

SEAMLESS TUBES FOR MECHANICAL APPLICATIONS

GENERAL FEATURES

GENERAL DESCRIPTION

The tubes for mechanical applications are mainly used in those process in which turning and CNC machines are used. The wide size range available, with OD from 21,3 to 812 mm, gives the possibility to manufacture several kinds of components for different applications: small machine parts, flanges, fittings, Archimedean screws, hydraulic cylinders for heavy machines etc.

STRUCTURAL PURPOSES

The seamless steel tubes for mechanical applications, are available as standard stock with double marking E355-EN 10297-1 / S355J2H-EN 10210, allowing them to be suitable for structural purposes too, thus extending the range of available wall thicknesses respect to structural welded hollow sections.

For more details, please check our catalogue "Commercial and construction tubes".

THE NORM EN 10297-1

The norm EN 10297 specifies the technical delivery conditions for seamless round steel tubes.

PRESSURE PURPOSES

The tubes according to EN 10297-1, are also available as standard stock according to the norm EN 10216-3: seamless steel tubes for pressure purposes , alloy fine grain steel tubes. This product, with designation as E355K2 – EN 10297-1 / P355N (or P355NL1) – EN 10216-3, is supplied in normalized delivery condition and reaches high impact properties at low temperature, resulting particularly suitable for production of hydraulic cylinders.

