

| Steel Grade: AISI H14 UNS T20814 | | | | | | | |
|------------------------------------|-------------------------------|--------------|--------------------------------|--------------|------------------|--------------|--------------------------------|
| CHEMICAL COMPOSITION | | | | | | | |
| C(%) | Si(%) | Mn(%) | Cr(%) | Mo(%) | V(%) | W(%) | Other(%) |
| 0.4 | 0.20~0.40 | 0.20~0.40 | 5 | — | — | 5 | — |
| 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 |
| 1070~1180 | 900 | 870~900 | 207~235 | 1010~1070 | Air | 590~650 | 47~40 |

Remark:

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

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