



# METALLURGICA VENETA

ACCIAI SPECIALI • ACCIAI COMUNI • ASTE CROMATE • TAGLI A MISURA  
TUBI IN ACCIAIO PER APPLICAZIONI MECCANICHE • TUBI PER CILINDRI

X90CrMoV18 TEMPERED STAINLESS STEEL GRINDED				
DIAMETER mm		Weight Kg/M		TECNICAL FEATURES
X90CrMoV18	TEMP. D.	8	h6	<p style="text-align: center;"><b>TOLERANCE</b> ISO h 6</p> <p style="text-align: center;"><b>SURFACE HARDNESS</b> 54 / 58 HRC</p> <p style="text-align: center;"><b>CHEMICAL COMPOSITION</b>  <b>C</b> 0,75 - 0,95    <b>Cr</b> 16 - 18  <b>Mo</b> &lt; 0,75        <b>Si</b> MAX 1  <b>Mn</b> MAX 1        <b>P</b> &lt; 0,040  <b>S</b> &lt; 0,030</p>
X90CrMoV18	TEMP. D.	10	h6	
X90CrMoV18	TEMP. D.	12	h6	
X90CrMoV18	TEMP. D.	16	h6	
X90CrMoV18	TEMP. D.	20	h6	
X90CrMoV18	TEMP. D.	25	h6	
X90CrMoV18	TEMP. D.	30	h6	
X90CrMoV18	TEMP. D.	40	h6	
X90CrMoV18	TEMP. D.	50	h6	
<p>Martensite structure: magnetic. Used to obtain the highest hardness compared to any other type of steel, resistant to corrosion and to acids. Used for shears, shafts, ball and roller bearings. It can be replaced without notice by X105CrMo17.</p>				

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