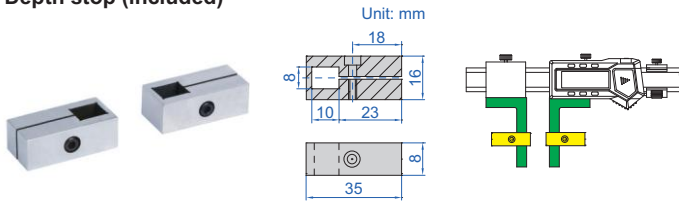
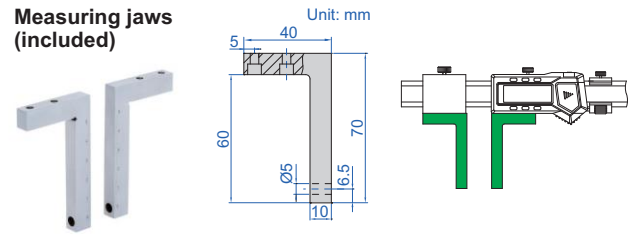


Continued from previous page

Depth stop (included)



Measuring jaws (included)



Multifunctional points 7392* (optional, page 52)



*It is necessary to use point sleeve (code 1125-T104) for these points

Ball points 7391* (optional, page 52)



Screw thread points 7381*, 7321* (optional, page 52)



DIGITAL CALIPERS WITH INTERCHANGEABLE POINTS

DATA OUTPUT

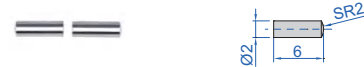


1526-200

- Non waterproof
- 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
- Made of stainless steel
- Optional accessory: points



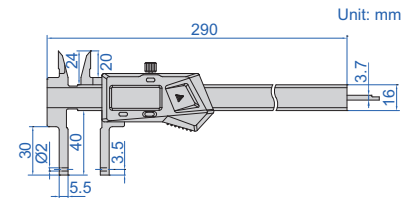
short spherical points (included) Unit: mm



long spherical/flat points (included) Unit: mm



spherical blade points (included) Unit: mm



With data interface

Code	Data output cable (optional)
1526-200	7315-25 (receiver is needed) page 5, 7214-25 page 11, 7302-21 page 20

Built-in wireless

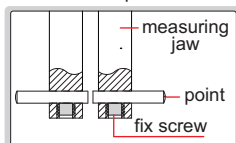
Code	Receiver (optional)
1526-200WL	code 7315-2/3/6/7/8/9

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

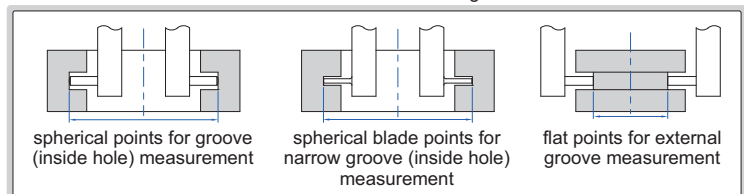
zero setting block for external measurement (included)



install points



measure internal and external grooves



To be continued

Continued from previous page

Depth stop (optional)

Code
6143

for external groove measurement

for internal groove measurement

Point sleeve (optional)

1526-T101

installation

Code
1526-T101

Ball points (optional)

7391-T5

Code	Ball dia. (D)	Range**
7391-T3*	SØ2.0mm	75-275mm/3.0-10.8" (internal) 0-146mm/0-5.7" (external)
7391-T4*	SØ2.5mm	76-276mm/3.0-10.8" (internal) 0-145mm/0-5.7" (external)
7391-T5*	SØ3.0mm	77-277mm/3.0-10.9" (internal) 0-144mm/0-5.6" (external)
7391-T6*	SØ3.5mm	78-278mm/3.1-10.9" (internal) 0-143mm/0-5.6" (external)
7391-T7*	SØ4.0mm	79-279mm/3.1-10.9" (internal) 0-142mm/0-5.6" (external)
7391-T8*	SØ4.5mm	80-280mm/3.2-11.0" (internal) 0-141mm/0-5.5" (external)
7391-T9*	SØ5.0mm	81-281mm/3.2-11.0" (internal) 0-140mm/0-5.5" (external)
7391-T10*	SØ6.0mm	83-283mm/3.3-11.1" (internal) 0-138mm/0-5.4" (external)

