

COREWEAR 41-O

Corewear 41-O is a self-shielded flux cored wire for build up or hardfacing on worn workpieces. It deposits a medium hardness and is suitable for metal-to-metal abrasion.

APPLICATIONS

Corewear 41-O is suitable for the hardfacing of tractor rollers, shafts, mine car wheels, gears and sprockets.

The pre-heat and interpass temperatures for large workpieces should be kept between 150-250°C to prevent weld cracking.

SPECIFICATION

DIN 8555 MF1-GF-40-GP

TYPICAL WELD METAL DATA

%C	%Mn	%Si	%Cr	%Mo	%Al
0.35	2.3	0.64	1.4	0.41	1.6

TYPICAL HARDNESS RANGE HRc

39-43 HRc 3rd Layer

RECOMMENDED WELDING DATA

Corewear 41-O can be welded on DCEP

Dia mm	Current	Volts	Electrode Stickout
2.0	210-260	26-28	40-50
2.4	280-340	28-29	50-60
2.8	350-400	28-29	50-60

PACKAGING DATA

Dia mm	Item Number	Spool Mass Kg	Spool Type
2.0	077302	25	Wire Basket
2.0	077303	250	Drum
2.4	077304	25	Wire Basket
2.4	077305	250	Drum
2.8	077308	25	Wire Basket
2.8	077309	250	Drum

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