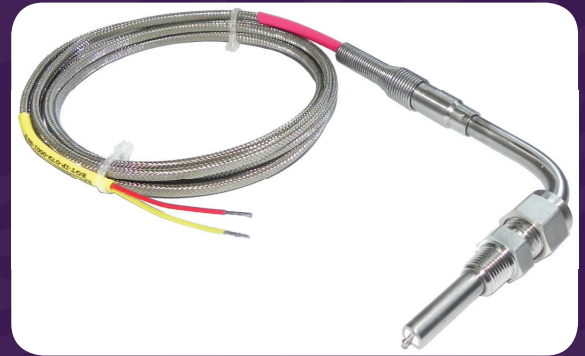


Exhaust Temperature Probe – 90° Bend – 1/4" O.D.

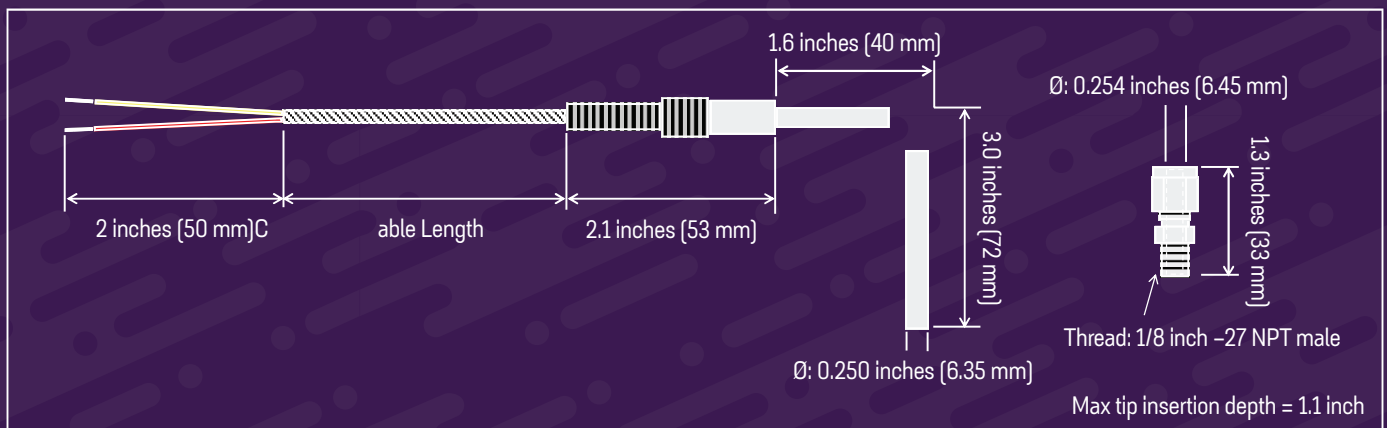
EXTREME DUTY FAST RESPONSE EGT TEMPERATURE PROBE

- Type K thermocouple probe
- Exposed sensing junction for fastest response
- Includes 316 SS adjustable compression fitting
- Stainless steel protected wires
- Designed for extreme engine test & racing environments



SPECIFICATIONS

Thermocouple type:	K
Range:	-148 to 2372 °F (-100 to 1300°C)
Accuracy:	+/-0.4% of reading or about +/- 1.1°C (Special Limits of Error)
Probe diameter:	1/4 inch (0.250 inch) (6.35 mm)
Sensing Junction:	Exposed, Ungrounded
Response Time*:	150mS
*Time Constant:	Defined as the time required to reach 63.2% of an instantaneous temperature change Five time constants are required to approach 100% of the step change value
Outer Sheath Material:	Inconel, melting point 2550°F (1400°C)
Cable:	Stainless steel overbraiding over Teflon™ insulated, standard wires, 20 gauge
Compression Fitting:	316 stainless steel, adjustable, 1/8 inch -27 NPT male thread
Wiring:	+ = Yellow - = Red



HELPFUL HINTS

- Only use special K type thermocouple connectors and wire
- Use a high temperature anti-seize compound on all threads
- Do not over tighten the compression fitting (about 1/4 turn past finger tight is adequate)
Overtightening of the compression fitting can damage the probe
- Set probe tip depth to the centre of pipe or manifold
- Do not bend the probe before or after installation. Bending the probe can result in damage to the sensor
- Route signal cable so it does not touch hot surfaces
- Tie down signal cables to reduce vibration or whipping
- Do not carry the probe by the cable, don't yank or pull on cable