****** Range of **1526-200** and **1526-200WL** after installing the points and point sleeve

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

Multifunctional points (optional)

7392-T1

7392-T4

7392-T7

7392-T2

7392-T5

7392-T8

7392-T3

7392-T6

7392-T9

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

Range**
66-266mm/2.6-10.5" (internal), 0-155mm/0-6.1" (external)

****** Range of **1526-200** and **1526-200WL** after installing the points and point sleeve

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

Screw thread points (optional)

7321-T16

7381-T11

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

Range**
66-266mm/2.6-10.5" (internal)
0-155mm/0-6.1" (external)

****** Range of **1526-200** and **1526-200WL** after installing the points and point sleeve

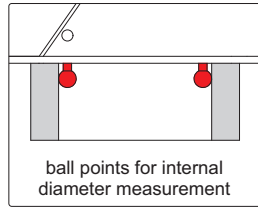
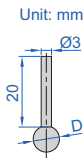
***** It is necessary to use point sleeve (code **1526-T101**) for these points

Continued from previous page

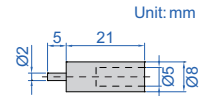
Ball points (optional, supplied in pair)



1527-T104



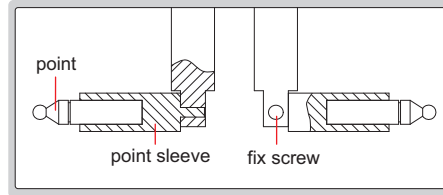
Point sleeve (optional, supplied in pair)



Code

1526-T101

installation



5

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

Multifunctional points (optional, supplied in pair)



7392-T1



7392-T2



7392-T3



7392-T4



7392-T5



7392-T6



7392-T7



7392-T8



7392-T9

Measuring range **

80-105mm/3.2-4.2"

** After installing points and point sleeve

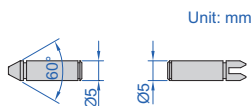
Code	Type
7392-T1 *	flat
7392-T2 *	spherical
7392-T3 *	spline
7392-T4 *	disk
7392-T5 *	blade
7392-T6 *	knife-edge
7392-T7 *	point
7392-T8 *	knife-edge
7392-T9 *	point

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

Screw thread points (optional, supplied in pair)



7321-T16



Measuring range **

80-105mm/3.2-4.2"

** After installing points and point sleeve

Internal thread (60° thread angle)

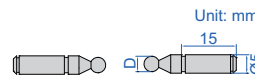
Code	Pitch
7321-T11 *	0.4-0.5mm/64-48TPI
7321-T12 *	0.6-0.9mm/44-28TPI
7321-T13 *	1-1.75mm/24-14TPI
7321-T14 *	2-3mm/13-9TPI
7321-T15 *	3.5-5mm/8-5TPI
7321-T16 *	5.5-7mm/4.5-3.5TPI
7321-T1S *	6 pairs/set, including all above points

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

Ball points (optional, supplied in pair)



7391-T5



Measuring range **

80-105mm/3.2-4.2"

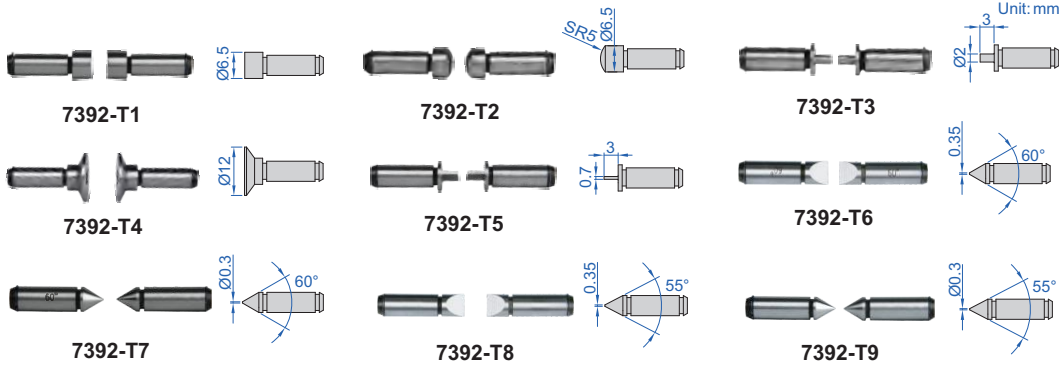
** After installing points and point sleeve

