



Hand Held Thermocouples

Temperature

Description

Master Probe Handle - Probes plug into the master probe handle. The handle has a mini-jack at one end and a coiled cable with mini-plug on the other. Individual probes may be connected to allow easy reach to your process.

Immersion Probe - This general purpose probe can be used in liquids and gases. Includes mini plug.

Penetration Probe - Used for penetrating meat, plastic, rubber, asphalt, or other semi-soft materials. Includes mini plug.

Surface Probe - For flat or semi-flat surfaces of metal, paper or plastic. Small gauge spring contoured tip allows fast response. Includes mini plug.

Air Duct Probe - Measures temperature in ducts for air or compatible gases, environmental chambers, ovens, rooms, etc. Perforated shield has good air flow and prevents heating by radiation. Includes mini plug.

Exposed Junction Probe - Small gauge tip allows high sensitivity and quick response. The thermocouple junction is exposed for readings in air or compatible gases. Includes mini plug.

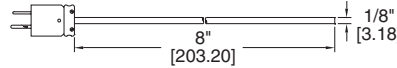
Needle Probe - Small diameter penetrating probe gives fast response in soft materials and liquids. Made with mineral insulated sheath for extra durability. Includes mini plug.

Bare Tip Probe - This probe consists of 10 feet of 24 gauge wire with fiberglass braided cable and a bare wired junction. Shipped with a spool for easy storage. Includes mini plug.

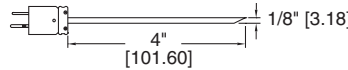
T/C
Type Model



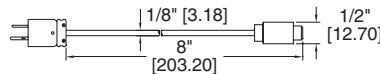
J 1718-0076
K 1718-0077



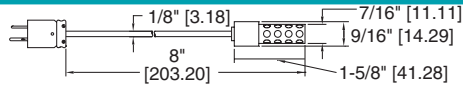
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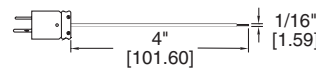
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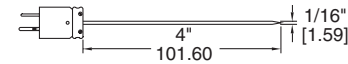
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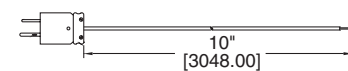
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K 1818-0085



J 1818-0088
K 1818-0089



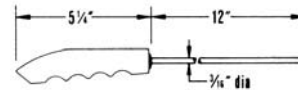
J 1818-0092
K 1818-0093



J 1558-0030
K 1558-0013

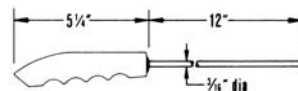
Integral Handle Probes - Featuring fixed handles and coiled cords, these rugged hand-held probes will plug into any device with a mini-jack.

General Purpose Probe - Featuring a built-in handle with coiled cord and mini-plug, this general purpose probe can be used in liquids and air compatible gases. For use to 800°F.



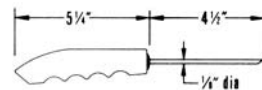
J 1718-0001
K 1718-0002

High Temperature General Purpose Probe - Featuring a built-in handle with coiled cord and mini-plug, this general purpose probe can be used in liquids and air compatible gases. For use to 1600°F.



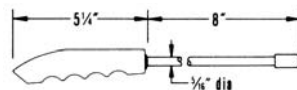
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Penetration Probe - Featuring a built-in handle with coiled cord and mini-plug, this probe is used for penetrating meat, plastic, rubber, asphalt, or other semi-soft materials.



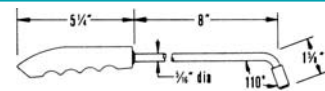
J 1718-0014
K 1718-0015

Straight Surface Probe - Featuring a built-in handle with coiled cord and mini-plug, this probe is used for flat or semi-flat surfaces of metal, paper or plastic. Small gauge spring contoured tip allows fast response.



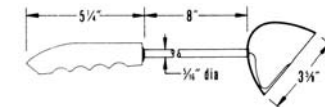
J 1718-0008
K 1718-0009

Angled Surface Probe - Featuring a built-in handle with coiled cord and mini-plug, this probe is used for flat or semi-flat surfaces of metal, paper or plastic. Small gauge spring contoured tip allows fast response.



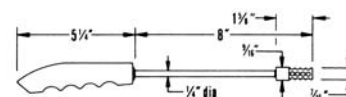
J 1718-0011
K 1718-0012

Round Surface Probe - Featuring a built-in handle with coiled cord and mini-plug, this probe measures temperature in ducts for rollers, convex surfaces. Spring stainless steel replaceable band stretched across C-shaped bow.



J 1718-0022
K 1718-0023

Air Duct Probe - Featuring a built-in handle with coiled cord and mini-plug, this probe measures temperature in ducts for air or compatible gases, environmental chambers, ovens, rooms, etc. Perforated shield allows good air flow and prevents heating by radiation.

