The noble-metal platinum thermocouple elements illustrated on this catalog page are replacement elements for use in Pyromation's complete high temperature industrial thermocouple assemblies as found elsewhere in this catalog section. These replacement elements are also compatible for use in other manufacturers' high temperature thermocouple assemblies. All insulated elements are supplied with high temperature alumina insulators and are available with the options as listed below. Element types R, S, and B are supplied with a fusion weld. Custom designed constructions are available.

INSULATED ELEMENT without COLLAR
(supplied with recessed junction as standard)

INSULATED ELEMENT with COLLAR

Note: Elements supplied without collars are intended to be used with ceramic tubes that are not supplied with hex fittings.

Note: Elements supplied with collars are intended to be used with ceramic tubes with hex fittings.

ORDER CODES

Example Order Number:

1	2	3	4
R24	R	- 18	- 3

1 Single Straight Element Type

CODE (Type + Wire Gauge)		DESCRIPTION
R24	R26	Platinum - Platinum 13% Rhodium
S24	S26	Platinum - Platinum 10% Rhodium
B24		Platinum - 30% Rhodium - Platinum 6% Rhodium
DUPLEX STRAIGHT ELEMENTS		
Use thermocouple type code letter twice. EXAMPLES: RR24 or SS26		

2 Element Insulation

CODE	INSULATOR DESCRIPTION	WIRE GAUGE	INSULATOR DIMENSIONS (inches)
			SINGLE and DUPLEX
O	Uninsulated bare element		None
R	Round, 99.7% Alumina Insulator (4-hole, single and duplex) 1871 °C [3400 °F] maximum temp.	24	0.188 O.D. w 0.535 O.D. Collar
		26	0.188 O.D. w 0.535 O.D. Collar

CODE	DESCRIPTION
M	Reference grade (consult factory for other types)

4 Element Options

CODE	DESCRIPTION
3	Supplied without ceramic collar
L	Insulated hot junction

3 Element "X" Length

LENGTH (inches)	LENGTH (inches)
12	30
18	36
24	
Specify other lengths in 1" increments.	