Code	Ball dia. (D)
7391-T2 *	SØ1.5mm
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

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

Continued from previous page

Multifunctional points (optional, supplied in pair)



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

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

Measuring range **

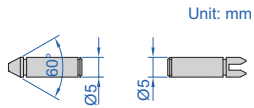
100-370mm/3.94-14.5"

** After installing points and point sleeve

Screw thread points (optional, supplied in pair)



7321-T16



Unit: mm

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

Measuring range **

100-370mm/3.94-14.5"

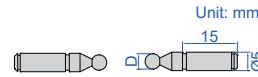
** After installing points and point sleeve

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

Ball points (optional, supplied in pair)



7391-T5



Unit: mm

Measuring range **

100-370mm/3.94-14.5"

** After installing points and point sleeve

Code	Ball dia. (D)
7391-T2 *	SØ1.5mm
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

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

LARGE RANGE DIGITAL EXTERNAL MEASURING GAUGES

DATA OUTPUT



2935-321

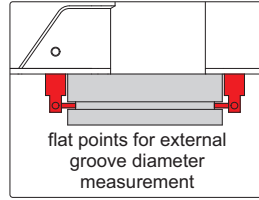
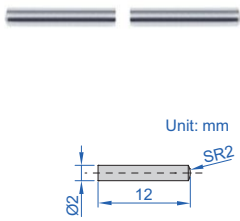
- Measure external dimensions
- Resolution: 0.001mm/0.00005"
- Accuracy: 5µm
- Repeatability: 1µm
- Movable point stroke: 5mm/0.02"
- Point height is adjustable, h=2-25mm
- CR2032 battery, automatic power off (time is adjustable)
- Data output



To be continued

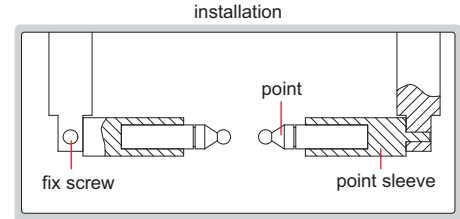
Continued from previous page

Spherical/flat points (optional, supplied in pair)



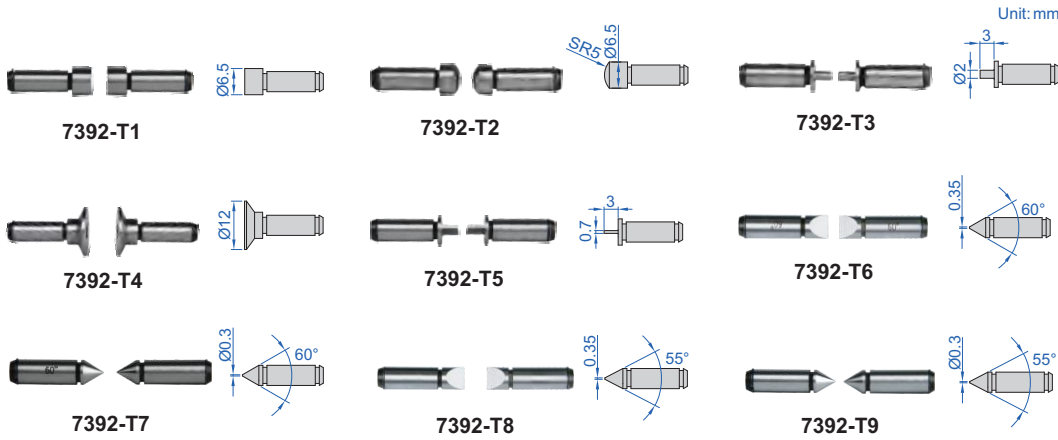
Code	Measuring range	Material
2932-S103	30-320mm/1.2-12.6"	stainless steel

