

## Spray Fuse Type of Torch and Metal Alloy Powders

*'Valency' manufactures all types of AWS coded austenitic & Ferritic range of Stainless Steel Electrodes which are widely recognized for superb welding characteristics viz. very low spatter, smooth arcing and excellent slag detachability in addition to superior corrosion resistance.'*

### SPRAY FUSE TYPE TORCH AND METAL ALLOY POWDERS

#### VALSPRAY PROCESS :

A precision metal spray method for build up and wear facing. VALSPRAY process is designed for precise and controlled deposit to build up, overlay, fill up and restore missing section or defect. Two important components of this unique and versatile system are.

1. Spray Torch
2. Metal alloys powders.

#### VALSPRAY 120 TORCH :

A specially designed oxy-acetylene torch stores powder in a hoper attached to the body of the torch which is drawn into oxyacetylene flow through mixing chamber and propelled on to the work piece. The deposit can now be fused by the same torch to make smooth, dense coating.

Deposition Rates : 0.5 to 2.5 Kg/Hour, Thickness 0.2 to 4.00mm

**TORCH KIT :** VALSPRAY TORCH 120 is available in a kit from comprising of main Torch, all Tips, Cleaner, Service tools, Powder Tube, in a carry box.

#### VALSPRAY 202 POWDER

Applications : C. I. Engine blocks, Exhaust manifold, Blowholes, Gear,

C.I. glass moulds.

Hardness : RC 18 - 20 [ Machinable ]

#### VALSPRAY 225 POWDER

Applications : C. I. Steel, Stainless steel, Alloys steels glass moulds, Sprockets, gears, Clutch fingers, Tubes, Valves.

Hardness : RC 24 - 28 [ Machinable ]

#### VALSPRAY 402 POWDER

Applications : Steels, alloy steels, shafts, gears, sprockets moulds, forks, Tubes.

Hardness : RC 38 - 43 [ Machinable ]

#### VALSPRAY 602 POWDER

Applications : Steels & alloy steels, Wear pads, Cams, Screws, Patterns, Trash plates, Chains, Plungers, Valves.

Hardness : RC 60 - 63 [ Finish by Grinding ]