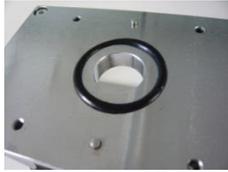


## Fixture (Pin & Table) for film sticking testing TKS series

TKS series are designed for sticking strength tests of thin samples such as film and the like. 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.

Model	Standard type:TKS-250N		Low cost type for low-load: TKS-20N	
Sample Examples	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		20N	
Unit	Pin: TP-20	Table: TTB-20	Pin-vice: TP-10	Table: TTB-10
				
Testing Applications	Sticking test of PET bottle with TKS-250N 		Sticking test of film with TKS-20N 	
Feature		The rubber ring holds samples firmly	More affordable type for low-load measurement up to 20N	
Standard	With the configuration on P2, you can perform measurement according to A part of JIS Z1707 [General rules of plastic films for food packaging].			

**[Specifications]**

Model		TKS-250N	TKS-20N
Table	Capacity	250N	20N
	Diameter of a hole	φ20 mm (*1)	φ10 mm *
	Weight	Approx.1050g	Approx.500g
Pin	Capacity	250N	20N
	Diameter	φ1mm	φ1mm
	Length	20mm	30mm
	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

\*1 We can change the diameter of a hole to fit your particular requirement.

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

\* TKS-20N comes with 2 spare pins.

**[Recommended configuration]** \*This configuration comply with the JIS.

Attachment		Force gauge	Test stand	Connection cable
Pin	Table			
				
TKS-250N		ZTA(ZTS)series	MX2series	CB-518(*1)

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

\*1 With the configuration 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.)

**[Related products]**

**- Pins 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.(*1)
STP-001 (*2)	3 pcs of the pins for TKS-20N.(*1)

\*1 We cannot sell from 1pcs of pin.

\*2 Please refer to dimensions on page 3.

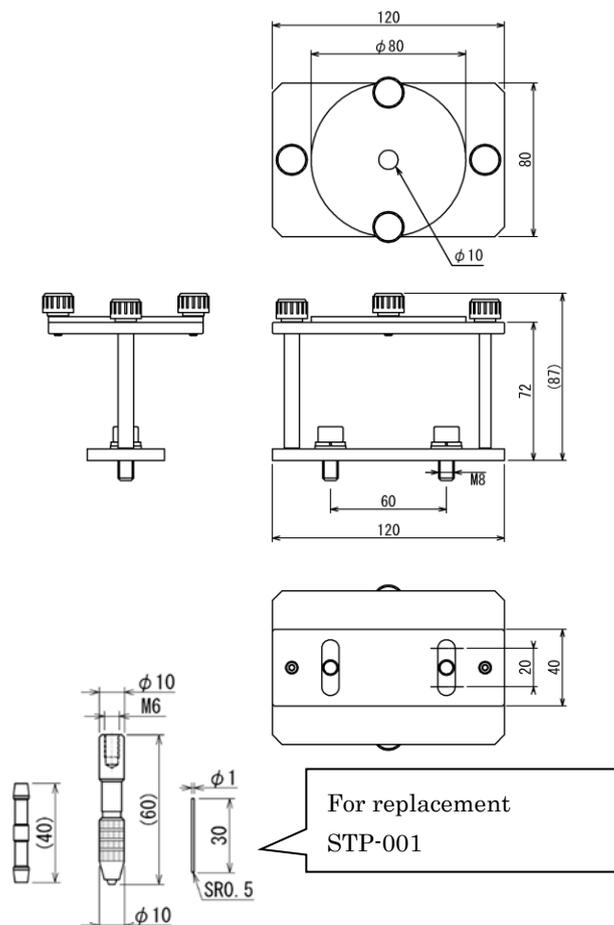
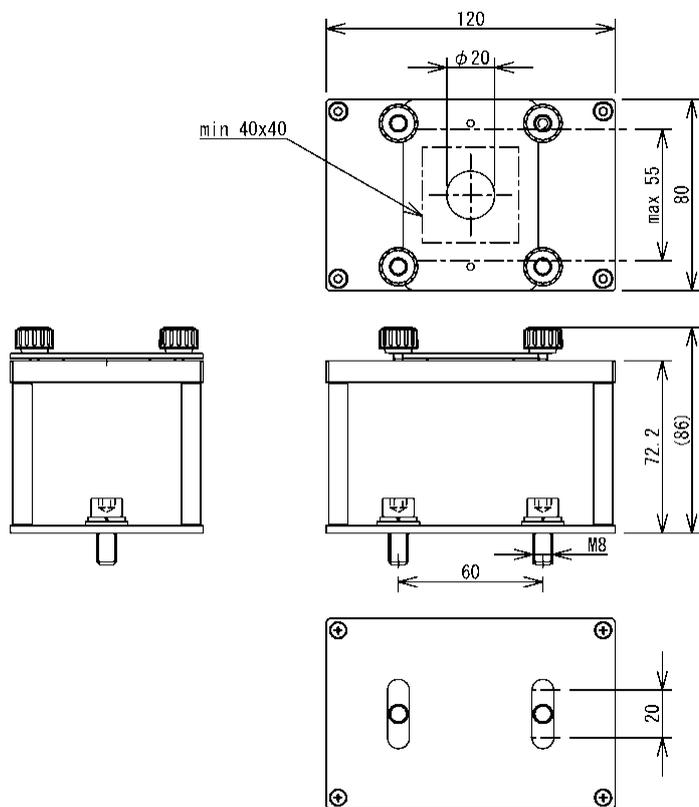
**- Other attachments**

Model	Coefficient of friction fixture COF series	Cum grip GR series	Press fixture PR series
Photo			
Feature	Designed for COF testing. The fixture includes software to draw a graph at 2000 data/sec and calculate the kinetic/static coefficient of friction automatically.	Ideal for tension test of thin and narrow sample	Designed for press testing of retort pouch, heat sealing, and the like.
Standard	COF-2N, COF-2N-V: JIS K 7125(1999)(*1)	—	PR-2500N: JIS Z0238(1998)(*1)

\*1 Comply with a part of the JIS.

**[Dimensions of Table for TKS-250N]**

**[Dimensions of Table for TKS-20N]**



(Unit:mm)

**[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.

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