Point sleeve (optional, supplied in pair)



Code
1526-T101

Multifunctional points (optional, supplied in pair)



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

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

Measuring range **

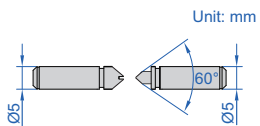
0-300mm/0-11.8"

** After installing points and point sleeve

Screw thread points (optional, supplied in pair)



7381-T16



Measuring range **

0-300mm/0-11.8"

** After installing points and point sleeve

External thread (60° thread angle)

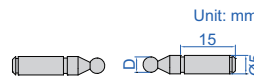
Code	Pitch
7381-T11 *	0.4-0.5mm/64-48TPI
7381-T12 *	0.6-0.9mm/44-28TPI
7381-T13 *	1-1.75mm/24-14TPI
7381-T14 *	2-3mm/13-9TPI
7381-T15 *	3.5-5mm/8-5TPI
7381-T16 *	5.5-7mm/4.5-3.5TPI
7381-TS *	6 pairs/set, including all above points

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

Ball points (optional, supplied in pair)



7391-T5



Measuring range **

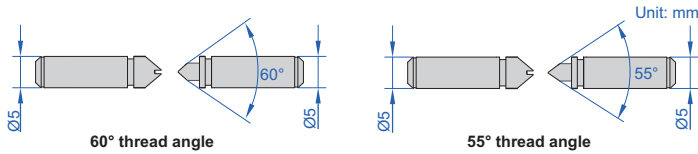
0-300mm/0-11.8"

** After installing points and point sleeve

Code	Ball dia. (D)
7391-T2 *	SØ1.5mm
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

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

MEASURING TIPS FOR SCREW THREAD MICROMETERS



7381-T13

- Supplied in pair
- Suitable for 3281, 3581 series micrometers

Metric and unified 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 tips

Whitworth thread (55° thread angle)

Code	Pitch
7381-T21	60-48TPI
7381-T22	48-40TPI
7381-T23	40-32TPI
7381-T24	32-24TPI
7381-T25	24-18TPI
7381-T26	18-14TPI
7381-T27	14-10TPI
7381-T28	10-7TPI
7381-T29	7-4.5TPI
7381-T210	4.5-3.5TPI
7381-T2S	10 pairs/set, including all above tips

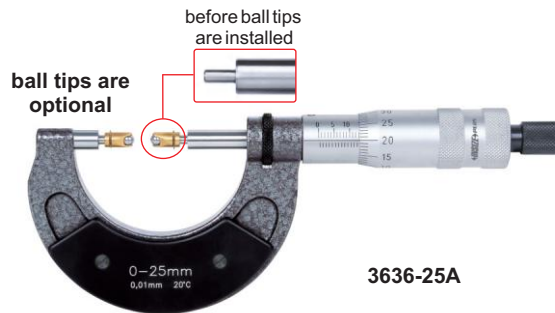
6

EXTERNAL GEAR TOOTH MICROMETERS

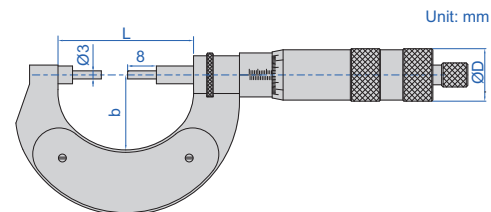
INSIZE PLUS
MADE IN EUROPE

INSPECTION
CERTIFICATE

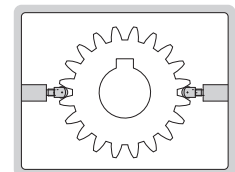
ATTENTION: SETTING
STANDARDS ARE NOT INCLUDED



3636-25A



- Meet DIN863-3
- Measure over-pin diameter of gears
- Graduation 0.01mm
- Ratchet stop
- Optional accessory: ball tips (code 7383), setting standards (code 7386)



