

## GENERAL

Melt Design's, *state of the art*, internally heated sprue bushing. This mold component with unique design characteristics, (Patented), opens a new area in injection molding internally heated bushings.

Constructed out of H-13 tool steel.

Heat treated up to 35 Rc.

High purity ceramic insulator compacted to its near theoretical limits insures highest heat transfer rate, resulting in longer heater life.

Predetermined wattage distribution. Provides even heat along its entire body resulting in better melt flow.

Air gaps machined around its head and body eliminate secondary machining operations on molds.

Extra machine stock at the end of the bushing, which is an integral part of the inner core and body shell, allows for special tip configurations.

A removable thermocouple can be inserted into a provided thermowell and located at the tip or in any other desired location for more accurate melt temperature reading.

Independent dual element construction available for processing sensitive resins, or for other special applications.

The flexibility in the design insures an answer to any of your special needs.

