



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 9SMn36 | Material No: 1.0736

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
≤0.14	≤0.05	1.00 ~ 1.50	0.11	0.34 ~ 0.40	—

MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength σ_b /Mpa	Yield Strength σ_s /Mpa	Extensibility δ (%)≥	Hardness HBS≤
890 ~ 920°C Normalizing	≤16mm	≥380	235	—	—
890 ~ 920°C Normalizing	17 ~ 40mm	≥380	225	—	—
890 ~ 920°C Normalizing	41 ~ 63mm	≥380	215	23	—
Before Hot Working	≤10mm	390 ~ 580	—	—	174
Before Hot Working	11 ~ 16mm	390 ~ 580	—	—	174
Before Hot Working	17 ~ 40mm	380 ~ 550	—	—	163
Before Hot Working	41 ~ 63mm	370 ~ 540	—	—	159
Cold-Drawing	≤10mm	560 ~ 800	440	6	—

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