Code	Range	Accuracy	L	b	ØD
3636-25A*	0-25mm	3µm	62	34	20
3636-50A*	25-50mm	3µm	87	46	20
3636-75A*	50-75mm	4µm	112	60	20
3636-100A*	75-100mm	4µm	139	72	20
3636-125A*	100-125mm	5µm	164	85	20
3636-150A*	125-150mm	5µm	190	97	20
3636-175A*	150-175mm	5µm	215	110	20
3636-200A*	175-200mm	5µm	240	122	20

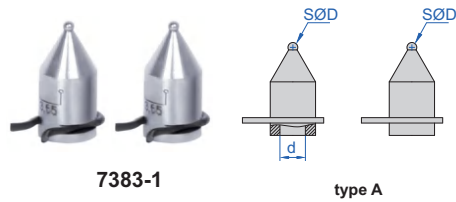
Code	Range	Accuracy	L	b	ØD
3636-225A*	200-225mm	6µm	264	135	20
3636-250A*	225-250mm	6µm	290	148	20
3636-300A*	250-300mm	6µm	325	165	24
3636-350A*	300-350mm	7µm	370	190	24
3636-400A*	350-400mm	7µm	430	220	24
3636-450A*	400-450mm	8µm	475	250	24
3636-500A*	450-500mm	8µm	530	273	24
3636-550A*	500-550mm	9µm	570	291	24
3636-600A*	550-600mm	9µm	630	323	24

*Supplied with manufacturer inspection certificate

BALL TIPS DIAMETER
SØD CAN BE CUSTOMIZED

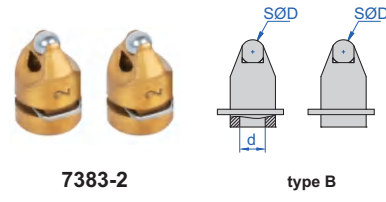
BALL TIPS FOR GEAR TOOTH MICROMETERS

INSIZE PLUS
MADE IN EUROPE



7383-1

type A



7383-2

type B

- Supplied in pair
- Made of hardened steel
- Suitable for 3636, 3638, 3678 series micrometers

Code	Ball dia. (SØD)	d	Accuracy	Type
7383-1	SØ1mm	Ø3mm	±1µm	A
7383-1D5	SØ1.5mm	Ø3mm	±1µm	B
7383-1D75	SØ1.75mm	Ø3mm	±1µm	B
7383-2	SØ2mm	Ø3mm	±1µm	B
7383-2D25	SØ2.25mm	Ø3mm	±1µm	B
7383-2D5	SØ2.5mm	Ø3mm	±1µm	B
7383-3	SØ3mm	Ø3mm	±1µm	B
7383-3D5	SØ3.5mm	Ø3mm	±1µm	B
7383-4	SØ4mm	Ø3mm	±1µm	B
7383-4D5	SØ4.5mm	Ø3mm	±1µm	B
7383-5	SØ5mm	Ø3mm	±1µm	B
7383-5D5	SØ5.5mm	Ø3mm	±1µm	B
7383-6	SØ6mm	Ø3mm	±1µm	B

Code	Ball dia. (SØD)	d	Accuracy	Type
7383-6D5	SØ6.5mm	Ø3mm	±1µm	B
7383-7	SØ7mm	Ø3mm	±1µm	B
7383-7D5	SØ7.5mm	Ø3mm	±1µm	B
7383-8	SØ8mm	Ø3mm	±1µm	B
7383-9	SØ9mm	Ø3mm	±1µm	B
7383-10	SØ10mm	Ø3mm	±1µm	B
7383-10D5	SØ10.5mm	Ø3mm	±1.5µm	B
7383-11	SØ11mm	Ø3mm	±1.5µm	B
7383-12	SØ12mm	Ø3mm	±1.5µm	B
7383-13	SØ13mm	Ø3mm	±1.5µm	B
7383-14	SØ14mm	Ø3mm	±1.5µm	B
7383-15	SØ15mm	Ø3mm	±1.5µm	B
7383-16	SØ16mm	Ø3mm	±1.5µm	B

