

**Standards**

DIN 8555	MF6-GF-60-GT
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**Characteristics**

CARBO F-700 is a flux cored for hard facing. The deposit is ductile and resistant against impact. It offers a high resistance against a combination of abrasion and wear due to applied impact stress. The micro structure of the deposit is a martensitic matrix of tool steel with inserted Titanium - carbides..

**Typical applications**

cement crusher rolls, pulveriser rolls and hammers

**Mechanical properties of all-weld metal**  
(typical values)

Hardness HRC
55-56

**Weld metal analysis**  
(typical, wt. %)

C	Mn	Cr	Mo	Ti
1,8	1,4	7,0	1,4	5,0

**Gas types EN 439**

I1, Argon

**Current**

= +

**Current intensity**

DIA (mm)	DIA (inch)	Volt	Amps	Delivering form	
1,2	3/64				
1,6	1/16	20 - 26	160 - 260	O	G
2,0	5/64	22 - 27	220 - 280	O	G
2,4	3/32	24 - 28	260 - 340	O	G
2,8	7/64	25 - 29	300 - 400	O	
3,2	1 / 8				

**Delivering form**

**O = Flux cored wire self shielding**  
**G = Flux cored wire for shielded arc welding**  
**S = Flux cored wire for submerged arc welding**

**Coiling / Weight**  
Rev. 000

B/BS 300 = 15 kg      B 450 = 30 kg      Pay off pack = 150/ 300 kg