

The hot runner mold is a mold that uses a heating device to keep the melt in the flow channel from solidifying. Because it is shorter than the traditional mold forming cycle and saves more raw materials, the hot runner mold has been widely used in various industrialized countries and regions in the world today

advantage

Folding shorten cycle

The molding cycle of the parts is shortened. Because there is no restriction on the cooling time of the runner system, the parts can be ejected in a timely manner after being cured. Many thin-walled parts produced with hot runner molds can be molded in less than 5 seconds.

Mold picture

Mold picture

Folding saves plastic

Because there is no cold sprue in the pure hot runner mould, there is no production cost. This is particularly significant for plastics expensive applications. In fact, the major hot runner manufacturers in the world have achieved rapid development in the world when petroleum and plastic raw materials are expensive. Because hot runner technology is an effective way to reduce material costs and material costs.

Folding to reduce scrap

Reduce scrap and improve product quality. In the hot runner moulding process, the temperature of the plastic melt is accurately controlled in the runner system. Plastics can flow into the mold cavities in a more uniform state. The result is consistent parts. Hot runner molding parts have good quality, low residual stress after demoulding, and small part deformation. Therefore, many high-quality products on the market are produced by hot runner molds. As many familiar plastic parts as MOTOROLA mobile phones, HP printers, and DELL laptops use hot runner molds..