

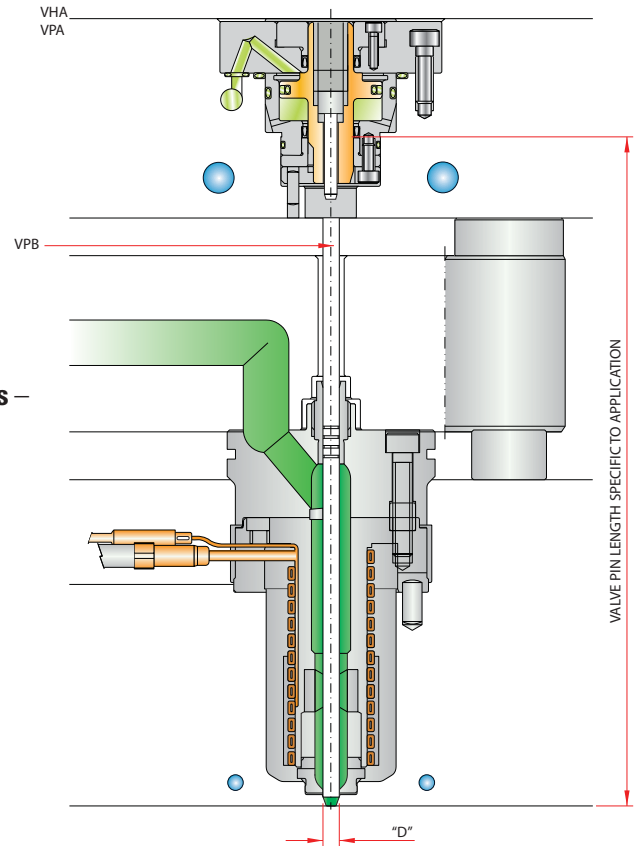
## Multi-use Valve Gate Systems

### For superior gate cosmetics and sequential part filling

When surface quality is important for both small and large part applications, the DME Zenith Valve Gate series is an ideal choice. Available in two versions, Hot Half and *Unitized Drop-In* Systems, Valve Gate provides a fully integrated multi-use system featuring a wide variety of nozzles.

Available in hydraulic and pneumatic actuation, the Zenith Valve Gate series offers many benefits:

- **Excellent for sequential filling and family mold applications** – improves part quality, reduces costs, increases part design options, opens process windows, and eliminates knit lines
- **Zero gate vestige on molded parts** – improves cosmetics and eliminates secondary trimming operations
- **Side-entry nozzle flow channel** – ensures minimum flow disturbance, improves system reliability, and results in less pressure loss
- **Front- and rear-loaded nozzle heater options**
- **"A" dimension range from 52 to 500mm**



**Excellent surface finish for small- and large-part molding ...**

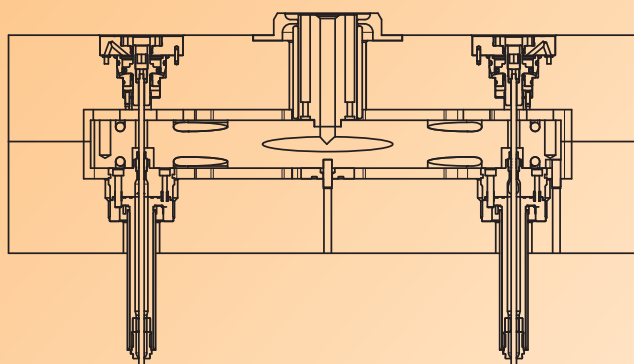
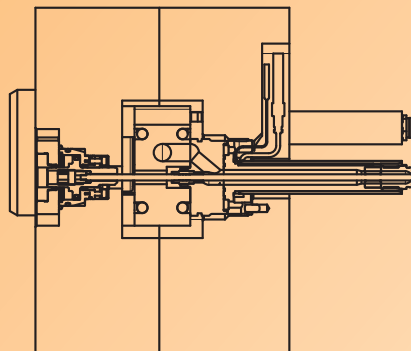


## Multi-use Valve Gate Systems

### Hot Half Systems

Available in V50, V200, V500, V800 and V1000 Series

- Hydraulic or pneumatic actuation
- Ideal for small to large part applications
- Zero gate vestige
- Fill sequencing to eliminate weld lines
- Improved product finish and quality due to reduced shear rates



SYSTEM COMPONENTS	
A	NOZZLE ASSEMBLY
B	MANIFOLD
C	HYDRAULIC CYLINDER
D	NOZZLE SEAT
E	CENTRAL SUPPORT
F	VALVE PIN
G	MANIFOLD ASSEMBLY SCREW
H	DOWEL PIN
I	NOZZLE ASSEMBLY SCREW

... and is ideal for products that require different production volumes.

