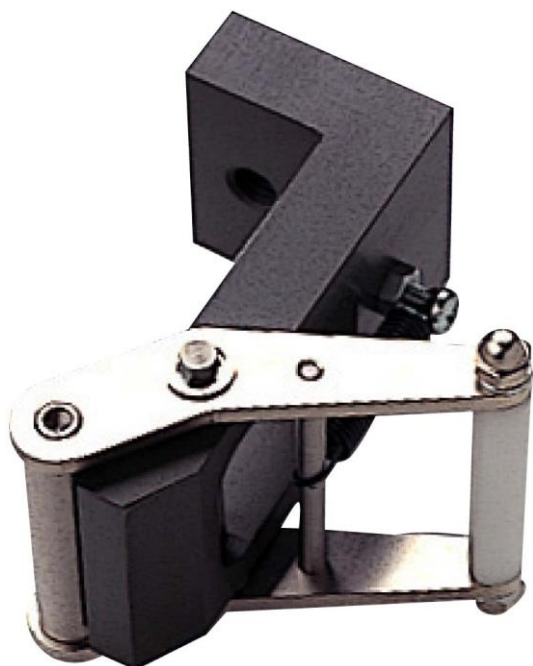


Roller grip GC-60/GC-100




Designed to secure tape shaped samples.

Ideal for tensile testing of extensible samples such as rubber, film etc.

Since the sample is wound around the grip, it holds a sample tightly and prevents the sample from being broken.



Related Standard	<p>-IEC 60286-3 (2013) [Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes] (corresponding part only)</p> <p>-JIS C 0806-3(2014) [Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes] (corresponding part only)</p>
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How to Intall Test Sample		
Pull down the lever.	Put a sample through in between.	Pull up the lever, then the sample is wound around the grip.
		

Specifications		
Model	GC-60	GC-100
Capacity	500N	
Maximum sample width	30mm	50mm
Maximum sample thickness	2mm	
Clamp method	Winding around	
Size	See the Dimensions on page 4.	
Weight *1	Approx. 158 g	Approx. 300 g
Mounting screw	M6	

*1Weight of the attachment is also applied as a load on the force gauge. Consider it when selecting the capacity of a force gauge.


Examples of Product Configuration GC-60	
<p>Configuration 1 Code: 1G2005A - Measurement up to 200N Complies with the corresponding part of IEC 60286-3 (2013) [Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes].</p> <p>Digital force gauge: ZTS-200N Manual test stand: MX2-500N-L Optional attachment: GC-60x2 Optional cable: CB-518</p>	
<p>Configuration 2 Code: 1G2005B - Simple tensile test in capacity up to 500N</p> <p>Digital force gauge: DST-500N Manual test stand: HV-500N II -L Optional attachment: GC-60x2</p>	
<p>Configuration 3 Code: 1G2005C - Functional & advanced tensile test in capacity up to 500N.</p> <p>Digital force gauge: ZTS-500N Motorized test stand: MX2-500N-L Optional attachment: GC-60x2 Optional cable: CB-518</p>	
<p>Configuration 4 (※1) Code: 1G2005D - Force-Displacement test (material characteristic evaluation) in capacity up to 500N.</p> <p>Force-displacement analysis unit: FSA-0.5K2-500N-L Optional attachment: GC-60x2</p>	

Image of Configuration 1




* Refer to the specification of each product for details.

* Product configuration varies depending on the shape and characteristic of the sample, and measurement conditions.





* The recommended capacity of force gauge varies depending on the expected force to be loaded.

* Extensible samples require longer stroke, therefore, you need to select a test stand which has long stroke enough for the sample.

* Sample is winded around to the grip, which influences measurement of displacement in some cases.

