

Classifications									
EN14700									
T Z Fe16									
Characteristics and typical fields of application									
<ul style="list-style-type: none"> • High Chromium alloy designed for resisting high stress grinding abrasion with low impact. • Wear plates, coal and cement vertical mill. 									
Typical analysis of all-weld metal									
C	Si	Mn	Cr	Other	Fe				
5.5	-	0.3	27.0	0.5	Bal.				
Mechanical properties of all-weld metal – typical values (min. values)									
	PWHT	Shield gas	As Welded	Work-hardened					
	(°C/h)		(HRC)	(HRC)					
Typical	-	-	63	-					
Guarantee	-	-	62-65	-					
General Characteristics									
Microstructure	Machinability	Oxyacetylene cutting	Deposit thickness	Shield gas					
Primary carbides and M7C3 eutectic carbides in an Austenitic matrix	Grinding only	Cannot be flame out	As requirement	-					
Operating Data									
Dia.(mm)	Current(A)	Voltage(V)	Stick-out(mm)						
2.4	300-370	26-30	35-40						
2.8	300-400	26-30	35-40						