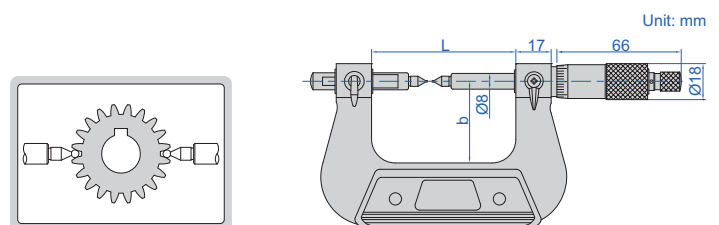
GEAR TOOTH MICROMETERS

- Meet DIN863-3
- Measure over-pin diameter of gears
- Graduation 0.01mm
- Ratchet stop
- Supplied with setting standards (except 0-25mm)
- Optional accessory: ball tips (code 7391)



3291-25

Code	Range	Accuracy	L	b
3291-25	0-25mm	4µm	67	38
3291-50	25-50mm	4µm	92.4	50
3291-75	50-75mm	5µm	117.6	62
3291-100	75-100mm	5µm	143	70
3291-125	100-125mm	6µm	168.2	82
3291-150	125-150mm	6µm	192	94.5
3291-175	150-175mm	7µm	217	107
3291-200	175-200mm	7µm	242	130
3291-225	200-225mm	8µm	267	142.5
3291-250	225-250mm	8µm	292	155
3291-275	250-275mm	9µm	317	167.5



DIGITAL GEAR TOOTH MICROMETERS

IP65
WATERPROOF

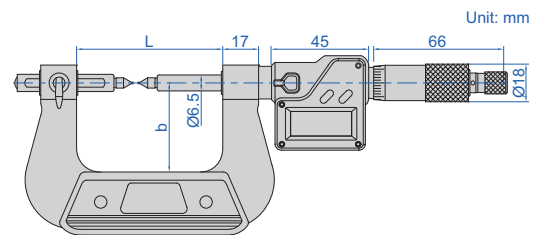
DATA
OUTPUT

ball tips are optional



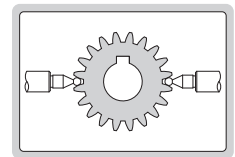
3591-25A

- 6**
- Measure over-pin diameter of gears
 - Resolution 0.001mm/0.00005"
 - IP65 dust/waterproof
 - Button function: on/off, set, mm/inch, data transmit
 - Data output
 - Automatic power off
 - Ratchet stop
 - Supplied with setting standards (except 0-25mm/0-1")
 - Optional accessory: ball tips (code **7391**), wireless transmitter code **7315-31** (receiver is needed) page 6, bluetooth transmitter code **7214-31** page 12, data output cable code **7302-31** page 20



(mm)

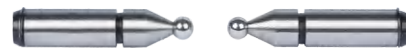
Code	Range	Accuracy	L	b
3591-25A	0-25mm/0-1"	±4µm	67	38
3591-50A	25-50mm/1-2"	±4µm	92.4	50
3591-75A	50-75mm/2-3"	±5µm	117.6	62
3591-100A	75-100mm/3-4"	±5µm	143	70
3591-125A	100-125mm/4-5"	±6µm	168.2	82
3591-150A	125-150mm/5-6"	±6µm	192	94.5
3591-175A	150-175mm/6-7"	±7µm	217	107
3591-200A	175-200mm/7-8"	±7µm	242	130
3591-225A	200-225mm/8-9"	±8µm	267	142.5
3591-250A	225-250mm/9-10"	±8µm	292	155
3591-275A	250-275mm/10-11"	±9µm	317	167.5



BALL TIPS FOR GEAR TOOTH MICROMETERS

BALL TIPS DIAMETER SØD CAN BE CUSTOMIZED WITH SIZES BETWEEN 1.50-6.00MM

- Supplied in pair
- Suitable for **3291**, **3591** series micrometers



7391-T5

Code	Ball dia. (D)
7391-T2	SØ1.5mm
7391-T3	SØ2.0mm
7391-T4	SØ2.5mm
7391-T5	SØ3.0mm

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

