

TASETO Welding Materials

Bare Stainless Steel Wires

For Gas Tungsten Arc Welding

TASETO AT SERIES

● Applications

TASETO “AT Series” are wires for automatic GTA welding process, and used for welding of austenitic stainless steels or overlay welding on carbon steels.

● Characteristics

1. As wire feedability is extremely good to perform the automatic GTA welding process, AT wires provide high quality weld metal with high efficiency. Bead appearance is smooth and beautiful.
2. The corrosion resistance and mechanical properties of the all weld metal obtained with AT wires by the automatic GTA welding process are as well as or better than those obtained by the manual GTA welding process.

AT308

● Applicable Specification

JIS Z 3321 YS308 AWS A5.9 ER308

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.047	0.36	1.68	0.021	0.008	9.65	20.34	0.10	0.07

AT308L

● Applicable Specification

JIS Z 3321 YS308L AWS A5.9 ER308L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.019	0.36	1.75	0.019	0.007	9.48	19.98	0.07	0.09

AT309

● Applicable Specification

JIS Z 3321 YS309 AWS A5.9 ER309

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.049	0.43	1.82	0.021	0.009	13.26	23.67	0.11	0.06

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A T 3 0 9 L

● Applicable Specification

JIS Z 3321 YS309L

AWS A5.9 ER309L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.019	0.38	1.76	0.023	0.008	13.42	23.56	0.09	0.04

A T 3 1 6

● Applicable Specification

JIS Z 3321 YS316

AWS A5.9 ER316

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.051	0.42	1.68	0.024	0.009	13.62	19.42	2.15	0.05

A T 3 1 6 L

● Applicable Specification

JIS Z 3321 YS316L

AWS A5.9 ER316L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.017	0.38	1.75	0.020	0.008	13.45	19.21	2.18	0.08