

# Quick Disconnect Thermocouple Probe Assemblies

## with High Temperature Miniature Connectors

### Standard and Metric



- ✓ Connector Body Temperature Ratings: 260°C (500°F)
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer
- ✓ Miniature Probes with Sheath Diameters from 0.010 to 0.125"
- ✓ 6" and 12" Lengths†
- ✓ 304 SS and Inconel Sheaths with Grounded, Ungrounded or Exposed Junction
- ✓ Terminations are Color-Coded and Identified with Calibration Letter Code
- ✓ Mating Connector and Cable Clamp Sold Separately
- ✓ Cal-5 Available

**XL Sheaths for Highest Temperatures, Greatest Stability in Type K and Type N.**

Mating connectors with cable clamp sold separately. Images are for reference only.



Shown smaller than actual size.  
Quick disconnect style

To Order			
Thermocouple Alloy	Sheath Dia. (inches)	Model Number 6" Length	Model Number 12" Length
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	0.010	H SICSS-010(*)-6	H SICSS-010(*)-12
	0.020	H SICSS-020(*)-6	H SICSS-020(*)-12
	0.032	H SICSS-032(*)-6	H SICSS-032(*)-12
	0.040	H JMQSS-040(*)-6	H JMQSS-040(*)-12
	0.062	H JMQSS-062(*)-6	H JMQSS-062(*)-12
CHROMEALOMEGA™ 304 SS Sheath <b>K**</b>	0.010	H SCASS-010(*)-6	H SCASS-010(*)-12
	0.020	H SCASS-020(*)-6	H SCASS-020(*)-12
	0.032	H SCASS-032(*)-6	H SCASS-032(*)-12
	0.040	H KMQSS-040(*)-6	H KMQSS-040(*)-12
	0.062	H KMQSS-062(*)-6	H KMQSS-062(*)-12
CHROMEALOMEGA™-CONSTANTAN 304 SS Sheath <b>E</b>	0.010	H SCXSS-010(*)-6	H SCXSS-010(*)-12
	0.020	H SCXSS-020(*)-6	H SCXSS-020(*)-12
	0.032	H SCXSS-032(*)-6	H SCXSS-032(*)-12
	0.040	H EMQSS-040(*)-6	H EMQSS-040(*)-12
	0.062	H EMQSS-062(*)-6	H EMQSS-062(*)-12
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	0.020	H SC PSS-020(*)-6	H SC PSS-020(*)-12
	0.032	H SC PSS-032(*)-6	H SC PSS-032(*)-12
	0.040	H TMQSS-040(*)-6	H TMQSS-040(*)-12
	0.062	H TMQSS-062(*)-6	H TMQSS-062(*)-12
	0.125	H TMQSS-125(*)-6	H TMQSS-125(*)-12

To Order			
Thermocouple Alloy	Sheath Dia. (mm)	Model Number 150 mm Length	Model Number 300 mm Length
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	0.25	H JMQSS-M025(*)-150	H JMQSS-M025(*)-300
	0.50	H JMQSS-M050(*)-150	H JMQSS-M050(*)-300
	0.75	H JMQSS-M075(*)-150	H JMQSS-M075(*)-300
	1.00	H JMQSS-M100(*)-150	H JMQSS-M100(*)-300
	1.50	H JMQSS-M150(*)-150	H JMQSS-M150(*)-300
	3.00	H JMQSS-M300(*)-150	H JMQSS-M300(*)-300
CHROMEALOMEGA™ 304 SS Sheath <b>K**</b>	0.25	H KMQSS-M025(*)-150	H KMQSS-M025(*)-300
	0.50	H KMQSS-M050(*)-150	H KMQSS-M050(*)-300
	0.75	H KMQSS-M075(*)-150	H KMQSS-M075(*)-300
	1.00	H KMQSS-M100(*)-150	H KMQSS-M100(*)-300
	1.50	H KMQSS-M150(*)-150	H KMQSS-M150(*)-300
	3.00	H KMQSS-M300(*)-150	H KMQSS-M300(*)-300
CHROMEALOMEGA™-CONSTANTAN 304 SS Sheath <b>E</b>	0.25	H EMQSS-M025(*)-150	H EMQSS-M025(*)-300
	0.50	H EMQSS-M050(*)-150	H EMQSS-M050(*)-300
	0.75	H EMQSS-M075(*)-150	H EMQSS-M075(*)-300
	1.00	H EMQSS-M100(*)-150	H EMQSS-M100(*)-300
	1.50	H EMQSS-M150(*)-150	H EMQSS-M150(*)-300
	3.00	H EMQSS-M300(*)-150	H EMQSS-M300(*)-300
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	0.50	H TMQSS-M050(*)-150	H TMQSS-M050(*)-300
	0.75	H TMQSS-M075(*)-150	H TMQSS-M075(*)-300
	1.00	H TMQSS-M100(*)-150	H TMQSS-M100(*)-300
	1.50	H TMQSS-M150(*)-150	H TMQSS-M150(*)-300
	3.00	H TMQSS-M300(*)-150	H TMQSS-M300(*)-300

\* Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded) † Other lengths available, consult Sales department.  
 \*\* For highest temperature and stability rating, change "SS" or "IN" to "XL" for additional cost.  
 Probes of 1 mm (0.040") diameter and larger supplied with connector molded to probe. Smaller sizes supplied with removable connector.  
 To Order with Inconel Sheath, change 'SS' in model number to 'IN'. Example: HKMQIN-040G-6, no additional charge.  
 To Order with 321 SS Sheath, change 'SS' in model number to '321SS'. Example: HKMQ321SS-125E-12, no additional charge.  
**Ordering Example: HKMQSS-M300U-300**, subminiature quick disconnect probe, Type K, stainless steel sheath, 3 mm OD, ungrounded junction, 300 mm long.

