



TUBE CALIBRATION

Gestión de Compras have the means to get calibrated tubes and profiles in a wide range of dimensions and materials.

PROCESS:

The calibration of tubes and profiles is not an operation itself. It is an operation including within the tube manufacturing process. In order to ensure the dimensional quality of the product.

Nowadays, at the most industries, tubes calibration is carried out by machines that control thickness, eccentricity, diameter and ovality. This calibration machines are placed just after extruder machine. It use ultrasounds to make continued and direct measurements.

For this purpose is common use presses for pipes calibration especially for large diameters. The presses for calibration of pipes can have an automatic advancement shuttle system during the pipe calibration processing.



PRODUCTION:

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The calibration tube is made from extrusion or welded tubes. In the case of welded pipes which are cold formed and made by sheet metal where the weld dead is removed inside, is applied one or more of the following operations

- Heat treatment (usually normalized but other treatments can be carried out)
- Surface Chemical Treatment. (Phosphate covering, zinc plating, chromium coating, etc.).
- Cold drawing.
- Straightened.
- Non-destructive and dimensional control.

MATERIALS:

Calibrated tubes can be made by different types of steel, nickel alloys, some titanium alloys and aluminum alloys. The more common steels used are:

- E235
- E355
- AISI-304L
- AISI-316L



STANDARD AND CERTIFICATES:

Our factories have the most demanding certifications for customers to ensure product quality as:

- ISO 9001
- ISO 14001.
- OHSAS 18001. Security and safety.

And produce according to specific standards for calibrated tubes, if it is required:

- EN 10305-1.
- DIN-2391
- DIN 2445
- DIN-1630
- EN 10204



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.

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