

Steel Grade: 40Mn4 Material No: 1.1157								
CHEMICAL COMPOSITION								
C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	Ni(%)	Other(%)
0.36~0.44	0.25~0.50	0.80~1.10	0.035	0.035	—	—	—	—
HARDNESS AND HEAT TREATMENT								
Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C			Temper/°C	Annealing hardness HBS ≤	
1100~850	650~700	850~880	820~850Water	830~860Oil	550~660	217		
MECHANICAL PROPERTIES								
Size/mm	Tensile Strength σ_b /Mpa	Yield Strength $\sigma_s \geq$ /Mpa	Extensibility δ_5 (%) \geq	Reduction of Area ψ (%) \geq	Ballistic akv/J ^③			
≤16	880~1080	635	12	40	34			
17~40	780~930	540	14	45	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)