

Supershield 16Mn-O

Features

- Open arc type hardfacing FCAW (buffer layer)
- High Mn type

Polarity

DC +

Application Areas

- Crusher rolls and hammers, cone mills

Shielding Gas

None

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

Wire size	C	Si	Mn	Cr
2.4(3/32)	0.55	0.4	16.0	3.5

Typical Mechanical Properties of All-Weld Metal

HRC (≥4Layers)
15~20

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
2.4 (3/32)	300~400
2.8 (7/64)	350~450

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
2.4 (3/32)	Coil 25kg(55lbs), Drum 150kg, 250kg
2.8 (7/64)	

SMW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux