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3284

Nickel Silver Brazing Rod with
Tungsten Carbide Chips

SI CODE #3284 - Nickel Silver Brazing Rod with Tungsten Carbide Chips



Cemented Tungsten Carbide chips: In a resilient matrix of Nickel silver forming a composite welding rod. Provides a weld deposit consisting of layers of multi-faceted particles tungsten carbide for cutting steel or drilling rock.

MATRIX

Hi-Temperature Brazing Alloy (1700F) with metallic additions to increase plasticity at melting point. Low hardness (120 Brinell) and good tensile strength (100,000 psi) create a great impact resistant binder.

Cutting tools tipped with solid tungsten carbide inserts dull quickly and remain on the tool causing great decreases in efficiency. 3284 allows erosion of the matrix letting dull particles fall away while exposing the next layer of sharp particles.

Apply with Oxy-Acetylene torch using Hi-Temp Brazing Flux.

TUNGSTEN CARBIDE

Cemented Tungsten Carbide Cobalt crushed and screened to required particle sizes. They are then hand sorted to remove flat or elongated particles leaving consistent multi-angular chips with sharp edges.

3284 has been developed to provide exceptionally sharp particles with a metallurgy for cutting steel.