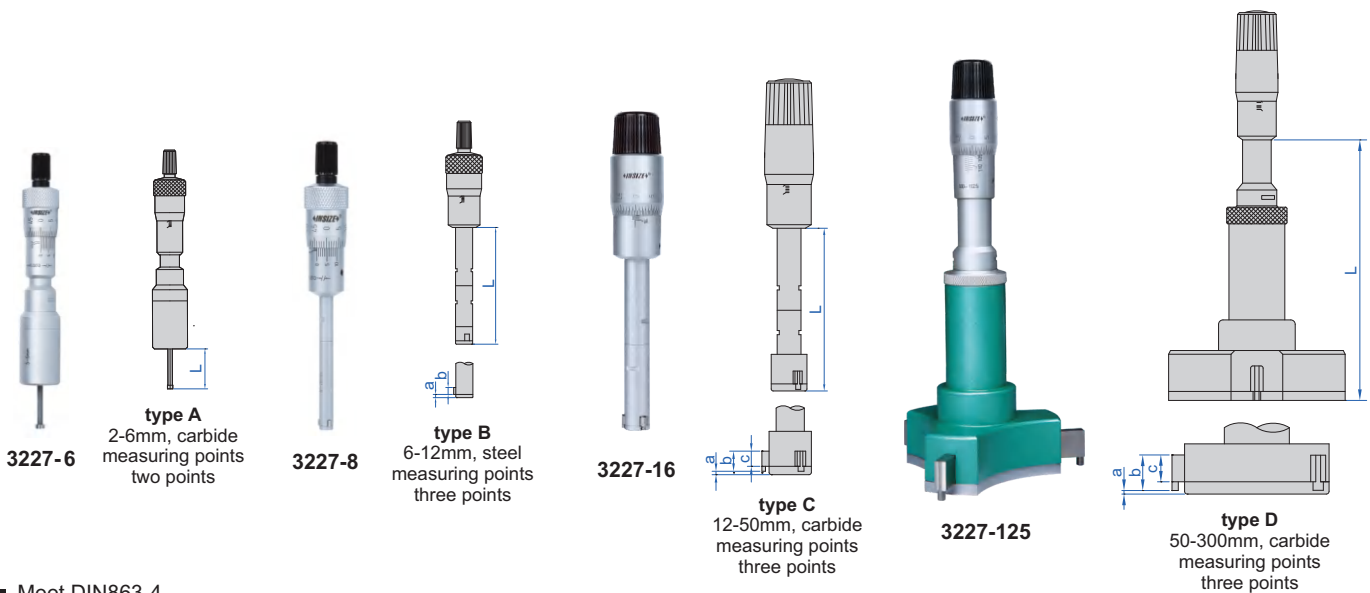


TWO POINTS/THREE POINTS INTERNAL MICROMETERS



- 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

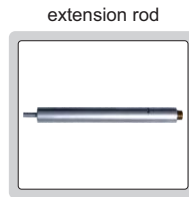


micrometer stand with clamp (optional)



setting ring

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



extension rod

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, 40-50mm | 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



3127-5

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



3127-12

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

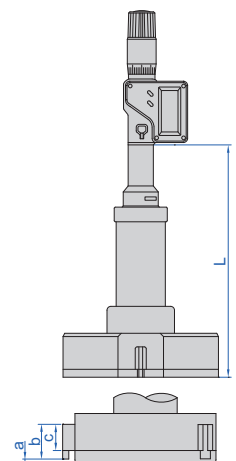


3127-40

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)

To be continued

Continued from previous page

micrometer stand with clamp (optional)

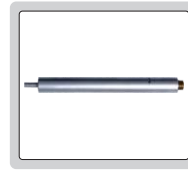


setting ring



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

extension rod



included



3127-202

7

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

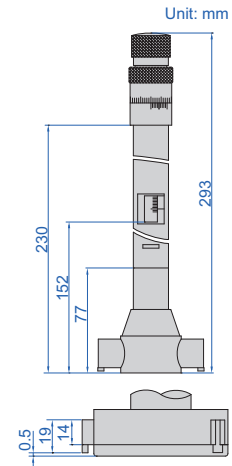


WIDE RANGE THREE POINTS INTERNAL MICROMETERS

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



3228-70



setting ring

| 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

IP54
WATERPROOF

DATA
OUTPUT

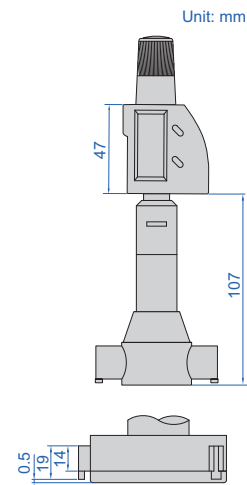
DIGITAL WIDE RANGE THREE POINTS INTERNAL MICROMETERS



- 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



setting ring



extension rod (included)

| 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

DIGITAL WIDE RANGE THREE POINTS INTERNAL MICROMETER

IP54
WATERPROOF

DATA
OUTPUT

extension rod (included)



50mm replaceable measuring jaws (included)

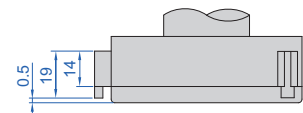
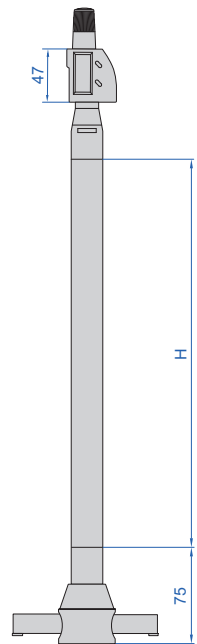


100mm replaceable measuring jaws (included)



3621-500

Unit: mm



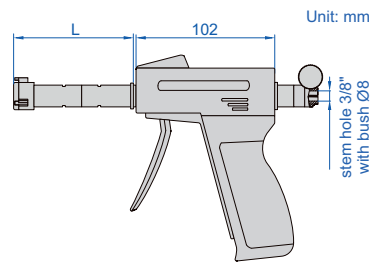
- Resolution 0.001mm/0.0001" (resolution is 0.00005" when <10")
- Replaceable measuring jaws, wide measuring range
- Buttons: on/off, set, mm/inch
- Data output
- Automatic power off
- Carbide measuring faces
- Ratchet stop
- Supplied with extension rods
- Optional accessory:
 - setting rings (code **6312-200**, **6312-300**, **6312-400**),
 - 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

| Code | Range | Accuracy | Measuring jaws (included) | Extension rods H (included) |
|----------|-----------------------|--------------------------|---------------------------|-----------------------------|
| 3621-500 | 200-500mm/7.87-19.69" | (1+L/50) μm * | 50mm (3pcs), 100mm (3pcs) | 150mm, 500mm |

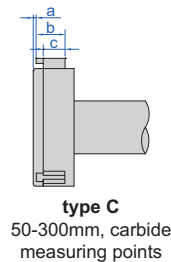
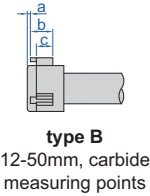
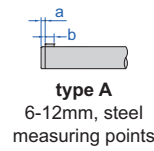
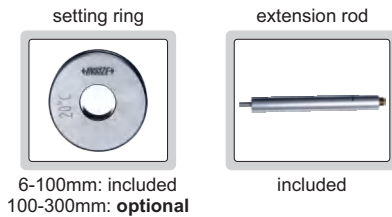
*L=maximum measuring diameter (mm)



PISTOL GRIP THREE POINTS BORE GAUGES



- Optional accessory: digital indicators (code **2103-101F**, resolution 0.001mm/0.00005"), setting rings (code **6312**)



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