



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 20CrMoS3 | Material No: 1.7319②

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.17~0.23	≤0.40	0.60~0.90	0.035	0.035	0.40~0.70	0.30~0.40	—	—

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Carburize/°C	Inside Quench/°C	Surface Quench/°C	Temper/°C	Annealing hardness HBS ≤
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INSIDE MECHANICAL PROPERTIES

Size/mm	Tensile Strength σ_b /MPa	Yield Strength $\sigma_s \geq$ /MPa	Extensibility $\delta_5(\%) \geq$	Reduction of Area $\psi(\%) \geq$	Ballistic akv/J
#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

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