



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

**NZT®**

*H9 hydraulic cylinder tube*

According to EN 10305-2

Steel Grade: E355+C /ST-52.3 BK

Chemical analysis

C	Mn	Si	P	S	Al
≤0,22	≤1,60	≤0,55	≤0,025	≤0,025	≤0,020

**Mechanical properties at room temperature**

	Rp0,2 min. N/mm <sup>2</sup>	Rm N/mm <sup>2</sup>	A min. %	AvRT J	HB
Cold Drawn E355+C	355	640	4	-	-

**Internal diameter tolerance:** H9

**Outside diameter tolerance:** EN 10305-2

**Thickness tolerance:** + / - 3%

**Internal roughness:** Ra - max. 0,80 µm (statistical average 0,20 – 0,50 µm)

**Diameter range:** outside diameter 20- 130 mm

**Thickness Range:** 2 / 2,5 / 3 / 3,5 / 4 / 5 / 6 / 7,5 mm

**Bars length :** 4000 / 12.000 mm

**Eddy current test:** 100% checked found ok

**Marking:** Dimension - Heat treatment- Steel grade- Heat number & Logo

**Packaging:** oil, caps

**General properties and applications**

NZT® is our brand, ready to use H9 to make hydraulic cylinder. The internal cold drawn is made by a complex process that increases the roughness qualities of the surface and creates an internal mirror surface.