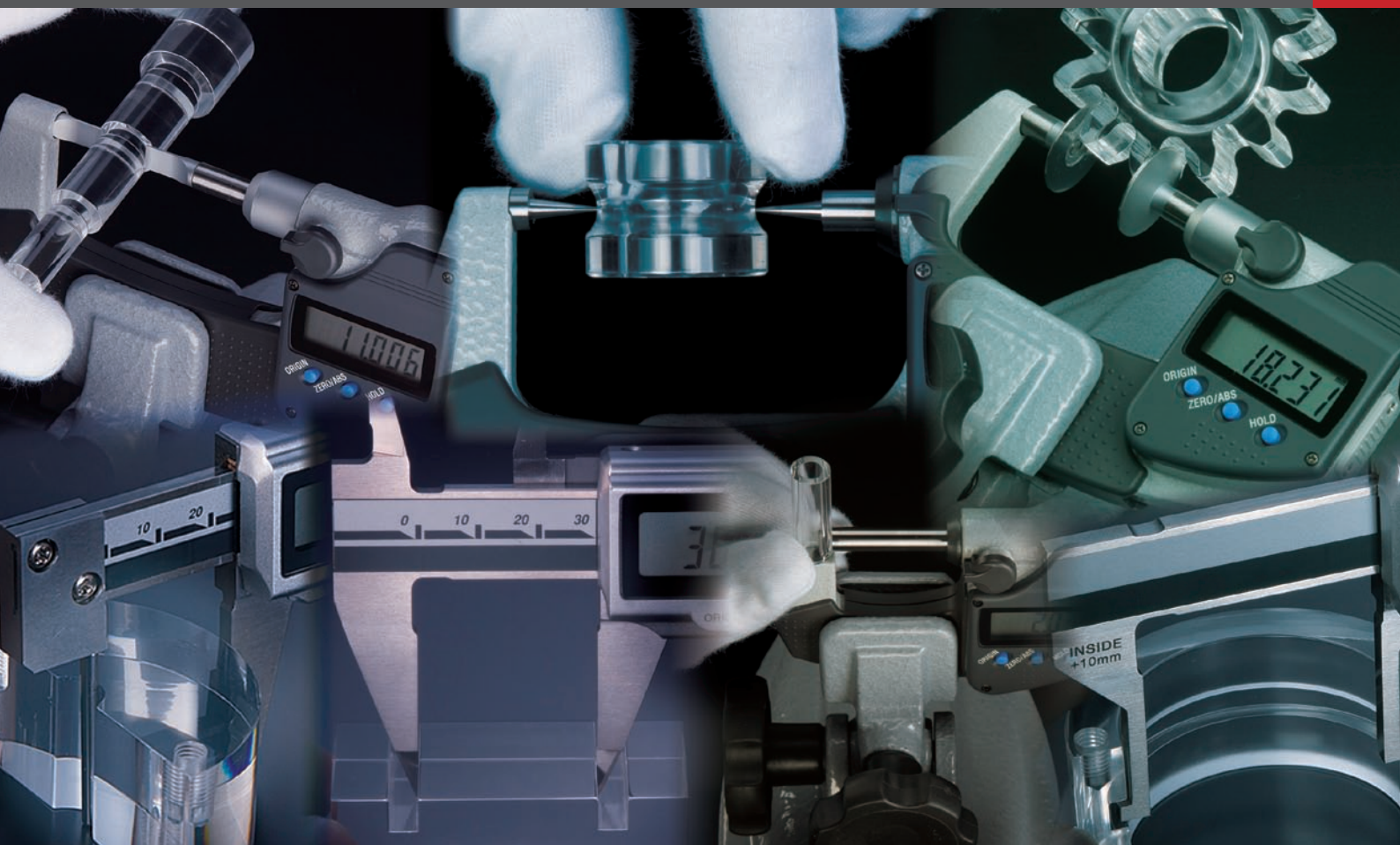


## Special-purpose Micrometers and Calipers

Small Tool Instruments  
and Data Management



# Mitutoyo Is Ready to Deliver the Best Possible Solution.


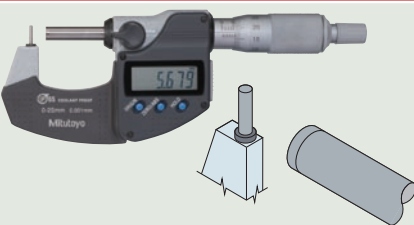


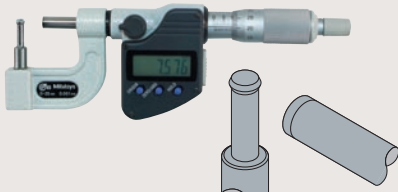


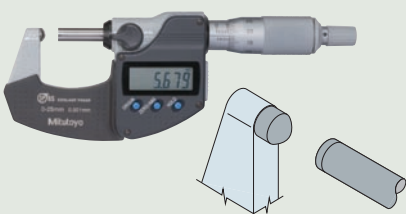




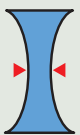


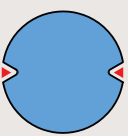
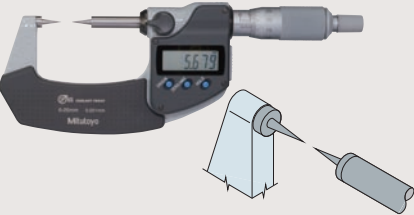
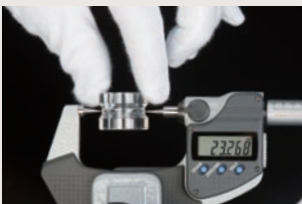
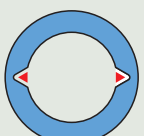
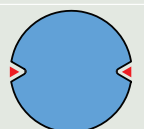
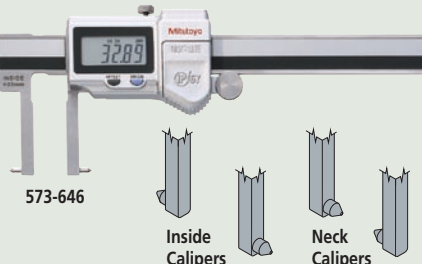




