

Classifications									
EN14700									
T Z Fe16									
Characteristics and typical fields of application									
<ul style="list-style-type: none"> •Chromium-niobium alloy designed to resist grinding abrasive wear with moderate impact. •The deposits will readily stress relief check crack. •Used for gyratory crusher mantles and bowls, crusher hammers, crusher cylinders, ripper teeth... 									
Typical analysis of all-weld metal									
C	Si	Mn	Cr	Nb					
5.0		1.2	28.0	2.0					
Mechanical properties of all-weld metal – typical values (min. values)									
	PWHT	Shield gas	As Welded	Work-hardened					
	(°C/h)		(HRC)	(HRC)					
Typical	-	-	60	-					
Guarantee	-	-	58-65	-					
General Characteristics									
Microstructure	Machinability	Oxyacetylene cutting	Deposit thickness	Shield gas					
Complex carbides in an austenitic matrix	Grinding only	Cannot be flame out	10-12mm in 2 to 3 layers	-					
Operating Data									
Dia.(mm)	Current(A)	Voltage(V)	Stick-out(mm)						
2.8	300-400	26-30	35-40						