

For heat resisting steel

PRODUCT

AWS

JIS

KS

COVERED ARC

WELDING ELECTRODES

APPLICATION

K-7010A1

E7010-A1

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High cellulose

type

Welding of C-0.5% Mo steel pipes used for high pressure, high temperature steam service, structural steel and plates or castings. Welding of long distance pipe lines.

K-7016A1

E7016-A1

DT1216

DT1216

Low hydrogen

type

Welding of alloys used for high temperature service such as C-Mo steel pipes(STPA 12,A335-P1), boiler and heat exchanger steel tubes(STBA 12, A208-T1), rolled steels(A204-A,B,C), cast steel(A217-WCi) and forged steels(A182-F1, A336-F1).

K-8016B1

E8016-B1

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Low hydrogen

type

Welding of 0.5%Cr-0.5Mo steel used for high temperature service and high pressure boilers, chemical equipments and Oil refining plants.(A335-P2,A213-T2).

K-8016B2

E8016-B2

DT2316

DT2316

Low hydrogen

type

Welding of 1.25%Cr-0.5%Mo steel used for super-heater tubes, steam pipes and heaters of boilers for thermoelectric power plant and equipments of Oil refining industries. Welding of piping steel, boiler and heat exchanger steel tubes, rolled steel, cast steel and forged steel.

K-9016B3

E9016-B3

DT2416

DT2416

Low hydrogen

type

Welding of 2.25% Cr-1%Mo steel used for super-heat tubes, and steam pipes of boilers for electric power plant and equipments for oil refining industries and high temperature synthetic chemical industries. Welding of piping steels, boiler, and heat exchanger steel tubes, rolled steels, cast steels and forged steels.

K-502

E502-16

DT2516

DT2516

Low hydrogen

type

Welding of heat treated high tensile strength steel for aircraft parts, such as SAE4130. Welding of 5%Cr-0.5%Mo steel used in oil refining and chemical industries.

K-502-15

E502-15

DT2516

DT2516

Low hydrogen

type

Welding of heat treated high tensile strength steel for aircraft parts, such as SAE 4130. Welding of 5%Cr-0.5%Mo steel used in oil refining and chemical industries.

K-505

E505-16

DT2616

DT2616

Low hydrogen
type

Welding of super-heater tubes of high temperature and high pressure boilers, heater tubes of oil refining equipments.

K-505-15

E505-15

DT2616

DT2616

Low hydrogen
type

Welding of super-heater tubes of high temperature and high pressure boilers, heater tubes of oil refining equipments.

K-7018A1

E7018-A1

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Low hydrogen, iron powder
type

Welding of high strength low alloy steel of 490N/mm² minimum yield point and 0.5%Mo steel of pressure piping, casting and general fabrication of pressure vessel.

K-8018B2

E8018-B2

DT2318

DT2318

Low hydrogen, iron powder
type

Welding of 1.25%Cr-0.5%Mo steel used for steam pipes of boilers, oil refining industries, castings and pressure vessels for high temperature service, high temperature synthetic chemical industries.

K-9018B3

E9018-B3

DT2418

DT2418

Low hydrogen, iron powder

type

Welding of 2.25%Cr-1Mo steel used for main steam pipes of boilers for electric power plant and marine use, equipments for oil refining industries and high temperature synthetic industries.