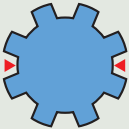
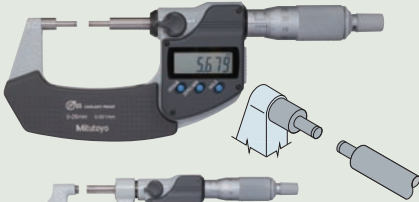


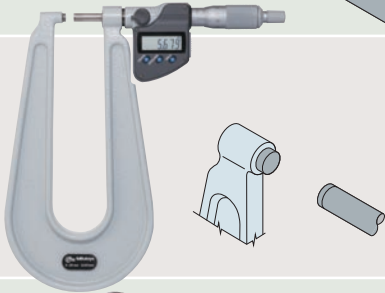


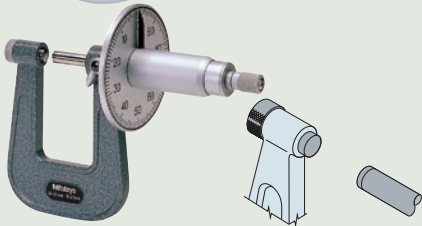

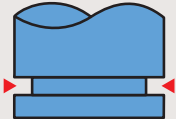
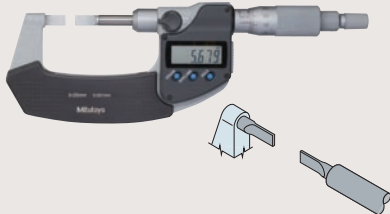

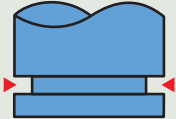
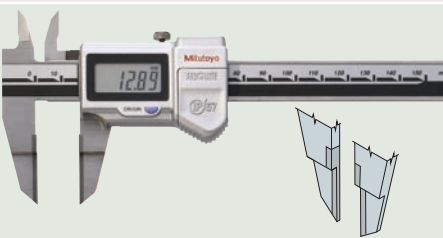


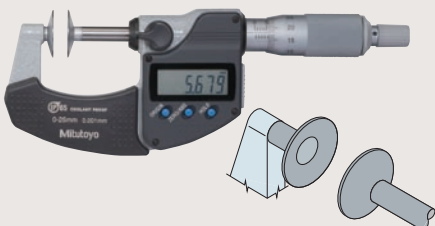


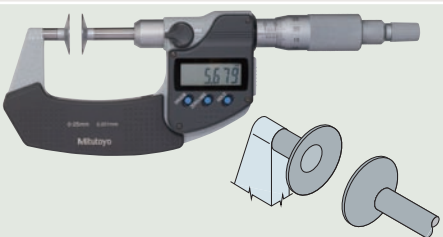





In addition to standard measuring tools, many special-purpose tools are available. Whenever you face the problem of how to measure something, first consult Mitutoyo. You're bound to find a solution.

