

ROYAL -ER 312 (ER 312)

AWS -SFA A 5.9 ER 312

Applications

It is suitable for welding Automobile spring, trunnions of cement mill & other allied components, parts subject to corrosion & impact. Joining & Surfacing of High Carbon, low & high alloy steel, tool steel, spring steel, manganese steel, case hardening steel, high speed steel, cast steel etc.

Characteristics on Usage

This wire rods confirm to AWS/SAF 5.9 ER 312 Class. The Weld metal is free from porosity and any welding defects .it is used for welding of dissimilar steel combination.

Packing

Each Packets content 5 kg of Wire Rods having length 500 mm.,1000mm.

Mechanical Properties Of Weld Metal

U.T.S. (N/mm ²)	ELONGATION (L = 4d) %	Identification Mark
680 – 780	19 – 25%	Embossing each rod