

FCAW

# DW-200

# FAMILIARC™

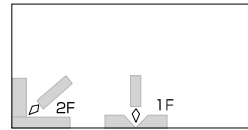
## Flux cored wire

- Features:**
- Suitable for flat and horizontal fillet welding
  - A large leg length of about 9mm in horizontal fillet

**Classification:** AWS A5.20 E70T-1C

**Shielding gas:** CO<sub>2</sub>  
**Polarity:** DCEP

## Welding Positions:



## Packaging data

φ mm	Spool	Drum
1.2	12.5kg, 15kg, 20kg	-
1.4	12.5kg, 15kg, 20kg	200kg
<b>Volume mm</b>	300W, 110H, 300L	530 φ, 820H

## Composition (all-weld metal mass%)

	Typical	Guaranty <sup>a</sup>
<b>C</b>	0.05	0.12
<b>Si</b>	0.51	0.90
<b>Mn</b>	1.50	1.75
<b>P</b>	0.01	0.03
<b>S</b>	0.01	0.03
<b>Ni</b>	0.01	0.50
<b>Cr</b>	0.03	0.20
<b>Mo</b>	0.01	0.30
<b>V</b>	0.01	0.08
<b>Cu</b>	0.01	0.35

Note: <sup>a</sup> Single values are maximum.

## Welding parameters (A)

φ mm	1F	2F
1.2	200~320	200~300
1.4	230~400	230~360

## All-weld mechanical properties

	Typical	Guaranty
<b>0.2%YS (MPa)</b>	490	400min.
<b>TS (MPa)</b>	560	490~655
<b>EI on 4d (%)</b>	28	22min.
<b>IV -18°C (J)</b>	60	27min.

## Approvals

<b>ABS</b>	3YSA
<b>LR</b>	3YS, H10
<b>DNV-GL</b>	III YMS
<b>BV</b>	SA3YM
<b>NK</b>	KSW53G (C)