

Steel Grade: 34CrMo4   Material No: 1.7220								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.30~0.37	≤0.40	0.60~0.90	0.035	0.035	0.90~1.20	0.15~0.30	—	—
HARDNESS AND HEAT TREATMENT								
Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C		Temper/°C	Annealing hardness HBS ≤		
1050~850	680~720	850~890	830~860Water	840~870Oil	540~680	223		
MECHANICAL PROPERTIES								
Size/mm	Tensile Strength   $\sigma_b$ /Mpa	Yield Strength   $\sigma_s \geq$ /Mpa	Extensibility   $\delta_5$ (%) ≥	Reduction of Area   $\psi$ (%) ≥	Ballistic   akv/J③			
≤16	1000~1200	800	11	45	40			
17~40	900~1100	650	12	50	45			

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)