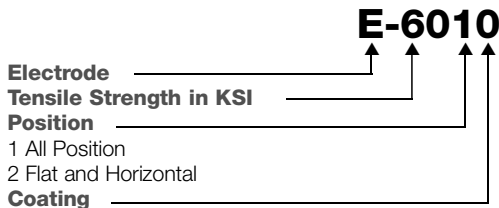


SMAW (Stick) Solutions – Electrodes

Mild Steel Covered Electrode



Type of Coating	Coating Code	Current	AWS Spec	Lincoln®	Hobart®	Murex®	PROSTAR®
Cellulose Sodium	0	DCEP	E6010	5P and 5P+	Pipemaster 60	Pipecraft	
Cellulose Potassium	1	ALL	E6011	Fleetweld™ 180	335A	6011C	PROSTAR® 6011
Titania Potassium	3	DEN, AC	E6013	Fleetweld™ 37	447A	6013 & 6013D	PROSTAR® 6013
Iron Powder Titania	4	ALL	E7014	Fleetweld™ 47	14A	7014	PROSTAR® 7014
Iron Powder Low Hydrogen	8	DCEP, AC	E7018	LH70, 73, 75, 78	418, 18AC, 718MC	7018MR	PROSTAR® 7018 & 7018 AC
Iron Powder Titania	4	DCEP, AC	E7024	Jetweld 1, 3	24	7024	

DCEP – Direct Current Electrode Positive    DEN – Direct Current Electrode Negative    AC – Alternating Current

PROSTAR® Stick Electrodes

Brand (AWS Spec)	Diameter (in)	U.S. – 5 lb (2.3 kg) boxes Part Number	Canada – 11 lb (5 kg) boxes Part Number
MS6011 (E6011)	3/32"	PRSED031156	PRS612-8313
	1/8"	PRSED031157	PRS612-8314
	5/32"	PRSED031158	PRS612-8315
MS6013 (E6013)	3/32"	PRSED031159	PRS612-8623
	1/8"	PRSED031160	PRS612-8624
	5/32"	PRSED031161	PRS612-8625
MS7014 (E7014)	3/32"	PRSED031162	PRS612-8823
	1/8"	PRSED031163	PRS612-8824
	5/32"	PRSED031164	PRS612-8825
MS7018AC (E7018)	3/32"	PRSED031168	PRS615-8423
	1/8"	PRSED031169	PRS615-8424
	5/32"	PRSED031170	PRS615-8425
MS7018 (E7018)	3/32"	PRSED031165	PRS615-8323
	1/8"	PRSED031166	PRS615-8324
	5/32"	PRSED031167	PRS615-8325

Lincoln® Stick Electrodes – 10 Pound Boxes

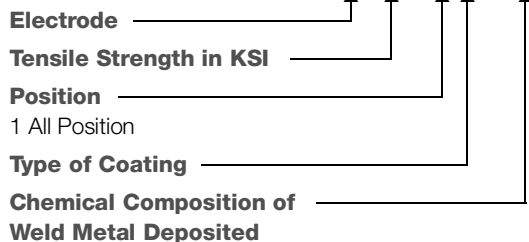
Brand (AWS Spec)	Diameter (in)	Part Number
5P (E6010)	3/32"	LINED010210
	1/8"	LINED010202
	5/32"	LINED010215
5P+ (E6010)	3/32"	LINED010282
	1/8"	LINED010277
	5/32"	LINED010284
Fleetweld™ 180 (E6011)	3/32"	LINED010108
	1/8"	LINED010103
	5/32"	LINED010113
Fleetweld™ 37 (E6013)	3/32"	LINED010159
	1/8"	LINED010151
	5/32"	LINED010164
Fleetweld™ 47 (E7014)	3/32"	LINED010188
	1/8"	LINED010182
Low Hydrogen LH70 (E7018)	3/32"	LINED010566
	1/8"	LINED010560
	5/32"	LINED010574

