



# A062

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## Introduction:

A062 is a, calcium-titanium coated, Cr<sub>23</sub>Ni<sub>13</sub> stainless steel electrode. The deposited metal has good crack-resistance and oxidation resistance. The electrode can operate on AC/DC. It is easy to operate.

## Uses:

It is used in similar type stainless steel, dissimilar stainless steel and high chromium steel and high manganese steel.

## Chemical Composition (%)

Chemical Composition	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
Guarantee Value	≤0.15	0.50 ~ 2.50	≤1.00	≤0.030	≤0.040	22.0 ~ 25.0	12.0 ~ 14.0	≤0.75	≤0.75
General Result	0.055	1.45	0.70	0.009	0.021	24.25	12.75	0.035	0.10

## Mechanical Properties of Deposited Metal

Test Item	Rm (N/mm <sup>2</sup> )	A (%)
Guarantee Value	≥550	≥25
General Result	595	40

## Reference Current (AC/DC<sup>+</sup>)

Diameter	φ2.0	φ2.5	φ3.2	φ4.0	φ5.0
Amperage	40 ~ 80	50 - 100	70 ~ 130	100 ~ 160	140 ~ 200

### Notes:

1. The electrode must be preheated at the temperature of 300° C for 1 hour.
2. Preferred DC power supply, electricity should not be high.

## Welding Positions:

