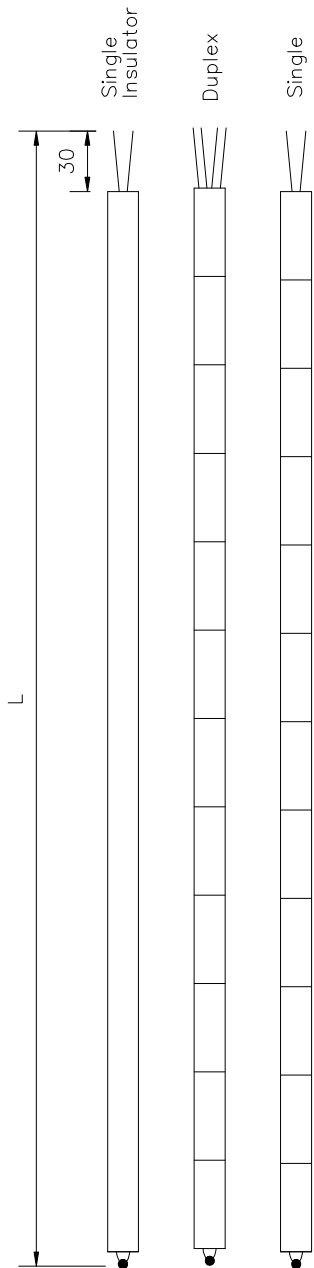




## Basic Thermocouple Insulated Element

Type Designation	<b>BTE</b>
Measuring Range	<b>-200 to + 1700 ° C</b>
Common Sensor Types	<b>K,J,N,T,E,R,S,B,W</b>
Common Diameters	<b>Ø 0.15mm to 3.25mm, SWG sizes</b>
Insulator Sizes	<b>Oval or Round, Ø 3.0 to 12.0mm</b>
Common Insulation	<b>Recrystallised Alumina, Pythagoras</b>
Common Stranding	<b>Single Strand</b>
Tail length	<b>30mm</b>
Application Notes	<ul style="list-style-type: none"> <li>■ Inexpensive sensor</li> <li>■ Replacement element</li> <li>■ For assembly into Insulator / Sheath</li> <li>■ Low thermal mass</li> <li>■ Suitable for equipment assemblies</li> <li>■ Special Options</li> <li>■ Single &amp; multiple insulator</li> <li>■ Duplex and Triplex</li> <li>■ Fish spine beads and crimps on tails</li> <li>■ Staggered Junctions</li> <li>■ Insulators available separately</li> </ul>



Visit the Peak Sensors Online design guide at  
[www.peakensors.com](http://www.peakensors.com)

PEAK SENSORS LTD

Kelvin House | Station Lane Industrial Estate | Chesterfield | S41 9QX | United Kingdom

TEL: **+44 (0)1246 261999** | FAX: **+44 (0)1246 261888**

The technical information provided on any pages of the Peak Sensors brochure is advisory only and should not be relied on for any design, process or production. We will be pleased to undertake specific technical advisory work under our normal terms of service. Peak Sensors Ltd accepts no responsibility for any loss or damage caused through reliance on any information contained therein.