

KT-413V

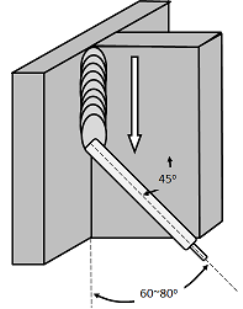
Classification

AWS A 5.1/A5.1M	E6013/E4313
JIS Z3211	E4313
EN ISO 2560-A	E35 0 R 1 2
GB T5117	E4313

Coating Type: High Titania

Applications and Features

- (1) KT-413V is a high titania type electrode for mild steel.
- (2) The slag peels off automatically in vertical-down welding, smooth bead appearance with wide current range.
- (3) Ideal for welding light structure, body panel of train and automotive, pipeline, and decorative parts.



Welding Position



Welding Instruction

Please see Appendix A

Typical Weld Metal Composition (wt%)

C	Si	Mn	P	S
0.07	0.19	0.35	0.015	0.008

Typical Weld Metal Mechanical Properties

Tensile strength	Yield strength	Elongation	Charpy V-Notch	
N/mm ²	N/mm ²	%	°C	J
468	425	26	0	65

Available Sizes and Welding Parameters (AC/DC±)

Diameter (mm)		2.6	3.2	4.0	5.0
Current (A)	F/HF	70~110	110~150	130~190	170~240
	V-up/OH	40~70	60~120	110~160	-