



CCR

CHARACTERISTICS AND APPLICATIONS:

CCR is ideal for hardfacing components to resist wear due to severe abrasion. The deposit retains its hardness even at elevated temperatures which ensures wear resistance at elevated temperatures. Typical applications include hard facing of press screws, conveyor screws, bucket teeth and lips, rolling mill guides agricultural machinery and components subjected to elevated temperature abrasion.

TYPICAL CHEMICAL COMPOSITION OF ALL WELD METAL:

Element	: C	Mn	Si	Cr
Percent	: 4.30	0.45	0.45	24.5

HARDNESS OF ALL WELD METAL (As Welded, After 3 Layers on Mild Steel): 52 – 58 HRC

CURRENT AND PACKING DATA: AC/DC(+)

Size (mm)	:	5x350	4x350	3.15x350
Dia x Length				
Current Range (Amps)	:	160-190	120-140	90-110
Quantity (kgs./Carton)	:	2.5	2.5	2.5

PRECAUTIONS:

1. Re-dry the electrodes at 250-300°C for one hour.
2. Use short arc, minimize heat input.