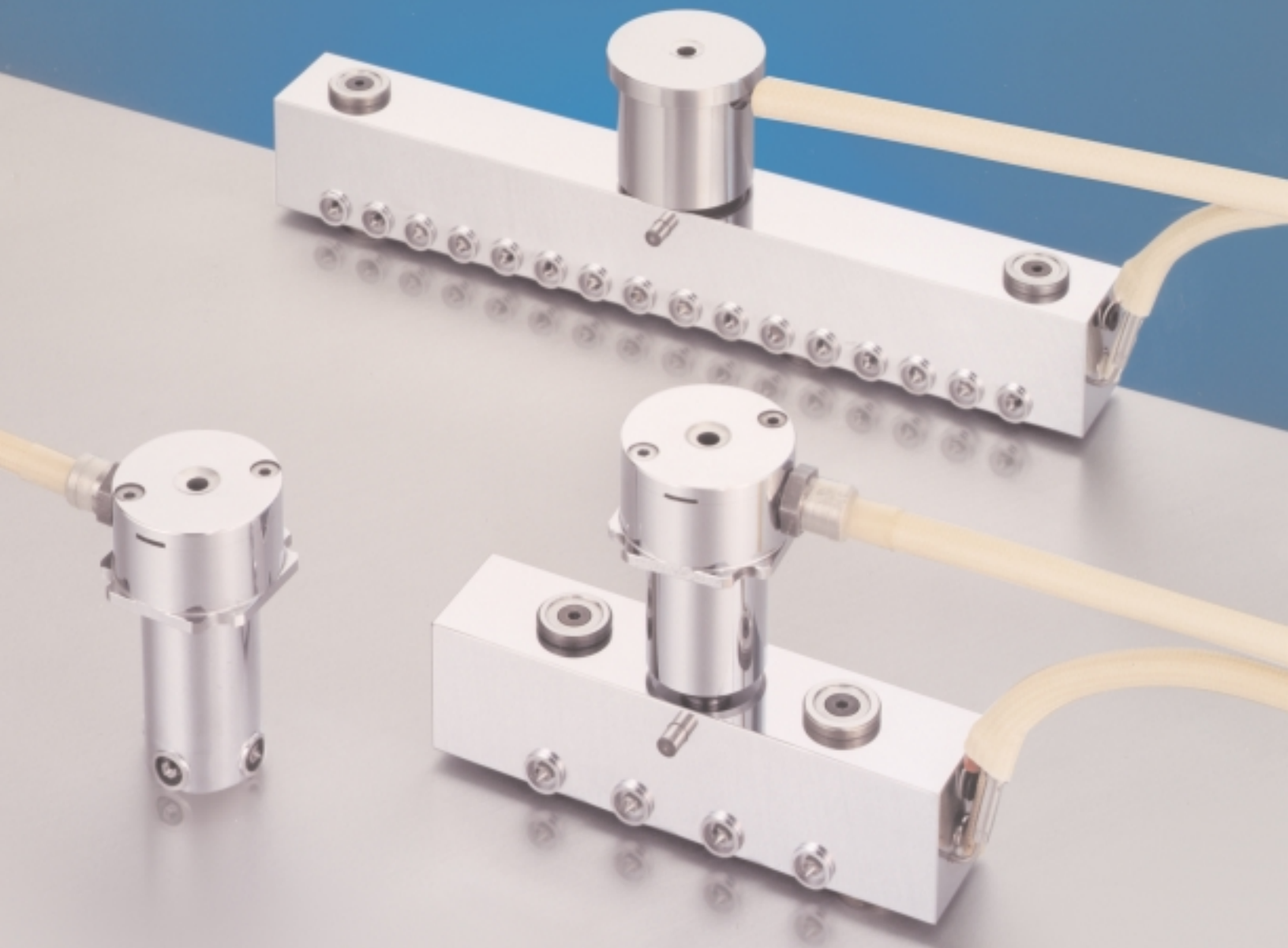


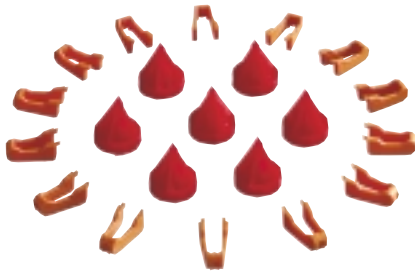
HTS Hot Runner Systems

Edge gate technology
for micromolding





World-class micromolding systems



Mold tooling technology leader D-M-E has joined forces with Heisskanal Technik Schulte (HTS) to broaden the D-M-E family of hot runner solutions. HTS, a premier hot runner manufacturer based in Lüdenscheid, Germany, began developing edge gating products in the early 1980s and has continued with innovations ever since. D-M-E brings extensive, knowledgeable resources to this new partnership to offer even more options for hot runner molding to customers worldwide. HTS products are ideally suited for applications in the electrical, electronic, transportation, medical, agricultural and industrial markets.

Outstanding edge gate solutions

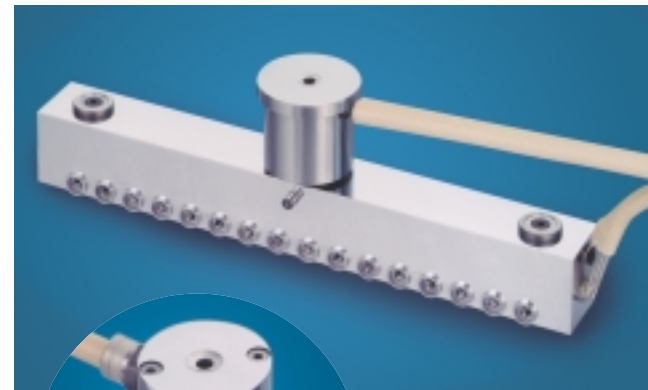
HTS edge gating technology, coupled with D-M-E application engineering expertise, offers a highly flexible system that outperforms competitive alternatives. Key features of the HTS edge gate product line include:

- Compact, flow-balanced manifold design
- 11mm minimum center spacing
- Sealed edge gate design allows quick color changes
- Capable of running all thermoplastics – even the most demanding engineered materials
- Nickel plated manifolds for corrosion resistance
- Fewer control zones for simple operation and reduced temperature controller costs

A dedicated staff of mold designers and engineers on the Applications Engineering Team at D-M-E will review the project requirements and assist customers in selection and design of each HTS system to maximize success.

HTS standard manifolds are available in 2x2 through 2x16 configurations – and can even be mounted under bridge manifolds for higher cavitation applications.

Replaceable sealed tips are mounted directly to the manifold thereby simplifying the design and optimizing performance.