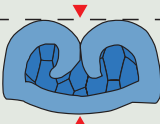


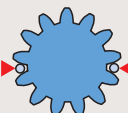
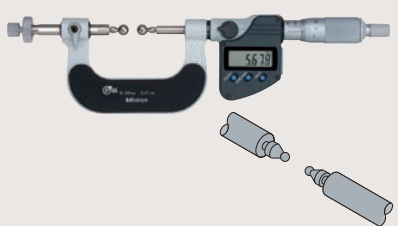

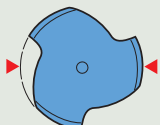

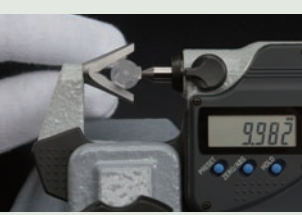
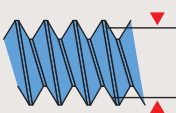
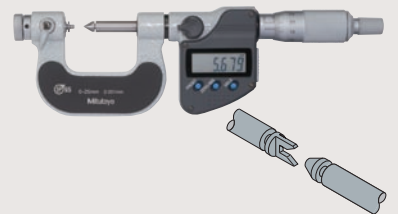


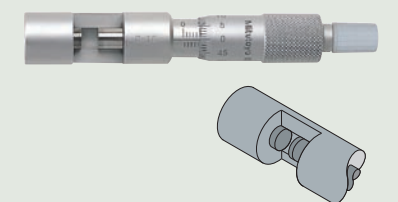

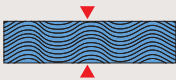
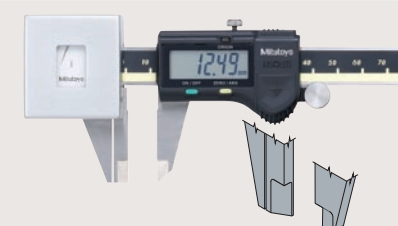


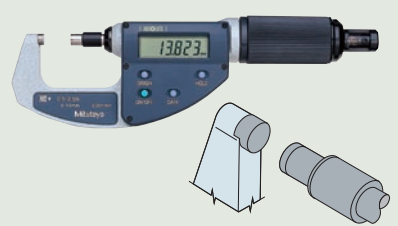

# Special-purpose Micrometers and Calipers

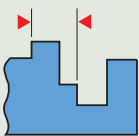
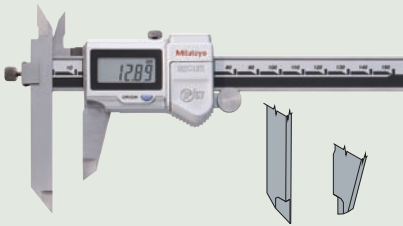

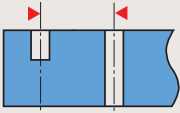

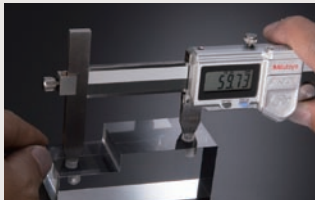
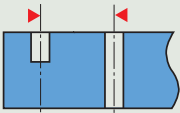
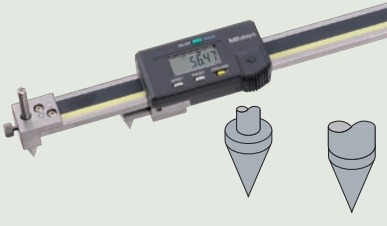
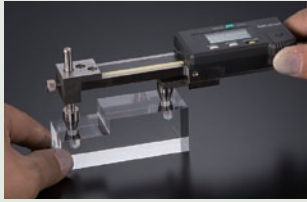
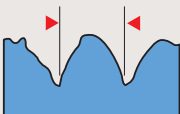
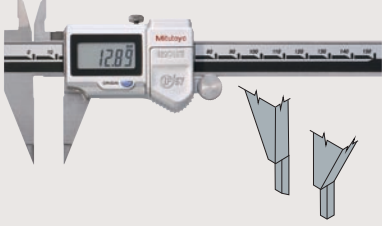

