

For high tensile strength steel

PRODUCT

AWS

JIS

KS

COVERED ARC
WELDING ELECTRODES

APPLICATION

K-7014

E7014

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Iron powder,
titania type

All position fillet welding of ship structures, bridges, structural steels for buildings and general structures.

K-7024

E7024

D4324

E4324

Iron powder,
titania type

Flat and horizontal fillet welding of ship structures, bridges, structural steels for buildings and general structures.

KK-50LF

E7016

D5016

D5016

Low hydrogen
type

Welding of 490N/Ÿ class high tensile strength steel in ships, bridges, buildings and pressure vessels.

KK-55

E8016-G

D5316

D5316

Low hydrogen
type

Welding of 540N/Ÿ class high tensile strength steel of pressure vessels, bridges, penstocks and rails.

KK-60

E9016-G

D5816

D5816

Low hydrogen
type

Welding of 540N/Ÿ class high tensile strength steel of pressure vessels, penstocks, bridges, vehicles and machineries.

KK-70

E10016-G

D7016

D7016

Low hydrogen
type

Welding of 690N/mm² class high tensile strength steel, yield point is 620N/mm² of pressure vessels, penstocks and bridges.

KK-80

E11016-G

D8016

D8016

Low hydrogen

type

Welding of 790N/Ÿ class high tensile strength steel, minimum is 690N/Ÿ of pressure vessels, penstocks and bridges.

K-7018

E7018

D5016

D5016

Low hydrogen, iron powder

type

Welding of 490N/Ÿ class high tensile strength steels of ships, bridges, storage tanks, building, industrial machinery and mining machinery.

K-7028LF

E7028

D5026

D5026

Low hydrogen, iron powder

type

Flat and horizontal fillet welding of 490N/Ÿ class high tensile strength steel structures, large size steel castings and strength members of ship hulls.

K-8018

E8018-G

D5316

D5316

Low hydrogen, iron powder

type

Welding 540N/Ÿ class high tensile strength steel of ships, bridges, storage tanks and buildings.

K-9018M

E9018-M

D5816

D5816

Low hydrogen, iron powder
type

Welding of 540N/Ÿ class high tensile strength steel of pressure vessels, bridges, machinery and penstocks.

K-10018M

E10018-M

D7016

D7016

Low hydrogen, iron powder
type

Welding of 690N/mm² class high tensile strength steel of pressure vessels, bridges, machinery and penstocks.

K-11018M

E11018-M

D8016

D8016

Low hydrogen, iron powder
type

Welding of low alloy high tensile strength steels having tensile properties of about 740~790N/mm² such as HY80, etc.

K-12018M

E12018-M

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Low hydrogen, iron powder

type

Welding of 890N/Ÿ class high tensile strength steel of pressure vessles, bridges, machinery and penstocks.

K-7010G

E7010-G

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High cellulose sodium type.

Welding of Pressure pipes, general light structural steels, agricultural machinery.

K-8010G

E8010-G

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High cellulose sodium type.

Welding of 540N/mm² class high tensile strength steel for butt welding of pipes.