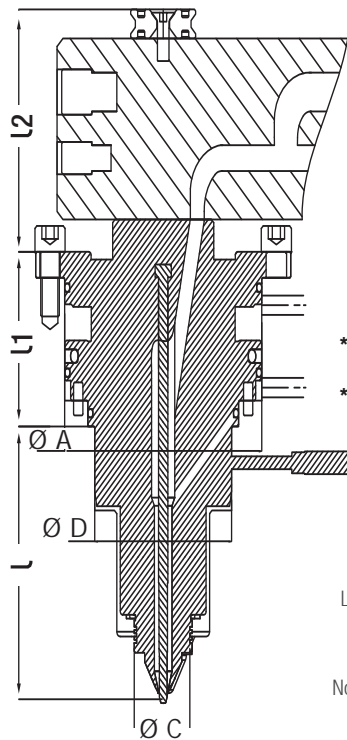


"MVG-B" Manifold Valve Gate Lower Piston Hot Runner System



In the case of multi cavity moulds, this type of valve gate system able to simplifying of producing hot runner manifolds. Valve pin doesn't cross the manifold so it's length will be shorter. Valve gate piston states between hot runner manifold and hot runner nozzle plate.

- * "L1" length depends on the manifold thickness.
- * Please check the below for Nozzle Tip selection.

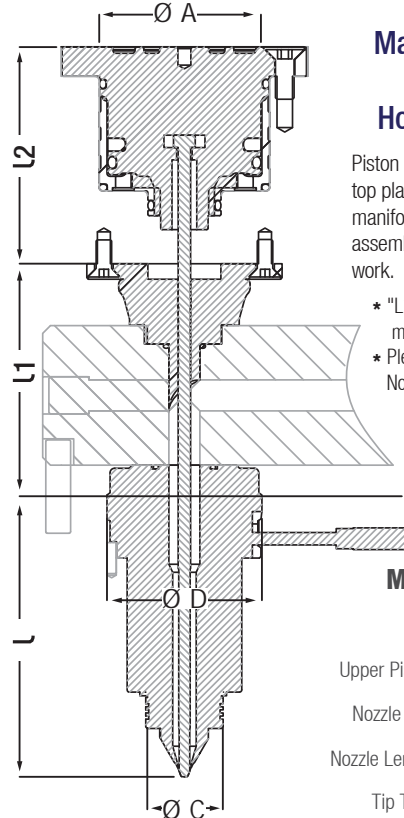
Order Example:

MVG-B . D . L . E04



Code	D	L mm	C	L1	L2	A	Injection g.
MVG-B	Ø 56	66 ~ 166	Ø 18	50	64.8 mm	Ø 80	~150
	Ø 62	80 ~ 280	Ø 22	50		Ø 85	~300
	Ø 72	100 ~	Ø 32	55		Ø 95	~1000
	Ø 80	120 ~	Ø 42	55		Ø 105	1000~

"MVG-A" Manifold Valve Gate Upper Piston Hot Runner System



Piston is assembled into mould top plate above the hot runner manifold. This version has easiest assembling and maintenance work.

- * "L1" length depends on the manifold thickness.
- * Please check the below for Nozzle Tip selection.

Order Example:

MVG-A . D . L . E04



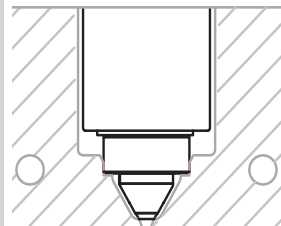
Code	D	L mm	C	L1	L2	A	Injection g.
MVG-A	Ø 38	66 ~166	Ø 18	74.8 mm	60 mm	Ø 55	~150
	Ø 50	80 ~280	Ø 25		60 mm	Ø 55	~300
	Ø 60	100 ~	Ø 35		70 mm	Ø 80	~1000
	Ø 70	120 ~	Ø 45		75 mm	Ø 100	1000~

Tip / Bushing Types for "MVG" Valve Gate Nozzles:

* Bushings are changing the nozzle tip type on valve gate applications. All bushings are suitable for the nozzles with same diameter.

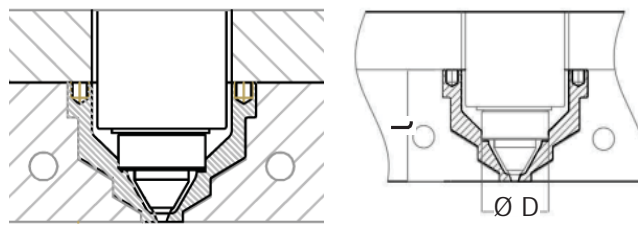
Standard Tip Type / E04

Standard Tip Type / E04



Valve pin seals the material on mould surface.

Valve Gate Flat Bushing / VG-BY02



Valve pin seals the material on bushing surface. Machining of housing detail in mould easier.

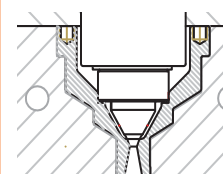
For MVG-A:

Code	Ø D	L
VG-BY02	18	40 mm
	25	
	35	
	45	

For MVG-B:

Code	Ø D	L
VG-BY02	18	40 mm
	22	
	32	
	42	

Valve Gate Internal Shear Bushing / VG-BY03



If hot runner nozzle feeds the cold runner channel or due to the part geometry if nozzle can't be reach to part surface then Internal Shear Bushing must be used for succeeding the application. This type bushing leaves conical runner / gate mark on the surface.

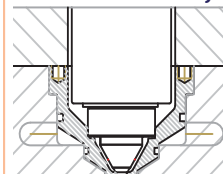
For MVG-A:

Code	Ø D	L
VG-BY03	18	50 mm
	25	
	35	
	45	

For MVG-B:

Code	Ø D	L
VG-BY03	18	50 mm
	22	
	32	
	42	

Valve Gate Cooling Bushing / VGC-BY03



If additional cooling is necessary around the hot runner nozzle, Cooling Bushings are the solution and should be used for cosmetic, transparent and optical parts.

For MVG-A:

Code	Ø D	L
VGC-BY03	18	40 mm
	25	
	35	
	45	

For MVG-B:

Code	Ø D	L
VGC-BY03	18	40 mm
	22	
	32	
	42	