MG-S70NCb PREMIARC™

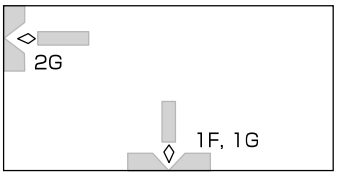
Solid wire

Features:
- Inconel 82 type filler wire
- Suitable for Inconel, Incoloy, dissimilar-metal joints and overlaying on carbon steel

Classification: AWS A5.14 ERNiCr-3

Shielding gas: Ar
Polarity: DCEP

Welding Positions:



Packaging data

ϕ mm	Spool
1.2	10kg
Volume mm	240W, 110H, 240L

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.03	0.10
Si	0.22	0.50
Mn	3.0	2.5~3.5
P	<0.01	0.03
S	0.002	0.015
Ni	72.0	67.0min.
Cr	20.0	18.0~22.0
Ti	0.28	0.75
Fe	1.7	3.0
Nb+Ta	2.6	2.0~3.0
Cu	0.01	0.50

Note: [a] Single values are maximum.

Welding parameters (A)

ϕ mm	1F, 1G, 2G
1.2	80~200

All-weld mechanical properties

	Typical
0.2%YS (MPa)	370
TS (MPa)	660
El on 4d (%)	41
IV -196℃ (J)	140