

## Miniflow - Blank Gate Insert

Order Code: **GTM**

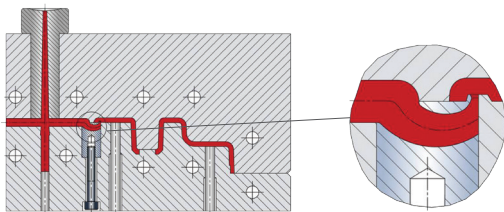
For tunnel gating of small, thin-walled mouldings.

This gate insert has a closed gate diameter and is therefore suitable for the use of low article weight and for very thin-walled mouldings.

- The closed surface enables the creation of individual gate diameter.
- Usable for all thermoplastics including fillers up to 50 % glass fibre.

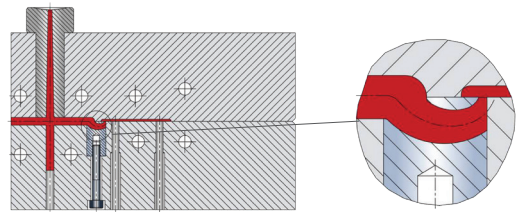
## Installation Examples "GTR - GTE - GTM"

### Standard



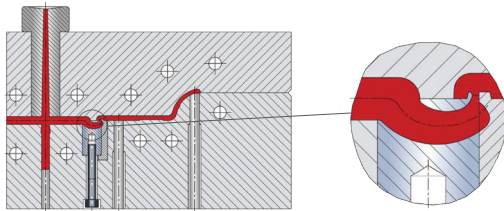
The front of the gate insert is sealed off by the mould cavity.  
- to reduce pressure loss. / - to avoid jetting.

### Thin-walled Parts Miniflow



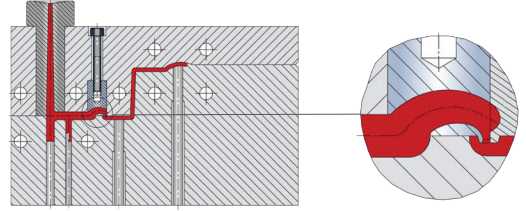
Designed for particularly thin-walled Parts (0,5 to 1,2 mm wall thickness). The tunnel gate insert has no calotte. Gating will occur flush with the moulding. - The gating point will be flush with, or slightly projecting from, the bottom surface depending on plastic used.

### Flat Parts



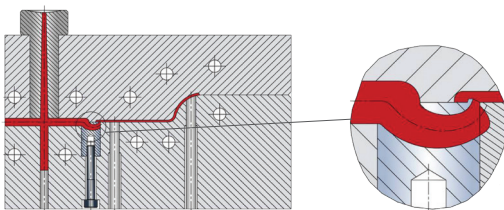
The front of the gate insert is fully sealed off by a companion calotte (baffle) on the cavity or by an auxiliary insert.  
- to reduce pressure loss. / - to minimize shear.

### Nozzle-side Installation



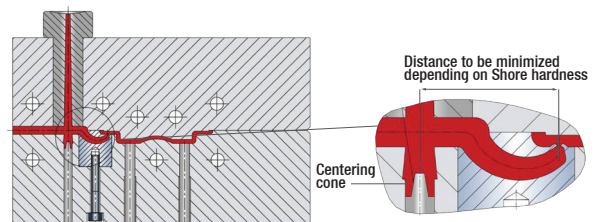
The gate insert is screwed into the nozzle side of the mould. The front of the gate insert is sealed off by the cavity.  
- to reduce pressure loss. / - to minimize shear.

### Thin-walled Parts Standardflow



The calotte height can be reduced to a minimum of 0,4 mm. This is the height defined by the cutting edge. The front of the gate insert is sealed off by the cavity to the height of the parting line.  
- to reduce pressure loss. / - to minimize shear.

### Thermoplastic Elastomers



When processing thermoplastic elastomers, please observe the following recommendations to ensure reliable demoulding:  
- The distance "L" should decrease with the Shore hardness value.  
- A centering cone should be provided. / - This application instruction applies to elastomers in the medium Shore hardness range up to 100 Shore A.