

Steel Grade: AISI F3 | UNS —

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	Cr(%)	Mo(%)	V(%)	W(%)	Other(%)
1.25~1.40	0.10~0.40	0.10~0.40	0.50~1.00	—	—	3.50~4.00	—

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
980~1090	900	790~820	212~248	790~870	Water, Oil or Salt	150~260	66~62

Remark:

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

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