TWO POINTS/THREE POINTS INTERNAL MICROMETERS

INSPECTION CERTIFICATE

3227-6

type A
2-6mm, carbide measuring points two points

3227-8

type B
6-12mm, steel measuring points three points

3227-16

type C
12-50mm, carbide measuring points three points

3227-125

type D
50-300mm, carbide measuring points three points
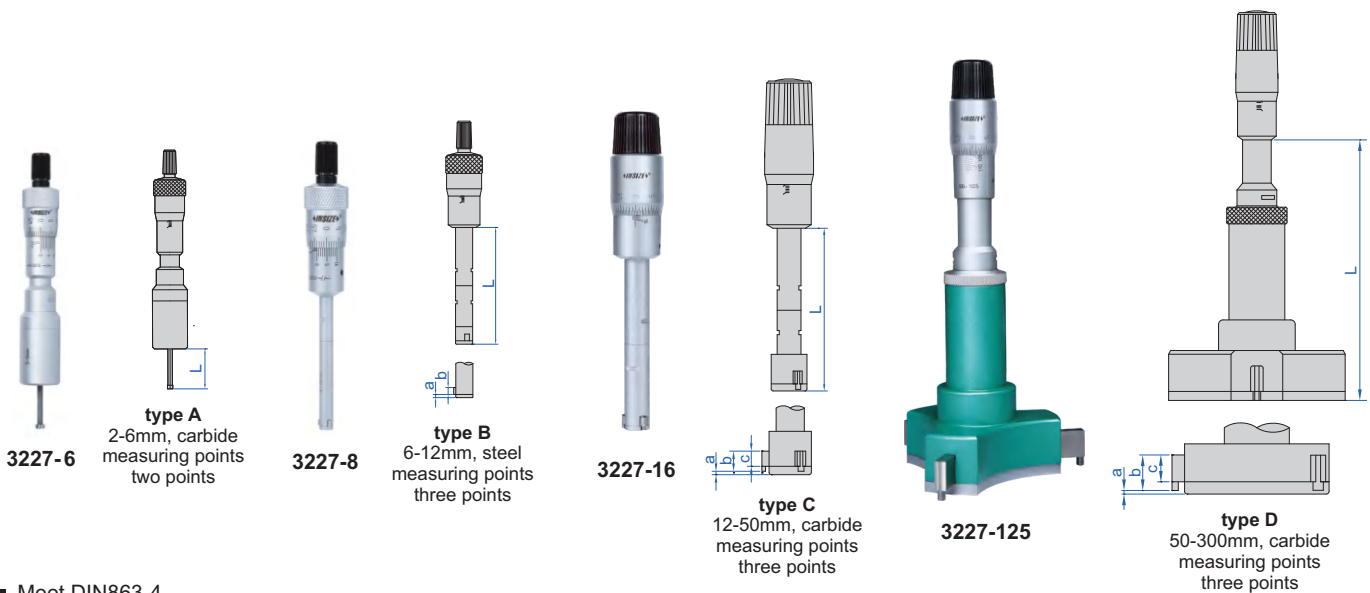
- Meet DIN863-4
- 2-12mm: graduation 0.001mm
  12-300mm: graduation 0.005mm
- Ratchet stop
- Optional accessory: setting rings (code **6312**),
  micrometer stand and clamp (code **6301** and **6301-2**)

Individual (mm)

