

DRILLING

Gestión de Compras has means of production available to make parts through processes such as drilling.

PROCESS:

Drilling is a machining process. The main feature of this process is material removal. The materials employed in drilling and other machining processes are carbon steel, copper, stainless steel, aluminium ... Parts made by this process have an important use in industrial, automotive, machinery, telecommunications, and other electrical and electronic components.

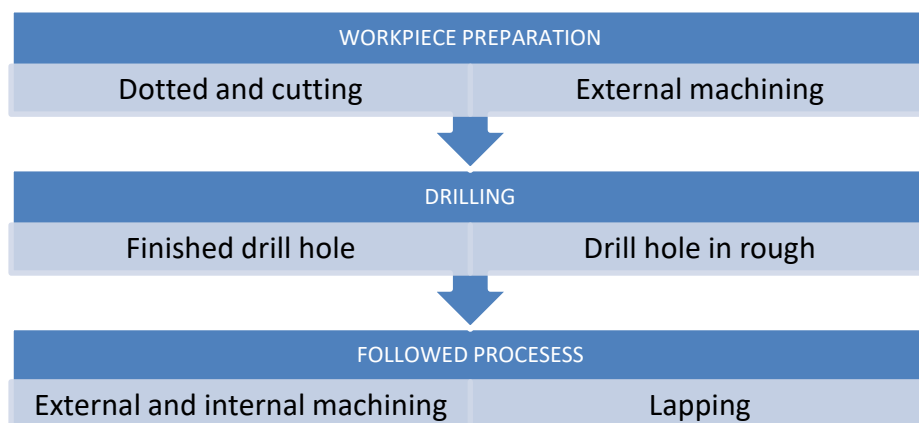
Most important element of this process is cutting tool. Cutting tool is the drill bit. Drill bit is pressed against work-piece surface. Cutting tool removes material. This material removed is called chipping.

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The drilling can **be used with** different shapes. The different types of drill are electric drill, hydraulic, pneumatic, magnetic, hand percussion, stand, milling or column.

According to characteristics drill, this tool is divided into different series. Series P, Series M, Series K, Series N, Series S, Series H. They are classified in the ISO / ANSI 01, 10, 20, 30, 40 and 50.



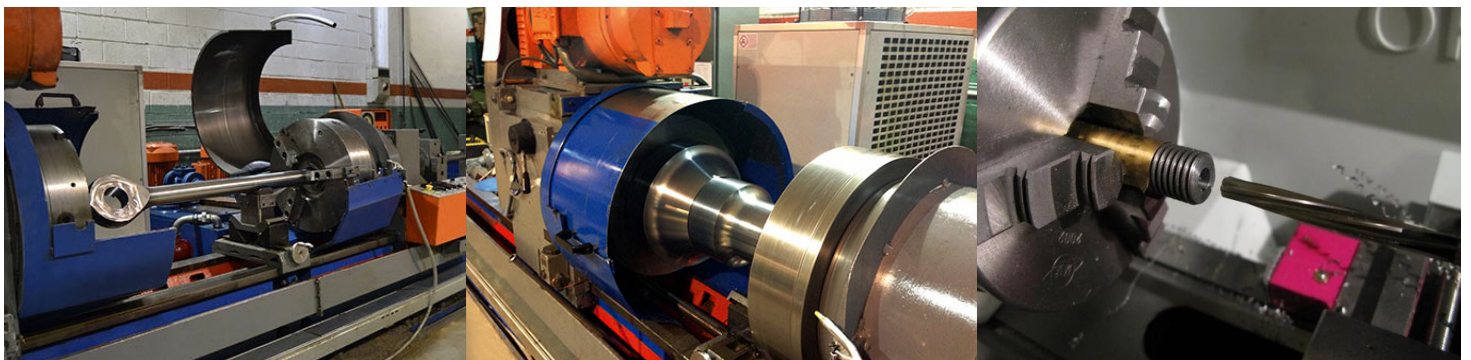
PRODUCTION:

In Gestión de Compras we are professionals in a wide range of drilling products. We have the versatility to produce parts of products according to requirements and drawings of customer, but we also work with standard products.

We work with most of material and drilling process because we have the support of factories equipped with all the kinds of drilling tools to get the desired products.

Types of perforations:

- Spot drilling. Guide the next step of drilling process.
- Center drilling: Perforation will be a rotation center for next process.
- Deep hole drilling: Drilling depth is ten times larger than the diameter of the hole made.
- Gun drilling. It needs a high speed in the hole.
- Trepanning: Used for creating large holes.
- Micro-drilling: Used for creating small diameter holes.
- Vibration drilling.
- Circle interpolating: Cutting tool rotates on its own axis



MATERIALS AND PRODUCTS:

❖ We offer the best option for different materials:

- Steel, cast steel, malleable steel and steel with long-chips.
- Stainless, ferritic and martensitic steel, cast steel, manganese steel, alloy cast - Iron, malleable cast iron.
- Cast iron, die casting material, malleable iron with short chips.
- Non-ferrous metals
- Superalloys
- Hardened material.

❖ Our main products:

- Automotives: Camshaft, axle...
- Iron and Steel industry: Pipes, valves, flanges, round bars...
- All kinds of machining parts.
- Moulds and die-cut products
- Other products.



TOLERANCES:

- ❖ Our pre-drilling and post-drilling processes guarantee the desired finished and tolerances of the pieces.
 - Ultrasonic thickness Gauge
 - We can guarantee the Digital Drilling Control System.
 - X-ray test, to improve performance and having it easier to control sophisticated drilling machines

- ❖ We offer strict tolerance because we work with all the kinds of drill.
 - P-Serie ISO 01,10,20,30,40,50.
 - M-Serie ISO 10,20,30,40.
 - K-Serie ISO 01,10,20,30.
 - N-Serie ISO 01,10,20,30.
 - S-Serie.
 - H-Serie ISO 01,10,20,30.

STANDARD AND CERTIFICATES:

We work indirectly with the main Tier 1 of the automobile sector, then we work with best quality in our products.

We have the means to ensure our products comply the general regulation and the specific certificated regulations in manufacturing products that requires them.

- ISO9001
- OHSAS 18001 to ensure the best level of security.



CONTACT:

In Purchasing Management work with a wide range of customers from different sectors but have in common the search for products that suit your need sat 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.

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PRODUCTS:





