

Index of welding consumables

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TIG welding rod for stainless steel

Shikoku Welding Electrode Co., Ltd.

JIS(equivalent product)	Trade Name	Diameter(mm φ)	Applications	Approved Class	Typical permissible substitute				
					KOBE STEEL	TASETO	NSSW	NIPPON WELDING ROD	NIKKO YOZAI
Y308	ST-308	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of 18%Cr-8% stainless steel such as SUS304.	-	TG-S308	TG308	YT-308	WELTIG308	NS-308R
Y308L	ST-308L	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of low carbon 18%Cr-8% stainless steel such as SUS304L.	-	TG-S308L	TG308L	YT-308L	WELTIG308L	NS-308LR
Y309	ST-309	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of 22%Cr-12%Ni stainless steel such as SUS309S. For welding of dissimilar metals such as stainless steel to carbon steel or low alloy steel.	-	TG-S309	TG309	YT-309	WELTIG309	NS-309R
Y309L	ST-309L	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of 22%Cr-12%Ni stainless steel such as SUS309S. For under layer welding of the clad side of SUS304 clad steel.	-	TG-S309L	TG309L	YT-309L	WELTIG309L	NS-309LR
Y309LMo	ST-309MoL	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	Shielded metal arc welding of dissimilar metals such as low carbon 18%Cr-12%Ni-2%Mo stainless steel to mild steel or low alloy steel. Under layer welding of the clad side groove of SUS304L.	-	TG-S309MoL	TG309MoL	YT-309MoL	WELTIG309MoL	NS-309MoR
Y316	ST-316	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of 18%Cr-12%-2%Mo stainless steel such as SUS316.	-	TG-S316	TG316	YT-316	WELTIG316	NS-316R
Y316L	ST-316L	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of low carbon 18%Cr-12%-2%Mo stainless steel such as SUS316L.	-	TG-S316L	TG316L	YT-316L	WELTIG316L	NS-316LR
Y310S	ST-310S	1.0, 1.2, 1.6, 2.0, 2.4, 2.6, 3.2	For welding of low carbon 25%Cr-20% stainless steel such as SUS310S.	-	-	TG310S	-	WELTIG310S	-