



WINTRADE S.r.l.
CHROME PLATED BARS • STEEL TUBES • SPECIAL STEELS

DRAWN SEAMLESS STEEL PIPES FOR HYDRAULIC CIRCUITS

Tolerances and characteristics

AVAILABLE ON STOCK Galvanically galvanized on the outside th. 8/10 µm, and yellow passivated

DIMENSIONS

The table shows the dimensions manufactured and normally used in the field of hydraulics.

In any case, the cold finishing allows to obtain, within the limits set by the plants, a practically infinite series of intermediate diameters and thicknesses, therefore different dimensions can be manufactured on explicit request.

STEEL

Steel ST 37.4 steel DIN 1630/84 - E235 EN 10216-1
Tolerance DIN 2391 / C
Execution NBK (N)

TREATMENTS

Standardized in controlled atmosphere (NBK-N).

LENGTHS

The tubes are sold in commercial lengths of 5 to 7 meters.

GALVANIZING

Galvanically galvanized on the outside th. 8/10 µm, and yellow passivated.

ECCENTRICITY

DE 22mm and Sp.2mm max. 5%
other dimensions max. 10%

PROTECTION

ID <6 mm with mineral oil ID > 6 mm with Bonder

Chemical analysis of the material (heat analysis)

steel	C	Si	Mn	P	S
E235 (ST 37.4)	0.17	< 0.35	< 1.20	< 0.025	< 0.015

Mechanical characteristics

steel	Yield strength (Rm) N/mm2	Tensile strength (Rs) N/mm2	EI %
E235 (ST 37.4)	340/480	> 235	> 25