

# Unique Surface/ Insertion Probes

## 88000 Series



Adaptor Sold Separately
TAS-K-3
TAS-E-3

### Model No. 88008(\*)

Micro-sensor probe, designed for precise measurements of small surface areas, such as transistors and integrated circuits. Small contact surface area of 1.0 x 3.0 mm (0.040 x 0.118")

for fast response. 400°C (750°F) max surface temperature.

**Note:** element not replaceable.

All the probes in this series meet the Standard Limits of Error.

### Model No. 88014(\*)

Right angle version of the 88013. Fast-response spring-loaded compact tip probe, for measurements to 815°C (1500°F). Surface pad made from 400 series stainless steel. 4.75 mm dia. (0.187") surface area. Not designed for long-term exposure to high temperatures.

**Note:** element not replaceable.

### Model No. 88104(\*)

Right angle version of the 88008, with unique lateral spring design and small contact surface area. 400°C (750°F) max surface temperature.

**Note:** element not replaceable.

Visit us online for dimensions.

All models shown smaller than actual size.

### Model No. 88013(\*)

Fast-response spring-loaded compact tip probe, for measurements to 815°C (1500°F). Surface pad made from 400 series stainless steel. 4.75 mm diameter. (0.187") surface area. Not designed for long-term exposure to high temperatures. **Note:** element not replaceable.

### Model No. 88307(\*)

Longer version of the 88306, with 300 mm (12") sheath.

**Note:** element not replaceable.

### Model No. 88305(\*)

Measure temperatures in moving air, with drilled sheath to protect the thermocouple, while exposing it to air flow. 0.5 to 20 second response time (depending on air velocity). 480°C (900°F) max service temperature.

**Note:** element not replaceable.

\* Specify Calibration K or E.

**Model No. 88306(\*)**

Pointed tip design, ideal for measuring soft and semi-frozen material, molten plastics and rubbers. 102 mm (4") sheath, with 6 to 20 seconds response time. 500°C (930°F) max service temperature.

**Note:** element not replaceable.

All models shown smaller than actual size.

Visit us online for dimensions.

**Model No. 88308(\*)**

Specially designed fine hypodermic needle probe, least likely to disturb the surrounding insertion area. 6 to 20 second response time, 205°C (400°F) max service temperature.

**Note:** element not replaceable.

**Model No. 88301(\*)**


Suitable for measuring internal temperatures of semi-solid materials, such as rubbers, plastics, clay, etc., as well as for liquid measurements. Tapered stainless steel sheath with 480°C (900°F) maximum service temperature.

**Note:** element not replaceable.

Adaptor Sold Separately

TAS-K-3

TAS-E-3



All models supplied with a molded SMP or SMPW subminiature male connector. TAS adaptor sold separately.

TAS adaptor



**Model No. 88009(\*)**

Thin-body type probe designed to measure the surface of the bottom of narrow gaps or slits, like that of a plate heater. 260°C (500°F) max service temperature.

