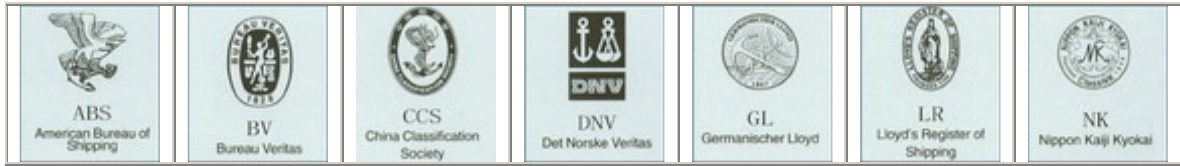


ELECTRODE FOR WELDING MILD STEEL



Corresponding to AWS E6013
JIS D4313
GB E4313

Description:

MT-12 is low carbon steel type electrodes with titania coating. It has excellent welding technological performances. The arc is stable and the spatter loss is negligible. The slag is fluid and when hardened it is compact and easy to remove. The welds have smooth appearance. It is suitable for all position welding of steel sheets and irregular joints even under unfavorable conditions.

Applications:

For welding structures of steel sheets, vehicles, buildings, machinery-manufacture, vessels and various structures of low carbon steel.

Typical Chemical Composition of Weld Metal (%)

C	Mn	Si	S	P
0.09	0.40	0.20	0.015	0.019

Typical Mechanical Properties of weld Metal

Yield Strength	Tensile Strength	Elongation (%)	Charpy V Impact Value (0°C)	Bend Test (Degree)
400N/mm ²	490N/mm ²	29	70J	180