

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






KC-1001
Configuration 1 image

*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.

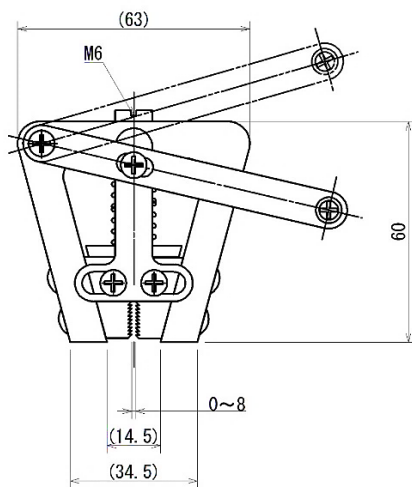
*The recommended capacity of force gauge is different depending on the expected force to be loaded.

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

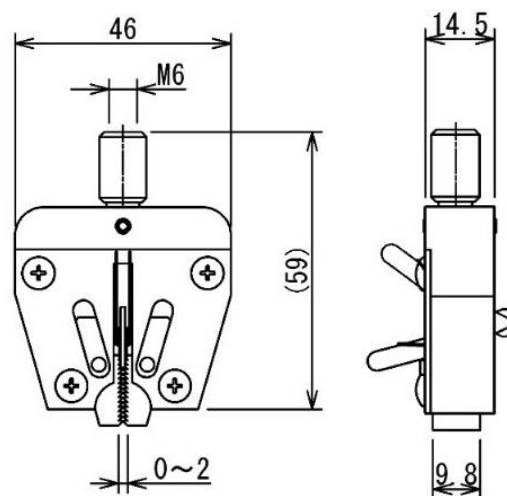
Related Products		
Flat chuck GC-1100/1200/5000, GCF-1200	Wire clamp CW-500	Pantograph grip PGC series
Allows to grip samples of various thickness.	Fix samples with single action. Wedge chuck grips samples firmly.	Enables to grip easy to deform samples such as rubber and resin.
		

[Dimensions]

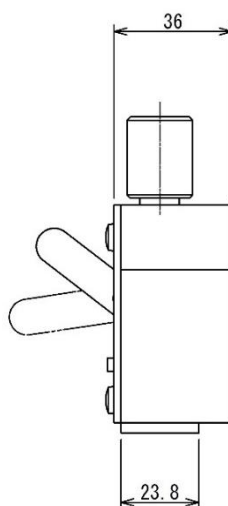
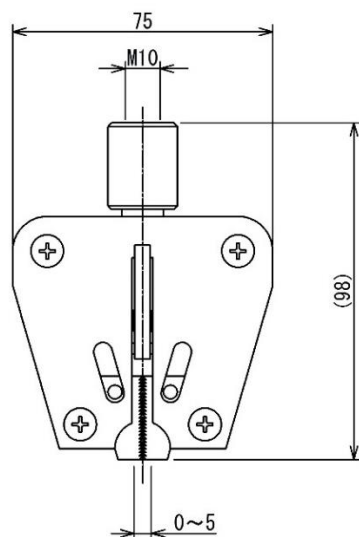
KC-100



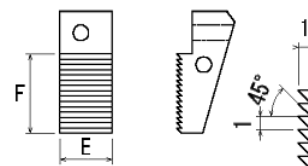
KC-1001



KC-5000



Gripping surface



[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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