

Steel Grade: AISI H42   UNS T20842							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
0.6	0.20~0.40	0.20~0.40	4	5	2	6	—
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
1040~1120	930	840~900	207~235	1120~1220	aline、 Oil or A	570~650	60~50

**Remark:**

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

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