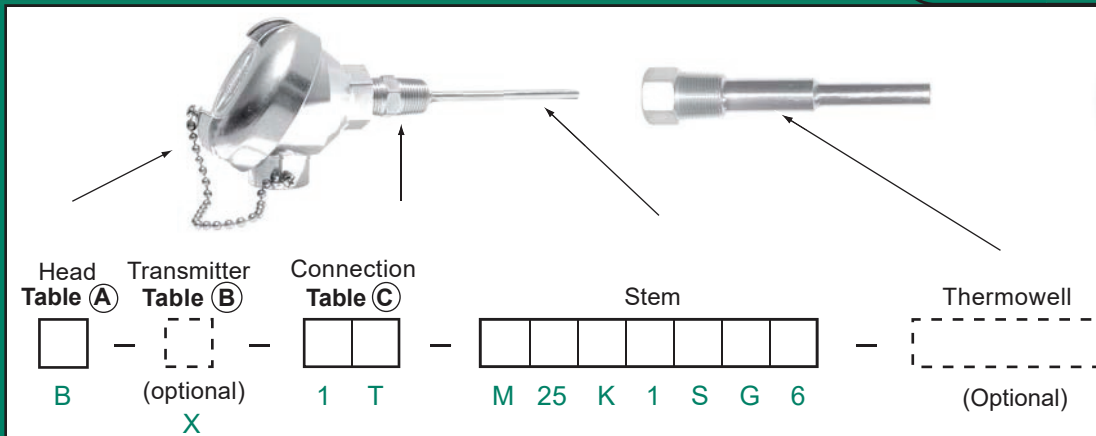


### Head Assemblies - (Head & Connection)



**Build this product Online**

- Build Part #'s
- Get Drawings
- Pricing
- Add Matching Thermowell
- Lead Times

[www.reotemp.com](http://www.reotemp.com)

**Table A - Heads**

<p><b>TYPE B</b></p> <p><b>Universal Cast Aluminum</b></p>	<p><b>TYPE A</b></p> <p><b>Universal Cast Iron</b></p>
<p><b>TYPE G</b></p> <p><b>316SS</b></p>	<p><b>TYPE H</b></p> <p><b>Aluminum Flip-Top</b></p>
<p><b>TYPE I</b></p> <p><b>Epoxy Coated Aluminum</b></p>	<p><b>TYPE Y</b></p> <p><b>316SS with Window</b></p>
<p><b>TYPE E</b></p> <p><b>Explosion Proof, Aluminum</b></p>	<p><b>TYPE T</b></p> <p><b>ATEX Explosion Proof, Aluminum</b></p>
<p><b>TYPE J</b></p> <p><b>Explosion Proof 316SS</b></p>	<p><b>TYPE Z</b></p> <p><b>Explosion Proof, Window</b> (use with digital display)</p>
<p><b>TYPE S</b></p> <p><b>Poly Plastic (white)</b></p>	<p><b>TYPE C</b></p> <p><b>Poly Plastic (Black)</b></p>

Note: Add'l heads on price list.

**Table B - Transmitters - (optional)**

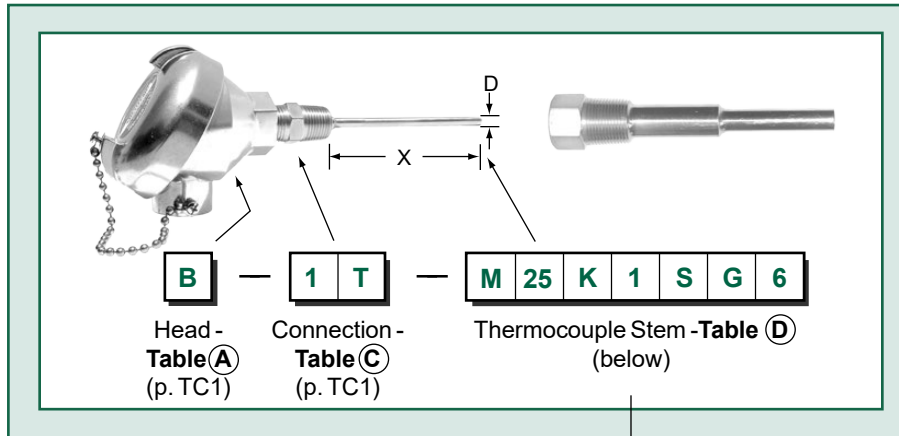
In Head Standard	In Head with Digital Display (with window head Z)
<b>X</b> = 4-20mA 2-wire trans.	<b>B</b> = 4-20mA 2-wire trans.
<b>R</b> = 4-20mA 2-wire Hart trans.	<b>Y</b> = 4-20mA 2-wire Hart trans.
<b>F</b> = 4-20mA 2-wire Foundation Fieldbus	
<b>P</b> = 4-20mA 2-wire Profibus	

**Table C - Threaded Connections**

Use spring loaded connection with thermowells. Use welded connection when stem goes directly into the process medium.	Std 316 SS Fittings	
	Spring Loaded	Welded
<p>1/2" NPT Hex Fitting</p> <p>1 5/8" X</p>	1T	1F
<p>1/2" NPT Pipe-Nipple</p> <p>2-1/2" X</p>	2T	---
<p>1/2" NPT Nipple Union Nipple</p> <p>5" X</p>	4T	---
<p>No Process Threads</p> <p>X</p>	---	6F
<p>1/2" NPT Explosion Proof Hex</p> <p>2" X</p>	7T	---

Note: Add'l connections on price list.

## Head Assemblies - (Stem)



- Build Part #'s
- Get Drawings
- Pricing
- Add Matching Thermowell
- Lead Times

[www.reotemp.com](http://www.reotemp.com)

### TABLE (D) Thermocouple Stems

#### STEP 1

Metal Sheathed Thermocouple Assembly - Insert "M"

#### STEP 2 - Sheath Diameter (D)

Insert 2 digit number designated below

<b>06</b> = .062in. (1/16")	<b>12</b> = .125in. (1/8")	<b>18</b> = .188in. (3/16")	<b>25</b> = .250in. (1/4")	<b>37</b> = .375in. (3/8")	<b>50</b> = .500in. (1/2")
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#### STEP 3 - ANSI Type Thermocouple

Insert designation below.

**K** = Chromel Alumel

**T** = Copper Constantan

**J** = Iron Constantan

**E** = Chromel Constantan

For Special Limits of Error-Add "S" to code above (eg., KS, JS, TS, ES).

#### STEP 4 - Type of Sheath Material

Insert single-digit number designated below

**1** = 316 SS

**3** = 304 SS

**2** = 310 SS

**5** = Inconel 600

#### STEP 5 - Number of Element

**S** = Single element assembly

**D** = Dual element assembly

#### STEP 6 - Type of Junction

Elements: **G** = Grounded **E** = Exposed

**U** = Ungrounded **UU** = Ungrounded, Uncommon

#### STEP 7 - Probe Length (X) in inches

Stem length measured from bottom of threads to stem tip.

M							
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