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Optimistic Prospects of Die standard parts industry

Die standard parts are an crucial part of the mold, like punches, screw, spring, and also mold base. It reduce the mold design and manufacturing cycle, reduce mold production costs, improve quality of mold have a very important technical and economic sense.

According to foreign stamping die, widely used standard parts can shorten the design and manufacturing cycles by up to 25-40%; can save as a user-made standard parts caused by the social working hours, reducing the waste of raw materials and energy; can die CAD / CAM and other modern technologies lay the foundation for the application; can significantly improve the precision mold manufacturing and performance. improve the life of the mold, thus contributing to the economic system within the industry.

In China's mold industry recent years, mold parts standardization, specialization and commercialization, has a high level, made considerable progress. Since 1983, the National Standardization Technical Committee since the establishment of the mold, the mold experts suggest to develop standards, amendment and review, 90% were issued a number of criteria, including standard 22% die. Die Network CEO Gasia Jin said that the current level of standardization and application of the mold level is still relatively low, the optimistic estimate of less than 30%, and foreign industrial countries (70-80%) compared to, there is a big gap.

Although manufacturers are now producing sales increases every year, but most are small, only small and medium sized ordinary standard die and guide posts, guide sleeve, putting, die springs, pneumatic components and other products, a higher degree of commercialization, can basically meet domestic market demand and some exports. And those personalized products with high technological content, such as ball-lock quick-change punch and fixed panels, solid lubrication guide and bushes, wedge and their parts , high-grade plastic mold standard parts and nitrogen gas springs and other main producers in the country very little.

Imported from abroad each year a considerable number of stamping die standard parts. Mold standard parts made in technical standards, technology development, product quality, etc., there are still many problems. Such as, technical innovation efforts of small, outdated equipment, backward technology, low level of specialization, product quality is unstable; lack of professionals, poor management, low productivity, long lead; shoddy goods flooding the market. There regardless of cost, blind prices, disrupting the market phenomenon is the need for careful study.

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