

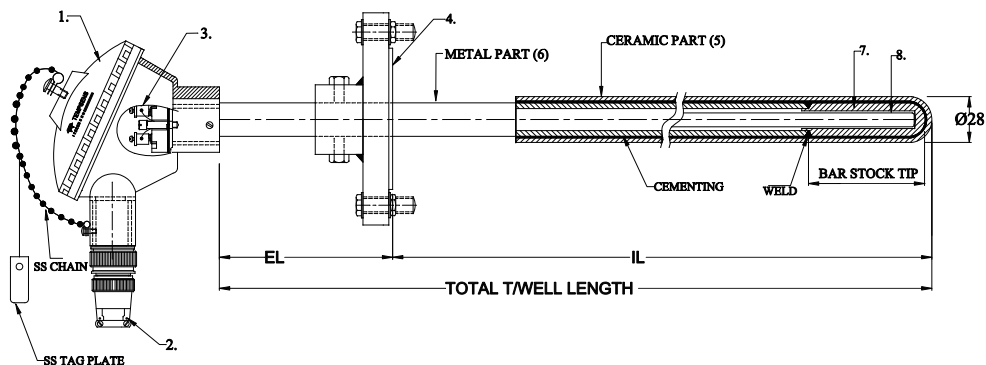
Every 20°C deviation from optimum flue gas temperatures increases the fuel consumption by 1%. Monitoring the flue gas temperatures helps to keep a continuous check on this loss. Typical temperature of Flue gas at bottom of the boiler is up to 1200°C with the media containing Carbon dioxide, Oxygen and nitrogen etc. and gradually reducing as it moves upward. Thermocouple types K or N are suitable for these media with Ceramic protection tubes to ensure longer operation time.



SPECIFICATIONS

Termination	Connection Head IP 67
Element	N Type
No. of Element	Simplex, Duplex
Insulation	MgO
Holding Tube	Inconel 600
Outer Tube	Recrystallized Alumina (Al ₂ O ₃ 99.7%)
Other Type	Consult Factory

DRAWINGS



S.No.	Description
1	Connection Head Type – IP67
2	Plug and Socket with 6 pin Connector
3	Ceramic block with Terminal Spring Loaded
4	Process Connection
5	Outer Tube
6	Protection Tube
7	Bar Stock Tip
8	Inset