

Steel Grade: AISI H12 UNS T20812							
CHEMICAL COMPOSITION							
C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
0.30~0.40	0.80~1.20	0.20~0.40	4.75~5.50	1.25~1.75	0.10~0.50	1.00~1.70	—
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
1070~1150	900	840~900	192~229	990~1020	Air	540~650	55~38

Remark:

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

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