

# TML

## Pressing Jig for Bonding Strain Gauge

**PRESS & SEE PRESSEE**

### Easy and time-saving works for strain gauge bonding

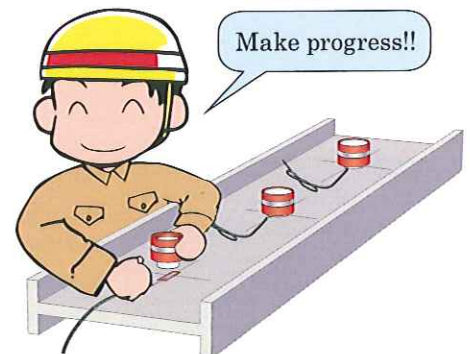


When bonding a strain gauge to the measurement object, it is necessary to keep pressing the strain gauge until the adhesive hardens. PRESSEE is a pressing jig capable of not only pressurizing (PRESS) the strain gauge but also checking the adhesion status from the clear pressing part with eyes (SEE).

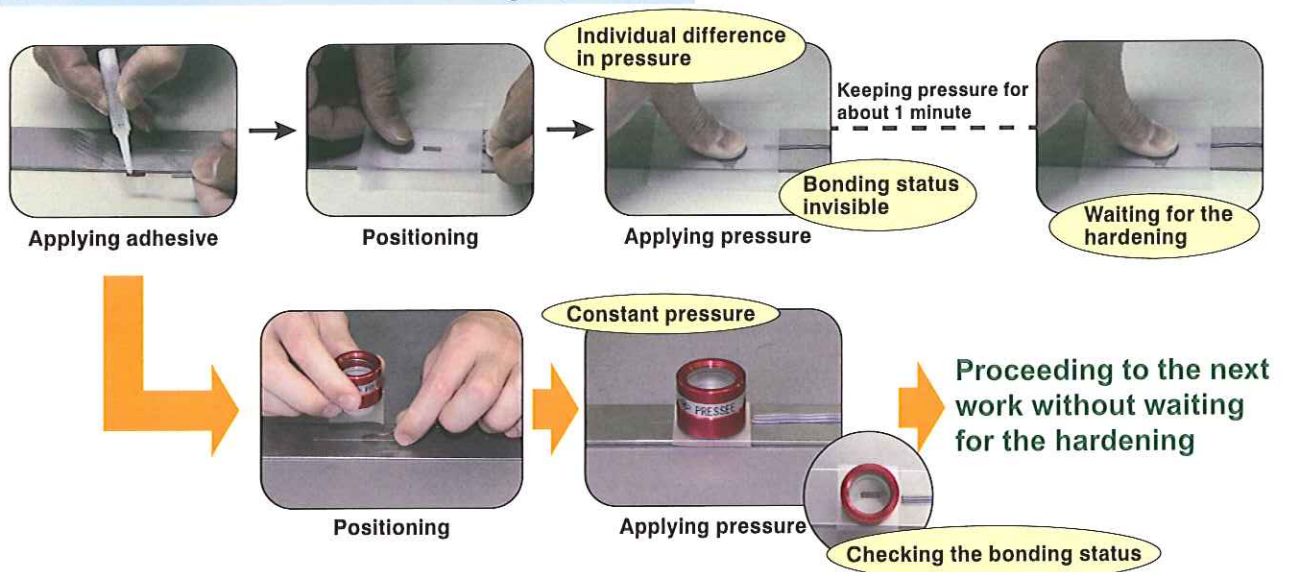
The use of PRESSEE saves time to keep pressing the strain gauge with your finger in the bonding work. In addition, since the PRESSEE can apply a constant pressure to the strain gauge, bonding quality is expected to be more stable than a finger pressure. The bonding status such as the position of strain gauge and the adhesive coverage around the strain gauge backing can be checked through the clear observation window during the pressing.

#### ■ FEATURES

- Magnetic method stabilizes the pressing force and adhesion quality
- As the pressing part is clear, you can check the bonding status with your eyes
- Spring mechanism enables easy attachment and removal with weak force
- Work efficiency is improved because other work can be carried out during pressing
- Small, light, and easy to operate by stack construction

