

Steel Grade: UNS G50461							
CHEMICAL COMPOSITION							
C(%)	Si(%) ^③	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Ni(%)
0.44~0.49	0.15~0.35	0.75~1.00	0.04	0.04	0.20~0.35	—	—

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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