



## METAL STAMPING

**Gestión de Compras** has means of production available to make parts through processes such as sheet metal stamping.

### PROCESS:

The sheet metal forming by stamping is a way of working the plate and get parts for a wide range of sectors: appliances, telecommunications, automotive, hardware, industrial machinery, home furnishings and furniture, electrical components.... are only some of them.

Stamping consists on compressing a specific metal between two moulds. There are two types of stamping: the progressive stamping and printing by percussion. In progressive type, compression is continuously applied while in percussion stamping, pressing is applied intermittently with a press or hammer.

With thin sheet-metals, it is normally used cold stamping. It is called "cold stamping" because the process is done with material at lower temperatures than its recrystallization temperature.

This sheet-metal forming process will be only satisfactory for plates made of ductile and malleable metals such as carbon steel, stainless steel, aluminium, copper, brass, titanium, etc.

Main advantages of the stamping are as follows: pieces can have complex shapes, there is a wide range of materials to work with, and producing a high quantity of parts does not suppose high cost and expensive labour. Additionally, the surface finish is good but can be further treated to improve some properties.

One of main disadvantages of this process is the fact that thickness of part may be limited. Moreover, it is a process with several stages and operations.

## **PRODUCTION:**

In **Gestión de Compras** we are professionals in a wide range of stamping parts. In every new development we adapt to customer needs to obtain a product with the best quality.

Our factories have hydraulic and mechanical presses with different ranges of tonnage and dimension table for stamping, as there is a wide range of thicknesses available.

In the pictures, we show some our production lines and stamping machines.



## **MATERIALS AND PRODUCTS:**

The materials available for this process are carbon steel, stainless steel, copper, brass, etc.

We have exclusive productive means for stamping all types of metals, with capacity to produce parts on a wide range of sizes and shapes for various applications in industry (automotive, electrical appliances, telecommunications, hardware, machinery, furniture, electrical components...).

The parts usually made by these processes are mechanical components and high strength parts in general, like reinforced doors, bumper, metal components for automotive, electrical appliances, etc.

In the pictures have shown some examples of parts obtained by stamping.



## **REGULATIONS:**

Our factories have the most demanding certifications for customers to ensure product quality as ISO 9001, TS 16949 and ISO 14001.



## **CONTACT:**

In **Gestión de Compras** work with a wide range of customers from different sectors but have in common the search for products that suit your needs at the best price and the guaranteed maximum quality.

Check with us about any product. We have a qualified staff who will advise you about their products or send us their own drawings for make new designs.

**C/ Nueva 35**

**02002 Albacete (Spain)**

**Phone: + (34) 967 221 602**

**Fax: + (34) 967 223 369**

**Email: [info@gestiondecompras.com](mailto:info@gestiondecompras.com)**