DW-588 FAMILIARC™

Flux cored wire

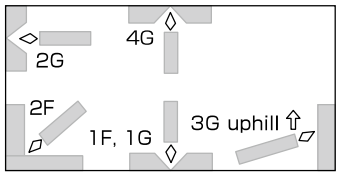
Features: ▪ Applicable for A588 steel

Classification: AWS A5.29 E81T1-W2C

Shielding gas: CO_2

Polarity: DCEP

Welding Positions:



Packaging data

ϕ mm	Spool		
1.2	12.5kg	15kg	20kg
Volume mm	300W, 110H, 300L		

Composition (all-weld metal mass%)

	Typical	Guaranty [a]
C	0.03	0.12
Si	0.62	0.35~0.80
Mn	1.23	0.50~1.30
P	0.010	0.030
S	0.010	0.030
Ni	0.45	0.40~0.80
Cr	0.49	0.45~0.70
Cu	0.34	0.30~0.75

Note: [a] Single values are maximum.

Welding parameters (A)

ϕ mm	1F, 1G, 2F, 2G	3G uphill, 4G
1.2	120~280	120~260

All-weld mechanical properties

	Typical	Guaranty
0.2%YS (MPa)	550	469min.
TS (MPa)	620	552~689
El on 4d (%)	27	19min.
IV -29℃ (J)	60	27min.