MG-80 TRUSTARC™

Solid wire

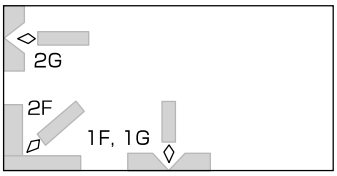
Features: ▪ Suitable for 780MPa tensile strength steel

Classification: AWS A5.28 ER110S-G

Shielding gas: CO_2

Polarity: DCEP

Welding Positions:



Packaging data

ϕ mm	Spool
1.2	20kg
Volume mm	300W, 110H, 300L

Composition (wire mass%)

	Typical	Guaranty [a]
C	0.07	0.12
Si	0.67	0.40~0.90
Mn	1.78	1.60~2.20
P	0.009	0.025
S	0.008	0.025
Ni	2.16	1.80~2.60
Mo	0.62	0.40~0.90
Cu	0.23	0.35

Note: [a] Single values are maximum.

Welding parameters (A)

ϕ mm	1F, 1G, 2F, 2G
1.2	100~300

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	710	590min.
TS (MPa)	830	759min.
El on 4d (%)	24	15min.
IV -18℃ (J)	85	27min.