

Wedge Grip KC series

Wedge Grip for gripping samples firmly with self-tightening design
Allows to grip samples with a single action
Designed to grip thin and deformable samples including wires and cables



KC-100



KC-1001



KC-5000



Testing Image
(KC-100)



Testing Image
(KC-5000)

Fixing jigs for testing (KC-100)		
Fix grip to the measuring shaft	Open the chuck with the lever	Push the lever down to grip samples
		

Fixing jigs for testing (KC-5000)		
Fix grip to the measuring shaft	Open the chuck with the lever	Push the lever up to grip samples
		

Specifications			
Model	KC-100 *1	KC-1001	KC-5000
Capacity	500N	1000N	5000N
Max. sample thickness	8mm	2mm	5mm
Jaw width	15mm	9.8mm	23.8mm
Throat depth	22mm	15mm	26mm
Dimension	See [Dimensions]		
Weight *2	Approx. 330g	Approx. 95g	Approx. 565g
Mounting part angle		Approx. 13°	Approx. 10°
Mounting screw	M6		M10
Available option	-(*3)	-F : Fixed model (*4)(*5)(*6)	

* Not designed for slippery samples. Please contact us or authorized distributor for available samples.

*1 To mount KC-100 on the test stand, an extension shaft etc. is required. Otherwise the lever of KC-100 cannot fully tighten the grip. Please contact us or authorized distributor for further details.

*2 Weight of the attachment is also applied as a load on the force gauge. Please check the weight when selecting the capacity of a force gauge.

*3 KC-100 standard has fixed mounting screw part.

*4 Fixed model is an optional attachment (sold separately) that the mounting screw part does not move.

*5 We recommend -F option when use with horizontal test stand.

*6 Add the option code after the model name to complete the model with options.

e.g. when adding -F option to KC-1001 ... Model: KC-1001-F

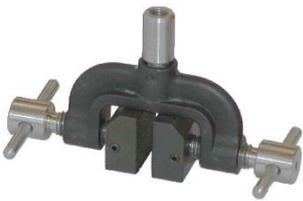
Example of Product Configuration KC-100		
<p>Configuration 1 Code : 1K2001A Basic tension (tensile) test for capacity up to 500N.</p> <p>Digital force gauge : DST-500N Manual test stand : HV-500N II Option attachment : KC-100 Option attachment : GC-1100</p>	 <p>KC-1001 Configuration 1 image</p>	
Example of Product Configuration KC-1001		
<p>Configuration 1 Code : 1K2002A Functional and advanced tension (tensile) test for capacity up to 1000N.</p> <p>Digital force gauge : ZTS-1000N Motorized test stand : MX2-1000N Option attachment : KC-1001 (2pcs) Option cable : CB-528</p>		
Example of Product Configuration KC-5000		
<p>Configuration 1 Code : 1K2003A Functional and advanced tension (tensile) test for capacity up to 5000N.</p> <p>Digital force gauge : ZTS-5000N Motorized test stand : MX2-5000N Option attachment : KC-5000 (2pcs) Option cable : CB-528</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. Please contact us or authorized distributor for further details.

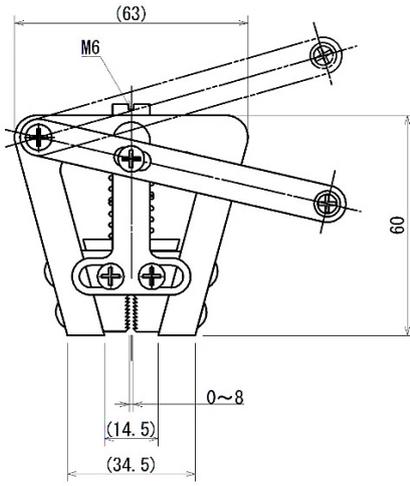
*The recommended capacity of force gauge is different depending on the expected force to be loaded.

*Longer stroke Test-stand required/suitable for samples with a high elongation rate. Please contact the authorized distributor or us for more information/concerns.