**Note:** element not replaceable.

**Ordering Example:** 88009E, style 88009 probe in Type E thermocouple.

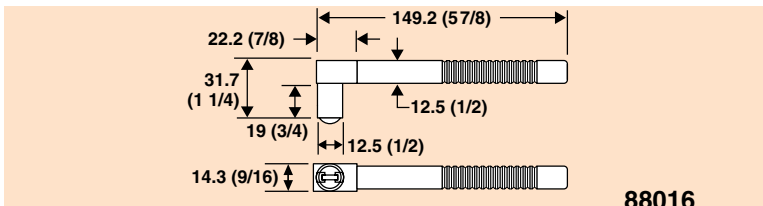
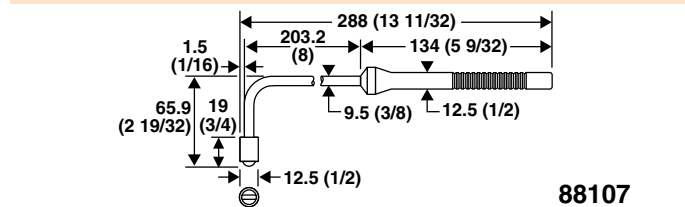
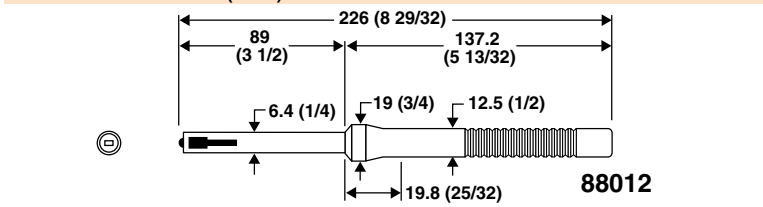
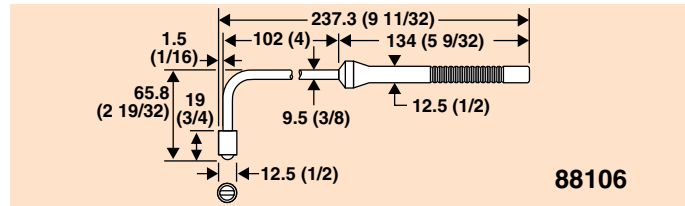
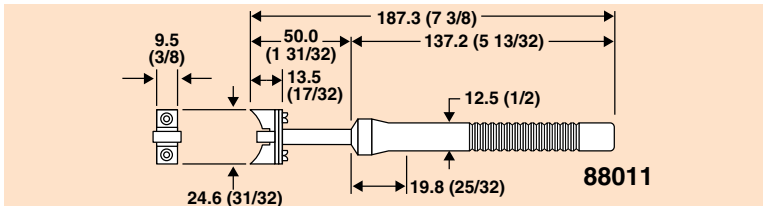
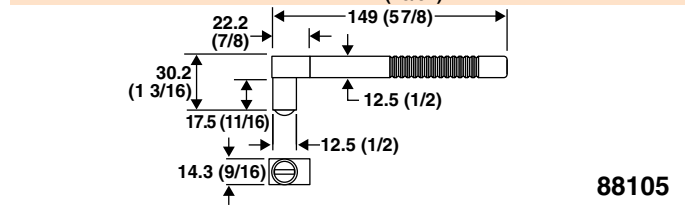
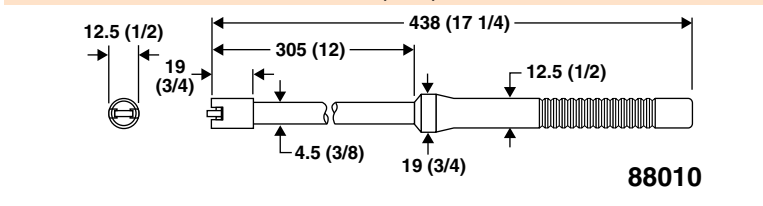
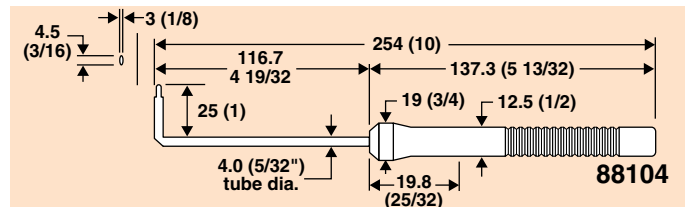
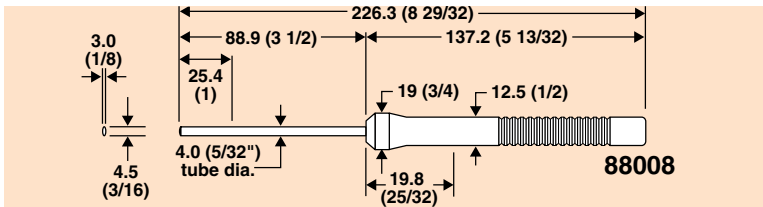
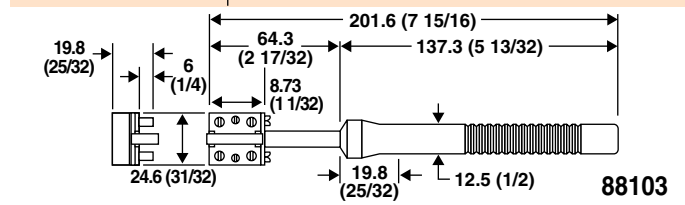
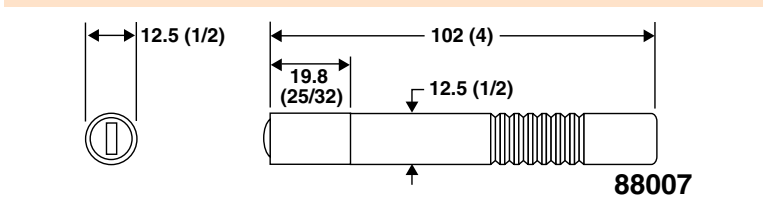
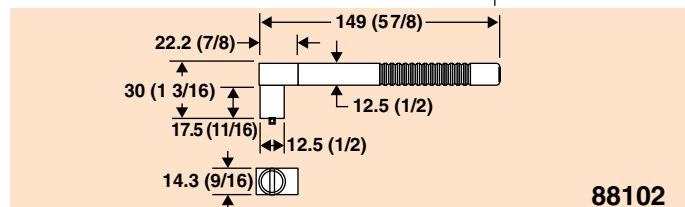
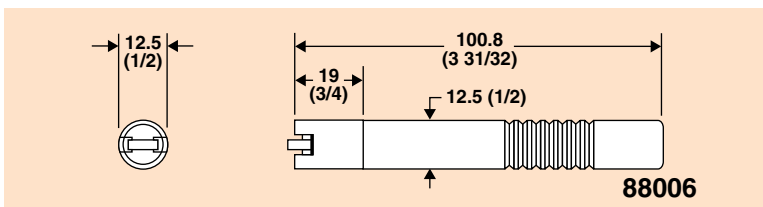
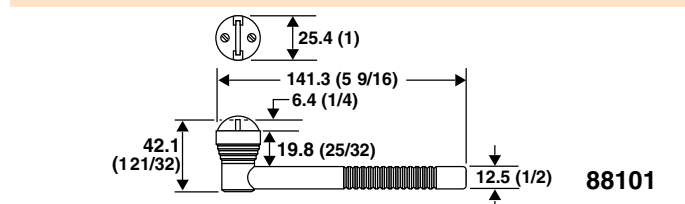
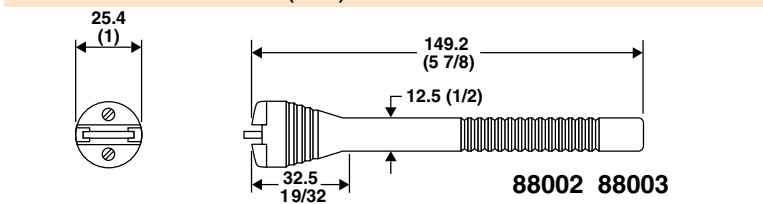
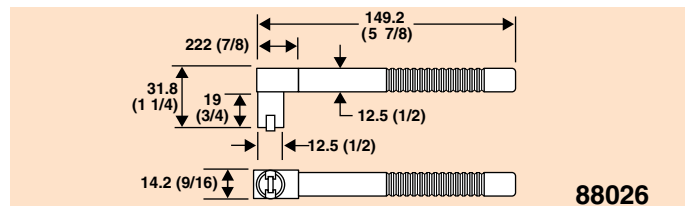
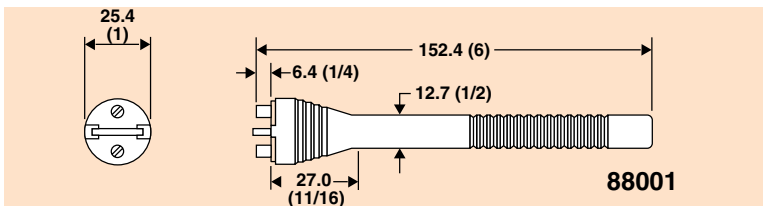