## Standard Accessories

Thermocouple Alloy	Model Number 6" Length	Model Number 12" Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	HASICSS-010(*)-6 HASICSS-020(*)-6 HASICSS-032(*)-6 HJMQSS-040(*)-6 HJMQSS-062(*)-6 HJMQSS-125(*)-6	HASICSS-010(*)-12 HASICSS-020(*)-12 HASICSS-032(*)-12 HJMQSS-040(*)-12 HJMQSS-062(*)-12 HJMQSS-125(*)-12	HMPW-J-F	PCLM	SMCL
CHROMEGA™-ALOMEGA™ 304 SS Sheath <b>K**</b>	HSCASS-010(*)-6 HSCASS-020(*)-6 HSCASS-032(*)-6 HKMQSS-040(*)-6 HKMQSS-062(*)-6 HKMQSS-125(*)-6	HSCASS-010(*)-12 HSCASS-020(*)-12 HSCASS-032(*)-12 HKMQSS-040(*)-12 HKMQSS-062(*)-12 HKMQSS-125(*)-12	HMPW-K-F		
CHROMEGA™-CONSTANTAN 304 SS Sheath <b>E</b>	HSCXSS-010(*)-6 HSCXSS-020(*)-6 HSCXSS-032(*)-6 HEMQSS-040(*)-6 HEMQSS-062(*)-6 HEMQSS-125(*)-6	HSCXSS-010(*)-12 HSCXSS-020(*)-12 HSCXSS-032(*)-12 HEMQSS-040(*)-12 HEMQSS-062(*)-12 HEMQSS-125(*)-12	HMPW-E-F		
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	HSCPSS-020(*)-6 HSCPSS-032(*)-6 HTMQSS-040(*)-6 HTMQSS-062(*)-6 HTMQSS-125(*)-6	HSCPSS-020(*)-12 HSCPSS-032(*)-12 HTMQSS-040(*)-12 HTMQSS-062(*)-12 HTMQSS-125(*)-12	HMPW-T-F		

All Accessories Sold Separately.

\* Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded) † Other lengths available, consult Sales department.

\*\* For highest temperature and stability rating, change "SS" or "IN" to "XL" for additional cost.

## METRIC Accessories

Thermocouple Alloy	Model Number 150 mm Length	Model Number 300 mm Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	HJMQSS-M025(*)-150 HJMQSS-M050(*)-150 HJMQSS-M075(*)-150 HJMQSS-M100(*)-150 HJMQSS-M150(*)-150 HJMQSS-M300(*)-150	HJMQSS-M025(*)-300 HJMQSS-M050(*)-300 HJMQSS-M075(*)-300 HJMQSS-M100(*)-300 HJMQSS-M150(*)-300 HJMQSS-M300(*)-300	HMPW-J-F	PCLM	SMCL
CHROMEGA™-ALOMEGA™ 304 SS Sheath <b>K**</b>	HKMQSS-M025(*)-150 HKMQSS-M050(*)-150 HKMQSS-M075(*)-150 HKMQSS-M100(*)-150 HKMQSS-M150(*)-150 HKMQSS-M300(*)-150	HKMQSS-M025(*)-300 HKMQSS-M050(*)-300 HKMQSS-M075(*)-300 HKMQSS-M100(*)-300 HKMQSS-M150(*)-300 HKMQSS-M300(*)-300	HMPW-K-F		
CHROMEGA™-CONSTANTAN 304 SS Sheath <b>E</b>	HEMQSS-M025(*)-150 HEMQSS-M050(*)-150 HEMQSS-M075(*)-150 HEMQSS-M100(*)-150 HEMQSS-M150(*)-150 HEMQSS-M300(*)-150	HEMQSS-M025(*)-300 HEMQSS-M050(*)-300 HEMQSS-M075(*)-300 HEMQSS-M100(*)-300 HEMQSS-M150(*)-300 HEMQSS-M300(*)-300	HMPW-E-F		
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	HTMQSS-M050(*)-150 HTMQSS-M075(*)-150 HTMQSS-M100(*)-150 HTMQSS-M150(*)-150 HTMQSS-M300(*)-150	HTMQSS-M050(*)-300 HTMQSS-M075(*)-300 HTMQSS-M100(*)-300 HTMQSS-M150(*)-300 HTMQSS-M300(*)-300	HMPW-T-F		

All Accessories Sold Separately.

\* Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded) † Other lengths available, consult Sales department.

\*\* For highest temperature and stability rating, change "SS" or "IN" to "XL" for additional cost.