Code	Range	Type	Accuracy	Setting ring	Extension rod (included)	L	a	b	c
3227-2 *	2-2.5mm	A (two points)	6µm	Ø2.5 (included)	—	12	—	—	—
3227-3 *	2.5-3mm	A (two points)	6µm	Ø2.5 (included)	—	12	—	—	—
3227-4 *	3-4mm	A (two points)	6µm	Ø4 (included)	—	22	—	—	—
3227-5 *	4-5mm	A (two points)	6µm	Ø5 (included)	—	22	—	—	—
3227-6 *	5-6mm	A (two points)	6µm	Ø6 (included)	—	22	—	—	—
3227-8 *	6-8mm	B (three points)	4µm	Ø6 (included)	100	54.5	1.5	2.5	—
3227-10 *	8-10mm	B (three points)	4µm	Ø8 (included)	100	54.5	1.5	2.5	—
3227-12 *	10-12mm	B (three points)	4µm	Ø10 (included)	100	54.5	1.5	2.5	—
3227-16 *	12-16mm	C (three points)	4µm	Ø16 (included)	150	80	0.5	6	4.5
3227-20 *	16-20mm	C (three points)	4µm	Ø16 (included)	150	80	0.5	6	4.5
3227-25 *	20-25mm	C (three points)	4µm	Ø25 (included)	150	90	0.5	8	6
3227-30 *	25-30mm	C (three points)	4µm	Ø25 (included)	150	90	0.5	8	6
3227-40 *	30-40mm	C (three points)	4µm	Ø40 (included)	150	97	0.5	14	12
3227-50 *	40-50mm	C (three points)	5µm	Ø40 (included)	150	97	0.5	14	12
3227-63 *	50-63mm	D (three points)	5µm	Ø62 (included)	150	114	0.5	17.5	14.5
3227-75 *	62-75mm	D (three points)	5µm	Ø62 (included)	150	114	0.5	17.5	14.5
3227-88 *	75-88mm	D (three points)	5µm	Ø87 (included)	150	114	0.5	17.5	14.5
3227-100 *	87-100mm	D (three points)	5µm	Ø87 (included)	150	114	0.5	17.5	14.5
3227-125 *	100-125mm	D (three points)	6µm	**optional**	150	140	0.9	29	25
3227-150 *	125-150mm	D (three points)	6µm	**optional**	150	140	0.9	29	25
3227-175 *	150-175mm	D (three points)	7µm	**optional**	150	140	0.9	29	25
3227-200 *	175-200mm	D (three points)	7µm	**optional**	150	140	0.9	29	25
3227-225	200-225mm	D (three points)	8µm	**optional**	150	140	0.9	29	25
3227-250	225-250mm	D (three points)	8µm	**optional**	150	140	0.9	29	25
3227-275	250-275mm	D (three points)	9µm	**optional**	150	140	0.9	29	25
3227-300	275-300mm	D (three points)	9µm	**optional**	150	140	0.9	29	25

To be continued

Continued from previous page

micrometer stand
with clamp **(optional)**

setting ring

extension rod

2-100mm: included
100-300mm: **optional**
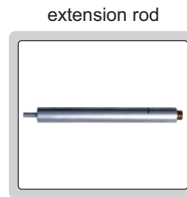
included

3227-504

Set

Code	Range	Micrometers included	Setting ring (included)	Extension rod (included)
3227-232 *	2-3mm	2-2.5mm, 2.5-3mm	Ø2.5mm	—
3227-363 *	3-6mm	3-4mm, 4-5mm, 5-6mm	Ø4mm, Ø5mm, Ø6mm	—
3227-123 *	6-12mm	6-8mm, 8-10mm, 10-12mm	Ø6mm, Ø8mm, Ø10mm	100mm
3227-202 *	12-20mm	12-16mm, 16-20mm	Ø16mm	150mm
3227-504 *	20-50mm	20-25mm, 25-30mm, 30-40mm, 40-50m	Ø25mm, Ø40mm	150mm
3227-1004 *	50-100mm	50-63mm, 62-75mm, 75-88mm, 87-100mm	Ø62mm, Ø87mm	150mm

***Supplied with manufacturer inspection certificate

IP65 WATERPROOF **DATA OUTPUT**

DIGITAL TWO POINTS/THREE POINTS INTERNAL MICROMETERS

INSPECTION CERTIFICATE

type A
2-6mm, carbide
measuring points
two points

3127-5

3127-12

type B
6-12mm, steel
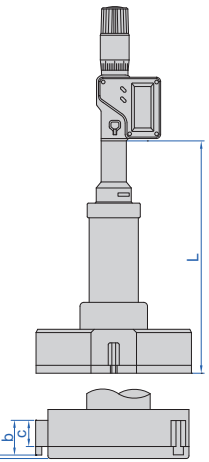measuring points
three points

3127-40

type C
12-50mm, carbide
measuring points
three points

3127-125

type D
50-300mm, carbide
measuring points
three points

- Resolution 0.001mm/0.00005" (resolution of **3127-275** and **3127-300** is 0.001mm/0.0001")
- IP65 dust/waterproof
- Buttons: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Ratchet stop
- Optional accessory: 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,
  setting ring (code **6312**), micrometer stand and clamp (code **6301** and **6301-2**)

