

TASETO Welding Materials

Bare Stainless Steel Wires

For Gas Metal Arc Welding

MG 3 0 8

● Applicable Specification

JIS Z 3321 YS308 AWS A5.9 ER308

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.051	0.38	1.76	0.025	0.003	9.43	19.91	0.08	0.05

MG 3 0 8 F

● Applicable Specification

JIS Z 3321 YS308H AWS A5.9 ER308H

● Application

High Temperature Use

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.049	0.46	1.75	0.010	0.008	10.15	20.13	0.03	0.02

MG 3 0 8 L

● Applicable Specification

JIS Z 3321 YS308L AWS A5.9 ER308L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.018	0.36	1.86	0.020	0.004	9.71	19.78	0.06	0.03

MG 3 0 8 L 2

● Applicable Specification

JIS Z 3321 YS308L AWS A5.9 ER308L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.014	0.43	1.82	0.020	0.003	10.21	20.09	0.10	0.07

MG 3 0 8 L 1

● Applicable Specification

JIS Z 3321 YS308L AWS A5.9 ER308L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.008	0.34	1.82	0.016	0.004	10.36	20.15	0.07	0.04

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MG308LSi

● Applicable Specification

JIS Z 3321 YS308LSi AWS A5.9 ER308LSi

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.021	0.83	1.72	0.023	0.002	9.83	19.76	0.05	0.07

MG309

● 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	0.46	1.73	0.017	0.004	13.25	24.46	0.09	0.08

MG309L

● Applicable Specification

JIS Z 3321 YS309L AWS A5.9 ER309L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.018	0.42	1.84	0.019	0.003	13.52	23.48	0.10	0.08

MG309LSi

● Applicable Specification

JIS Z 3321 YS309LSi AWS A5.9 ER309LSi

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.018	0.83	1.72	0.024	0.004	13.61	24.09	0.07	0.05

MG310

● Applicable Specification

JIS Z 3321 YS310 AWS A5.9 ER310

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.097	0.30	1.77	0.018	0.002	21.63	26.71	0.10	0.04

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MG 3 1 0 S

- Applicable Specification

JIS Z 3321 YS310S

- Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.050	0.34	1.85	0.013	0.003	21.57	26.32	0.08	0.07

MG 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	0.045	0.39	1.71	0.022	0.005	12.26	19.25	2.27	0.05

MG 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	0.023	0.39	1.83	0.020	0.004	12.22	19.39	2.19	0.08

MG 3 1 6 L 2

- Applicable Specification

JIS Z 3321 YS316L AWS A5.9 ER316L

- Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.014	0.42	1.73	0.018	0.004	12.41	19.24	2.25	0.07

MG 3 1 6 L 1

- Applicable Specification

JIS Z 3321 YS316L AWS A5.9 ER316L

- Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.007	0.34	1.82	0.017	0.003	12.80	19.32	2.35	0.03

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MG 3 1 6 L S i

● Applicable Specification

JIS Z 3321 YS316LSi AWS A5.9 ER316LSi

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.011	0.78	1.74	0.013	0.005	12.29	19.25	2.26	0.10

MG 3 1 6 J 1 L

● Applicable Specification

JIS Z 3321 YS316LCu

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.019	0.42	1.86	0.023	0.005	13.02	19.15	2.16	1.81

MG 1 6 - 8 - 2

● Applicable Specification

JIS Z 3321 YS16-8-2 AWS A5.9 ER16-8-2

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.078	0.40	1.65	0.008	0.002	9.22	16.82	1.77	0.09

MG 3 1 7 L

● Applicable Specification

JIS Z 3321 YS317L AWS A5.9 ER317L

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.025	0.41	1.77	0.007	0.001	14.38	18.48	3.53	0.07

MG 3 4 7

● Applicable Specification

JIS Z 3321 YS347 AWS A5.9 ER347

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Nb
Typical	0.043	0.37	1.84	0.017	0.001	9.68	19.71	0.08	0.05	0.65

TASETO Welding Materials

Bare Stainless Steel Wires

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MG 3 4 7 S i

● Applicable Specification

JIS Z 3321 YS347Si AWS A5.9 ER347Si

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Nb
Typical	0.049	0.73	1.71	0.022	0.004	9.83	19.26	0.06	0.07	0.60

MG 3 4 7 H T

● Applicable Specification

JIS Z 3321 YS347 AWS A5.9 ER347

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Nb
Typical	0.051	0.39	1.85	0.016	0.002	10.01	19.36	0.09	0.06	0.63

MG 4 1 0

● Applicable Specification

JIS Z 3321 YS410 AWS A5.9 ER410

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.022	0.30	0.39	0.021	0.002	0.13	12.76	0.07	0.03

MG 4 3 0

● Applicable Specification

JIS Z 3321 YS430 AWS A5.9 ER430

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.031	0.37	0.39	0.017	0.003	0.19	16.58	0.09	0.05

MG 3 2 9 J 3 L

● Applicable Specification

JIS Z 3321 YS2209 AWS A5.9 ER2209

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
Typical	0.015	0.49	1.50	0.018	0.001	8.62	22.96	3.08	0.03	0.16

TASETO Welding Materials

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MG 3 2 9 J 4 L

● Applicable Specification

JIS Z 3321 YS329J4L AWS A5.9 ER2594

● Chemical Composition of Wire (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
Typical	0.019	0.26	0.64	0.006	0.003	9.39	24.47	3.97	0.01	0.24