

FOR CARBON STEEL

AWS R45
JIS GA46
KS GA46

T-40

Typical applications

Low carbon steel for oxyfuel gas welding

Fuel gas : Acetylene (C_2H_2)

Characteristics on Usage

- ① Suitable for repair welding of thin sheet, tube, and small diameter pipe.
- ② In welding performance, oxyacetylene flame keeps neutral flame.

Typical chemical composition of rod (%)

C	Si	Mn	P	S
0.04	0.02	0.45	0.013	0.010

Typical mechanical properties of all-weld-metal

Y · P N/mm ² {kgf/mm ² }	El (%)	Conditions
450 {46}	20	S · R
500 {51}	17	N.S · R

Package

Dia. (mm)	1.0	1.6	2.0	2.6	3.2	4.0	5.0
Length (mm)	1,000						
Weight per packet (kg)	5						

Approved by