

S-FCF

Type : Basic

Conformances

AWS A5.15/ ASME SFA5.15 ESt

JIS Z3252 DFCE

EN ISO 1071 - E Z 1

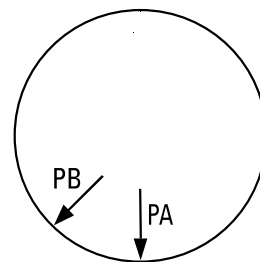
Applications

- Repairing of cast iron

Features

- Machining impossible (As welded)
- Easy to remove slag
- Preheat at 200~350°C (392~662°F)
- Stable arc and good bead appearance

Welding Position



Current

AC or DC ±

Redrying Conditions

350°C (662°F) X 1hr

Diameter / Packaging

Diameter mm (in)	Length mm (in)	P.V.C	
		packet 2.5kg(5.5lbs)	carton 10kg(22lbs)
2.6 (3/32)	350 (14)		✓
3.2 (1/8)	350 (14)		✓
4.0 (5/32)	400 (16)		✓
5.0 (3/16)	400 (16)		✓
6.0 (15/64)	450 (18)		✓

Typical Chemical Composition of All-Weld Metal (%)

C	Si	Mn	P	S	Fe
2.47	0.41	0.45	0.024	0.024	96.6

Typical Mechanical Properties of All-Weld Metal

Hardness (HRB)

450~510

Typical Welding Parameters / Amp.(A)

Diameter mm (in)	2.6 (3/32)	3.2 (1/8)	4.0 (5/32)	5.0 (3/16)
Length mm (in)	300 (12)	350 (14)	350 (14)	400 (16)
F	55~80	80~130	110~160	150~200