

WIDE RANGE THREE POINTS INTERNAL MICROMETERS

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

| 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) |

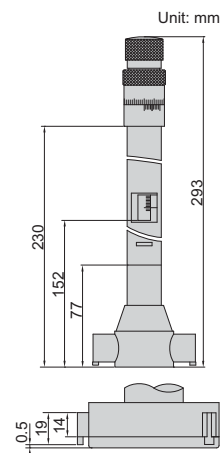
* Supplied with manufacturer inspection certificate



setting ring



3228-70



Unit: mm

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, ABS/INC
- Data output
- LR44 battery, automatic power off
- Carbide measuring faces
- Ratchet stop
- Supplied with extension rods
- Setting rings are included (except 200-300mm)
- Optional accessory: data output cable (code 7315-, 7302-, 7305-)

| 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



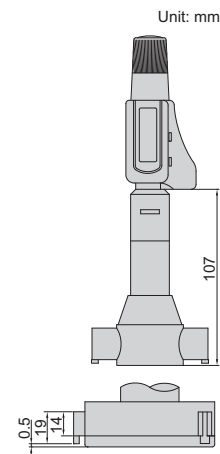
setting ring



extension rod (included)



3128-70



Unit: mm

INSIDE MICROMETERS (ECONOMIC TYPE)

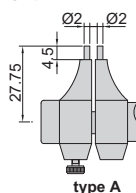
- Graduation 0.01mm
- Ratchet stop
- Carbide measuring faces
- Optional accessory: setting ring (code 6312), micrometer stand and clamp (code 6301 and 6301-1)

micrometer stand with clamp (optional)



| Code | Range | Type | Setting ring | Accuracy |
|----------|----------|------|-----------------|----------|
| 3220-30 | 5-30mm | A | 5mm (included) | 7μm |
| 3220-50 | 25-50mm | B | 25mm (included) | 8μm |
| 3220-75 | 50-75mm | B | 50mm (optional) | 9μm |
| 3220-100 | 75-100mm | C | 75mm (optional) | 10μm |

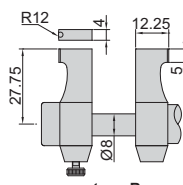
Unit: mm



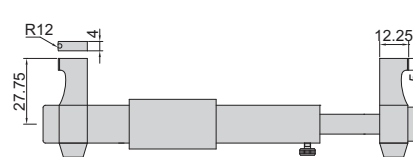
type A



3220-50



type B



type C

ATTENTION: LOW PARALLELISM OF TWO MEASURING FACES

DATA
OUTPUT

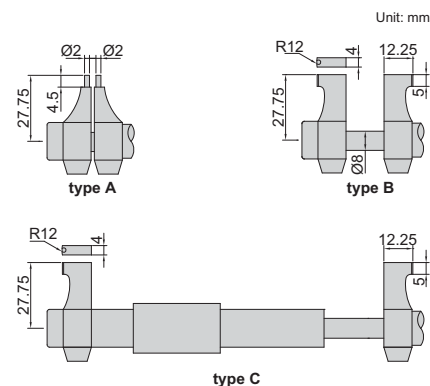
ATTENTION: LOW PARALLELISM
OF TWO MEASURING FACES

DIGITAL INSIDE MICROMETERS (ECONOMIC TYPE)

- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- LR44 battery, automatic power off
- Ratchet stop
- Carbide measuring faces
- Optional accessory: data output cable (code 7315-, 7302-, 7305-), setting ring (code 6312)



3520-30



| Code | Range | Type | Setting ring | Accuracy |
|----------|-----------------|------|-----------------|----------|
| 3520-30 | 5-30mm/0.2-1.2" | A | 5mm (included) | ±5μm |
| 3520-50 | 25-50mm/1-2" | B | 25mm (included) | ±6μm |
| 3520-75 | 50-75mm/2-3" | B | 50mm (optional) | ±7μm |
| 3520-100 | 75-100mm/3-4" | C | 75mm (optional) | ±8μm |

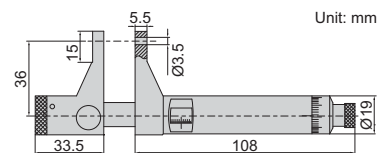
INTERNAL SCREW THREAD MICROMETERS

INSIZE PLUS
MADE IN GERMANY

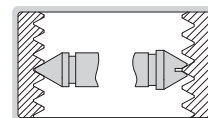
- Measure pitch diameter of screw thread
- Graduation 0.01mm
- Ratchet stop
- Optional accessory: measuring tips for internal screw thread micrometer (code 7385)



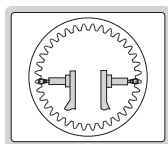
3640-45



| Code | Range | Accuracy | Applicable tips |
|----------|----------|----------|----------------------|
| 3640-45 | 20-45mm | 4μm | stem length L=5mm |
| 3640-70 | 45-70mm | 5μm | stem length L=5mm |
| 3640-95 | 70-95mm | 5μm | stem length L=13.5mm |
| 3640-120 | 95-120mm | 6μm | stem length L=13.5mm |



RELATIVE PRODUCT: GEAR
BORE GAGE (CODE 2428)



INTERNAL GEAR TOOTH MICROMETERS

INSIZE PLUS
MADE IN GERMANY

- Measure over-pin diameter of gears
- Graduation 0.01mm
- Ratchet stop
- Optional accessory: ball tips (code 7383)

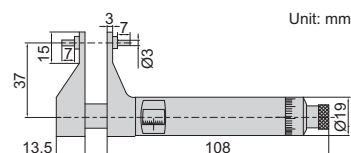
before ball tips
are installed



ball tips are optional



3637-50



| Code | Range | Accuracy |
|---------|---------|----------|
| 3637-50 | 25-50mm | 4μm |
| 3637-75 | 50-75mm | 5μm |