



Advantages:

- ✓ Individual positioning
- ✓ Simple mounting hole
- ✓ Valve combinations possible
- ✓ Space saving mounting
- ✓ For hydraulic and pneumatic application
- ✓ Working pressure up to 300 bar
- ✓ Usable for different media

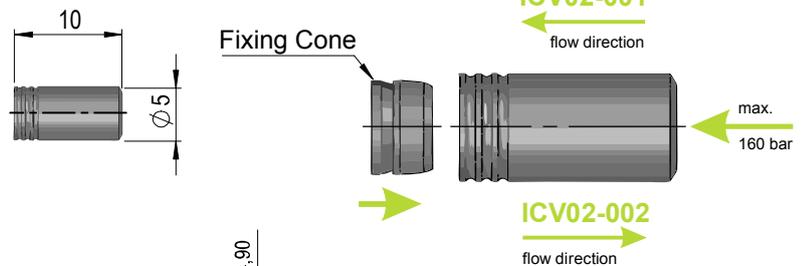


Technical Data

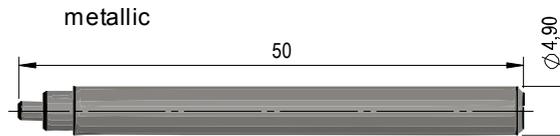
Flow against insert direction	ICV02-001
Flow with insert direction	ICV02-002
Mounting tool	ICVT-001
Pressure in insert direction	max. 300 bar
Pressure against insert direction	max. 160 bar
Opening pressure	2,0 bar
Volume flow - hydraulic	1-70 l/min
Volume flow - pneumatic	10-160 l/min
Bore diameter	5 mm
Sealing	metallic

Non-Return Valve

ICV02-001, ICV02-002



Setting Mandrel ICVT-001



Installation Instruction



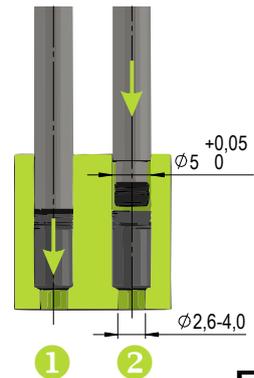
1

The check valve has to be inserted to the bottom of the $\varnothing 5$ bore.

2

Subsequently, the fixing cone is hammered to the stop with the setting mandrel.

It is recommended to use a bore hole of $\varnothing 5$ H7.



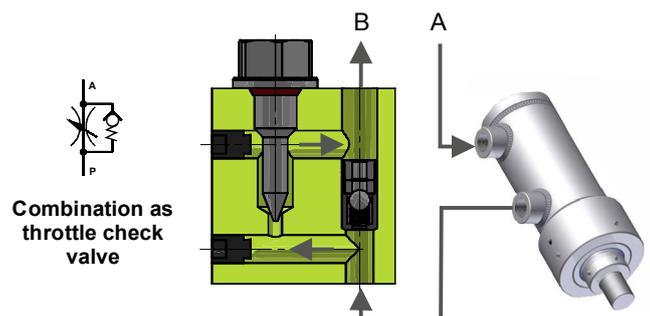
Example

Throttling a fixture at the "B" port

While pressure application at port "A" the cylinder moves out. The displaced volume will be supplied through the throttle screw by passing the non-return valve through the bore of channel "B".

For the retraction of the cylinder, now the port "B" is setted with pressure. The piston drives back with a higher speed.

If this restriction is applied to several cylinders, you can sync them in their movement and throttle the tension in their extension speed.



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Special solutions on request!