
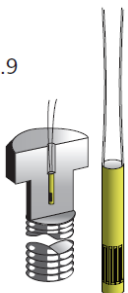


# Strain Gages for Measuring Axial Tension of Bolts

Patterns Gage Resistance, Gage Factors	Models	Dimensions (mm)				Remarks																												
		Gage (Grid)		Base																														
		Length	Width	Length	Width																													
<p><b>●KFB Strain Gages for Measuring Axial Tension of Bolts</b></p> <p><b>Uniaxial</b> Resistance: 120 Ω Gage factor: Approx. 1.9</p> <p><b>RoHS</b></p> <p>If it is difficult to bond a strain gage to the surface of a bolt for measuring the tightening stress, these gages enable measurement by embedding them into a hole, 2 mm diameter, bored from the top head of the bolt.</p> <p>φ0.14 Polyester-coated copper cable 5 cm long</p> <p><b>Applicable Adhesives</b></p> <table border="1"> <tr> <td></td> <td>Operating Temp. after Curing the Adhesive</td> </tr> <tr> <td>EP-370</td> <td>Normal Temp. to 50°C</td> </tr> </table> <p>5 gages/pkg</p> <p><b>Optional Accessories</b> Dedicated gage terminal</p> <table border="1"> <tr> <th>Model</th> <th>Dimensions</th> <th>Base material</th> <th>Conductor material</th> <th>Remarks</th> </tr> <tr> <td>T-F29</td> <td>Outer: φ6 Inner: φ2.5</td> <td>Glass epoxy</td> <td>Copper foil</td> <td>For bolt gages</td> </tr> </table> <p> T-F29</p> <p>Length from the tip of base to the center of grid</p> <table border="1"> <tr> <td>KFB-3: 2.7 mm</td> </tr> <tr> <td>KFB-1.5: 1.75 mm</td> </tr> </table>  <table border="1"> <tr> <td>KFB-3-120-C20-11 N5C2</td> <td>3</td> <td>Approx. 6</td> <td>11.5</td> <td>φ1.9</td> <td>Bore diameter 2</td> </tr> <tr> <td>KFB-1.5-120-C20-11 N5C2</td> <td>1.5</td> <td>Approx. 6</td> <td>5</td> <td>φ1.9</td> <td>Bore diameter 2</td> </tr> </table>								Operating Temp. after Curing the Adhesive	EP-370	Normal Temp. to 50°C	Model	Dimensions	Base material	Conductor material	Remarks	T-F29	Outer: φ6 Inner: φ2.5	Glass epoxy	Copper foil	For bolt gages	KFB-3: 2.7 mm	KFB-1.5: 1.75 mm	KFB-3-120-C20-11 N5C2	3	Approx. 6	11.5	φ1.9	Bore diameter 2	KFB-1.5-120-C20-11 N5C2	1.5	Approx. 6	5	φ1.9	Bore diameter 2
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