

TERROWELD DS2

High strength dissimilar joining applications

Terroweld DS2 is a low heat input electrode depositing super stainless weld metal recommended for joining of carbon steels and alloy steels to themselves or to other high strength high alloy steels giving a high strength joint. It gives a good combination of impact, heat, and corrosion resistant properties.

It can be used to join fatigued and dirty cast steel components.

ALLOY BASE: Fe, Cr, Ni, Mo

SPECIAL FEATURES

- Superior bonding with all steels.
- Crack-less joint.
- Very good strength and impact toughness.

APPLICATIONS

Joining high strength alloy steels, heat and scale resistant steels. Suitable for stainless cladding on steels, furnace and combustion chamber parts, hydrogenation plants.

(Contd...)



Repair and surfacing of gears, spindles, worn out sprockets, valves, rolls, pinions, hot dies, reinforcing of manganese steel components, salvaging of broken rolling mill spindles, hydrel turbine blades, trash beams, etc.

PROPERTIES

UTS : 72-80 kg/mm²

Elongation : 29-34%

CURRENT RANGE : (AC 70, DC±)

Size (mm)	Length (mm)	Current Range (Amp)
2.50	350	60-90
3.15	350	70-100
4.00	350	100-130
5.00	350	110-140