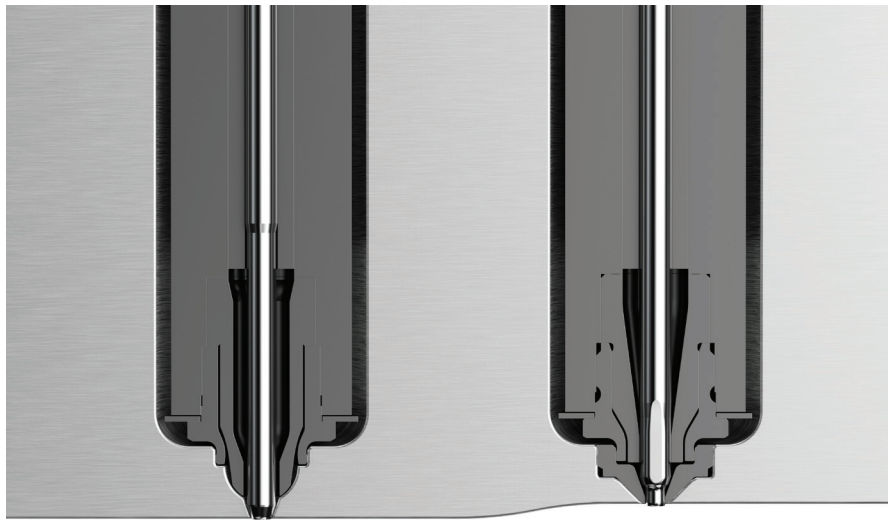

HPgate - High performing gate

Traditional Gate

HPgate



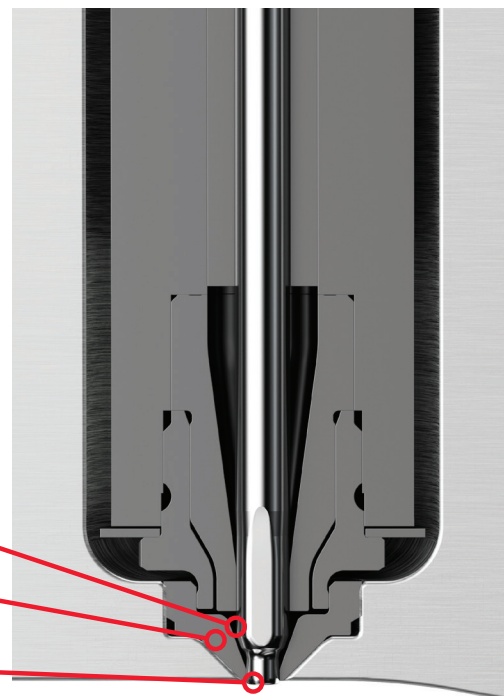
DESCRIPTION

The innovative solution suitable for direct injection on PMMA surfaces, as well as fiber reinforced polymers, ensures optimal gate quality and avoids flashes. Moreover, it simplifies the machining operations of the seat of the mold in the gate area allowing a high gate quality during the entire lifetime of the mold.

Conical surface contact assures better thermal control of the needle

Hard steel insert supplied by HRSflow is simply screwed into the mold, if necessary it could be easily replaced

Cylindrical closure avoids flash on the part



BENEFITS

- Improved gate quality compared to standard conical and cylindrical configurations
- Easier machining operations for the moldmaker
- Easy gate maintenance
- No puckering risks
- Wider process window and faster set-up operations

MAIN FEATURES

In order to obtain high quality parts characterized by an improved gate quality, HPgate technology integrates the conical and cylindrical solution, overcoming the limits of both configurations.

- The insert is screwed into the threaded seat machined into the mold
- Easily replaceable hard steel insert
- Conical – cylindrical valve gate
- Angle between surface normal and nozzle axis: MAX 5°
- Gate diameter: 2.0 – 2.5 – 3.0 mm