

Fixture for film sticking test (Pin & Table) TKS series

TKS series are ideal for sticking strength tests of thin samples such as film. This fixture is an integral component of testing system, so please use it with IMADA force gauges and test stands to carry out the test.

Standard type:TKS-250N		Low cost type for low-load: TKS-20N	
Ideal for sticking strength test of such as liquid crystal film, cover film of automobile battery, thin aluminum, PET bottle, and so on.		Ideal for sticking strength test of thinner film such as retort pouch.	
Capacity: 250N		Capacity: 20N	
Pin: TP-20	Table: TTB-20	Pin-vice: TP-10	Table: TTB-10
			
Sticking test of PET bottle with TKS-250N		Sticking test of film with TKS-20N	
			
Feature		Feature	
	The rubber ring holds samples firmly	More affordable type for low-load measurement up to 20N	
With testing system on P2, measurement according to JIS Z1707 [General rules of plastic films for food packaging] is possible.			

[Recommended testing system]

Pin	Table	Force gauge	Test stand	Connection cable
				
TP-20/10	TTB-20/10	ZTA(ZTS)series	MX2series	CB-518

*With the testing system above, it stops operation before force over capacity is added to prevent sensor break-down. (We cannot assure the perfect prevention against sensor break-down.)

*Please select the appropriate ranges of force gauges and test stands.

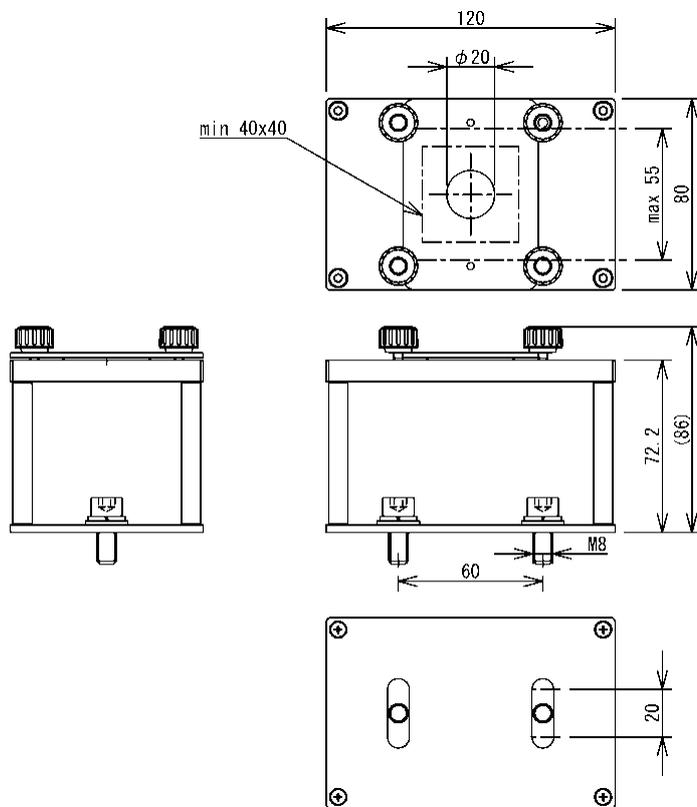
[Detail of Table]

[Specifications]

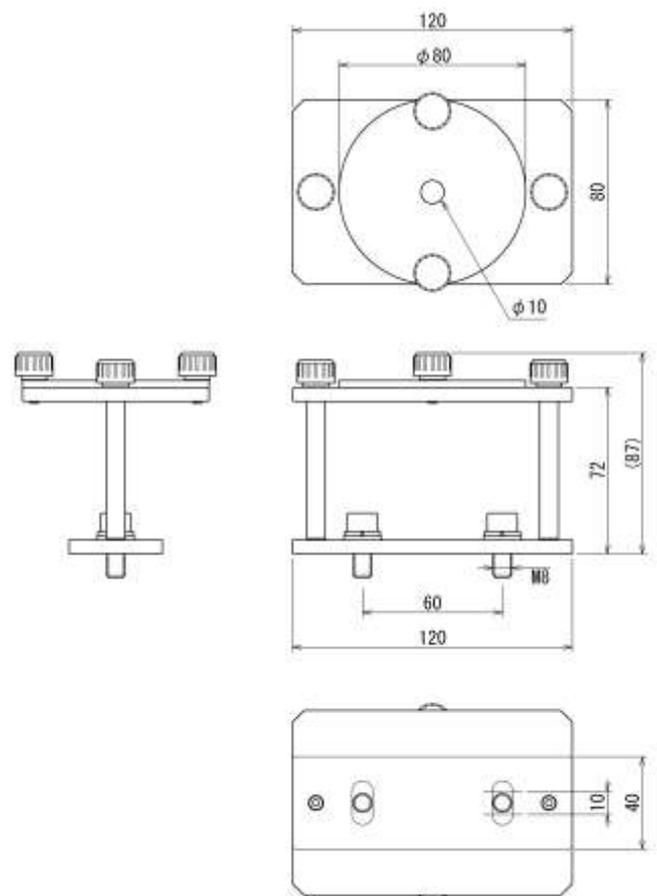
	Table for TKS-250N	Table for TKS-20N
Capacity	250N	20N
Diameter of a hole	φ2 mm *	φ10 mm *
Weight	Approx.1050g	Approx.500g

*Diameter is changeable, so please contact us for more detail.

