Type of Covering	Product Name	Classification	Electrode Size (inch)	Current and Polarity	Welding Position	Typical Chemical Composition on Weld					
						C	Mn	Si	P	S	Cr
Lime titania Type	NC-347	AWS E347-16 KS E347-16 JIS ES347-16	3/32 ~3/16	AC or DC(+)	F.V.OH.H	0.04	1.05	0.78	0.021	0.010	19.50
	NC-410	AWS E410-16 KS E410-16 JIS ES410-16	3/32 ~3/16	AC or DC(+)	F.V.OH.H	0.08	0.28	0.37	0.024	0.003	12.85
	NC-410NiMo	AWS E410NiMo-16 JIS ES410NiMo-16	3/32 ~3/16	AC or DC(+)	F.V.OH.H	0.03	0.73	0.67	0.019	0.002	12.17
	NC-430	AWS E430-16 KS E430-16 JIS ES430-16	3/32 ~3/16	AC or DC(+)	F.V.OH.H	0.06	0.28	0.40	0.023	0.003	17.35
	NC-2209	AWS E2209-16 JIS ES2209-16	3/32 ~5/32	AC or DC(+)	F.V.OH.H	0.02	0.83	0.87	0.019	0.003	21.69

8) For Cast Iron

Type of Covering	Product Name	Classification	Electrode Size (inch)	Current and Polarity	Welding Position	Typical Chemical Composition on Weld				
						C	Mn	Si	P	S
Graphite Type	CI-400	AWS ENiFe-CI KS DFC NiFe JIS E C NiFe-CI	3/32 ~3/16	AC or DC(+)	F.H.F	0.96	1.02	0.32	0.005	0.004
	CI-500	AWS ENi-CI KS DFC Ni JIS E C Ni-CI	3/32 ~3/16	AC or DC(+)	F.H.F	0.86	0.72	0.28	0.002	0.002
	CI-600	AWS Est (KS DFC Fe) (JIS E C St)	3/32 ~3/16	AC or DC(+)	F.H.F	1.34	0.47	0.65	0.020	0.005

9) For Nickel and Nickel Alloy

Product Name	Classification	Electrode Size (inch)	Current and Polarity	Welding Position	Typical Chemical Composition on Weld Metal(%)										
					C	Mn	Si	P	S	Ni	Cu	Ti	Cr	Nb	Mo
CSI-182	AWS ENiCrFe-3 JIS E Ni 6182	3/32 ~5/32	AC or DC(+)	F.V.OH.H	0.04	6.60	0.50	0.001	0.004	69.00	-	0.20	16.20	2.00	-
CSI-625	AWS ENiCrMo-3 JIS E Ni 6625	3/32 ~5/32	AC or DC(+)	F.V.OH.H	0.03	0.70	0.50	0.003	0.004	61.60	0.10	0.10	22.00	3.60	8.40
CSI-NiCu7	AWS ENiCu-7 JIS E Ni 4060	3/32 ~5/32	AC or DC(+)	F.V.OH.H	0.03	3.40	0.70	0.010	0.006	66.20	28.90	0.50	-	-	-
CSI-690	AWS ENiCrFe-7 JIS E Ni 6152	3/32 ~5/32	AC or DC(+)	F.V.OH.H	0.03	3.40	0.50	0.002	0.004	56.00	-	0.10	31.00	1.6	-