

KT-303

JIS D4303
KS E4303

FOR CARBON STEEL

Typical applications

Welding of cars, other vehicles, agricultural machinery, light structural steels and pedestrian bridges.

Coating

Lime titania type.

Characteristics on Usage

- ① Excellent slag removal.
- ② Suitable for tack welding and intermittent welding.
- ③ High welding efficiency and restriking property .
- ④ Redry the electrode at 70~100°C for 30~60 minutes prior to use.

Typical chemical composition of all-weld-metal (%)

C	Si	Mn	P	S
0.07	0.15	0.37	0.014	0.013

Typical mechanical properties of all-weld-metal

Y · P N/mm ² {kgf/mm ² }	T · S N/mm ² {kgf/mm ² }	EI (%)	Charpy V-notch J{kgf · m} (0°C)
420 {43}	460 {47}	32	120 {12}

Sizes available and recommended currents (AC or DC ⊕, ⊖)

Dia.	(mm)	2.6	3.2	4.0	5.0	6.0
Length	(mm)	350	350	400	400	450
Amp.	F	65~100	100~140	140~190	200~260	250~330
	V&OH	50~90	80~130	110~170	140~210	-

Welding positions



Approved by

ABS, DNV, GL, KR, LR, NK, JIS, KS