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micrometer stand
with clamp (**optional**)

setting ring

extension rod

2-100mm: included
100-300mm: **optional**

included

3127-202

Individual (mm)

Code	Range	Type	Accuracy	Setting ring	Extension rod (included)	L	a	b	c
3127-2*	2-2.5mm/0.08-0.10"	A (two points)	6µm	Ø2.5 (included)	—	12	—	—	—
3127-3*	2.5-3mm/0.10-0.12"	A (two points)	6µm	Ø2.5 (included)	—	12	—	—	—
3127-4*	3-4mm/0.12-0.16"	A (two points)	6µm	Ø4 (included)	—	22	—	—	—
3127-5*	4-5mm/0.16-0.20"	A (two points)	6µm	Ø5 (included)	—	22	—	—	—
3127-6*	5-6mm/0.20-0.24"	A (two points)	6µm	Ø6 (included)	—	22	—	—	—
3127-8*	6-8mm/0.24-0.31"	B (three points)	4µm	Ø6 (included)	100	57	1.5	2.5	—
3127-10*	8-10mm/0.31-0.39"	B (three points)	4µm	Ø8 (included)	100	57	1.5	2.5	—
3127-12*	10-12mm/0.39-0.47"	B (three points)	4µm	Ø10 (included)	100	57	1.5	2.5	—
3127-16*	12-16mm/0.47-0.63"	C (three points)	4µm	Ø16 (included)	150	99	0.5	6	4.5
3127-20*	16-20mm/0.63-0.79"	C (three points)	4µm	Ø16 (included)	150	99	0.5	6	4.5
3127-25*	20-25mm/0.79-0.98"	C (three points)	4µm	Ø25 (included)	150	105	0.5	8	6
3127-30*	25-30mm/0.98-1.18"	C (three points)	4µm	Ø25 (included)	150	105	0.5	8	6
3127-40*	30-40mm/1.18-1.57"	C (three points)	4µm	Ø40 (included)	150	110	0.5	14	12
3127-50*	40-50mm/1.57-1.97"	C (three points)	5µm	Ø40 (included)	150	110	0.5	14	12
3127-63*	50-63mm/1.97-2.48"	D (three points)	5µm	Ø62 (included)	150	127	0.5	17.5	14.5
3127-75*	62-75mm/2.44-2.95"	D (three points)	5µm	Ø62 (included)	150	127	0.5	17.5	14.5
3127-88*	75-88mm/2.95-3.46"	D (three points)	5µm	Ø87 (included)	150	127	0.5	17.5	14.5
3127-100*	87-100mm/3.43-3.94"	D (three points)	5µm	Ø87 (included)	150	127	0.5	17.5	14.5
3127-125*	100-125mm/3.94-4.92"	D (three points)	6µm	**optional**	150	175	0.9	29	25
3127-150*	125-150mm/4.92-5.91"	D (three points)	6µm	**optional**	150	175	0.9	29	25
3127-175*	150-175mm/5.91-6.89"	D (three points)	7µm	**optional**	150	175	0.9	29	25
3127-200*	175-200mm/6.89-7.87"	D (three points)	7µm	**optional**	150	175	0.9	29	25
3127-225	200-225mm/7.87-8.86"	D (three points)	8µm	**optional**	150	175	0.9	29	25
3127-250	225-250mm/8.86-9.84"	D (three points)	8µm	**optional**	150	175	0.9	29	25
3127-275	250-275mm/9.84-10.83"	D (three points)	9µm	**optional**	150	175	0.9	29	25
3127-300	275-300mm/10.83-11.81"	D (three points)	9µm	**optional**	150	175	0.9	29	25

