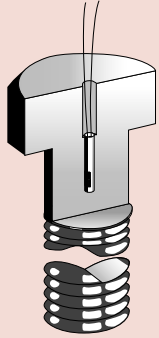


Gages for Measuring Axial Tension of Bolt

KFG



● Gage Factor Approx. 1.9

● Applicable Linear Expansion Coefficient 11





Applicable Adhesives and Operating Temperature Ranges

EP-18: Room temp. to 50°C
EP-34B: Room temp. to 50°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 |