

Gigantic Flat - the flattest hot runner nozzle now even thinner

HEITEC Heisskanaltechnik GmbH presents its latest sensation for the K-2010 plastics trade fair

At the "K", International Trade Fair for Plastics and Rubber which opens its gates on 27.10.2010 in Duesseldorf HEITEC Heisskanaltechnik GmbH presents its latest sensation for the first time:

- gigantically flat - gigantically unique - gigantically solution-oriented - is the motto of the hot runner nozzle, which is the focus of attention at this year's K.

This latest nozzle allows a cavity spacing from 5.5 mm, resulting in maximum production efficiency. With its small installation dimensions it no longer hinders or interferes with any cavity detail and can therefore be considered as "THE" application solution.

It was further developed from the Flat-line Series which has been established in the market for over 10 years as flat nozzles with a sealing diameter of 6 mm and a min. required distance from 7 mm.

With this new nozzle the company has once again outdone itself, as the spacing of 7 mm was reduced by 1.5 mm or about 20%. Therefore, HEITEC probably offers the smallest hot runner nozzle on the world market because it is narrower than anything else that was available before on the world market for hot runner nozzles.

Its elegant, robust and timeless appearance is compelling. Due to the flat design the small cavity distance of 5.5 mm from nozzle to nozzle is made possible. The argument of the contoured shape receives a whole new meaning.

Inside this nozzle with a sealing diameter of 5 mm and an optimum melt channel diameter is an easily replaceable cartridge heater. The proven, interchangeable 230 V heater and an easily replaceable FeCuNi thermocouple are embedded in this skinny nozzle. Through the easy interchangeability it offers full flexibility for everyone.

The nozzle is suitable for all resins, even for glass fiber reinforced resins. The nozzle is available in lengths from 25 to 60 mm.

This type of nozzle has already been proven in the field of high-temperature applications for a long time. Shot weights from 0.003 were already realized.

Since the new Flat-Line-Nozzle is very flat, and can therefore be considered as space efficient, it should be of considerable interest to the Electronics Industry where extremely small components such as circuit boards or LED's need to be injected with a small spacing (reel to reel).

In addition, when it comes to precision gears that must be injected at three locations around a stub shaft and where the center has to be temperature controlled, you will not get past this little weapon.

Of course, this nozzle can be used in all other areas of applications - wherever precision, space efficiency and non-interference on surroundings is important.

With this miniature nozzle HEITEC offers a separately or individually controlled component that easily fits in every wallet without making it significantly thicker.