

Classifications									
EN14700									
T Z Fe7									
Characteristics and typical fields of application									
<ul style="list-style-type: none"> • Depositing a fully martensitic steel to enhance the resistance of thermal fatigue and inter granular corrosion. • Continuous casting roller line... 									
Typical analysis of all-weld metal									
C	Si	Mn	Cr	Mo	Ni	N			
0.04	-	1.2	13.0	0.4	5.5	0.15			
Mechanical properties of all-weld metal – typical values (min. values)									
	PWHT	Shield gas	As Welded	Work-hardened					
	(°C/h)		(HRC)	(HRC)					
Typical	-	-	43	-					
Guarantee	-	-	42-47	-					
General Characteristics									
Microstructure	Machinability	Oxyacetylene cutting	Deposit thickness	Shield gas					
Martensite+ Ferrite	Good with carbide tipped tools	Cannot be flame out	Depends upon application and procedure used	-					
Operating Data									
Dia.(mm)	Current(A)	Voltage(V)	Stick-out(mm)						
2.8	330-380	26-30	35-40						