

Steel Grade: AISI S4   UNS T41904							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
0.50~0.60	1.75~2.25	0.60~0.95	≤0.35	—	—	≤0.35	—
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	760~790	192~229	870~930	Saline or Water	180~430	60~50

**Remark:**

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

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