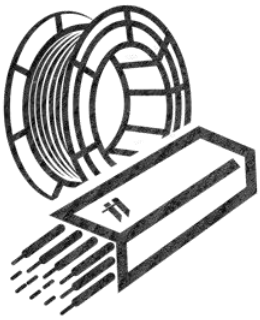

Stainless Steel TIG Rods/Wires

Commodity	***TIG Rods***
Technique	Stainless Steel

Technical Specification

AWS/SFA	*YIELD STRENGTH N/MM2*	*TENSILE STRENGTH N/MM2*	*ELONGATION A5(%)*	*IMPACT V (J) - 30°C*	*WELDING CONDITIONS*
ER 308L	≥350	≥550	≥35	≥70	DC(-)
ER 307	≥420	≥590	≥40	≥100	DC (-)
ER 307Si	≥420	≥590	≥40%	≥100	DC (-)
ER 308H	≥350	≥550	≥35%	≥70	DC (-)
ER 308LSi	≥350	≥520	≥35%	≥60	DC (+)
ER 309 L	≥ 350	≥ 550	≥ 30	≥ 47	DC (-)
ER 309LSi	≥ 350	≥ 520	≥ 30%	≥ 100	DC (-)
ER 309 Lmo	≥ 350	≥ 550	≥ 30	≥ 45	DC (-)
ER 310	≥350	≥550	≥30%	≥47	DC (-)
ER 312	≥450	≥650	≥22%	≥47	DC (-)
ER 316 L	≥350	≥510	≥30	≥47	DC (-)
ER 316LSi	≥ 350	≥ 510	≥30%	≥ 47	DC (-)
ER 347	≥ 400	≥ 550	≥ 30	≥ 65	DC (-)
ER 410	≥ 350	≥ 450	≥ 20%	≥47	DC (-)
ER 2209	≥ 480	≥ 690	≥ 22%	≥ 50	DC (-)

Size

Key	Min/mm	Max/mm
Ø	**0.8**	**5.0**
Lenth	**915**	**1000**

Surface Finish	ROUND BRIGHT FINISH
PACKAGE	Plastic Box Tube pack (Vacuum Packed & & normal pack). In Fiber/ Plastic Tubes of 5kg/ 10lbs, Also available in Bulk.
APPLICATION	TIG wire, such as stainless steel and copper, is commonly used for welding at lower temperatures. MIG wire has a higher electrical resistance than TIG wire, which makes it better for welding when you need to use high currents (amps). TIG wire has a low electrical resistance, so it requires less current to weld with.