

Steel Grade: C30   Material No: 1.0528								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.27~0.34	≤0.40	0.50~0.80	0.045	0.045	≤0.40	≤0.10	≤0.40	Cr+Mo+Ni < 0.63%
HARDNESS AND HEAT TREATMENT								
Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Annealing hardness HBS ≤			
1100~850	650~700	870~900	850~880 Water	540~680	170			
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	600~750	400	18	35	—			
17~40	550~700	350	20	40	—			

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)