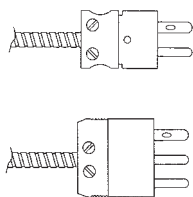


J 1718-0018
K 1718-0019

Plugs and Jacks

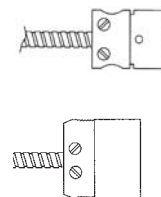
Standard Size Single Plugs (male)

Type	Conductors	Part Number
J	2 (1 pair)	481-0001
K	2 (1 pair)	481-0002
T	2 (1 pair)	481-0003
Cu11	2 (1 pair)	481-0004
E	2 (1 pair)	481-0015
Cu	2 (1 pair)	481-0022
Cu	3 (1 trio)	481-0134



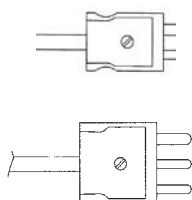
Standard Size Single Jacks (female)

Type	Conductors	Part Number
J	2 (1 pair)	481-0006
K	2 (1 pair)	481-0007
T	2 (1 pair)	481-0008
Cu11	2 (1 pair)	481-0009
E	2 (1 pair)	481-0016
Cu	2 (1 pair)	481-0023
Cu	3 (1 trio)	481-0135



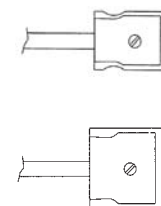
Miniature Size Single Plugs (male)

Type	Conductors	Part Number
J	2 (1 pair)	481-0093
K	2 (1 pair)	481-0095
T	2 (1 pair)	481-0094
R	2 (1 pair)	481-0098
S	2 (1 pair)	481-0097
E	2 (1 pair)	481-0096
Cu	2 (1 pair)	481-0099
Cu	3 (1 trio)	481-0175



Miniature Size Single Jacks (female)

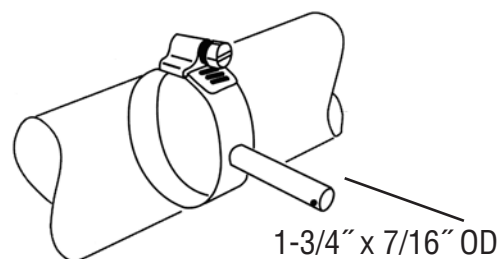
Type	Conductors	Part Number
J	2 (1 pair)	481-0100
K	2 (1 pair)	481-0102
T	2 (1 pair)	481-0101
R	2 (1 pair)	481-0105
S	2 (1 pair)	481-0104
E	2 (1 pair)	481-0103
Cu	2 (1 pair)	481-0106
Cu	3 (1 trio)	481-0174



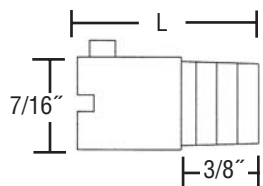
Temperature

Pipe Adaptors

Part Number	Fits Pipe Diameters	Part Number	Fits Pipe Diameters
1568-0007	1/2" to 7/8"	1568-0022	9-3/4" to 10-1/4"
1568-0008	7/8" to 1-1/2"	1568-0023	11-3/4" to 12-1/4"
1568-0009	1-5/16" to 2-1/4"	1568-0024	15-3/4" to 16-1/4"
1568-0011	2-1/4" to 3-5/16"	1568-0025	17-3/4" to 18-1/4"
1568-0012	3-5/8" to 4-1/4"	1568-0027	19-3/4" to 20-1/4"
1568-0013	4-5/16" to 5-1/4"	1568-0028	23-3/4" to 24-1/4"
1568-0020	6-1/4" to 6-3/4"	1568-0029	29-3/4" to 30-1/4"
1568-0021	7-3/4" to 8-1/4"		



Bayonet Adaptors



L	Thread Size	Part Number
7/8"	1/8-27 NPT	1568-0001
7/8"	3/8-24 NPT	1568-0002
1-3/8"	1/8-27 NPT	1568-0003
1-3/8"	3/8-24 NPT	1568-0004
2-1/2"	1/8-27 NPT	1568-0005
2-1/2"	3/8-24 NPT	1568-0006
2-1/2"	10 x 1.5 mm	1568-0016

Compression Fittings

Type OD	Thread Size	Material	Part Number
1/8"	1/8-27 NPT	Brass	144-0012
1/8"	1/8-27 NPT	Stainless Steel	144-0020
3/16"	1/8-27 NPT	Brass	144-0009
3/16"	1/8-27 NPT	Stainless Steel	144-0022
1/4"	1/4-18 NPT	Brass	144-0014
1/4"	1/8-27 NPT	Stainless Steel	144-0024
.260 - .275"	1/4-18 NPT	Teflon®	144-0037



Transition Adaptor

These adaptors convert the miniature plug on the end of the coiled cable on the Master Probe Handle to a standard lug. Simply plug the cord into the adaptor.

Catalog Number

Type K
481-127

Type J
481-126

Type T
481-128

