



Our Product

Pinnacle Electrodes Offers a wide range of superior quality Stick Electrodes to suit all kind of welding and reclamation Requirements. Designed to meet different kinds of application, the range includes:

1.

KORE WELD

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MILD STEEL GENERAL PURPOSE
2.

HYDRO KORE

-

LOW HYDROGEN LOW ALLOY TYPE
3.

HARD KORE

-

HARD FACING APPLICATION
4.

KORE WELD SS

-

STAINLESS STEEL
5.

KORE CAST

-

CAST IRON
6.

KORE CUT & GOUGE

-

CUTTING & GOUGING

Sr. no.	Description	Item Code	Application
a. Mild Steel AWS A 5.1			
1.	Kore Weld – 13	E – 6013 ER – 4211X	General Purpose Mild Steel Electrodes for Steel Metal Fabrication, Steel Structure, Storage Tank etc
2.	Kore Weld – Plus	E – 6013 ER – 4212X	Used for Superior Weld of X-Ray Quality of M.S Pipeline, Sheet Metal Fabrication, Construction Equipment, Tank etc.
3.	Kore Weld – Surplus	E – 6013 ERR – 4212X	Heavy Coated Rutile Type Electrode for Welding Mild Steel Ideal for Welding in All Conventional Positions Ideally for Boiler, Wagons, Pressure Vessels, Storage Tanks etc
b. Low Hydrogen AWS A 5.1			
1.	Kore Weld 7016	E - 7016	For Welding of Carbon Steel, Medium High Tensile, Low Alloy Steel, Cast Steel, Cast Iron Suitable for Non-Machinable Weld on Cast Iron.
2.	Hydro Kore – 18	E - 7018	Hydrogen Controlled Iron Powder Type Electrode Used for Boiler and Pressure Vessels,Buffer Layer Prior to Hard Facing etc.
3.	Hydro Kore – 18 SPL	E - 7018 – 1	Suitable for a Very Wide Range of Grain Refined Steel Having Tensile Strength in Range of 500 to 600 N/MM ² As Well As Difficult Steel Containing Higher Carbon or Higher Levels of Sulphur and Other Impurities for Welding of Pressure Vessels, Boiler, Pumps, Earth Moving Equipments etc.
4.	Hydro Kore – 70G	E - 7018 – G	Application Include Welding of C – Mn Grain Refined Steel, Heavy Section, Restrained Joint Requiring Good Impact Strength at Sub-Zero Temperature Down to Minus 50° C Yields Weldmetal With 1% Nickel.
5.	Hydro Kore – 70 A 1	E - 7018 – A1	Low Hydrogen Iron Powder Type Electrodes For Joining 0.50% Mo Crap Resistance Steel Used For Boiler Tube And Plate.
6.	Hydro Kore – 80G	E - 8018 – G	Low Alloy Steel to Withstand Low Temperature.
7.	Hydro Kore – B2	E - 8018 – B2	Welding of 1.25 Cr – 0.50 Mo Steel Used for Super Heater Tubes, Steam Pipe and Headers of Boilers for Electric Power Plant Equipment of Oil Refineries.
8	Hydro Kore – 80 B6	E - 8018 – B6	Low Hydrogen iron powder Type Electrodes For Welding of 5% Cr – 0.50% Mo Crap Resistance Steel Used For Oil Refineries, Power Plant, etc.
9.	Hydro Kore – 90G	E - 9018 – G	Suitable for Welding of High Strength Low Alloy Steel Such as Pressure Vessels and Chemical Plants Where Low Alloy Ni, Cr Mo Steels are Used.
10.	Hydro Kore – B3	E - 9018 – B3	Welding of 2.25% Cr – 1% Mo Steel.
11.	Hydro Kore – 90M	E - 9018 – M	Low Hydrogen Iron Powder Electrodes Weld Metal is Ni-Cr-Mo Type and Exihbit Good Toughness at Sub-Zero Temperature Used for Penstocks, Pressure Vessels Boiler, Pipeline etc.
12.	Hydro Kore – 110 M	E – 11018 - M	Low Hydrogen Iron Powder Electrode for Welding of High Strength Steel, Heavy Section Used for High Tensile Steel, Painstocks, Earth Moving Equipment.

c.	Hard Facing		
1.	Hard Kore – 250	250- 280 BHN	Building up Work Components Which Require to be Machined After Surfacing Like Gear Teeth Axle Wheel Pinion Teeth etc.
2.	Hard Kore – 350	350- 400 BHN	Application Include Brake Shoes, Shear Blades, Wheels, Gear etc.
3.	Hard Kore – 550	550 – 600 BHN	Dredges Bucket Lips, Plough Shares, Excavator Teeth, Conveyer Buckets, etc.
4.	Hard Kore – 650	550 – 650 BHN	Application Includes Bamboo Chipper Knives, Oil Expeller Worms, Crusher Jaws, Mine Rails etc.
5.	Hard Kore – 550 LH	550 – 600 BHN	Basic Coated Electrode Suitable for Arbor Plates, Clutch Track Roller, Mill Hammers, Spindle etc.
6.	Hard Kore – 7		Alloy Cast Iron Deposit With As Welded Deposit of 58 - 62 RC
7.	Hard Kore – Mn		Suitable for Resurfacing of Worn Out Austenitic Manganese Steel Parts (12Mn)

