

Product Name	Shielding gas	Classification		Dia. (mm)	Pack (kg)	Typical chemical composition of weld metal		Mechanical properties							Applications and Characteristics
		AWS A5.9	JIS Z3321			TS MPa (ksi)	EL %	C	Mn	Si	Cr	Ni	Mo	other	
TGA-307Si		EN ISO 14343-A-W 18 8 Mn				610(88)	40	0.08	6.7	0.9	18.7	8.2	0.05	-	It is the same as ER307, except for the higher silicon content. rL
TGA-308/308L		ER 308/308L	Y 308/308L												12 0 T2 T6 09 FEMC /P8BDC N(A)6 (08 236.28 91
		EN ISO 14343-A-W 19 9 L													
MIG-308/308L		ER 308/308L	Y 308/308L			570(83)	38	0.02	1.65	0.50	19.8	10.3	0.12	-	The weld metal is 20Cr-10Ni stainless steel. It is suitable for the welding of AISI 304, 304L, 301, 302 and 321.
		EN ISO 14343-A-G 19 9 L													

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		AWS A5.9	JIS Z3321			TS MPa (ksi)	EL %	C	Mn	Si	Cr	Ni	Mo		other
TGA-316/316L		ER 316/316L	Y 316/316L			590(86)	39	0.015	1.60	0.52	18.5	12.1	2.5	-	For welding of 18% Cr-12%Ni-2%Mo stainless steel. It provides excellent creep strength, and resistance to sulfuric acid due to the Mo content.
EN ISO 14343-A-W 19 12 3 L															
MIG-316/316L		ER 316/316L	Y 316/316L												
		EN ISO 14343-A-G 19 12 3 L													