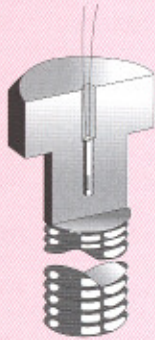


Gages for Measuring Axial Tension of Bolt

KFG



- Gage Factor Approx. 1.9
- Applicable Linear Expansion Coefficient 11





Applicable Adhesives and Operating Temperature Ranges

- EP-18: -50 to 100°C
- EP-34B: -55 to 150°C

■ Foil Strain Gages for Measuring Axial Tension of Bolt

If it is difficult to bond a strain gage to the surface of a bolt for measuring the tightening stress, these gages enable the measurement by embedding into a hole, 2mm diameter, bored through the top head of the bolt. They are applicable to materials having a linear expansion coefficient of $11 \times 10^{-6}/^{\circ}\text{C}$.

KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p>KFG-3-120-C20-11</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Base Size 11.5 x φ1.9mm ● Gage Length 3 mm ● Gage Resistance 120Ω ● Pieces per Pack 5 	<p>2 polyester-coated copper wires 5cm long</p> 	-55 to 150°C	5cm	KFG-3-120-C20-11
 <p>KFG-1.5-120-C20-11</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Base Size 5 x φ1.9mm ● Gage Length 1.5 mm ● Gage Resistance 120Ω ● Pieces per Pack 5 	<p>2 polyester-coated copper wires 5cm long</p> 	-55 to 150°C	5cm	KFG-1.5-120-C20-11