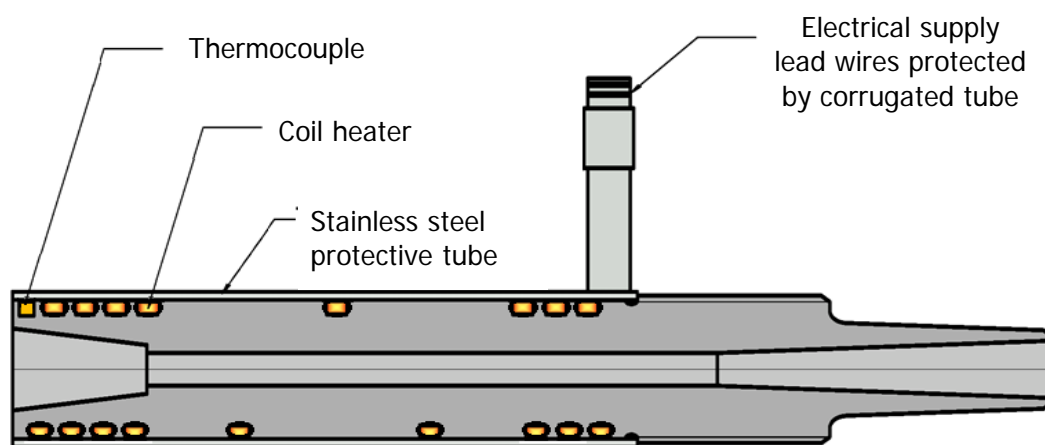


NEW!

Energy saving electric heated machine extension tube for Zamak and Magnesium die casting

New system for integrated electric heating of the extension tube between gooseneck and sprue nozzle for Zamak and magnesium alloys. Can be made compatible with all types of die casting machines presently on the market.



Technical Characteristics

New concept heating element inserted in a specific high precision machined groove:

- Up to 300° less degree on the electric heater surface allow an extraordinary long life time of the extension tube and possibility of use not only for the die casting of Zamak material but also for Magnesium alloys.
- Extremely uniform and precise heat distribution
- Reduction up to 50% Vs traditional systems of the required installed power and of course considerable energy saving , for instance:

1000 – 1500W for Zamak die casting applications with machines up to 150 Ton

3500 W for Magnesium alloys die casting applications
- The process temperature is at least 50°c below that of the traditional systems and beside preventing risk of corrosion due to the melted metal alloys flowing inside the tube, this allows also better surface quality of the die casted components

Precise temperature control thanks to Thermocouple K or J type with special design:

- The compressed mineral insulation Thermocouple has been developed in order to obtain higher mechanical strength and faster reading of the temperature of the melted metal alloys flowing inside the tube.
- The precise thermoregulation allows longer life time of the extension tube.

External stainless steel keyed tube

- Reduction of the heat losses due to radiation effect
- Energy saving
- Additional protection from melted alloy splashes

Advantages

- Exceptional long life time and energy saving
- Cost reduction
- Better surface quality of the die casted components
- Reduction of the overall outer diameter of the extension tube
- Reduced need of installed power
- Reduced die casting process temperature
- Cycle time reduction

V. B. MECCANICA
DI BELOTTI A. & C. S.N.C.

Uffici e Stabilimento
Via Milano, 23
25037 Pontoglio (BS)
Italia



Phone : (+39) 030 737 6853
Fax : (+39) 030 747 0007
Email : commerciale@vbmeccanica.it

<http://www.vbmeccanica.it>