Lincoln® Stick Electrodes – 50 Pound Boxes

Brand (AWS Spec)	Diameter (in)	Part Number
5P (E6010)	3/32"	LINED010211
	1/8"	LINED010203
	5/32"	LINED010216
	3/16"	LINED010207
5P+ (E6010)	3/32"	LINED010283
	1/8"	LINED010278
	5/32"	LINED010285
Fleetweld™ 180 (E6011)	3/16"	LINED010281
	3/32"	LINED010105
	1/8"	LINED010110
Fleetweld™ 37 (E6013)	5/32"	LINED010114
	3/32"	LINED010161
	1/8"	LINED010153
Fleetweld™ 47 (E7014)	5/32"	LINED010165
	3/16"	LINED010156
	3/32"	LINED010189
	1/8"	LINED010183
Low Hydrogen LH70 (E7018)	5/32"	LINED010193
	3/16"	LINED010186
	3/32"	LINED010568
	1/8"	LINED010561
Low Hydrogen LH73 (E7018)	5/32"	LINED010575
	3/16"	LINED010564
	7/32"	LINED010577
	1/4"	LINED010558
Jetweld 1 (E7024)	1/8"	LINED010711
Jetweld 3 (E7024)	3/32"	LINED010362
	1/8"	LINED010372
	5/32"	LINED010366
Low Hydrogen LH73 (E7018)	3/32"	LINED010529
	1/8"	LINED010521
	5/32"	LINED010533
	3/16"	LINED010525
	7/32"	LINED010536
	1/4"	LINED010518

Low Alloy Steel Covered Electrode

**E-8018-B2**



AWS Spec	Lincoln®	Hobart®	Murex®
E7018-A1	LH7018-A1	7018-A1	7018-A1
E8018-B2	LH90	8018-B2	
E8018-C1	LH8018-C1	8018-C1	
E8018-C2		8018-C2	
E8018-C3	LH8018-C3	8018-C3	8018-C3 MR
E9018-B3		9018-B3	
E9018-B3L		9018-B3L	9018-B3L MR
E9018-M		9018-M	9018-M MR
E10018-D2		10018-D2	
E10018-M		10018-M	
E11018-M	LH-110M	11018-M	11018-MR
E12018-M		12018-M	

AWS Low Alloy Suffix Code

Suffix	C	Mn	Si	Ni	Cr	Mo	Va
A1	0.12	0.6-1.0*	0.4-0.8*	N/A	N/A	0.4-0.65	N/A
B1	0.12	0.9	0.6-0.8*	N/A	0.4-0.65	0.4-0.65	N/A
B2L	0.05	0.9	0.8-1.0*	N/A	1.0-1.5	0.4-0.65	N/A
B2	0.12	0.9	0.6-0.8*	N/A	1.0-1.5	0.4-0.65	N/A
B3L	0.05	0.9	0.8-1.0*	N/A	2.0-2.5	0.9-1.2	N/A
B3	0.12	0.9	0.6-0.8*	N/A	2.0-2.5	0.9-1.2	N/A
B4L	0.05	0.9	1.0	N/A	1.75-2.25	0.4-0.65	0.05
B5	.07-.15	0.4-0.7	0.3-0.6	N/A	0.5-0.6	1.0-1.25	N/A
C1	0.12	1.20	0.6-0.8*	1.0-2.75	N/A	N/A	N/A
C2	0.12	1.20	0.4-0.8*	3.0-3.75	N/A	N/A	N/A
C3	0.12	0.4-1.25	0.8	0.80-1.10	0.15	0.35	0.05
D1	0.12	1.25-1.75	0.6-0.8*	N/A	N/A	0.25-0.45	N/A
D2	0.15	1.65-2.0	0.6-0.8*	N/A	N/A	0.25-0.45	N/A
G	N/A	1.0 Min	0.80 Min	0.5 Min	0.3 Min	0.2 Min	0.1 Min
M	0.10	0.6-2.25*	0.60-0.80*	1.4-2.5*	0.15-1.5*	0.25-0.55*	0.05

\* **Note:** Amount depends on electrode classification. Single values indicate maximum. Check AWS A5.5 for the different electrode classes.