

CLASSIFICATIONS

EN ISO 14343-A : W 19 9 H
 AWS A5.9 : ER 308 H

DESCRIPTION

- Applicability in welding tempered high-strength steels as well as stainless steels, carbon steels, and 18/8, Cr-Ni -alloy steels
- Requirement of use of Ar as “shielding gas for TIG welding”

CHEMICAL ANALYSIS OF WELD METAL % (TYPICAL)

C: 0.06 | Si: 0.5 | Mn: 1.7 | Ni: 9.8 | Cr: 20.1

MECHANICAL PROPERTIES

Yield Strength (MPa)	Tensile Strength (MPa)	Impact Strength (ISO-V/0°C)	Elongation (L _o =5d _o) (%)
min. 350	min. 550	min. 63 J	min. 25

BASE MATERIALS

- X2 CrNi 19 11, X5 CrNi 19 11, X 5 CrNi 18 8, X 12 CrNi 17 7, X 12 CrNi 18 8, G-X 10 CrNi 18 8, G-X 12 CrNi 18 8
- AISI: 304 L, 301,302,304,308

WELDING POSITIONS



CURRENT CONDITION

TIG D.C.(-)

OPERATING DATA

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
1011100018	2.0 x 1000	5/64 x 39"	5	Plastic Box
1011100019	2.4 x 1000	3/32 x 39"	5	Plastic Box
1011100020	3.2 x 1000	1/8 x 39"	5	Plastic Box