All 88000 series probes are supplied with retractable cable [expands to 1.5 m (5')] and male subminiature connector.

**\* Specify Calibration:**  
**K:** CHROMECA™-ALOMEGA™  
**E:** CHROMECA-Constantan

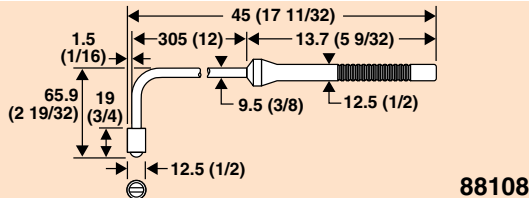
\* Specify Calibration K or E.

# Unique Surface Probes Series 88000

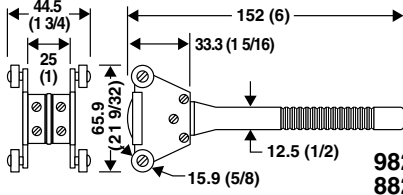


Dimensions: mm (in)

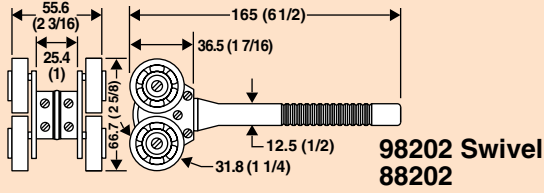
# Unique Surface Probes Series 88000/98000



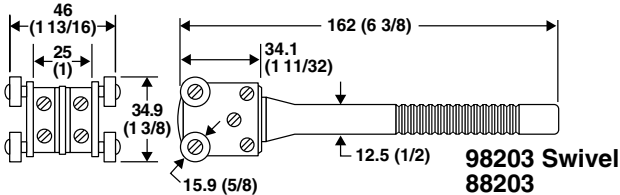
88108



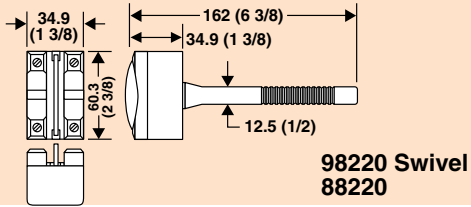
98201 Swivel  
88201



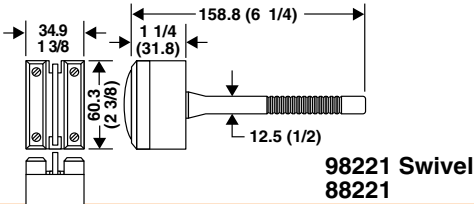
98202 Swivel  
88202



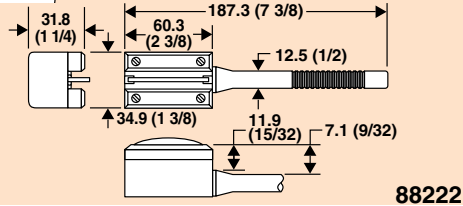
98203 Swivel  
88203



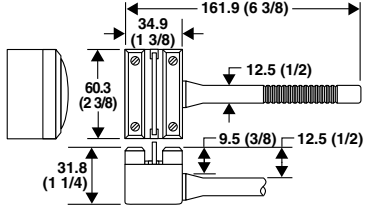
98220 Swivel  
88220



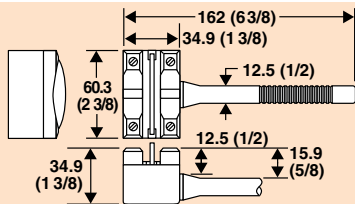
98221 Swivel  
88221



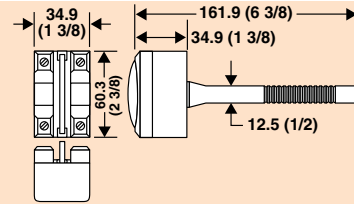
88222



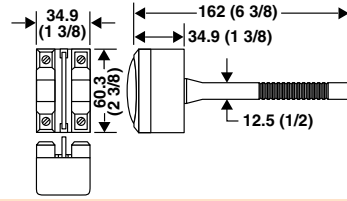
88223



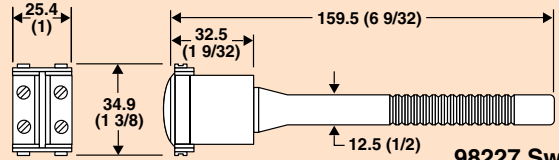
88224



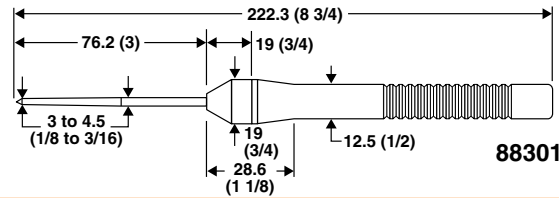
98225 Swivel  
88225



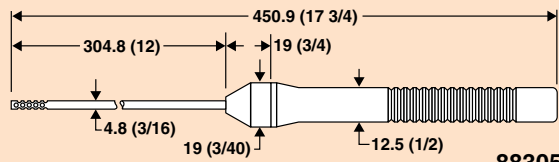
98226 Swivel  
88226



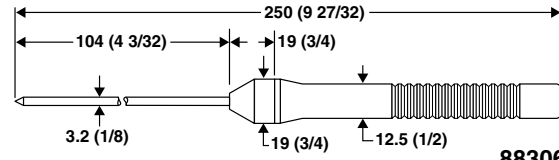
98227 Swivel  
88227



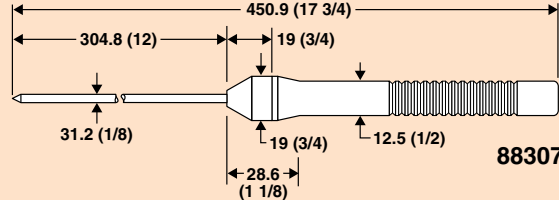
88301



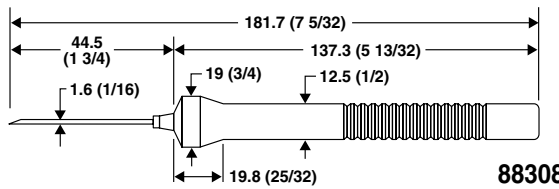
88305



88306



88307

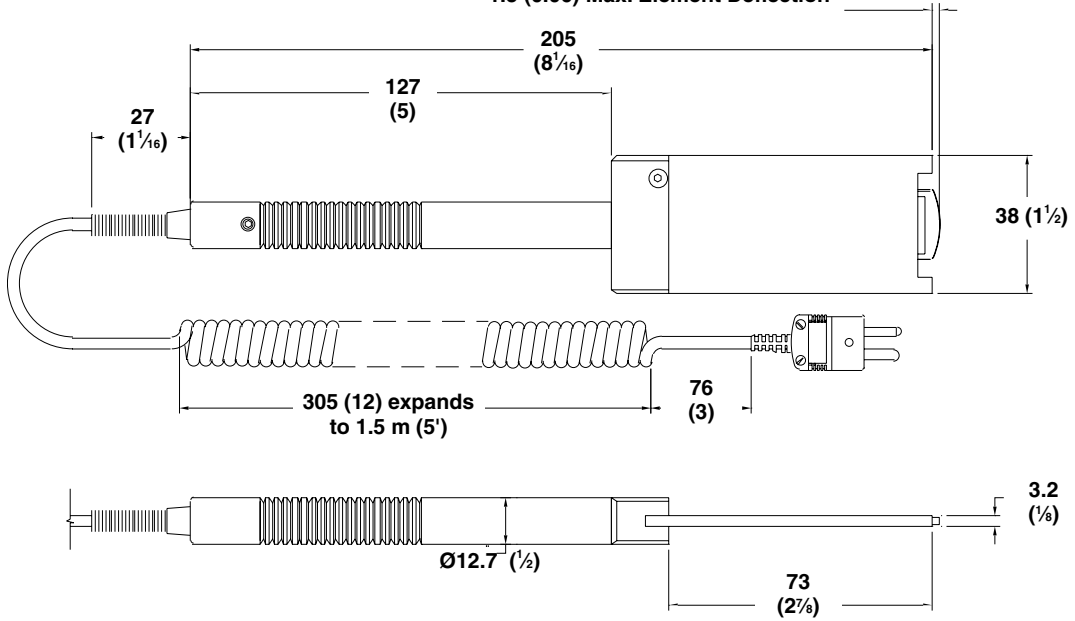


88308

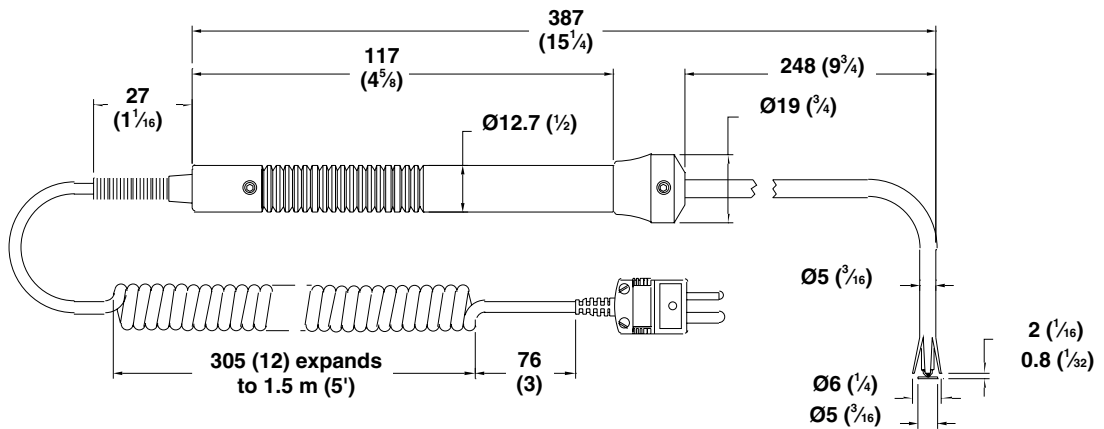
Dimensions: mm (in)

**Model 88009**

1.5 (0.06) Max. Element Deflection



**Model 88014**



**Model 88013**

