

SC-45S

Features

- Cored wire for submerged arc hardfacing
- Low/Middle alloy type
- SAW(with S-717/S-401HF flux)

Polarity

DC +

Application Areas

- Crane wheels, rod wheels, tractor rollers

Shielding Gas

None

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

Wire size	C	Si	Mn	Cr	Mo
3.2(1/8)	0.20	0.5	2.1	3.4	0.5

Typical Mechanical Properties of All-Weld Metal

Item	HRC (≥4Layers)
S-717	43~48

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
3.2(1/8)	350~450

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
3.2(1/8)	Coil 25kg(55lbs), Drum 150kg, 250kg

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux