

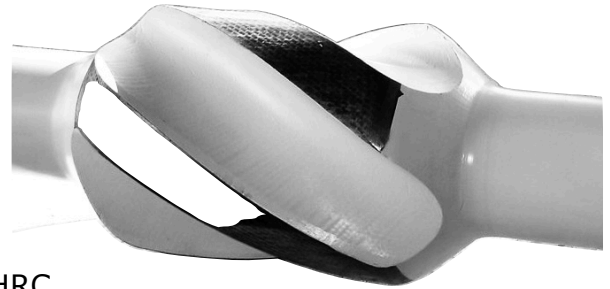
PH T-2444

HIGH RECOVERY ANTI WEAR SPOOL

General Description

PH T-2444 is a Nickel Cored flexible rod having a coating of mixture of Tungsten carbides and Nickel alloys. The deposits produce uniformly dispersed tungsten carbides in a matrix of Nickel-Chrom-Boron matrix.

The deposit contains 62% FTC and 38% Ni-Alloy Matrix with a deposit macro hardness of 50 HRC. The overlay is highly resistant to erosion, abrasion, corrosion and excessive wear conditions.



Drilling Stabiliser

Mechanical Properties:

Melting Point: 1020-1120 degrees C

Hardness (Fused Tungsten Carbides): Approx. 2500 HV
(Nickel Alloy matrix) : 450-500 HV

Applications:

A hard overlay on large Industrial Parts

- Steel castings
- Mixer Blades in Cement Industry
- Drill Bits
- Drill stabilisers in Petroleum Industry
- Scraper Blades
- Classifier Vanes

Welding Procedure

Post cleaning the surface to be hardfaced of rust, scale, grease and dirt, grinding is recommended for surface preparation. Gas flame should be neutral/slightly carburising For melting the rod.

Available Sizes

Diameter: 5.0 mm, 6.0 mm, 8.0 mm (All in 15 Kg Spool)

PHILARK ALLOYS

REGD. OFFICE & WORKS: E 37, UPSIDC, MG ROAD, HAPUR, UP



011 42821005, 23231260



enquiry@philarkalloys.com



www.philarkalloys.com