

Classifications

DIN 14700

DIN 8555

T Fe7

MF 5-GF-250-C

Characteristics

Alloy depositing a ferritic steel containing 17 % Chromium designed to resist corrosion at high temperatures, particularly in presence of sulphurous gas.

Microstructure: Ferrite and few martensite

Machinability: Very good

Oxy-acetylene cutting: Cannot be flame cut

Deposit thickness: Depends upon application and procedure used

Field of use

Continuous casting rollers situated at the top of the line, valves, steam and gas turbine parts, valve seats.

Typical analysis in %

C	Mn	Si	Cr	Fe
0.04	0.9	0.2	17.0	balance

Typical mechanical properties

Hardness as welded: 250 HB

Recommended welding parameters

Wire diameter [mm]	Amperage [A]	Voltage [V]	Stick-Out [mm]
2.4	250 – 300	26 – 29	35 – 40