

BÖHLER FOX E 347 H

Basic stick electrode, high-alloyed, creep resistant

	tions											
EN ISO 3581-A		EN ISC	EN ISO 3581-B			AWS A5.4						
E 19 9 Nb B		ES347	ES347-15			E347-15						
Character	ristics and	typical fie	lds of a	pplicatio	n							
temperatu ferrite con	res exceed tent of 3-8	wire alloyed ling +400 °(FN. The de in all position	C. Spec posit is	ially desig less susc	ned for eptible t	the	base r	netal Al	ISI 34	7H. Co	ontrolled	
Base materials												
	oyed creep , AISI 321F	resistant st H	eels									
Typical a	nalysis of	all-weld me	etal (wt	%)								
	С	Si	Mn	Cr	Cr N		Nb				FN	
wt%	0.05	0.3	1.3 ²) '	10.2	.2 ≥ 8				3-8	
Mechanic	al propert	ies of all-w	eld me	tal								
		Yield streng R _{p0,2}	•		strength	Elongation A $(L_0=5d_0)$				Impact work ISO-V KV J		
	MP		Pa				%			+20 °C		
	I	viPa		MPa			/0			720	Ċ	
u		wPa 170 (≥ 350)		630 (≥ 5	50)		⁷⁰ 36 (≥	25)		+20 95 (≥		
		170 (≥ 350)			50)			25)				
	reated, as	170 (≥ 350)			50)			25)				