d.	Stainless Steel	AWS A 5.4	
1.	Kore Weld SS – 308L	E – 308L – 16	All Position Rutile Coated Extra Low Carbon Electrodes For Welding AISI, 301, 302, 304 and 308, 321, 347 Steels
2.	Kore Weld SS – 308L B	E – 308L – 15	Extra Low Carbon Basic Coated Electrode High Resistance to Intergranular Corrosion Suitable for Cryogenic Application Involving use of Stainless Steel Type AISI 304, 304L etc include in Dairy Industries Chemical industries etc.
3.	Kore Weld SS – 308 H	E – 308H – 16	For Joining of AISI 304 Used in High Temperature (730° C) Useful in Petrochemical and Nuclear Industries.
4.	Kore Weld SS – 347	E – 347 – 16	For the welding of 18/8 (Nb) stabilized SS represented by AISI type 321, 347.
5.	Kore Weld SS – 316 L	E – 316L – 16	All position rutile coated extra Low Carbon Electrode for Welding AISI 316L Steel.
6.	Kore Weld SS – 317 L	E – 317L – 16	Extra Low Carbon 19/13/Mo Stainless Steel Electrodes Suitable for 19/13/Mo Stainless Steel AISI Type 316L / 317 Used for Equipment on Chemical Industries, Paper and Pulp Industry Paint and Dye Industries.
7.	Kore Weld SS – 318	E – 318 – 16	18 Cr – 12 Ni – 2.2 Mo Columbium Stabilized Stainless Steel Electrodes for Maximum Resistance to Cracking, Used for Equipment on Chemical Industries, Paper and Pulp Industry etc.
8	Kore Weld SS – 309 L	E – 309 L – 16	Welding of AISI 309 Type Joing Ss To Low Alloy Steels or Carbon Steel.
9.	Kore Weld SS – 309 Mol	E – 309 Mol–16	Rutile Coated Extras Low Carbon Electrodes For Welding Aisi 309MO Steel And For Joing Straight Chrome And Mild Steel To Aisi 316, 316l And 318 Type Steel.
10.	Kore Weld SS – 309 Cb	E – 309 Nb - 16	Electrodes to Deposit 25/12 Cb Stabilized Stainless Steel Service up to 1100° C Used for Welding of AISI 309 – Cb Type Joining Stainless Steel (347 Type) to Low Alloy Steel on Carbon Steels.
11.	Kore Weld SS – 310	E – 310 – 16	For Joining Straight Chrome And Mild Steel To Aisi 304, 308 Type Steel.
12.	Kore Weld SS-Universal		Suitable for Welding of Dissimilar Steels, Steels of Unknown Composition and Base Materials Considered Difficult To Weld.
13.	Kore Weld SS – 307 Mn		Electrode for Depositing 18 /8 / 5 Mn Stainless Steel Type of Weldmetal for Joining Austenitic Manganese (12% Mn) Steel to Mild Steel Suitable for Armour Plates, Steel Casting etc.
14.	Kore Weld SS – 385	E – 385 – 16	Suitable for Welding Uddeholm 904L, Sandvik 2RK65 etc.
15.	Kore Weld SS – Dupe	E – 2209 – 16	Suitable for Welding of Duplex Weldmetal Used for Piping in Gas and Oil Industry, off shore Plat for MS
16.	Kore Weld Cr – 13	E – 410 – 15	Electrodes for welding AISI403, 405, 410 and ACICA - 40.
17.	Kore Weld Cr – 17	E – 430 – 15	A ferrite Straight Chrome Stainless Electrode for welding AISI 430, 440 Steel and ACI CB-30 Casting.
18.	Kore Weld Cr – 13 NiMo	E – 410 NiMo-15	Electrode Witch Weldmetal Contains 13% Cr – 4% Ni Used for Surfacing of Steel Casting for Welding of Guide Vans and Runners etc.

d.	Cast Iron		
1.	Kore Cast – NM	E – ST	Non-Machinable Electrodes For Welding of Cast Iron.
2.	Kore Cast – 60Ni	E – Nifeci	A Machinable Nickel-Iron Alloy Electrode For Welding of Cast Iron With60% Nickel Content.
3.	Kore Cast – 35Ni	E – Nifeci	A Machinable Nickel Iron Alloy Electrode For Welding of Cast Iron With35% Nickel Content.
4.	Kore Cast – FeNi	E – Nifeci	Nickel-Iron Alloy Electrodes Designed to Produce High Strength Ductile and Machinable Weld.
5.	Kore Cast – Nicron	E – NiCi	Electrode Depositing Pure Nickel For Machinable Welding of Cast Iron.
6.	Kore Cast – Monel	E – Nicud	Monel, Monel Palted Steel, Monel Tons.
7.	Kore Cast – Bronze	E – CuSn – A	Welding and Surfacing of Copper, Brass and Bronze.

f.	Cutting & Gouge		
1.	Kore Cut		Cutting of Steel and Non-Ferrous Metals.
2.	Kore Gouge		Gouging or Groove Cutting of Steel and Other Ferrous Metals.