

TRU TUNCARB

A Bonded Tungsten Carbide Facing for the Toughest Wear Surfaces

TRU TUNCARB is an ultra-hard Tungsten Carbide Alloy that is diffusion bonded to Steel or Iron substrates, employing space age technology.

BENEFITS

- Provides greater wear and impact resistance than any other Overlay technology.
- Superior bond strength to low and high strength steels, abrasion resistant steels, stainless steels, cast irons and martensitic chromium white irons.
- Diffusion bond is stronger than steel.
- Good ductility allows material to bond to high hardness substrates or parts requiring hardening heat treatment without delaminating or cracking.
- Can be applied to existing or new parts.
- Bendable to curved surfaces, internal contours and suitable to lining pipe.
- Saves on part wear and replacement as well as downtime and change-out time.

APPLICATIONS

Power Industry:

Pulverizer Hammers, Plug Mill Paddles, Inlet and Exit Coal Fan Blades, Whizzer Blades, Cyclone Liner Plates, Bull-nose Wear Plate

Steel Industry:

Flop Gates, Shot Blast Liners, Side Rails, Impact Element Hammers

Glass and Grain:

Cullet Mixer Paddles, Grain Mill Hammers

Mining:

Dragline & Dipper Buckets, Lip Shroud Bars, Runners, Ore Chute Liner Plates, Front End Loader/Grader Blade Wear Plates, Dredge Points, Centrifuge Liners and Plows, Feeder Chutes

Pulp and Paper:

Debarker Inserts and Arms, Chipper Knives, Chain and Flight Wear Bars, Grapple Tines, Wear Plates, Pneumatic Chip Transition Elbows, Hog Hammer Tips, Logging Chain and Flytes



AVAILABILITY

Sizes: **Single Units to 24" x 40", Components can be welded**
Thicknesses: **1/16" thru 1 1/2", Heavier sections upon request**