

FCAW

## DW-62L

**TRUSTARC™**

### Flux cored wire

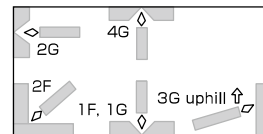
**Features:**

- Excellent impact value down to -60°C
- Excellent CTOD value down to -40°C

**Classification:** AWS A5.29 E91T1-Ni2C-J

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

### Welding Positions:



### Packaging data

φ mm	Spool	
	1.2	12.5kg
<b>Volume mm</b>	300W, 110H, 300L	

### Composition (all-weld metal mass%)

	Typical	Guaranty <sup>a</sup>
<b>C</b>	0.08	0.12
<b>Si</b>	0.30	0.80
<b>Mn</b>	1.37	1.50
<b>P</b>	0.008	0.030
<b>S</b>	0.010	0.030
<b>Ni</b>	2.57	1.75~2.75

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

### Welding parameters (A)

φ mm	1F, 1G, 2F	2G	3G uphill, 4G
1.2	150~300	150~280	150~250

### All-weld mechanical properties

	Typical	Guaranty
<b>0.2%YS (MPa)</b>	580	538min.
<b>TS (MPa)</b>	650	621~758
<b>EI on 4d (%)</b>	25	17min.
<b>IV -60°C (J)</b>	93	27min.

### Approvals

<b>ABS</b>	5YQ500 H5
<b>LR</b>	5Y50S, H5
<b>DNV-GL</b>	VY50MS (H5)
<b>BV</b>	SA5Y50M H5
<b>NK</b>	KSW5Y50G (C) H5
<b>RS</b>	5Y50 MS H5