

# TASETO Welding Materials

Stainless Steel Electrodes

For Shielded Metal Arc Welding

## RNY308N2

● Applicable Specification

JIS Z 3221 ES308N2-16

● Identification Color

End Face: Yellow

Side Face: White

● Applications and Characteristics

TASETO RNY308N2 is designed to increase nitrogen content in its all weld metal, so it shows high tensile strength.

RNY308N2 is the electrode designed for Type 304N1 and Type 304N2 stainless steel.

● Notes on Usage

\* Dry the electrode at 150°C to 200°C for 60 minutes before use.

\* Remove oil and dust from the surface to be welded.

● Chemical Composition of All Weld Metal (%)

	C	Si	Mn	P	S	Ni	Cr	N
Typical	0.092	0.63	2.06	0.026	0.003	8.83	22.56	0.17

● Mechanical Properties of All Weld Metal

	Tensile Strength (MPa)	5D Elongation (%)
Typical	756	31.4

● Other Properties of All Weld Metal

\* Typical Ferrite Content : 14.4% (Schaeffler's Diagram)

● Sizes Available, Recommended Welding Currents (AC or DCEP)

Size (mm)	Length (mm)	Welding Current (A)	
		Flat	Vertical Overhead
3.2	350	80~120	65~110
4.0	350	110~150	85~135
5.0	350	150~200	—