

T-Nozzle Product Innovation from HEITEC

Hot runner manufacturer HEITEC Heisskanaltechnik GmbH based in Burgwald Germany is expanding its product line to include a special design of the Flat-Line series. The patented Flat-Line nozzles, for example, enable the injection of articles with the smallest cavity spacing using separately controlled nozzles. Therefore, the nozzles are frequently used not only where there is shortage of space in the mold, but also, for example, in the production of electronic products, such as reel-to-reel applications, strip overmolding and similar applications.

The newly developed design enables a location very close to the article. Due to the very low mass of the nozzle the heat transfer into the mold is minor. Therefore, the temperature of the cavity is only affected minimally. Furthermore, valuable space can be gained in the mold by utilizing the small size of the nozzle. This valuable space can be used to accommodate functional components close to the injection point such as ejectors or slides. Also, the space gained by using the T-Nozzle is often valuable for placing the mold cooling.

Due to its design, reminiscent of the letter "T" when viewed in the plan view, the nozzle is solidly supported on three points.

The product is, amongst others, ideal for use in the medical industry. In this case the nozzle offers decisive advantages in direct gating for example syringe barrels.



Bastian Schreck
HEITEC Heisskanaltechnik GmbH
Frankenberger Straße 25
35099 Burgwald
Tel.: +49 (06451) 7283-0
Fax.: +49 (06451) 7283-83
www.heitec.com