Set

Code	Range	Micrometers included	Setting ring (included)	Extension rod (included)
3127-232 *	2-3mm/0.08-0.12"	2-2.5mm, 2.5-3mm	Ø2.5mm	—
3127-363 *	3-6mm/0.12-0.24"	3-4mm, 4-5mm, 5-6mm	Ø4mm, Ø5mm, Ø6mm	—
3127-123 *	6-12mm/0.24-0.47"	6-8mm, 8-10mm, 10-12mm	Ø6mm, Ø8mm, Ø10mm	100mm
3127-202 *	12-20mm/0.47-0.79"	12-16mm, 16-20mm	Ø16mm	150mm
3127-504 *	20-50mm/0.79-1.97"	20-25mm, 25-30mm, 30-40mm, 40-50mm	Ø25mm, Ø40mm	150mm
3127-1004 *	50-100mm/1.97-3.94"	50-63mm, 62-75mm, 75-88mm, 87-100mm	Ø62mm, Ø87mm	150mm

*Supplied with manufacturer inspection certificate
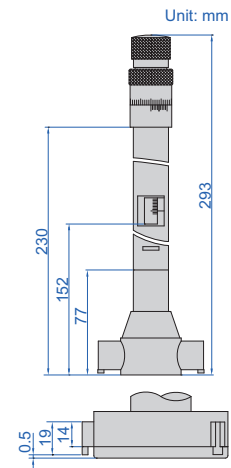
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INSPECTION CERTIFICATE

WIDE RANGE THREE POINTS INTERNAL MICROMETERS

Unit: mm

- Meet DIN863-4
- Graduation 0.001mm
- Carbide measuring faces
- Ratchet stop
- Setting rings are included (except 200-300mm)

3228-70

Code	Range	Accuracy	Setting ring
3228-70 *	50-70mm	5µm	Ø50mm (included)
3228-100 *	70-100mm	5µm	Ø70mm (included)
3228-150 *	100-150mm	6µm	Ø100mm (included)
3228-250 *	150-250mm	8µm	Ø150mm (included)
3228-300 *	200-300mm	9µm	Ø200mm (**optional**)

*Supplied with manufacturer inspection certificate

setting ring

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IP54 WATERPROOF **DATA OUTPUT**

INSPECTION CERTIFICATE

DIGITAL WIDE RANGE THREE POINTS INTERNAL MICROMETERS

Unit: mm

- Meet DIN863-4
- Resolution 0.001mm/0.00005"
  (resolution of **3128-300** is 0.001mm/0.0001")
- IP54 dust/waterproof
- Buttons: on/off, set, mm/inch
- Data output
- Automatic power off
- Carbide measuring faces
- Ratchet stop
- Supplied with extension rods
- Setting rings are included (except 200-300mm)
- Optional accessory:
  wireless transmitter code **7315-30** (receiver is needed) page 5,
  bluetooth transmitter code **7214-30** page 11,
 data output cable code **7302-30** page 20

3128-150
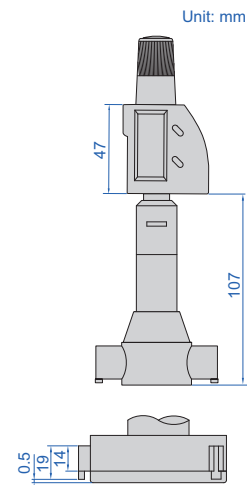
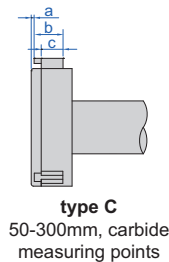| Code	Range	Accuracy	Setting ring	Extension rod (included)
3128-70 *	50-70mm/1.97-2.76"	5µm	Ø50mm (included)	150mm
3128-100 *	70-100mm/2.76-3.94"	5µm	Ø70mm (included)	150mm
3128-150 *	100-150mm/3.94-5.91"	6µm	Ø100mm (included)	150mm
3128-250 *	150-250mm/5.91-9.84"	8µm	Ø150mm (included)	150mm
3128-300 *	200-300mm/7.87-11.81"	9µm	Ø200mm (**optional**)	150mm

*Supplied with manufacturer inspection certificate

setting ring   extension rod (included)

