

| Steel Grade: ASTM 1345 | | | | | | | |
|------------------------|--------------------|-----------|--------|--------|-------|-------|-------|
| CHEMICAL COMPOSITION | | | | | | | |
| C(%) | Si(%) ^③ | Mn(%) | P(%) ≤ | S(%) ≤ | Cr(%) | Mo(%) | Ni(%) |
| 0.43~0.48 | 0.15~0.35 | 1.60~1.90 | 0.04 | 0.04 | — | — | — |

Remark:

- ①, Remnant element: Cr ≤ 0.20%, Mo ≤ 0.06%, Ni ≤ 0.25%, Cu ≤ 0.35%
- ②, When the ω(Pb) is between 0.15% and 0.35%, the steel grade should be added "L" between the second number and the third number.
- ③, We can supply the steel of ω(Si) ≤ 0.15%, if you want to use it to cold forming parts, please choose ω(Si) ≤ 0.10%.
- ④, It is boron steel and the ω(B) is 0.0005%~0.003%, can not contain Ti, the max ω(B) is 0.005%.

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