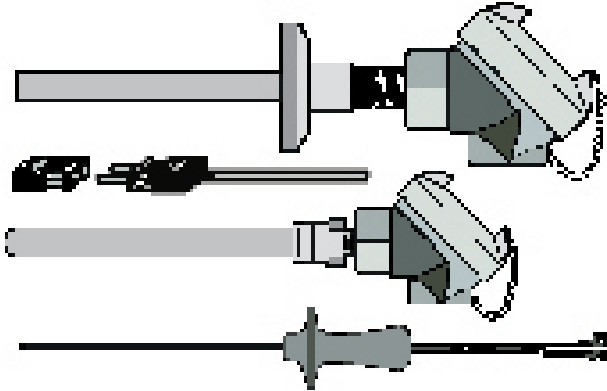


# Custom Thermocouples

If you can **DESIGN** it,  
**DESCRIBE** it, or **DRAW** it,  
we can probably **SUPPLY** it!!!



To place an order or receive a price quote for your temperature assembly:

1. Make a copy of these pages. To ensure a prompt response, be sure to complete the information below.
2. Check one box in each table section.
3. When you have completed your selections, send the appropriate pages to Lesman Inside Sales for your quotation.
4. Please allow 3-4 weeks for delivery. Express delivery (72 hour shipment) is available for an additional \$25 for up to three pieces of the same configuration, and \$5 for each piece after that. 24-hour service is available for an additional \$50 charge. Express delivery may not be available on some assemblies. Call Lesman for details.

### Custom Assemblies

If you can design, describe, or draw the temperature assembly you need, we can probably supply it! Just mail, fax, or call us with your drawing or description, and we'll gladly quote your requirements.

**REQUEST Express**

And have your custom thermocouples shipped in 5 working days or less!

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Street: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 E-mail Address: \_\_\_\_\_  
 Phone: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_  
 This is a: Request for Quote Order: PO# \_\_\_\_\_  
 Quantity Needed: \_\_\_\_\_ Date Required: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Shipping Method: \_\_\_\_\_ Partial Accepted: Yes No

**Custom Thermocouples Available in just 72 HOURS! Request Express Delivery**

## MgO Insulated Thermocouple Assemblies



<b>Sensor Type</b> <input type="checkbox"/> E (Chromel-Constantan) <input type="checkbox"/> R (Plat-Plat 13% Rhod.) <input type="checkbox"/> J (Iron-Constantan) <input type="checkbox"/> S (Plat-Plat 10% Rhod.) <input type="checkbox"/> K (Chromel-Alumel) <input type="checkbox"/> T (Copper-Constantan) <input type="checkbox"/> Single Element <input type="checkbox"/> Dual Element (2 thermocouples in the same sheath)	
<b>Sheath Material</b> <input type="checkbox"/> 304 SS <input type="checkbox"/> 446 SS <input type="checkbox"/> 316 SS <input type="checkbox"/> Inconel 600	
<b>Sheath O.D.</b> <input type="checkbox"/> 1/16" <input type="checkbox"/> 1/4" <input type="checkbox"/> 1/8" <input type="checkbox"/> 3/8" <input type="checkbox"/> 3/16"	
<b>Sheath Length (in inches)</b> _____	
<b>Hot Junction</b> <input type="checkbox"/> Grounded <input type="checkbox"/> Exposed <input type="checkbox"/> Ungrounded	
<b>Sheath Coating</b> <input type="checkbox"/> None <input type="checkbox"/> Teflon	
<b>Element Fitting</b> <input type="checkbox"/> None <input type="checkbox"/> Stainless Steel Compression Fitting 1/8" NPT for 1/16", 1/8" or 3/16" O.D. Sheath 1/4" NPT for 1/4" or 3/8" O.D. Sheath	
<b>Sheath Termination</b> (If you want the lead wires to come directly out of the thermocouple, skip this table and move on to the next table.) <input type="checkbox"/> Thermocouple plug with mating jack (1/16" to 1/4" O.D. sheaths only). <input type="checkbox"/> Miniature plastic termination head with cap; 1/4" NPT process connection, 3/8" NPT conduit opening. <input type="checkbox"/> Explosion-proof screw head and cover; 1/2" NPT stainless steel mating fitting, 3/4" NPT conduit connection. <input type="checkbox"/> Cast aluminum screw head and cover; 1/2" NPT stainless steel hex mating fitting, 3/4" NPT conduit conn. <input type="checkbox"/> Cast iron screw head and cover; 1/2" NPT stainless steel hex mating fitting, 3/4" NPT conduit conn.	
<b>Sheath Transition</b> <input type="checkbox"/> 1" Stripped leads coming directly out of the thermocouple sheath. <input type="checkbox"/> Extension leadwire transition fitting and relief spring (select extension wire below) <input type="checkbox"/> Extension leadwire transition fitting with heat shrink tubing (select extension wire below)	
<b>Extension Wire Specify Length (in inches)</b> _____ <input type="checkbox"/> Standard fiberglass <input type="checkbox"/> Fiberglass with flexible armor	
<b>Extension Wire Terminations</b> <input type="checkbox"/> Leads not stripped <input type="checkbox"/> Leads stripped 2" <input type="checkbox"/> Leads stripped 2" with spade lugs	