

## SEAMLESS CHROMED TUBES SUITABLE FOR SHAFTS

**SEAMLESS** tubes EN 10305-1 externally rectified and chromed **Hexavalent Chromium free (CrVI free)**, specifically intended for production of hollow piston rods for hydraulic cylinders.

The outside chromium layer grants to this product high surface microhardness properties and resistance to corrosion, combined to an high level of dimensional precision of the outside diameter.

The same chroming process, upon request, could be applied to welded cold drawn tubes (EN 10305-2) too.

### NORMS

**EN 10305-1** seamless cold drawn tubes (standard stock).

**EN 10305-2** welded cold drawn tubes (upon request).

**EN ISO 286-2** reference norm for precision diameter.

### APPLICATIONS

The main purpose of these tubes is production of hollow piston rods, in all situations where the weight saving is an indispensable objective (see also scheme at page 15).

Some of the components that can be built with this product are shafts for cylinders and linear actuators of every type and equipment, such as heavy machines, agricultural machines, lifting equipments, hydraulic platforms and industrial machines of different kinds.

