

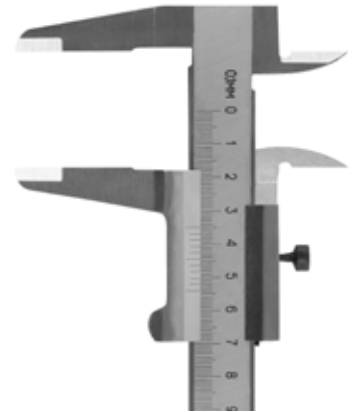
# Datasheet

## Conversion factors

|               |   |                  |
|---------------|---|------------------|
| 1 mm          | = | 0.001 m          |
| 1 micron (µm) | = | 0.000001 m       |
| 1 mm          | = | 1000 micron (µm) |
| 0.1 mm        | = | 100 micron (µm)  |



|                  |   |                                     |
|------------------|---|-------------------------------------|
| 1 inch           | = | 25.4 mm                             |
| 1 microinch      | = | 0.000001"                           |
|                  | = | $\frac{0.000001}{25.4}$ micron (µm) |
|                  | = | 0.000000394 micron (µm)             |
| 1000 microinches | = | 0.000394 mm                         |
|                  | = | 394 µm                              |
|                  | = | 0.394 mm                            |



|          |   |                         |
|----------|---|-------------------------|
| 1 milli  | = | 1 thousandth            |
| 1 micro  | = | 1 millionth             |
| 1 mm     | = | 1 thousandth of a metre |
| 1 micron | = | 1 millionth of a metre  |

### Multiple and Submultiple Units

| Unit Prefix | Symbol | Magnitude                             |
|-------------|--------|---------------------------------------|
| micro       | µ      | 0.000 001 (10 <sup>-6</sup> )         |
| milli       | m      | 0.001 (10 <sup>-3</sup> )             |
| cent        | c      | 0.01 (10 <sup>-2</sup> )              |
| deci        | d      | 0.1 (10 <sup>-1</sup> )               |
| deka        | da     | 10 (10 <sup>1</sup> )                 |
| hecto       | h      | 100 (10 <sup>2</sup> )                |
| kilo        | k      | 1000 (10 <sup>3</sup> )               |
| mega        | M      | 1 000 000 (10 <sup>6</sup> )          |
| giga        | G      | 1 000 000 000 (10 <sup>9</sup> )      |
| tera        | T      | 1 000 000 000 000 (10 <sup>12</sup> ) |



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