



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 45CrMoV6-7 | Material No: 1.7737

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	Other(%)
0.40~0.50	0.15~0.35	0.60~0.80	0.035	0.035	1.30~1.50	0.25~0.75	V 0.25~0.35

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Spring Thermal Forming/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Annealing Hardness ≤HBS
1050~850	950~870	740~780	—	930~960Oil	530~600	210

MECHANICAL PROPERTIES

Flat Steel Size/mm	Round Steel Size/mm	Tensile Strength σ_b /MPa	Yield Strength $\sigma_s \geq$ /MPa	Extensibility $\delta_5 \geq$ (%)	Reduction of Area $\psi \geq$ (%)	Ballistic AKV① /J \geq
10	12	1180~1370	1030	6	—	—

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