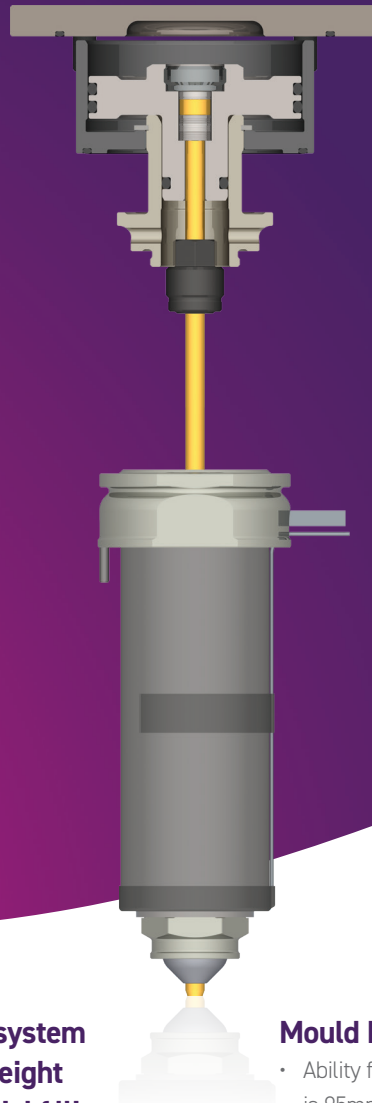


# MVG55 Valve Gate Technology

**mastip**<sup>™</sup>  
hot runner solutions



**The MVG55 (Manifold Valve Gate) system is ideal for medium to large shot weight applications which require sequential filling or cosmetic gates.**

The valve gate system produces faster cycle times, improved part strength and appearance with increased dimensional stability. The MVG55 has the capacity to sequentially fill the part and the ability to manage weld lines.

Due to its high speed multiple gating options and lack of material traps, it will operate with the most demanding materials, including those that contain fillers.

The pneumatic actuated MVG55 is designed for easy installation with the simple mounting in the backplate with integral airways.

## Mould Design

- Ability for close nozzle spacing. Standard minimal pitching is 95mm (can be modified to fit 74mm pitching)
- Backplates can be as thin as 55mm
- Easy machining of the pockets
- Pneumatic circuit is integrated with the backplate

## Operation

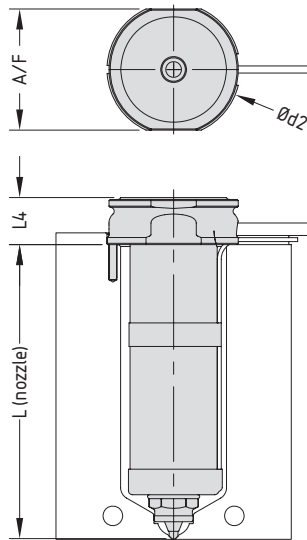
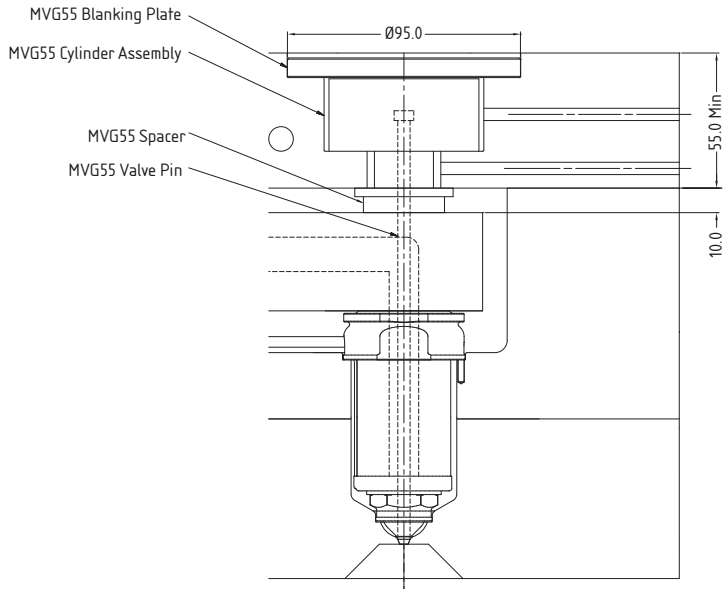
- MVG55 is available to suit BX nozzles in 27 series
- Reduced moulding pressure
- Increased moulding window
- Lower mould filling stress results in better part quality
- Reduced gate cooling requirements
- Valve pin height is adjustable
- Comes with Headed Pin design, with incremental adjustment

## Installation and Maintenance

- Easy machining and installation
- Easy seal replacement

# MVG55 Valve Gate Technology

## Hot Half Section

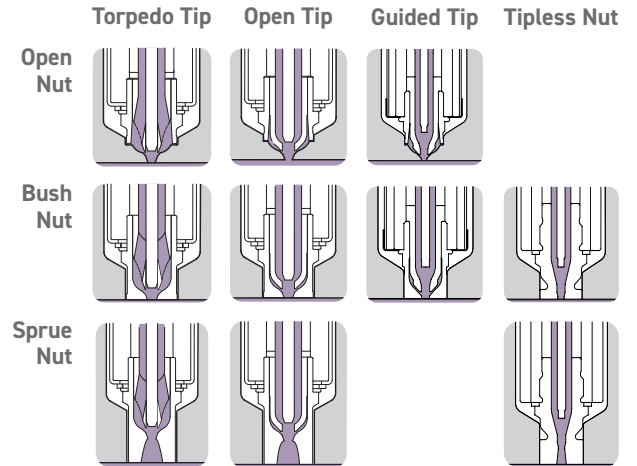


## Valve Gate Assembly

	27 Series
	BX
Description	MVG55-P1 Headed Pin
Actuation Type	Pneumatic
Pin Size	5.0
Stroke	10

All measurements are in millimetres.

## Gating Options



## Availability

	27 Series
	BX
L	75
	85
	95
	105
	115
	130
	145
	160
	175
	200
	225
	250
	275
	300
350	
400	
450	
A/F	45
d2	50
L4	10