



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 15Cr3 | Material No: 1.7015

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.12~0.18	0.15~0.40	0.40~0.60	0.035	0.035	0.40~0.70	—	—	—

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	900~950	870~900	—	150~180	174

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	780~1030	510	10	35	41

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