



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

38MnV6

chromed 25 my

According to EN 10267
Corrosion Resistance

ISO 9227 NSS Rating 9 ≥ 120 h

Chemical analysis

C	Mn	Si	P	S	Cr	V	Ni	N
0,34÷0,41	1,20÷1,60	0,15÷0,80	≤0,025	0,20÷0,60	≤0,30	0,08÷0,20	—	0,010÷0,020

Mechanical properties at room temperature

Base material	Diameter Ø mm.	Rp0,2 min. N/mm ²	Rm N/mm ²	A min. %	AvRT J	HB30
Hot rolled + Peeled+ SH	20 < Ø ≤160	460	800 ÷ 950	12		240 ÷ 290

Tolerance: ISO f7

Range: diam. 20 - 160 mm

Surface roughness: Ra - max. 0,20 µm (statistical average 0,05 – 0,15 µm)

Chromium thickness: Ø < 20 mm = min. 20 µm

Chromium hardness: min. 900 HV

General properties and applications

38MnV6 chromed bar is high strength manganese and vanadium steel. It's an high quality steel with a low alloy and good machinability. We recommend 38MnV6 chromed bar for piston rod used in complex equipment.