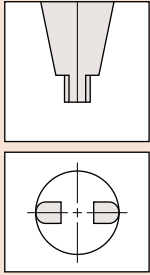


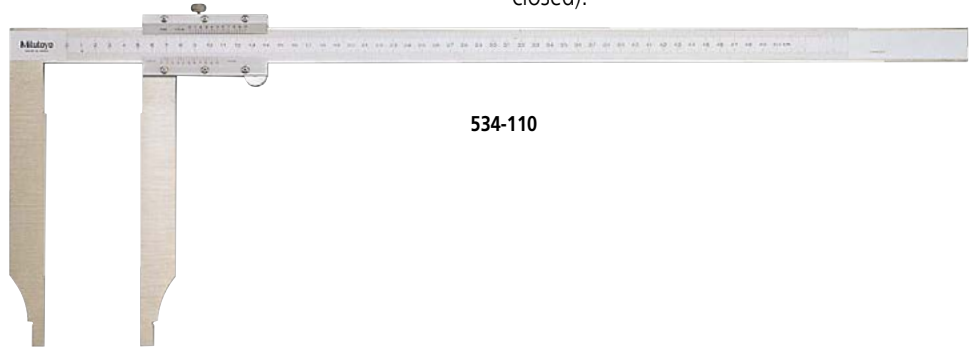
## Long Jaw Vernier Caliper SERIES 534

- Long jaws for measuring hard-to-reach workpiece features.

- Inside and outside measurements can be read directly from the upper and lower vernier scales.
- Inside measurement is possible upwards from the minimum inside measuring length (jaws closed).



Round jaws for accurate ID measurement



534-110

### SPECIFICATIONS

**Metric** with inside measurement vernier scale

| Order No. | Range (mm)*    | Graduation (mm) | Accuracy (mm) | Remarks                 |
|-----------|----------------|-----------------|---------------|-------------------------|
| 534-109   | 0 (10.1) - 300 | 0.05            | ±0.07         | without fine adjustment |
| 534-110   | 0 (20.1) - 500 |                 | ±0.13         |                         |

\* ( ): Minimum dimension in inside measurement

**Metric/Inch** with metric/inch double scale

| Order No. | Range (mm)*     | Graduation       | Accuracy (mm) | Remarks                                                                  |
|-----------|-----------------|------------------|---------------|--------------------------------------------------------------------------|
| 534-101   | 0 (10.1) - 300  | 0.05 mm/1/128 in | ±0.07         | +10 mm/0.394 in to reading in inside measurement without fine adjustment |
| 534-105   |                 | 0.02 mm/0.001 in | ±0.04         |                                                                          |
| 534-102   | 0 (20.1) - 500  | 0.05 mm/1/128 in | ±0.13         | +20 mm/0.787 in to reading in inside measurement without fine adjustment |
| 534-106   |                 | 0.02 mm/0.001 in | ±0.06         |                                                                          |
| 534-103   | 0 (20.1) - 750  | 0.05 mm/1/128 in | ±0.16         |                                                                          |
| 534-107   |                 | 0.02 mm/0.001 in | ±0.08         |                                                                          |
| 534-104   | 0 (20.1) - 1000 | 0.05 mm/1/128 in | ±0.20         |                                                                          |
| 534-108   |                 | 0.02 mm/0.001 in | ±0.10         |                                                                          |

\* ( ): Minimum dimension in inside measurement

Note: For external dimensions, refer to the series **534** on page D-23.

# Calipers

An industry standard measuring tool

## Long Jaw Vernier Caliper SERIES 534

- Long jaws for measuring hard-to-reach workpiece features.
- Inside and outside measurements can be read directly from the upper and lower vernier scales.
- The fine-adjustment wheel enables precise feed and adjustment.
- Inside measurement is possible upwards from the minimum inside measuring length (jaws closed).



534-114

### SPECIFICATIONS

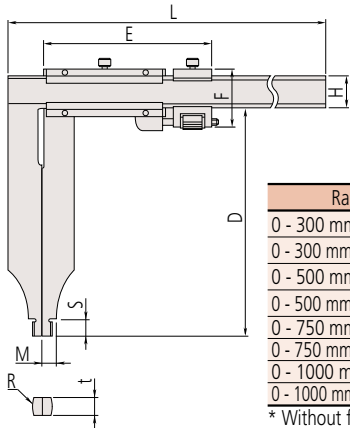
| Metric with inside measurement vernier scale |                 |                 |               |                      |
|----------------------------------------------|-----------------|-----------------|---------------|----------------------|
| Order No.                                    | Range (mm)*     | Graduation (mm) | Accuracy (mm) | Remarks              |
| 534-113                                      | 0 (10.1) - 300  | 0.02            | ±0.04         | with fine adjustment |
| 534-114                                      | 0 (20.1) - 500  |                 | ±0.06         |                      |
| 534-115                                      | 0 (20.1) - 750  |                 | ±0.08         |                      |
| 534-116                                      | 0 (20.1) - 1000 |                 | ±0.10         |                      |

\* ( ): Minimum dimension in inside measurement

| Inch with inside measurement vernier scale |                |                 |               |                      |
|--------------------------------------------|----------------|-----------------|---------------|----------------------|
| Order No.                                  | Range (in)*    | Graduation (in) | Accuracy (in) | Remarks              |
| 534-117                                    | 0 (0.304) - 12 | 0.001           | ±0.002        | with fine adjustment |
| 534-118                                    | 0 (0.804) - 20 |                 | ±0.003        |                      |
| 534-119                                    | 0 (0.804) - 30 |                 | ±0.004        |                      |
| 534-120                                    | 0 (0.804) - 40 |                 |               |                      |

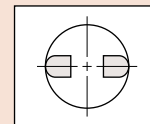
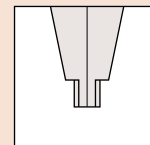
\* ( ): Minimum dimension in inside measurement

### DIMENSIONS



| Range                 | D   | E    | F    | H  | L    | M  | R   | S    | t   |
|-----------------------|-----|------|------|----|------|----|-----|------|-----|
| 0 - 300 mm*           | 90  | 76.5 | —    | 20 | 445  | 7  | R5  | 12   | 3.8 |
| 0 - 300 mm/0 - 12 in  |     | 103  | 38   |    |      |    | R5  |      | 3.8 |
| 0 - 500 mm*           | 200 | 89   | —    | 25 | 682  | 12 | R10 | 18.5 | 6   |
| 0 - 500 mm/0 - 20 in  |     | 112  | 51   |    |      |    | R10 |      | 6   |
| 0 - 750 mm*           |     | 150  | —    | 32 | 995  | 12 | R10 |      | 8   |
| 0 - 750 mm/0 - 30 in  |     |      | 62.5 |    |      |    | R10 |      | 8   |
| 0 - 1000 mm*          | 250 | 150  | —    | 32 | 1230 | 12 | R10 | 18.5 | 8   |
| 0 - 1000 mm/0 - 40 in |     |      | 62.5 |    |      |    | R10 |      | 8   |

\* Without fine adjustment



Radiused jaws for accurate ID measurement