

Classifications									
EN14700									
T Z Fe16									
Characteristics and typical fields of application									
<ul style="list-style-type: none"> <li>• Self-shielded flux cored wire.</li> <li>• High Chromium alloy designed for resisting high stress grinding abrasion with low impact.</li> <li>• Used for wear plates of coking plant, groundnut oil expeller screws, palm oil expeller screws, screw transmission equipment, bucket teeth on bucket-wheel excavator, shovel bucket teeth and lips.</li> </ul>									
Typical analysis of all-weld metal									
C	Si	Mn	Cr	B	Other	Fe			
5.0		1.0	23.0	1.0	2.0	Bal.			
Mechanical properties of all-weld metal – typical values (min. values)									
	PWHT	Shield gas	As Welded	Work-hardened					
	(°C/h)		(HRC)	(HRC)					
Typical			65						
Guarantee			62-67						
General Characteristics									
Microstructure	Machinability	Oxyacetylene cutting	Deposit thickness	Shield gas					
Complex carbides in an austenitic matrix	Grinding only	Cannot be flame out	8-10mm in 2 to 3 layers						
Operating Data									
Dia.(mm)	Current(A)	Voltage(V)	Stick-out(mm)						
2.8	300-400	26-30	35-40						