



# LOTHERME



## LoTherme - T 905

**Tubular electrode deposited tungsten carbide alloy with excellent abrasion resistance.**

### **Characteristics :**

LoTherme-T 905 tubular electrode deposits tungsten carbide alloy weld metal. It gives maximum resistance to severe wear under low impact. With a steady arc and low spatter losses it gives dense and pores-less seams. It works very well with low currents, very less dilution, higher deposition rate and higher hardness can be achieved on single layer also.

### **Applications:**

Weld metal of LoTherme-T 905 provides maximum abrasion resistance among all hardfacing alloys on carbon steels, low alloy and other steels. Typical applications include pan scrapers, concrete mixers, oil drill collars, induced draft fans, forced draft fans, primary air fans, coal crusher plates, muller blades, conveyor screws, etc.

### **All Weld Metal Hardness :**

Two Layers: 65 - 70 RC

### **Welding Technique:**

Clean the weld area free of any surface contaminations by grinding and wire brushing. Austenitic manganese steels should not be preheated.

### **Current Conditions : DC(±) / AC (70V)**

Size (mm) Dia x Length	10.0x450	8.0x450	6.3x450
Current Range (Amps)	140-190	130-180	85-140
Weight / Carton (kgs)	5	5	5

### **Identification Mark: Name Printed**