



## **New Energy Vehicle Fasteners**

Hanlinrui as the professional manufacturer, we would like to provide you New Energy Vehicle Fasteners. New energy vehicle fasteners, hot forging, galvanized, machining finished products, please look at the pictures, to undertake the processing of all kinds of automobile and train parts, support samples, welcome the attached drawing inquiry if necessary.

### **Product Description**

Wholesale quality New Energy Vehicle Fasteners. Hanlinrui is a New Energy Vehicle Fasteners manufacturer and supplier in China. Hanlinrui machinery since its establishment, all kinds of lathe processing center upgrading, increase capacity, shorten delivery time, product requirements of zero error, should be concerned about customer problems, considering sample aging, production capacity, quality of finished products for different problems to give solutions. I have been engaged in hot forging products for 5 consecutive years, and the process optimization and product quality are very stable. And constantly improve the pursuit of better development. We are not only a product, but also a responsibility. Small as the parts are, they all matter. Each other's backs, each other's achievements.

Steel forging is mainly used for automotive forging applications. Wrought aluminum alloys are on the rise due to the increasing lightweight construction demands; the use of magnesium is rare.

In the volume segment, components are forged in mostly small to medium series under closed die forging process. This enables the use of most automotive components with high strength and working performance.

A number of typical automotive forgings are listed below. The examples are applicable for both passenger cars as well as commercial vehicles:

- ◆Engine parts: piston, connecting rods, cams, camshafts, crankshafts, valves, distributor housings, balance shafts
- ◆Driving gear: all types of pinions, synchronizer rings, CVT, ...
- ◆Powertrain: Flange yokes and peg carriers, wheel hubs, driving shafts, universal joints, joint discs
- ◆Undercarriage: wheel carriers, axle journal, pivot bearings, axle stub, ball stubs, steering

levers, steering levers, front axle beams, wishbones, ...

◆ Brake system: Brake plates, brakes carriers, brake cylinders, brake handles

### **Hot Forgings for the Aerospace Application**

◆ Fuselage components such as fittings for doors and wings, ribs, window frames

◆ Engine with turbine blades, propulsion cone, discs, control levers

◆ Fittings and guide rails for the empennage

◆ Landing gear: carrier, fasteners, pins

Rotor systems: fittings, rotor head, gearbox cover

In the aerospace sector, besides steel forgings, high-strength and temperature resistant special materials such as nickel-based and titanium alloys are used, as well as lightweight construction materials such as wrought aluminum alloys and magnesium.

#### **Additional Application Fields**

Hot forging is not limited for automotive and aerospace applications. Furthermore, there are also some other important application fields in which hot forgings can showcase their strengths:

◆ Construction industry

◆ Mechanical engineering

◆ Agriculture

◆ Defense industry

◆ Steel construction

◆ Offshore Industry

◆ Sanitary sector



