

Index of welding consumables

2011.06.10

Flux cored wire for mild steel and high tensile steel

Shikoku Welding Electrode Co., Ltd.

JIS Standard	Flux type	Trade Name	Diameter (mm φ)	Welding position	Applications	Characteristic on usage	Approved Class	Typical permissible substitute				
								KOBE STEEL	NSSW	Panasonic	NIKKO YOZAI	
T49J0T1-1CA-UH10	Titania type	TAS-10	1.2, 1.4, 1.6	All-position	For butt welding or fillet welding of mild and 490MPa high tensile steel.	It provides efficient welding due to higher deposition rate particularly. This is applicable for all-position welding including vertical. It provides excellent usability with soft and stable arc, less spattering. Slag can be removed easy and finely.	NK (KSW52Y40G(C)H10), ABS, LR, DNV, BV, CR, GL, KR	DW-100 DW-Z100	SF-1	A-51A AS-1	YM-1F	NXW-300
T490T15-0CA-UH10	Metal type	MZ-10	1.2, 1.4, 1.6	Horizontal or flat fillet welding	For flat and horizontal fillet welding of mild and 490MPa high tensile steel.	Resist blowhole when welding inorganic primer coated steel plate. It provides efficient welding due to higher deposition rate particularly because iron-powder in flux. It provides excellent usability with stable arc, less spattering. A bead with the equal gloss is obtained.	NK (KSW52G(C)), ABS, LR, DNV, BV, CR, GL, KR	MX-200 MX-Z200	SM-1F	MR-10	YM-2M	NXM-100