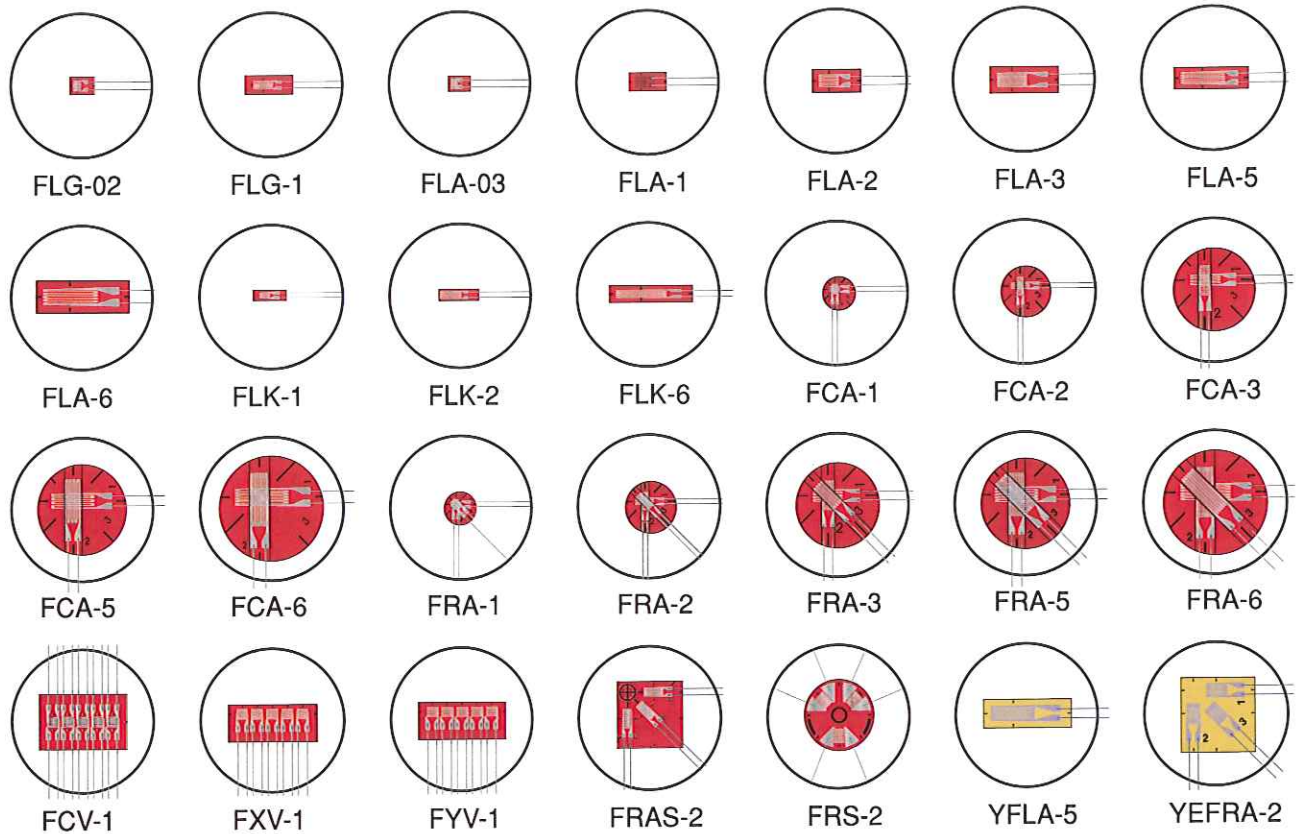


#### Use PRESSEE and bond without finger pressure



Tokyo Sokki Kenkyujo Co., Ltd.

## ■ Examples of strain gauges bondable with PRESSEE

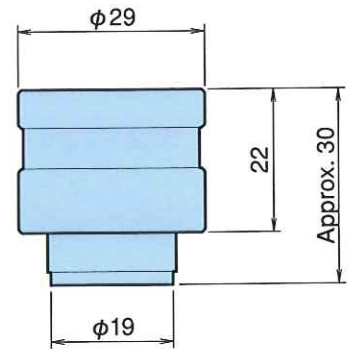


## ■ Specifications

Type	PM-19
Applicable strain gauge	Strain gauge with Gauge length of 6mm or less and Backing dimension of $\phi 15$ mm or less
Pressing method	Magnetic method by permanent magnet
Object to be bonded	Flat surface of magnetic body (such as steel plate with thickness of 1mm or more)
Shape of pressing surface	$\phi 19$ mm (adhesive clear cushion material)
Separating film	Polyethylene sheet (supplied to the strain gauge or optional)
Operational temperature range	+5 to +50 °C (within curing temperature of used adhesive)
External dimensions	$\phi 29 \times$ Approx. 30* mm
Weight	Approx. 30g

\* Contracts with spring mechanism when pressing.

## ■ Outer View



Unit : mm

Information in this document is subjected to change without notice. Information in this document is as of October, 2014.



Approval Certificate **ISO9001**  
Design and manufacture of  
strain gauges, strain measuring  
equipment and transducers



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