

New linear Multi-Tip Nozzle from the Star-Line series for the medical and packaging industry

Just in time for Euromould 2008 the technology leader in the area of hot runner edge gating has introduced an addition to the successful Star-Line nozzle series.

The new Star-Line nozzle with linear arrangement is based on the established, four year old Star-Line nozzle with circular tip arrangement. The experience from this transferred into this further development. The gating and sealing technologies were reused without change, so that costly cavity splitting is not required. The gating is achieved, as before, with a tip insert directly onto the side of the article surface. The tip inserts are only installed after the assembly of the stationary side from the parting line of the mold. This ensures a high degree of maintenance and service friendliness.

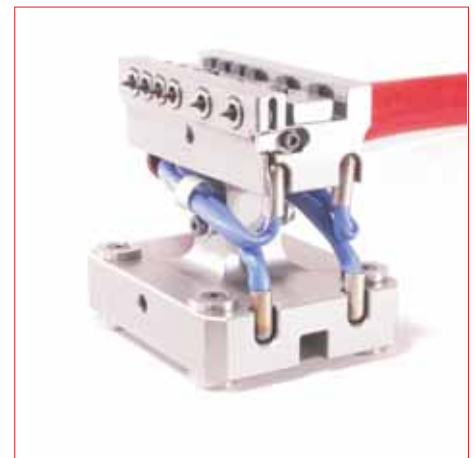
The nozzle is particularly suitable for molding long, thin-walled articles, such as pipettes or syringe barrels. With a parallel arrangement of the nozzles articles can be gated directly from two sides, which helps to prevent the deflection of thin cores from the injection pressure.

In other cases, the linear layouts are necessary with certain part removals from the mold. The pitch dimension between articles can be 48 – 56 mm. Standard nozzles are designed for up to four tip inserts with a distance of between 10 – 26 mm between articles.

High reliability can be warranted, there are various production molds with linear Star-Line nozzles in use already for about 14 months. Furthermore, a test mold is available for test purposes to the customer.



Standard nozzle with 4 tips



Special nozzles with 6 and 8 tips

