

FOR CARBON STEEL

AWS E7016
JIS D4316
KS E4316

KH-500T

Typical applications

Tack welding of steels of ships, buildings and bridges.

Coating

Low hydrogen type.

Characteristics on Usage

- ① Good arc striking properties.
- ② Designed for tack welding and intermittent welding.
- ③ Redry the electrode at 300~350°C for 30~60 minutes prior to use.

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

C	Si	Mn	P	S
0.11	0.30	0.62	0.014	0.010

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} (-29°C)
450 {46}	550 {56}	29	70 {7}

Sizes available and recommended currents (AC or DC ⊕)

Dia.	(mm)	3.2	4.0	5.0
Length	(mm)	350	400	400
Amp.	All	90~150	140~200	190~240

Welding positions



Approved by

ABS, LR, NK, JIS, KS