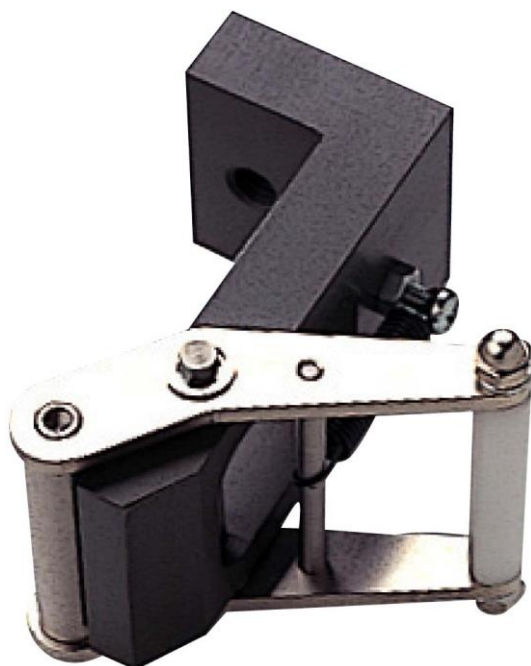


Roller grip GC-60/GC-100

Designed to secure tape shaped samples.

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

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




Test Image
(GC-60: Rubber tape tensile test)

Related Standard	<p>-IEC 60286-3 (2021) [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(2022) [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 winded around the grip.

Specifications		
Model	GC-60	GC-100
Capacity	500N	
Roller width	30mm	50mm
Max. 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</p> <p>- Measurement up to 200N Complies with the corresponding part of IEC 60286-3 (2022) [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-528</p>	 <p>Image of Configuration 1</p>
<p>Configuration 2 Code: 1G2005B</p> <p>- 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</p> <p>- 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-528</p>	
<p>Configuration 4 (※1) Code: 1G2005D</p> <p>- 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>	




* 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.

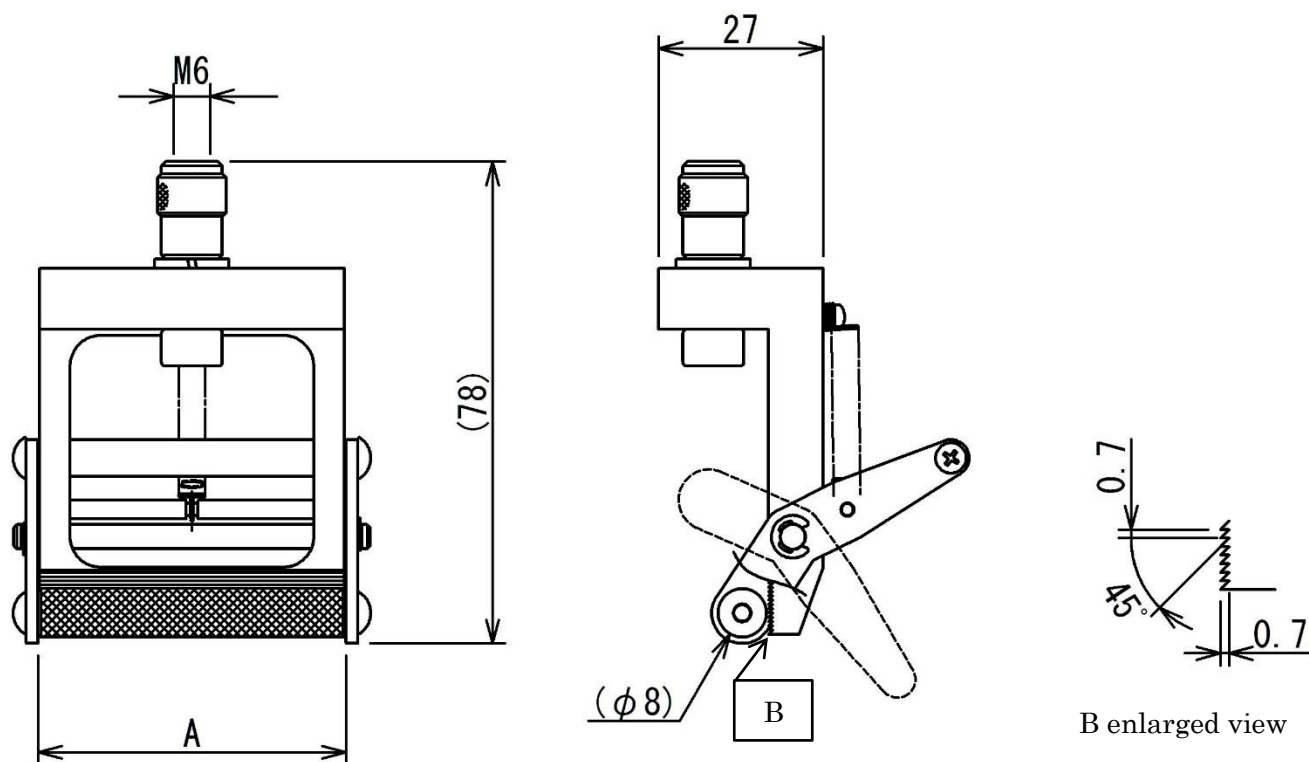
Mountable Force Gauge		
Digital force gauge DST/DSV series	Digital force gauge ZTS/ZTA series	Mechanical force gauge FB/PS/PSM series
<ul style="list-style-type: none"> - Affordable model - Easy data management on PC 	<ul style="list-style-type: none"> - High sampling speed - High functionality - High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

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

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

*1 It complies with a part of the standard.

[Dimensions]



B enlarged view

Unit: mm

Model	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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