

Installation Method

The special nitrogen spring for the mold is a high-pressure sealing product, which is strictly inspected and tested before leaving the factory, and does not allow any gas leakage phenomenon, so it requires the correct installation and use of customers to ensure its safety and reliability and the best service life.

1. When the special nitrogen spring for the mold is used as an independent part, after it is installed in the mold, it is generally not necessary to disassemble and maintain within the service life range.
2. If the nitrogen spring is used as a system, it is generally required to be guided by specially trained personnel or professionals. Special attention should be paid to strictly disassembly or maintenance before the nitrogen in the cylinder is fully released to prevent accidents.
3. The screws at the lower end of the special nitrogen spring in the mold mainly protect and strengthen the sealing function, and shall not be disassembled and knocked at will
4. Recommended working stroke $\leq 0.9 \times S$ (manufacturing stroke)
5. The contact of the working base under the top pressure of the piston rod should not be vertical to the axis of the piston rod $\leq 1^\circ$ (that is, it should be kept vertical, and off-load is strictly prohibited)
6. The direction of movement of the upper end of the piston rod must be parallel to the direction of movement of the piston rod
7. After the nitrogen spring is compressed, do not make the piston rod free to return, so as not to cause internal damage to the nitrogen spring
8. Pay attention to keep the cylinder surface of the piston rod clean, be careful of scratches, and do not knock magnetic collision.
9. It is strictly prohibited to put the nitrogen spring in the hot sun exposure and high temperature environment, the maximum allowable temperature $+80^\circ\text{C}$ (special high-temperature nitrogen spring exception)
10. The special nitrogen spring for the mold should be stored in a dry and ventilated, non-corrosive gas environment. After unpacking and installation, if it is inconvenient for a long time, grease can be applied on the surface to protect and prevent corrosion.

Note:

The special nitrogen spring of the mold produced by the company has undergone strict quality inspection. Under the normal and reasonable use of the user, within 1 million times in one year or reciprocating movement (stroke $\leq 50\text{mm}$), our company will be responsible for free warranty and lifelong maintenance of the company's special nitrogen spring products for the mold.