

Steel Grade: X120Mn12   Material No: 1.3401								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	Ni(%)	Other(%)
1.10~1.30	0.30~0.50	12.0~13.0	0.1	0.04	-1.5	—	—	—
HARDNESS AND HEAT TREATMENT								
Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Annealing hardness HBS ≤			
1100~850	—	—	1000~1050 Water	—	—			
MECHANICAL PROPERTIES								
Size/mm	Tensile Strength   $\sigma_b$ /Mpa	Yield Strength   $\sigma_s \geq$ /Mpa	Extensibility   $\delta_5$ (%) $\geq$	Reduction of Area   $\psi$ (%) $\geq$	Ballistic   akv/J <sup>③</sup>			
≤16	880~1130	410	40	40	124			
17~40	830~1080	390	42	40	124			

From: Jiangyou Hacer Technology Co., Limited  
 Factory Add: Jiangzhang Road, Jiangyou City, SC, China  
 Website: <https://www.jhacer.com/>  
 Email: [sales@jhacer.com](mailto:sales@jhacer.com)  
 Phone: +86-(0)816-3260757  
 Call: +86-13658128897(WhatsApp)