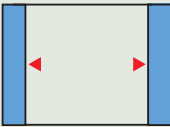
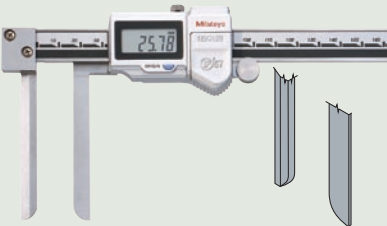

Application	Instrument	Measurement-surface form	Measurement example
	Series 395, 115, 295 <b>Tube Micrometers</b> (Spherical and Cylindrical Anvil Type) Fine tube thickness		
	Series 395, 115 <b>Tube Micrometers</b> (Spherical and Cylindrical Anvil Type) Pipe thickness		
	Series 395, 115, 295 <b>Tube Micrometers</b> Pipe thickness		
	Series 573, 536 <b>Tube Thickness Calipers</b> Pipe thickness		
	Series 395, 115, 295 <b>Tube Micrometers</b> (Spherical Anvil and Spindle Type) Web thickness		
	Series 342, 112, 142 <b>Point Micrometers</b> Narrow groove diameter		
 	Series 573, 536 <b>Inside Calipers</b> (Point Jaw Type) Narrow groove diameter	 573-646 Inside Calipers Neck Calipers	
	<b>Neck Calipers</b> (Point Jaw Type) Narrow groove diameter		

Application	Instrument	Measurement-surface form	Measurement example
	<b>Series 331, 111, 131 Spline Micrometers</b> Spline diameter		
	<b>Series 389, 118 Sheet Metal Micrometers</b> Sheet metal thickness		
	<b>Series 119 Sheet Metal Micrometers</b> Sheet metal thickness		
	<b>Series 422, 122 Blade Micrometers (Non-Rotating Spindle Type)</b> Narrow groove diameter		
	<b>Series 573, 536 Blade Type Calipers</b> Narrow groove diameter		
	<b>Series 323, 123, 223 Disk Micrometers</b> Root tangent length		
	<b>Series 369, 227, 169 Disk Micrometers (Non-Rotating Spindle Type)</b> Root tangent length		



# Special-purpose Micrometers and Calipers

Application	Instrument	Measurement-surface form	Measurement example
	<b>Series 342, 112, 142</b> <b>Crimp Height Micrometers</b> Peak height of crimped contact		
	<b>Series 324, 124</b> <b>Gear Tooth Micrometers</b> Over-pin diameter of spur gear		
	<b>Series 314, 114</b> <b>V-Anvil Micrometers</b> OD of 3- or 5-flute cutting tools		
	<b>Series 326, 126</b> <b>Screw Thread Micrometers</b> Pitch diameter		
	<b>Series 147</b> <b>Wire Micrometers</b> Wire diameter		
	<b>Series 573</b> <b>Low Force Calipers</b> Soft parts difficult to measure due to deformation		
	<b>Series 227</b> <b>Digimatic Micrometers with Adjustable Measuring Force</b> Adaptable to suit soft or hard materials		

Application	Instrument	Measurement-surface form	Measurement example
	<b>Series 573, 536 Offset Calipers</b> Stepped-part dimensions		
	<b>Series 573, 536 Offset Centerline Calipers</b> Center-to-center distance of holes		
	<b>Series 573 Centerline Calipers (Back-Jaw Type)</b> Center-to-center distance of holes		
	<b>Series 573, 536 Point Calipers</b> Random point-to-point dimensions		
	<b>Series 573, 536 Inside Calipers</b> Inside diameter or width		

For details, refer to **MEASURING INSTRUMENTS CATALOG No. E2016.**

Coordinate Measuring Machines



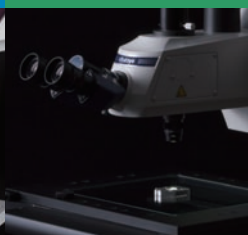
Vision Measuring Systems



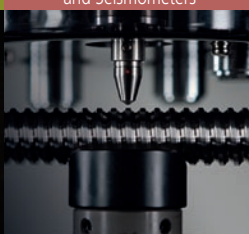
Form Measurement



Optical Measuring



Sensor Systems

Test Equipment  
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments  
and Data Management

**Whatever your challenges are, Mitutoyo supports you from start to finish.**

Mitutoyo is not only a manufacturer of top quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



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Note: Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

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