

CHROMED BARS

Round steel bars, rectified and successively chromed by electrochemical process **Hexavalent Chromium free (CrVI free)**. Main feature of this product is a high dimensional precision, in order to meet requirements of tolerance f7 according to EN ISO 286-2. In the meantime the chrome layer provides a high surface microhardness and resistance to external agents, indispensable properties for obtainment of piston rods for hydraulic cylinders, which are components undergoing to friction.

The solid bars chosen for chroming process could be hot rolled bars, according to EN 10083, or bright steel products (drawn, turned, ground bars), according to EN10277.

APPLICATIONS

The chromed bars are mainly intended for oleodinamic sector, for the obtainment of piston rods for hydraulic cylinders, however this product could also be applied to other sectors where dimensional precision and resistance to friction are required.

NORMS

EN 10083-1/2/3 properties of non-alloyed and alloyed steels for quenching and tempering.

EN 10277-1/5 bright steels, general features and properties of steels for quenching and tempering.

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

