

# KST-430

AWS E430-16  
JIS D430-16  
KS D430-16

FOR STAINLESS STEEL

## Typical applications

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

## Coating

Lime titania type.

## Characteristics on Usage

- ① Preheat at 200~300°C and postheat treat at 700~800°C.
- ② Redry the electrodes at 200~250°C for 60 minutes prior to use.

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

C	Si	Mn	Cr
0.07	0.42	0.40	17.4

## Typical mechanical properties of all-weld-metal

T · S N/mm <sup>2</sup> {kgf/mm <sup>2</sup> }	El (%)	PWHT
530 {54}	31	760°C × 2hr. S · R

## Sizes available and recommended currents (AC or DC ⊕)

Dia. (mm)	2.6	3.2	4.0	5.0	
Length (mm)	300	350	350	350	
Amp.	F	55~70	80~100	110~140	140~170
	V&OH	45~60	70~90	90~130	—

## Welding positions



Approved by