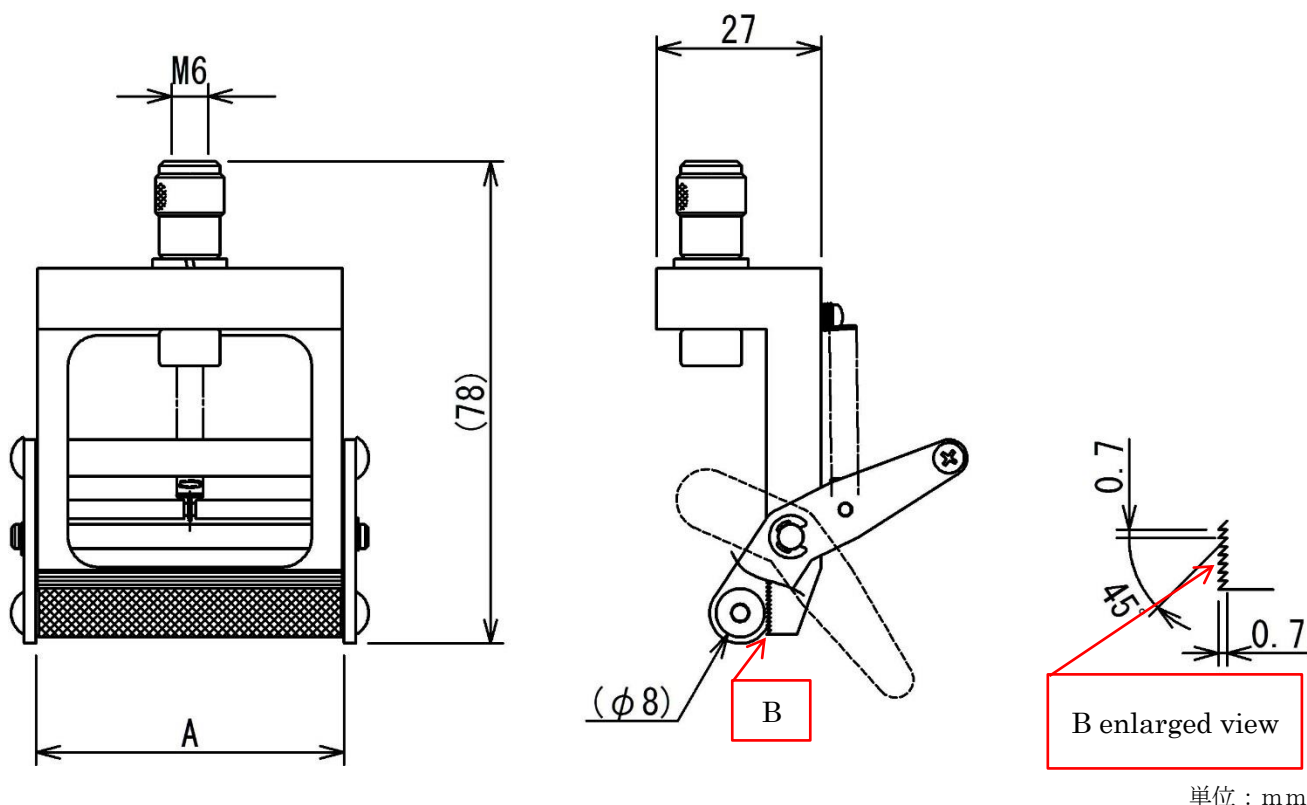
Mountable Force Gauge		
<p>Digital force gauge DST/DSV series</p> <ul style="list-style-type: none"> - Affordable model - Easy data management on PC 	<p>Digital force gauge ZTS/ZTA series</p> <ul style="list-style-type: none"> - High sampling speed - High functionality - High precision 	<p>Mechanical force gauge FB/PS/PSM series</p> <ul style="list-style-type: none"> - Easy Handling
		

*Select suitable force gauge to correspond with the mounting screws of attachment.

Related Products		
<p>Flat chuck GC-1100/GC-1200/GC-5000</p> <p>They have a wide opening width, securing a wide range of samples from something thin to something thick.</p>	<p>Cam grip GR-30/GR-2000</p> <p>They are designed to grip thin and rectangle shaped samples.</p>	<p>PP band tensile test fixture PPC-5000N</p> <p>It is designed to clamp polypropylene band (PP band) firmly without slipping.</p>
		
<p>Film cutter FSC-1525</p> <p>It is designed to cut film in constant-width. For paper or film.</p>		
		
<p>Standard Width 15mm</p>	<p>JIS Z1707:1997(*1) JIS Z0238:1998(*1)</p>	
<p>Standard Width 1inch</p>	<p>ATSM F88(*1)</p>	

*1 It complies with a part of the standard.

[Dimensions]



Model	Sample width [A]
GC-60	30mm
GC-100	50mm

[Cautions]

- Specifications are subject to change without prior notice.
- A force gauge (sold separately) is required to use this product.
- This product is designed for force testing only. Do not use it for any other purposes.
- Some samples may not be suitable to grip with this product.
- Do not copy and use this content without authorization.

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