

Steel Grade: ASTM 1045 | UNS G10450

CHEMICAL COMPOSITION

C(%)	Mn(%)	P(%) ≤	S(%) ≤
0.43~0.50	0.60~0.90	0.04	0.05

Remark:

- 1, The normal cold working carbon steel quality grade of ASTM standard is consult ASTM A108-1999, the chemical component is not different with this table.
- 2, The special hot working carbon steel quality grade of ASTM standard is consult ASTM A576(90b)(2000), the chemical component is not different with this table.
- 3, If you ask the Si component, please choose below four options: Si ≤ 0.10%, Si 0.10~0.20%, Si 0.20~0.40%, Si 0.30~0.60%.
- 4, If you ask the Cu component, it should be under 0.20%.
- 5, The standard is ASTM A29/29M(1999).

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