



The machine nozzle NM is a valve gate nozzle for injection moulding machines. It is used to stop leaking of material during loading, and upon removal from the moulding machine.

The built in spring is manufactured in very heat resistant Inconell spring steel, and holds its capacity even after continuous work in temperatures up to 350°C.

An evacuation channel prevents molten plastic material from entering the spring housing. Additionally the needle (2) is supplied with a sealing edge that also prevents the plastic mass penetrating at high working pressure.

When injection pressure is relieved, the pressure of the spring forces the needle pin (2) forward, thereby blocking the flow of material.

Upon application of injection pressure, material forces the needle pin backwards, thereby opening the flow channel to allow for the passage of material.

The Nozzle is designed to facilitate spray cleaning. It is designed so that Parts 1, 2 and 3 are easy to dismantle on an installed nozzle.

In special instances, the surfaces of parts 1,2, and 3 can be CVD coated to protect them against abrasive materials e.g. Plastics loaded with glass fibre.

The heating band is supplied with a built in Thermo switch.

Please ensure that you follow our given specifications for the maximum torque [kN] for detail 3.

The parts 1 and 2 are sold as a pair.

	NM-40	NM-50	NM-60	NM-80	Please state desired opening pressure! (200-240 Bar)
Max injection weight [gram] (styren)	600	1100	2000	5000	