



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 15CrMo5 | Material No: 1.7262

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.13~0.17	0.15~0.35	0.80~1.10	0.035	0.035	1.00~1.30	0.20~0.30	—	—

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Carburize/°C	Inside Quench/°C	Surface Quench/°C	Temper/°C	Annealing hardness HBS ≤
1050~850	680~700	840~880	820~850	810~830 Oil	150~180	207

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
φ11	880~1180	635	9	35	41

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