



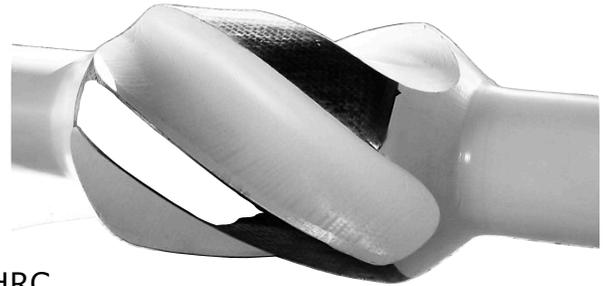
## PH T-2444

*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)

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