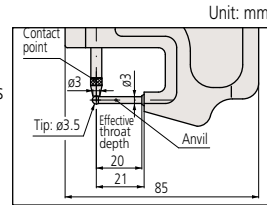


## ABS Digimatic Pipe Gage



- Designed for measuring the thickness of pipes and curved boards



### Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Throat depth | Minimum inside diameter of pipe | Accuracy      | Measuring force |
|-----------|------------|-----------------|--------------|---------------------------------|---------------|-----------------|
| 547-360   | 0.01mm     | 0~10mm          | 20mm         | ø3.5mm                          | ±20µm or less | 1.5N or less    |

### Inch/Metric ANSI/AGD Type

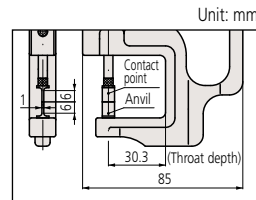
| Order No. | Resolution    | Measuring range | Throat depth | Minimum inside diameter of pipe | Accuracy       | Measuring force |
|-----------|---------------|-----------------|--------------|---------------------------------|----------------|-----------------|
| 547-361S  | .0005"/0.01mm | 0~.4"/0~10mm    | 20mm         | ø3.5mm                          | ±.001" or less | 1.5N or less    |

- Note) 1. Changing the contact point requires total adjustment, including the main display unit. Contact Mitutoyo for advice.  
2. The accuracy specification does not include the quantizing error of ±1 count.  
3. Left-handed models can be supplied to special order.

## ABS Digimatic Groove Gage



- Best suited for measuring the depth of narrow grooves on cylindrical workpieces
- The contact point and measuring face of the anvil are 1mm thick blade blades.



### Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Throat depth | Contact point and anvil dimensions (W x D) | Accuracy      | Measuring force |
|-----------|------------|-----------------|--------------|--------------------------------------------|---------------|-----------------|
| 547-315   | 0.01mm     | 0~10mm          | 30mm         | 6.5mm x 1mm                                | ±20µm or less | 1.5N or less    |

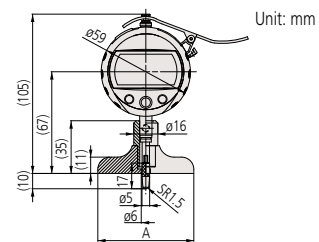
### Inch/Metric ANSI/AGD Type

| Order No. | Resolution    | Measuring range | Throat depth | Contact point and anvil dimensions (W x D) | Accuracy       | Measuring force |
|-----------|---------------|-----------------|--------------|--------------------------------------------|----------------|-----------------|
| 547-316S  | .0005"/0.01mm | 0~.4"/0~10mm    | 30mm         | 6.5mm x 1mm                                | ±.001" or less | 1.5N or less    |

- Note) 1. Changing the contact point requires total adjustment, including the main display unit. Contact Mitutoyo for advice.  
2. The accuracy specification does not include the quantizing error of ±1 count.  
3. Left-handed models can be supplied to special order.

## ABS Digimatic Depth Gage

- Suitable for measuring the depth of holes, narrow grooves, and steps.
- The lifting lever can be used either on the left or right sides.



### Metric ISO/JIS Type

| Order No. | Resolution | Measuring range | Stroke | Accuracy | Measuring force | Base Length | Width | Flatness    | Contact point: Carbide-tipped ball | Extension rods                    |
|-----------|------------|-----------------|--------|----------|-----------------|-------------|-------|-------------|------------------------------------|-----------------------------------|
| 547-211   | 0.01mm     | 0~200mm         | 12mm   | ±20µm    | 1.5N or less    | 63.5mm      | 16mm  | 5µm or less | 21JAA224                           | 5 pcs.<br>(10, 20, 30, 30, 100mm) |
| 547-212   |            |                 |        |          |                 | 101.6mm     |       |             |                                    |                                   |
| 547-251   | 0.001mm    |                 |        | ±5µm     | 1.5N or less    | 63.5mm      |       | 2µm or less |                                    |                                   |
| 547-252   |            |                 |        |          |                 | 101.6mm     |       |             |                                    |                                   |

### Inch/Metric ANSI/AGD Type

| Order No. | Resolution      | Measuring range | Stroke | Accuracy        | Measuring force | Base Length | Width | Flatness        | Contact point: Carbide-tipped ball | Extension rods           |
|-----------|-----------------|-----------------|--------|-----------------|-----------------|-------------|-------|-----------------|------------------------------------|--------------------------|
| 547-217S  | .0005"/0.01mm   | 0~8"            | .5"    | ±.001" or less  | 1.5N or less    | 2.5"        | .63"  | .0002" or less  | 21JAZA242                          | 4 pcs. (.5", 1", 2", 4") |
| 547-218S  | .0005"/0.01mm   | 0~8"            | .5"    | ±.001" or less  | 1.5N or less    | 4"          | .63"  | .0002" or less  |                                    | 4 pcs. (.5", 1", 2", 4") |
| 547-257S  | .00005"/0.001mm | 0~8"            | .5"    | ±.0002" or less | 1.5N or less    | 2.5"        | .63"  | .00008" or less |                                    | 4 pcs. (.5", 1", 2", 4") |
| 547-258S  | .00005"/0.001mm | 0~8"            | .5"    | ±.0002" or less | 1.5N or less    | 4"          | .63"  | .00008" or less |                                    | 4 pcs. (.5", 1", 2", 4") |

- Note) The accuracy specification does not include the quantizing error of ±1 count.

