

OXYFUEL GAS WELDING CONSUMABLES

Classification	Brand name	Size (mm)	Equivalent specification	Typical chemical composition of rod (%)						
				C	Mn	Si	P	S	Cu	Al
For carbon steel	T-40	Dia ; 1.0~5.0 Length ; 1,000	AWS JIS KS R45 GA46 GA46	0.08	0.45	0.02	0.013	0.010	0.20	0.005

Typical mechanical properties of all-weld-metal.		Application	Approvals
T. S N/mm ² [kgf/mm ²]	EI. (%)		
450 {46}	20	Welding of low carbon steel with oxyfuel gas.	