

FOR STAINLESS STEEL

AWS ER316
JIS Y316

T-316

Typical applications

Welding of stainless steel of 18%Cr-12%Ni-Mo types (STS316)

The low ferrite content improves the crack-resistance and corrosion-resistance.

Typical chemical composition of rod (%)

C	Si	Mn	Ni	Cr	Mo
0.04	0.40	1.62	12.10	18.40	2.30

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	El (%)	IV (J)
Ar	570 {58}	40	0°C:140 -196°C:50

Package

Dia. (mm)	1.2	1.6	2.0	2.4	2.6	3.2	4.0
Weight. (kg)	5						
Length. (mm)	1000						

Approved by