

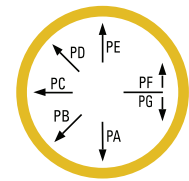
### Applications

- Structural Fabrication, Bridges, Shipbuilding & Pressure vessels.
- Automobiles
- Machinery

### Features

- All position welding by short-circuiting type transfer
- Stable arc and low spatter
- Good Bead Appearance

### Welding Position



### Typical Chemical Composition of All-Weld Metal (%)

C	Si	Mn	P	S
0.07	0.83	1.48	0.011	0.015

### Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Ys Mpa (lbs/in <sup>2</sup> )	TS MPa(lbs/in <sup>2</sup> )	EL (%)	Temp °C(°F)	CVN- Impact Value J(ft.lbs)
As welded with 100% CO <sub>2</sub>	460 (67,000)	555 (80,000)	29.3	-30 (-20)	85 (63)
As welded with 80% Ar + CO <sub>2</sub>	495 (72,000)	585 (85,000)	27.5	-30(-20)	113 (83)

### Diameter mm (in)

### Weight(KG)

0.8 (0.033)	15KG
1.0 (0.040)	15KG
1.2 (0.045)	15KG

### Current

DC+

### Shielding Gas

CO<sub>2</sub> / Ar + CO<sub>2</sub>