LoTherme

Estd. 1966
DH sécheron
Complete Welding Support

LoTherme - T 901

Tubular electrode deposits excellent abrasion resistant weld metal.

Characteristics :

LoTherme-T 901 tubular electrode deposits excellent abrasion resistant weld metal. With steady arc and low spatter losses it gives dense and poreless 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 901 is excellent abrasion resistant under moderate impact on carbon steels, low alloy and other steels. It is ideally suited for wear resistance overlays on austenitic manganese steels. Typical applications include bucket lips & teeth, crusher teeth, coal crusher jaws, coal crusher hammers, quarry screen plates, blow bars, clinker-grinder buttons, gyratory cones, toggle plates, etc.

All Weld Metal Hardness :

58 - 61 RC (on two layer deposit)

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	125-175	85-125
Weight / Carton (kgs)	5	5	5

Identification Mark: Name Printed

LoTherme - T 904

Tubular electrode deposited weld metal for severe abrasion and erosion at elevated temperature.

Characteristics :

LoTherme-T 904 tubular electrode deposits complex carbides of Cr, Mo, Nb, W & V weld metal for severe abrasion resistance and erosion resistance at elevated temperatures up to 800°C. With 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 904 provides severe abrasion resistance and erosion resistance at elevated temperatures up to 800°C on carbon steels, low alloy and other steels. Typical applications include sinter breakers, sinter fans, clinker parts, blast furnace bells, hoppers, cement kiln parts, coal burner nozzles, etc.

All Weld Metal Hardness :

63 - 65 RC

Welding Technique:

Clean the weld area free of any surface contaminations by grinding and wire brushing.

Current Conditions : DC(±) / AC (70V)

Size (mm) Dia x Length	10.0x450	8.0x450	6.3x450
Current Range (Amps)	140-190	125-175	85-125
Weight / Carton (kgs)	5	5	5

Identification Mark: Name Printed

LoTherme

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DH sécheron
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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

Estd. 1966
D&H sécheron
Complete Welding Support

LoTherme

50 YEARS

Tubular electrode deposited weld metal of complex carbide alloy with excellent abrasion resistance.

Characteristics :

LoTherme-T 909 tubular electrode deposits weld metal of complex carbide alloy of chromium, molybdenum and vanadium. It gives maximum resistance to course and fine grinding abrasion under moderate to heavy impact. With a steady arc and low spatter losses it gives dense and pores-less seams. It also gives high-temp wear-resistance up to 500°C. 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 909 provides severe abrasion on carbon steels, low alloy and other steels under moderate to heavy impact. Deposits polish on service. Typical applications include hammers, power shovels, conveyor screw fights, drag-chain buckets, rolling mill guides, ripper teeth, crushing equipments, bunker funnel, clinker hammers, hot air fans, mill plow blades, agricultural appliances, etc.

All Weld Metal Hardness :

58 to 63 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	90-140