

IMM Nozzle CVG45 LSR

IMM Nozzle CVG45 LSR is a cold shut-off nozzle to be installed on the press cylinder that is expressly engineered for the molding of liquid silicone rubber (LSR). This nozzle is characterized by a very large and unobstructed injection channel and by a high efficiency cooling circuit that allow to minimize scraps of material. These features combined with its extremely simple construction makes it the ideal solution for the molding of LSR.



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Cycle time optimization

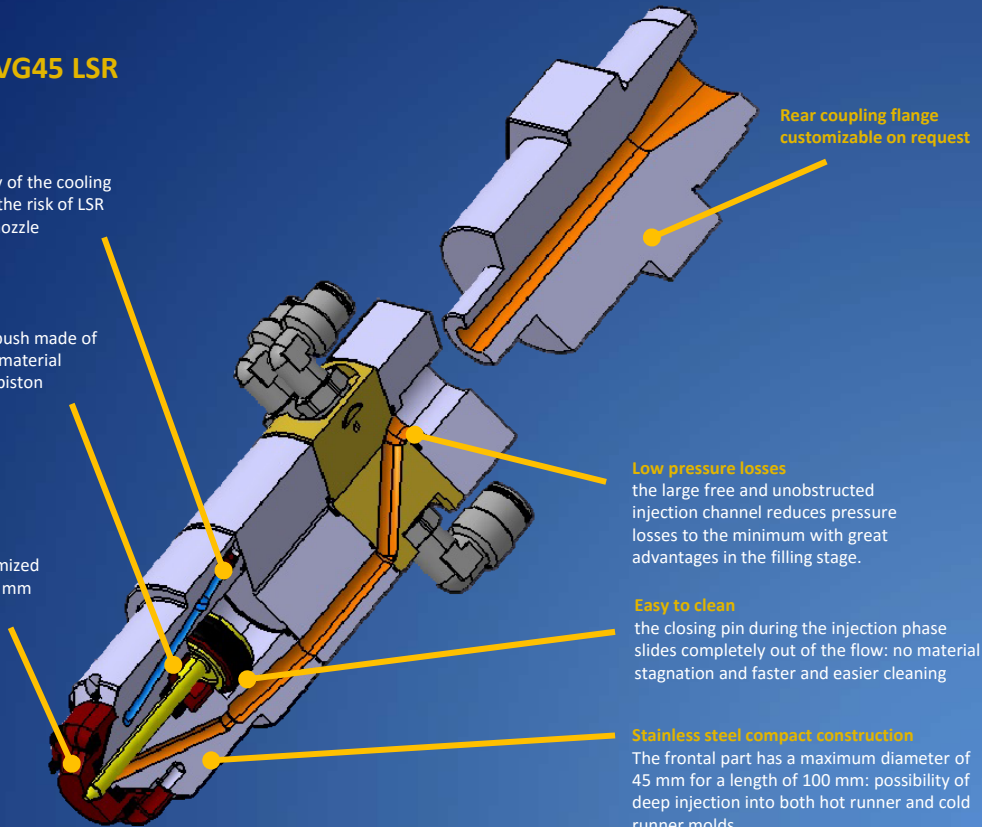
the remarkable efficiency of the cooling system allows to reduce the risk of LSR vulcanization inside the nozzle

Reliability

a specifically engineered bush made of rubber material prevents material leakages into the control piston

Customization

the front tip can be customized with radius from 20 till 50 mm



Rear coupling flange customizable on request

Low pressure losses

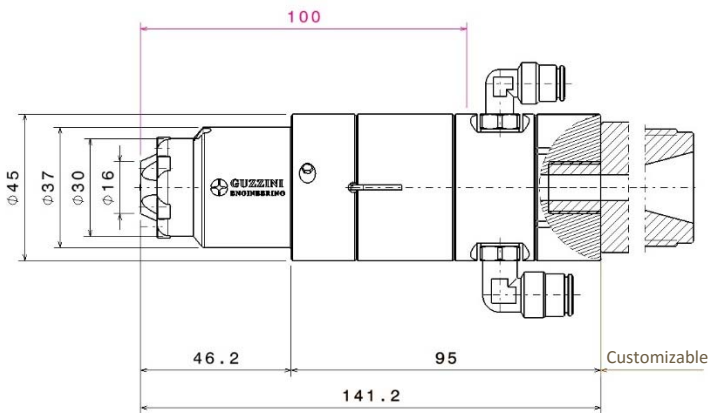
the large free and unobstructed injection channel reduces pressure losses to the minimum with great advantages in the filling stage.

Easy to clean

the closing pin during the injection phase slides completely out of the flow: no material stagnation and faster and easier cleaning

Stainless steel compact construction

The frontal part has a maximum diameter of 45 mm for a length of 100 mm: possibility of deep injection into both hot runner and cold runner molds.



Main Features

Temperature range C°	-10 +70
Max Injection rate. Cm ³ / s	350
Max Injection Pressure. Bars	2500
Standard Injection Orifice Ø mm	2,2 (Max 3,5)
Rear flange thread Ø	Min 22 - Max 36
Front Tip radius mm.	Min 20 - Max 50
Actuation	Pneumatic. (8 Bars)