

FOR STAINLESS STEEL

AWS ER309LSi
JIS Y309LSi

T-309LSi

Typical applications

Welding of austenitic stainless alloys of the 22%Cr-12%Ni low carbon types and for joining stainless steels to non-alloy or low-alloy steels.

The high silicon content improves the welding properties, such as wetting.

Typical chemical composition of rod (%)

C	Si	Mn	Ni	Cr
0.02	0.75	2.28	13.70	23.20

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	El (%)	IV (J)
Ar	550 {56}	42	0°C:120

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