

MIM Application In Notebook PC & Tablet PC

At present, spare parts of MIM process could be mainly assembled to electric fan and rotation shaft in Notebook PC & tablet PC.



On the whole, MIM parts could be used smaller in this industry. However, all these thin and lightweight elements are reflected in this Notebook & Tablet and will serve to strengthen further more.

In the near future, with the notebook and tablet computer in other parts of the large-scale application of MIM products, even if the notebook and tablet computer shipments fall down, MIM items will also be presented from the application of scattered development to the trend of large scale application, thus contributing to the rapid release of MIM product demand.

In the field of auto parts manufacturing, China MIM technology as a non-cutting forming process of metal parts, can save material, reduce production cost, and even reduce the weight of the part, which is conducive to lightweight vehicles and reduce environmental pollution, thus attaches great importance to the automobile industry and has been widely applied in the auto parts market in 1990s.

After years of development, the automobile industry has a large number of micro parts production by MIM process with complicated shapes and double metal parts, such as turbo parts, adjusting ring, nozzle, blades, gear lever, gear box, car locks, sensors, airbags, seat belt regulator, ignition switch, reversing gear, power steering parts, movable roof components etc.. Automotive industry has become one of the most widely used field of MIM technology.

China has become the world's largest automobile producer, the auto industry in China's economic development plays an important role in the development of China's economy. In recent years, with the urbanization process is accelerating, per capita disposable income growth can be sustained, roads and other infrastructure facilities is increasingly perfect, and promote the residents' consumption concept gradually upgrading and other factors, China's automobile demand are growing, which drives the car output synchronized to expand. 2016 China's auto production reached more than 24 millions and continue to maintain a steady growth momentum. With the continuous progress of China's urbanization, the future of China's automobile demand will be further released.

International powder metallurgical products are used in a car, in Europe is 14 kg, 16 kg in Japan, the United States is 19.5 kg. And the usage of domestic automobile MIM product is only about 5 kg. What can be predicted, with car production continued to grow and driven by the future of MIM products in the automotive industry, the application will meet a more broad space for development.

Harbermetal is a professional manufacturer and solution provider of metal powder injection molding process (MIM) and PM process. We provide our customers with high volume structural, functional and appearance parts of various materials with high precision, complex shapes, good performance and exquisite appearance, and we have the ability to develop ceramic and titanium alloy materials to meet the needs of different types of customers. The company mainly provides all kinds of precise and complex hardware structure parts and components to worldwide enterprises in the fields of 3C consumer electronics, new energy, drones, medical devices, automobiles, aerospace, civil consumer goods etc.

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