In addition to standard rectangular manifolds, edge gate nozzles are available in 2- and 4-tip configurations. For increased application flexibility, the nozzles can be used either as stand-alone or underneath a manifold.

Point gate systems for micromolding

If your application demands center gating, an HTS point gate system is the ideal solution. Suitable for applications as close as 14 mm between centers, HTS point gate systems deliver all the advantages of their edge gate counterparts.



Valve gate systems deliver precise, reliable operation

Standardized HTS valve gate systems enable micromolding applications which require zero vestige.

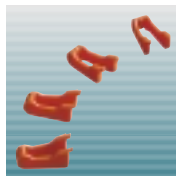
The HTS plate-actuated, pneumatic valve gate design makes it ideal for use with MUD quick-change mold inserts for fast changeover and molding flexibility.

Parts shown at approximately actual size.



HTS systems are just one of a family of D-M-E hot runner solutions. From components to turnkey hot halves, all D-M-E hot runner systems feature best-in-class components, application-engineered performance and your 100% satisfaction guarantee.

Serving customers in over 70 countries worldwide, no one equals D-M-E for injection molding solutions and support. D-M-E operates manufacturing and distribution locations in North America, South America, Europe and Asia.



D-M-E Company
World Headquarters
 29111 Stephenson Highway
 Madison Heights, MI 48071
 800-626-6653 *toll free*
 248-398-6000 *tel*
 888-808-4363 *fax*
 dmeinfo@dmeco.com *e-mail*
 www.dmeco.com *web*

D-M-E of Canada, Ltd.
 6210 Northwest Drive
 Mississauga, Ontario, Canada L4V 1J6
 800-387-6600 *toll free*
 905-677-6370 *tel*
 800-461-9965 *fax*

D-M-E Europe
 Industriepark Noord
 B-2800 Mechelen, Belgium
 32-15-215011 *tel*
 32-15-218235 *fax*