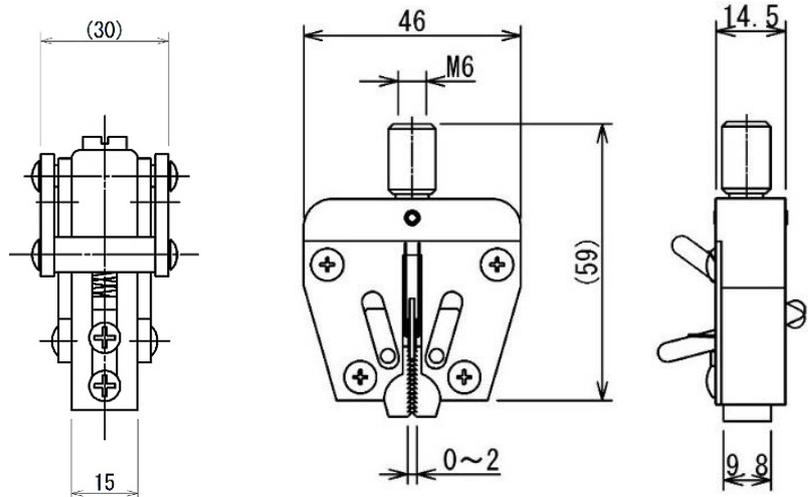
Related Products		
<p>Flat chuck GC-1100/1200/5000, GCF-1200</p>	<p>Wire clamp CW-500</p>	<p>Pantograph grip PGC series</p>
<p>Allows to grip samples of various thickness.</p>	<p>Fix samples with single action. Wedge chuck grips samples firmly.</p>	<p>Enables to grip easy to defom samples such as rubber and resin.</p>
		

[Dimensions]

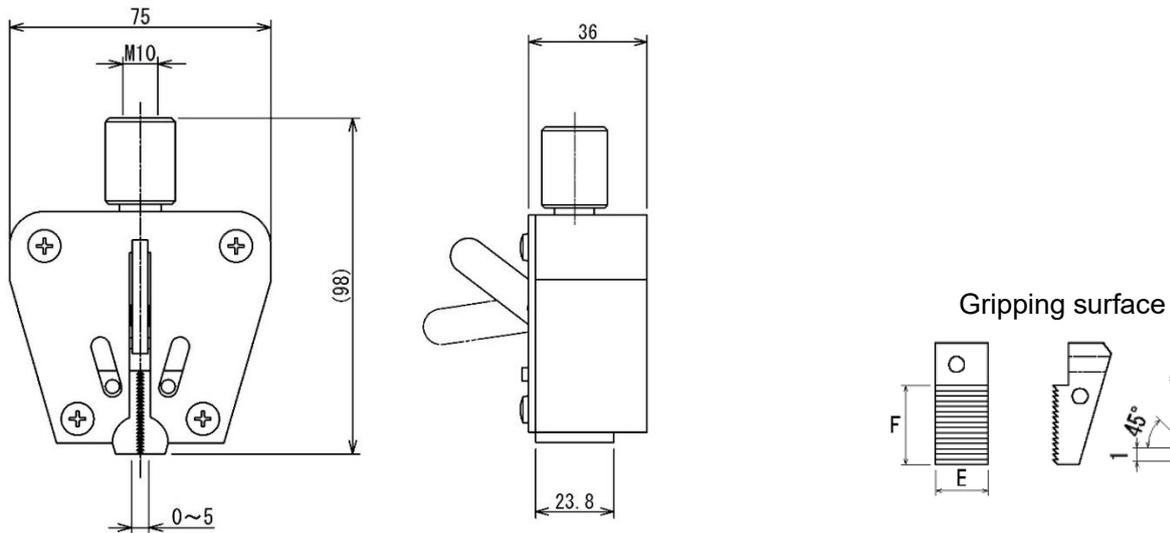
KC-100



KC-1001



KC-5000



[Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- A force gauge (sold separately) is required to use this product.
- Some samples may not be suitable to measure with this product.

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