

# Dedicated Micrometers Dedicated Calipers Measuring Instruments for Use with Dial Indicators



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Small Tool Instruments and Data Management



Bulletin No. 2163

# Mitutoyo



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# Dedicated Micrometers      Dedicated Calipers

In addition to standard types of small tools, Mitutoyo also provides our customers with a wide range of dedicated measuring tools. If you ever wonder if you can perform a certain kind of measurement, never hesitate to contact us.

## Pipe thickness



**Tube micrometers (spherical and cylindrical anvil type)**  
Series 395, 115, 295  
Diameter: Min. 2



**Tube micrometers (spherical-flat anvil type)**  
Series 395, 115, 295  
Diameter: Min. 15



## Pipe gages

Series 7, 547  
Diameter: Min. 3.5



**Tube thickness calipers**  
Series 573, 536  
Diameter: Min. 3



## Narrow groove diameter



**Blade micrometers**  
Series 422, 122  
Min. 0.4mm



## Blade thickness gages

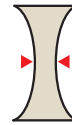
Series 7, 547  
Min. 1.0mm



**Blade calipers**  
Series 573, 536  
Min. 0.75mm



## Concave part thickness



**Lens meters**  
Series 7, 547



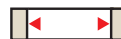
**Tube micrometers (spherical anvil and spindle type)**  
Series 395, 115, 295



**Neck calipers**  
Series 573, 536



## Tube (shallow hole) inside diameter



## Shallow hole bore gages



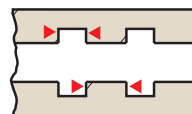
**Caliper-type inside micrometers**  
Series 345, 145  
Diameter: Min. 5



**Inside calipers**  
Series 573, 536



## Inside diameter groove



**Groove micrometers**  
Series 146  
Inside: Min. 1.6mm  
Outside: Min. 0mm



**Hook type vernier calipers**  
Series 536

Inside diameter: Min. 20mm

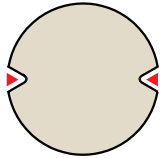


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# Measuring Instruments for Use with Dial Indicators

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## Narrow part thickness



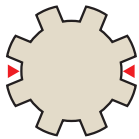
Point micrometers  
Series 342, 112, 142



Neck calipers (for points)  
Series 573, 536



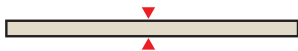
## Spline measurements



Spline micrometers  
Series 331, 111, 131



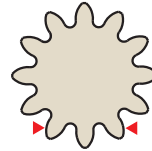
## Metal sheet central part thickness



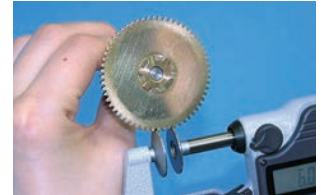
U-shape frame sheet metal micrometers  
Series 389, 118



## Base tangent length



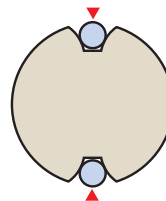
Disk micrometers  
Series 323, 123, 223



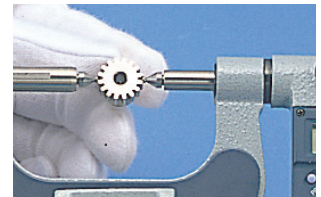
Non rotating spindle type disk micrometers  
Series 369, 227, 169



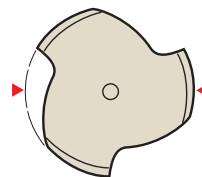
## Gear over-pin diameter



Ball anvil type gear micrometers  
Series 324, 124



## Outside diameter of taps and reamers with odd-numbered flutes

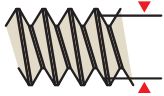


V-anvil micrometers  
Series 314, 114



We also manufacture other special products not shown here. For details, contact our sales department.

### Effective diameter of screw threads



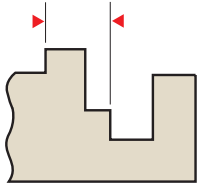
Fixed anvil type screw thread micrometers Series 125



Interchangeable tip type screw thread micrometers Series 326, 126



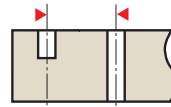
### Dimensions of stepped sections



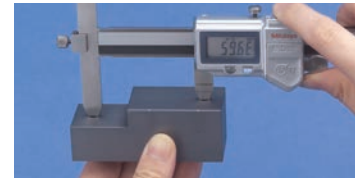
Offset calipers Series 573, 536



### Hole pitch



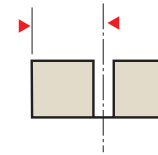
Offset calipers for hole pitch Series 573, 536



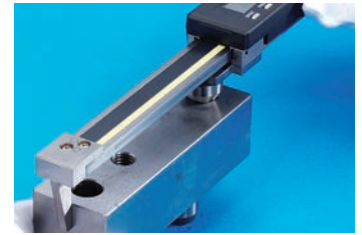
Hole pitch calipers (back-jaw type) Series 573



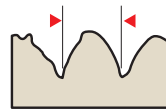
### Hole pitch calipers (edge-to-center type)



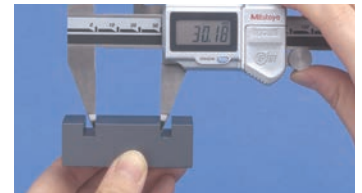
Digimatic Hole pitch calipers (edge-to-center type) Series 573



### Narrow parts with undefined shapes



Point calipers Series 573, 536



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