

For Hardfacing

PRODUCT

AWS

JIS

KS

COVERED ARC

WELDING ELECTRODES

APPLICATION

KM-100

-

DF2A-250-R

DF2A-250-R

High titania

type

Hardfacing of shafts, tires, gears, crane wheels, etc.

KM-100C

-

DF2A-350-R

DF2A-350-R

High titania
type

Hardfacing of shafts and clutch lugs.

KM-300R

-

DF2A-300-R

DF2A-300-R

High titania

type

Hardfacing of shafts, roller, spindle, crane wheel, etc.

KM-250

-

DF2A-250-B

DF2A-250-B

Low hydrogen

type

Hardfacing and repairing of worn parts such as shafts, gears, wheels, etc.

KM-300

-

DF2A-300-B

DF2A-300-B

Low hydrogen
type

Hardfacing of shafts, roller, spindle, crane wheel, etc.

KM-350

-

DF2B-350-B

DF2B-350-B

Low hydrogen
type

Hardfacing of fans, upper rollers, shafts and sprockets.

KM-500

-

DF2B-450-B

DF2B-450-B

Low hydrogen
type

Hardfacing of idlers, rollers, bulldozer blades, sprockets, caterpillar links, crushers, dipper teeth and conveyors, etc.

KM-700

-

DF2B-700-B

DF2B-700-B

Low hydrogen
type

Hardfacing of cutter knives, dredger and mixer.

KM-800

-

DF3C-700-B

DF3C-700-B

Low hydrogen
type

Hardfacing of impellers, pump casings.

KM-900

-

DFMA-250-B

DFMA-250-B

Low hydrogen
type

Hardfacing of crushers, high manganese rails, buckets, bulldozer parts and build-up parts subject to severe impact and abrasion.

KM-11Cr

-

DF4B-500-B

DF4B-500-B

Low hydrogen
type

Hardfacing of cold or hot shearer blade, liner pump casing generator-water turbine, liner dredger.

KBH-2

-

-

-

Low hydrogen

type

Hardfacing of roller and shear used at elevated temperature, ingot tongs and forged metal mould.

KOSPEL-600H

-

-

-

Low hydrogen

type

Hardfacing of metal mould, thermal cutting off machine, forging mould, dotting punch, compression tap, impact tap and axis of rotation.

KM-13CrM

-

-

-

Lime titania

type

Hardfacing of hot roller dies, tong punch and hot cutting knife, etc.

KSB-2

-

DF3B-600-BR

DF3B-600-BR

Lime titania

type

Hardfacing of dies, clutch cams and metal mould.

KOSPEL-800R

-

-

-

Lime titania

type

Hardfacing of conveyors screw, caterpillar, crusher and dredger teeth.

KM-1000

-

DFWA-700-S

DFWA-700-S

Special Type

Hardfacing of cutter knives, shovel teeth, cutters for coal, concrete cutters and earth drills

KQD-600

-

-

-

Lime titania type

Hardfacing of press mould, forged metal mould, tool steel and hardened part by quenching