



图 3-58 焊条电弧焊 (3-58) 焊缝示意图

3. 性能
 3.1 力学性能
 3.2 耐腐蚀性能
 3.3 抗冲击性能
 3.4 焊接性能

表 3-58 化学成分 (wt%)

化学成分	309	309S	309L	316	316L	316Ti
C	≤0.08	≤0.03	≤0.03	≤0.08	≤0.03	≤0.03
Mn	≤0.05	≤0.03	≤0.03	≤0.05	≤0.03	≤0.03
Si	≤0.05	≤0.03	≤0.03	≤0.05	≤0.03	≤0.03
Cr	19.0~21.0	19.0~21.0	19.0~21.0	16.0~18.0	16.0~18.0	16.0~18.0
Fe	≤0.80	≤0.80	≤0.80	≤0.80	≤0.80	≤0.80
Ni	9.0~11.0	9.0~11.0	9.0~11.0	10.0~13.0	10.0~13.0	10.0~13.0
Cu	≤0.03	≤0.03	≤0.03	≤0.03	≤0.03	≤0.03
Cb	≤0.03	≤0.03	≤0.03	≤0.03	≤0.03	≤0.03
N	≤0.01	≤0.01	≤0.01	≤0.01	≤0.01	≤0.01
GB/T标准	0.50	1.50	余量	3.00	3.00	3.00

