

Steel Grade: AISI H19   UNS T20819							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
0.4	0.20~0.40	0.20~0.40	4.25	—	2	4.25	—
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
—	—	870~900	207~241	1095~1205	Air or Oil	540~705	57~40

**Remark:**

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

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