

## For stainless steel

PRODUCT

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WELDING ELECTRODES

APPLICATION

KST-307-15

E307-15

E307-15

E307-15

Low hydrogen

type

Welding of dissimilar steel such as austenitic manganese steel to carbon steel forgings. Joining work-hardenable steels, armour plate, austenitic manganese steels, and Hardfacing of hot working tools, stainless valve steels and carbon steel items that must possess abrasion resistance in cold working.

KST-309Mo-15

E309Mo-15

E309Mo-15

E309Mo-15

Low hydrogen

type

Build-up welding of Cr-Mo steel of carbon steel. Welding of AISI(SUS)316 clad or dissimilar steels.

KST-308

E308-16

E308-16

E308-16

Lime titania  
type

Welding of 18%Cr-8%Ni stainless steel(AISI301,302,304,308)

KST-308-15

E308-15

E308-15

E308-15

Lime titania  
type

Welding of 18%Cr-8%Ni stainless steel,(AISI 301,302,304,308)

KST-308L

E308L-16

E308L-16

E308L-16

Lime titania  
type

Welding of low carbon 18%Cr-8%Ni stainless steel.

KST-308L-15

E308L-15

E308L-15

E308L-15

Lime titania

type

Welding of low carbon 18%Cr-8%Ni stainless steel.

KST-309

E309-16

E309-16

E309-16

Lime titania

type

Welding of 22%Cr-12%Ni stainless steel and heat-resisting castings, clad side of type 304 clad steels. Welding of dissimilar steels such as Cr-Mo steel or carbon steel to stainless steel.

KST-309-15

E309-15

E309-15

E309-15

Lime titania

type

Welding of 22%Cr-12%Ni stainless steel and heat-resisting castings, clad side of type 304 clad steels. Welding of dissimilar steels such as Cr-Mo steel or carbon steel to stainless steel.

KST-309L

E309L-16

E309L-16

E309L-16

Lime titania

type

Welding of 22%Cr-12Ni steel and heat-resisting castings, clad stainless steel. Welding of dissimilar metal such as carbon steel to stainless steel.

KST-309L-15

E309L-15

D309L-15

D309L-15

Lime titania

type

Welding of 22%Cr-12%Ni steel and heat-resisting castings, clad stainless steel. Welding of dissimilar metal such as carbon steel to stainless steel.

KST-309Mo

E309Mo-16

D309Mo-16

D309Mo-16

Lime titania  
type

Build-up welding of Cr-Mo steel or carbon steel. Welding of AISI(SUS)316 clad steel or dissimilar steels.

KST-309MoL

E309MoL-16

D309MoL-16

D309MoL-16

Lime titania  
type

Build-up welding of AISI(SUS)316 clad steel or dissimilar steels.

KST-310

E310-16

D310-16

D310-16

Lime titania

type

Welding of AISI(SUS) 310S,SCS 18 and clad side of 18%Cr-8%Ni stainless clad steels.

KST-312

E312-16

D312-16

D312-16

Lime titania

type

Welding of 29%Cr-9%Ni type cast steels and difficult-to-weld steels. Joint welding and hardfacing of stainless steel and heat-resisting steels.

## TENSILE WELD

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Lime titania

type

Welding of 29%Cr-9%Ni type cast steels and difficult-to-weld steels. Joint welding and hardfacing of stainless steel and heat-resisting steels.

KST-316

E316-16

D316-16

D316-16

Lime titania

type

Welding of 18%Cr-12%Ni-Mo stainless steels(AISI316). Welding of dissimilar steels.

KST-316-15

E316-15

D316-15

D316L-15

Lime titania

type

Welding of 18%Cr-12%Ni-Mo stainless steel AISI(SUS) 316. Welding of dissimilar steels.

KST-316L

E316L-16

D316L-16

D316L-16

Lime titania

type

Welding of low carbon 18%Cr-12%Ni-Mo stainless steels, austenitic stainless steels which are required and the place where heat treatment after welding is impossible.

KST-316L-15

E316L-15

D316L-15

D316L-15

Lime titania

type

Welding of low carbon 18%Cr-12%Ni-Mo stainless steels, austenitic stainless steels which are required and the place where heat treatment after welding is impossible.

KST-317

E317-16

D317-16

D317-16

Lime titania  
type

Welding of AISI(SUS)317. Welding of dissimilar steels such as carbon steel to stainless steels.

KST-317L

E317L-16

D317L-16

D317L-16

Lime titania

type

Welding of low carbon 18%Cr-12Ni-3%Mo which requires excellent corrosion resistance to sulfuric acid, solutions containing these salts and much hot organic acids such as formic acid.

KST-318

E318-16

D318-16

D318-16

Lime titania

type

Welding of AISI 318,316,316L stainless steel.

KST-347

E347-16

D347-16

D347-16

Lime titania  
type

Welding of AISI(SUS)304L,321,347 stainless steel and the place where heat treatment after welding is impossible.

KST-347L

E347L-16

D347L-16

D347L-16

Lime titania  
type

Welding of low carbon AISI(SUS)304L,321,347 stainless steel and the place where heat treatment after welding is impossible.

KST-410

E410-16

D410-16

D410-16

Lime titania  
type

Welding of 13%Cr steel and surfacing of the part where require cavitation or corrosion resistance is required.

KST-430

E430-16

D430-16

D430-16

Lime titania

type

Welding of 17%Cr stainless steel. Welding of AISI(SUS)403,405

KST-308Mo

E308Mo-16

D308Mo-16

D308Mo-16

Lime titania type

But and Fillet welding of ASTM CF8M stainless steel castings. Used for welding wrought materials such as Type 316L stainless when increased ferrite is desired.