GFW308N2

Applicable Specification
JIS Z 3323 TS308N2-FC0

● Applications and Characteristics

TASETO GFW308N2 is used for welding of nitrogen added SUS304N1 & SUS304N2 with high tensile strength.

● Notes on Usage

* Please refer "Guideline for Welding Stainless Steel with GFW Wires".
* Use CO_2 as shielding gas.

● Chemical Composition of All Weld Metal (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
Typical	0.082	0.81	2.90	0.019	0.006	8.30	24.66	0.02	0.02	0.18

● Ferrite Content of All Weld Metal

* Typical Ferrite Content : >20% (Schaeffler's Diagram)
16.2FN (DeLong's Diagram)
15.0～18.0% (Ferrite Scope)

● Mechanical Properties of All Weld Metal

	0.2% Proof Stress (MPa)	Tensile Strength (MPa)	5D Elongation (%)
Typical	574	768	30.0

● Sizes Available and Shielding Gas

Size (mm)	Shielding Gas
1.2	CO_2 gas, 20L/min
1.6	CO_2 gas, 20L/min