



# Kenco Engineering, Inc.

## Foundation Drilling Auger Protection

**Retain auger diameter and reduce downtime with Kenco Engineering products**

Kenco's unique Tungsten Carbide Impregnated (TCI) process protects auger flights from abrasive wear better than any alternative method. Crushed tungsten carbide is impregnated into the flight edges (and outer faces, if desired) by melting the flight metal to a depth between .250" and .375" and dropping crushed tungsten carbide particles into the molten puddle. After cooling, the tungsten carbide is solidified deep into the parent metal.

Alternatively, tungsten carbide wear strips featuring the Kenco TCI process can be welded to flight edges and any other drill tooling needing superior protection. Tungsten carbide is one of the toughest metals known to science. Second only to industrial diamonds, it has a hardness exceeding 90 Rockwell A.



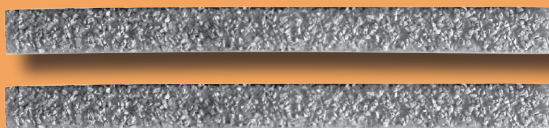
**Weld-on TCI Wear Strips**



**Tungsten Carbide Impregnated directly into auger flights**



**Repair ribbon flights also available**



### **\*Tungsten Carbide Impregnation (TCI)**

Kenco's Tungsten Carbide Impregnation process is not an overlay or spray on like competitor's products. The TC becomes a part of the steel. Kenco crushes and sizes the tungsten carbide raw material in-house to maintain the highest quality.



*Still proudly made in the USA*



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