

Steel Grade: AISI S1 UNS T41901							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
0.45~0.55	0.25~0.45	0.20~0.40	1.25~1.75	0.4	0.15~0.30	1.00~3.00	—
HARDNESS AND HEAT TREATMENT							
Initial Forging Temperature/°C	Finish Forging Temperature/°C	Annealing/°C	Hardbess HBS After Annealing	Quenching/°C	Quenching Medium	Tempering/°C	Hardbess HBC After Tempering
1010~1120	870	790~820	183~229①	900~980	Oil	200~650	58~40

Remark:

- ①, The temperature is after carburization.
- ②, It is surface hardness after carburization.
- ③, Aging treatment.

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