tip

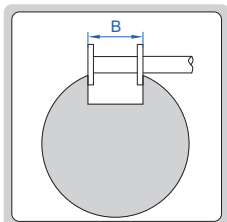


2189-30



Code	Range	Graduation	Accuracy
2189-30	0-30mm	0.01mm	$\pm 0.03\text{mm}$

measure width of keyway



## GROOVE MICROMETERS



3287-50B

REFER TO PAGE 153  
FOR DETAILS