

TASETO Welding Materials

Stainless Steel Electrodes

For Flux Cored Arc Welding

GFW308

Applicable Specification

JIS Z 3323 TS308-FB0

AWS A5.22 E308T0-1/4

● Applications and Characteristics

TASETO GFW308 is used for welding of Type 304 stainless steel.

● Notes on Usage

* Please refer "Guideline for Welding Stainless Steel with GFW Wires".

● Chemical Composition of All Weld Metal (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu
Typical	0.041	0.56	1.46	0.018	0.004	9.72	19.79	0.02	0.02

● Ferrite Content of All Weld Metal

* Typical Ferrite Content :
8.9% (Schaeffler's Diagram)
13.9FN (DeLong's Diagram)
10% (Ferrite Scope)

● Mechanical Properties of All Weld Metal

	0.2% Proof Stress (MPa)	Tensile Strength (MPa)	5D Elongation (%)
Typical	406	619	38.0

● Sizes Available, Shielding Gas

Size (mm)	Shielding Gas
1.2	CO ₂ or Ar+20%CO ₂ , 20L/min
1.6	CO ₂ or Ar+20%CO ₂ , 20L/min