

Wedge Grip KC series

Wedge Grip for gripping samples firmly with wedged surface
Allows to grip samples simply with single action
Designed to grip thin and deformable samples such as resin



KC-100



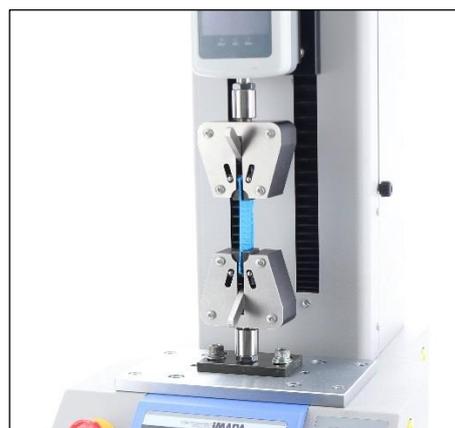
KC-1001



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 | KC-1001 | KC-5000 (for High Capacity) |
| Capacity | 500N | 1000N | 5000N |
| Opening Width | Max. 8mm | Max. 2mm | Max. 5mm |
| Chuck Thickness | 15mm | 9.8mm | 23.8mm |
| Chuck Depth | 22mm | 15mm | 26mm |
| Dimension | See[Dimensions] | | |
| Weight *1 | Approx. 330g | Approx. 95g | Approx. 565g |
| Mounting Part Angle | | Approx. 13° | Approx. 10° |
| Mounting screw | M6 | | M10 |
| Available option | -(*2) | -F : Fixed model (*3)(*4)(*5) | |

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

*1 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.

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

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

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

*5 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

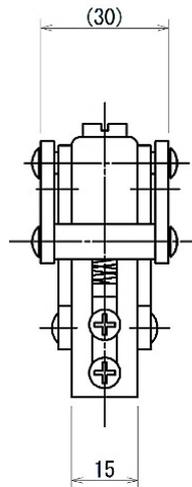
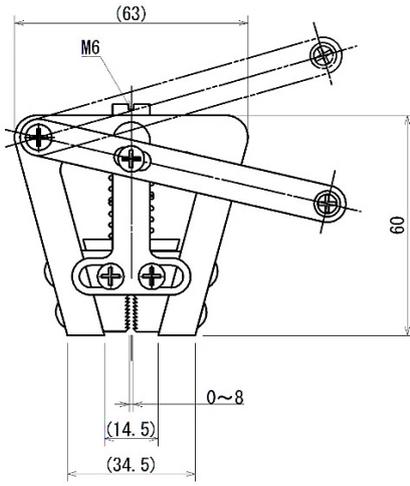
| Example of Product Configuration KC-100 | |
|---|---|
| <p>Configuration 1 Code : 1K2001A Basic tension (tensile) test for capacity up to 500N.</p> <p>Digital force gauge : DST-500N Manual test stand : HV-500N II Option attachment : KC-100 Option attachment : GC-1100</p> |  <p style="text-align: center;">KC-1001 Configuration 1 image</p> |
| <p>Example of Product Configuration KC-1001</p> <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> | |
| <p>Example of Product Configuration KC-5000</p> <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.

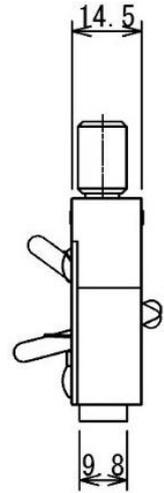
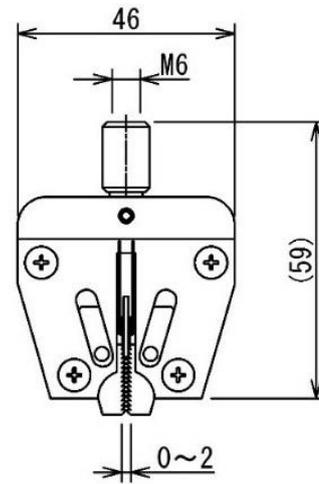
| Related Products | | |
|---|---|---|
| <p>Flat chuck GC-110/1200/5000</p> | <p>Wire clamp CW-500</p> | <p>Pantograph grip PGC series</p> |
| Allows to grip samples of various thickness. | Fix samples with single action. Wedge chuck grips samples firmly. | Enables to grip easy to defom samples such as rubber and resin. |
|  |  |  |

[Dimensions]

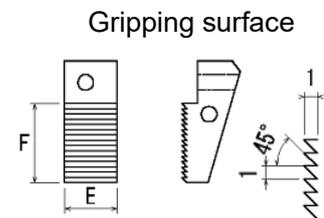
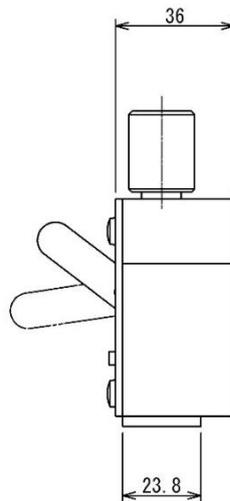
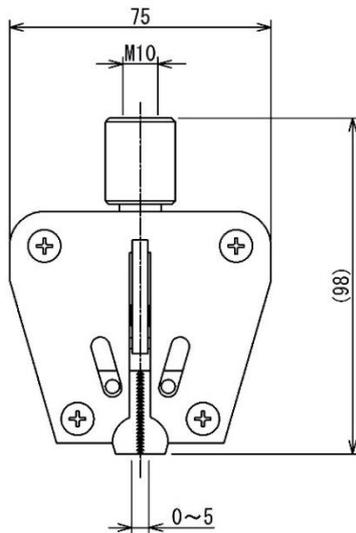
KC-100



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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