



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 14CrNiMo13-4 | Material No: 1.6657

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.11~0.17	≤0.40	0.30~0.60	0.035	0.035	0.80~1.10	0.10~0.25	3.00~3.50	—

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Carburize/°C	Inside Quench/°C	Surface Quench/°C	Temper/°C	Annealing hardness HBS ≤
1150~850	650~700	880~980	840~880	780~820, —	150~200	241

INSIDE 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
φ11	1130~1430	—	9	—	—

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