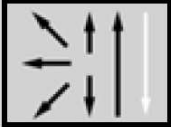



BÖHLER AWS E308L-17



Classifications		Operating data	
EN ISO 3581-A	AWS A5.4 / SFA-5.4	Welding positions	Polarity
E 19 9 LR 3 2	E308L-17		

Typical analysis of all weld metal, wt. %					
	C	Si	Mn	Cr	Ni
	0.03	0.80	0.80	19.80	10.2

Mechanical properties, all weld metal (single values typical)							
	Condition	Yield strength R _{p0.2%} MPa	Tensile strength R _m MPa	Elongation A (L ₀ = 5d ₀) %	CVN Impact toughness ISO-V KV J		
					20 °C	-120 °C	-196 °C
	As welded	430 (≥ 320)	560 (≥ 520)	40 (≥ 30)	70	≥ 32	
	Solution annealed and quenched						40 (≥ 32)

Steels to be welded	
EN	ASTM
1.4306 X2CrNi19-11, 1.4301 X5CrNi18-10, 1.4311 X2CrNi18-10, 1.4312 G-X10CrNi18-8, 1.4541 X6CrNiTi18-10, 1.4546 X5CrNiNb18-10, 1.4550 X6CrNiNb18-10	AISI 304, 304L, 304LN, 302, 321, 347; UNS S30400, S30403, S30453, S32100, S34700 ASTM A157 Gr. C9, A320 Gr. B8C or D

Approvals
TÜV (10647), ,DNV GL, ABS, CE

Carton Packaging	
	Weight: ~ 4.1 kg Diameter 2.0 x 300 mm 2.5 x 350 mm 3.2 x 350 mm 4.0 x 350 mm 5.0 x 450 mm