PISTOL GRIP THREE POINTS BORE GAUGES

Unit: mm

L 102

stem hole 3/8" with bush Ø8
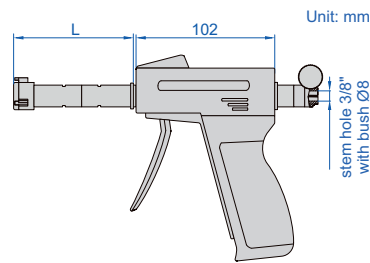
- Optional accessory:
  digital indicators (code **2103-101F**,
  resolution 0.001mm/0.00005"),
  setting rings (code **6312**)

a
b

type A
6-12mm, steel
measuring points

digital indicator
is optional

2124-8

setting ring

6-100mm: included
100-300mm: **optional**

extension rod

included

a
b
c

type B
12-50mm, carbide
measuring points

digital indicator
is optional

2124-25

a
b
c

type C
50-300mm, carbide
measuring points

digital indicator
is optional

2124-125

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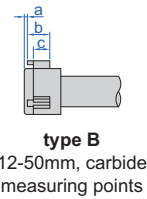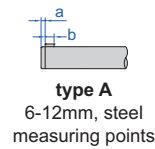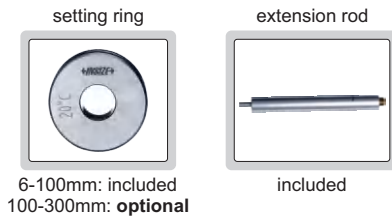
Individual (mm)

Code	Range	Type	Accuracy (without digital indicator)	Setting ring	Extension rod (included)	L	a	b	c
2124-8 *	6-8mm	A	4μm	Ø6mm (included)	100mm	50	1.5	2.5	—
2124-10 *	8-10mm	A	4μm	Ø8mm (included)	100mm	50	1.5	2.5	—
2124-12 *	10-12mm	A	4μm	Ø10mm (included)	100mm	50	1.5	2.5	—
2124-16 *	12-16mm	B	4μm	Ø16mm (included)	150mm	65	0.5	6	4.5
2124-20 *	16-20mm	B	4μm	Ø16mm (included)	150mm	65	0.5	6	4.5
2124-25 *	20-25mm	B	4μm	Ø25mm (included)	150mm	91	0.5	8	6
2124-30 *	25-30mm	B	4μm	Ø25mm (included)	150mm	91	0.5	8	6
2124-40 *	30-40mm	B	4μm	Ø40mm (included)	150mm	97	0.5	14	12
2124-50 *	40-50mm	B	5μm	Ø40mm (included)	150mm	97	0.5	14	12
2124-63 *	50-63mm	C	5μm	Ø62mm (included)	150mm	112	0.5	17.5	14.5
2124-75 *	62-75mm	C	5μm	Ø62mm (included)	150mm	112	0.5	17.5	14.5
2124-88 *	75-88mm	C	5μm	Ø87mm (included)	150mm	112	0.5	17.5	14.5
2124-100 *	87-100mm	C	5μm	Ø87mm (included)	150mm	112	0.5	17.5	14.5
2124-125 *	100-125mm	C	6μm	**optional**	150mm	140	0.9	29	25
2124-150 *	125-150mm	C	6μm	**optional**	150mm	140	0.9	29	25
2124-175 *	150-175mm	C	7μm	**optional**	150mm	140	0.9	29	25
2124-200 *	175-200mm	C	7μm	**optional**	150mm	140	0.9	29	25
2124-225	200-225mm	C	8μm	**optional**	150mm	140	0.9	29	25
2124-250	225-250mm	C	8μm	**optional**	150mm	140	0.9	29	25
2124-275	250-275mm	C	9μm	**optional**	150mm	140	0.9	29	25
2124-300	275-300mm	C	9μm	**optional**	150mm	140	0.9	29	25

Set

Code	Range	Probes included	Setting ring (included)	Extension rod (included)
2124-S123 *	6-12mm	6-8mm, 8-10mm, 10-12mm	Ø6mm, Ø8mm, Ø10mm	100mm
2124-S202 *	12-20mm	12-16mm, 16-20mm	Ø16mm	150mm
2124-S504 *	20-50mm	20-25mm, 25-30mm, 30-40mm, 40-50mm	Ø25mm, Ø40mm	150mm
2124-S1004 *	50-100mm	50-63mm, 62-75mm, 75-88mm, 87-100mm	Ø62mm, Ø87mm	150mm

2124- S504

*Supplied with manufacturer inspection certificate