[Dimensions of Table for TKS-250N]



[Dimensions of Table for TKS-20N]



(Unit:mm)

[Detail of Pin]

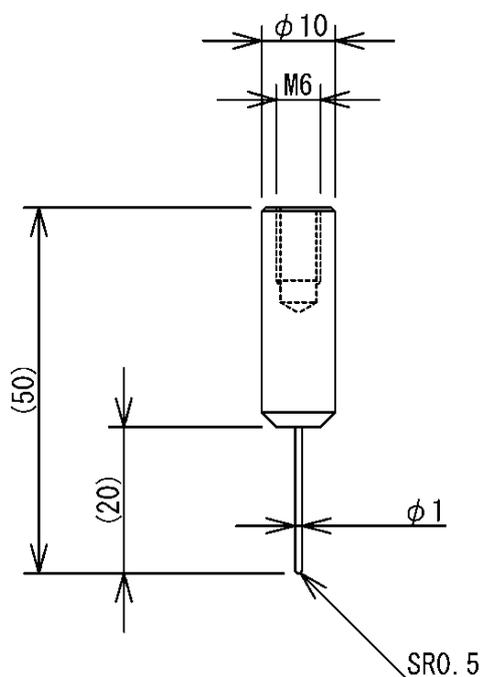
[Specifications]

		Pin for TKS-250N	Pin for TKS-20N
Pin	Capacity	250N	20N
	Diameter	φ1	φ1
	Length	20	30
	Point	SR0.5	SR0.5
	Material	Steel	Stainless
	Weight	Approx.16g	Approx.0.2g
Pin vice	Available in diameter to grip	—	φ0-3.2mm
	Weight	—	Approx.22g

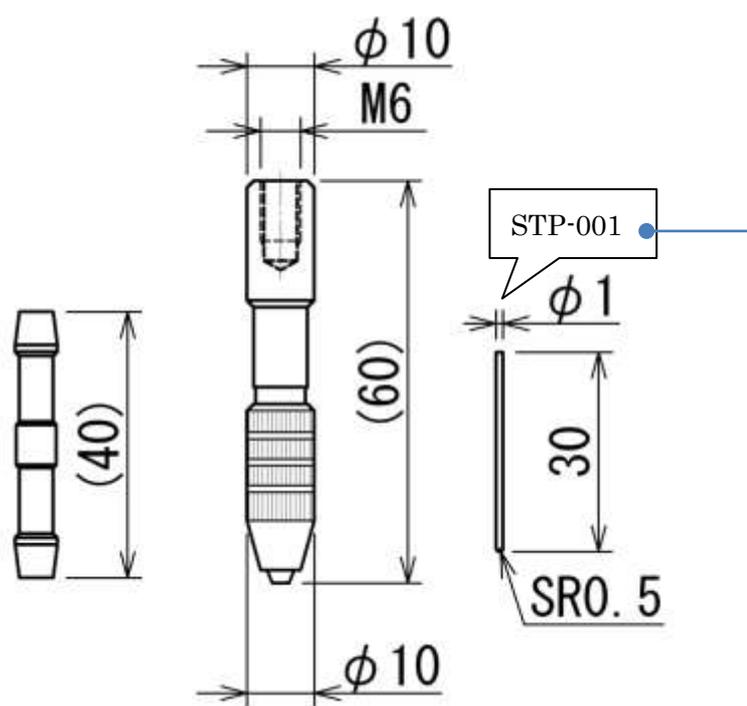
*Pin is likely to be broken or bent when offset load is added.

*2 spare pins are included when you purchase TKS-20N.

[Dimensions of Pin for TKS-250N]



[Dimensions of Pin for TKS-20N]



(Unit:mm)

[Pin for replacement]

You can purchase only pin parts for replacement.

Model	Explanation
TP-20	Pin for TKS-250N
TP-10	3 pcs of the pins for TKS-20N and pin vice.*
STP-001	3 pcs of the pins for TKS-20N.*

* We cannot sell from 1pcs of pin.

[Related products]

Press fixture PR-500N/2500N	90 degree peeling fixture P90-200N
<p data-bbox="188 293 687 320">Durability test of retort pouch with PR series</p> 	<p data-bbox="903 293 1402 320">90 degree peeling test of tape with P90-200N</p> 

*Force gauges, test stands, optional attachments are sold separately.

[Caution]

- The contents may be changed without previous notice.
- All of products are designed for measurement purpose only.
- Force gauges and test stands are not included but necessary to carry out tests.
- Some samples cannot be measured depending on their materials or shapes.
- Do not copy and use this content without authority.

Please feel free to contact us for measurement solutions, distributor's information in your country, and so on.

TEL: +81-(0)532-33-3288
Email: info@forcegauge.net