

Classifications									
EN14700									
T Fe8									
Characteristics and typical fields of application									
<ul style="list-style-type: none"> <li>• SAW cored wire for hard facing. Suitable for SK-C Record SK flux.</li> <li>• Martensitic alloy designed to give an outstanding resistance to abrasion, heavy impact, abrasive erosion and crack. Post welding heat treatment and forging strike can be done.</li> <li>• Cable sheaves, bed knives, steel mill rolls, crane wheels, forging dies...</li> </ul>									
Typical analysis of all-weld metal									
C	Si	Mn	Cr	Mo	W				
0.5	-	2.0	6.5	2.0	2.0				
Mechanical properties of all-weld metal – typical values (min. values)									
	PWHT	Shield gas	As Welded	Work-hardened					
	(°C/h)		(HRC)	(HRC)					
Typical	-	-	57	-					
Guarantee	-	-	54-59	-					
General Characteristics									
Microstructure	Machinability	Oxyacetylene cutting	Deposit thickness	Shield gas or Flux					
Martensite	Grinding only	Flame cutting is difficult	Depends upon application and procedure used	SK-C Record SK					
Operating Data									
Dia.(mm)	Current(A)	Voltage(V)	Stick-out(mm)						
3.2	450-500	28-32	30-35						