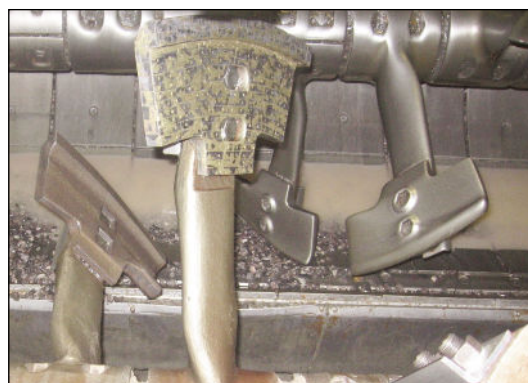


## Confined space working cut by 50%: UltraTungsten Twinshaft Mixer Blade

**The Challenge:** A major construction project required large volumes of high spec concrete. Cast steel mixing blades in the twinshaft mixers were struggling to cope and causing too much downtime. Replacing heavy blades in the inaccessible mixers posing safety risks.



**Our Solution:** UltraTungsten carbide protected mixing blade

**Key Features:** Extreme abrasion resistance, maximum wear life

**Improvement:** Downtime and maintenance cost dramatically reduced  
Wear life comparison: Cast 4 months UltraTungsten 18 months

**Benefits:**

- Cost** - spare parts expenditure reduced dramatically
- Mix Quality** - maintaining blade edge improves mix consistency
- Efficiency** - mixer availability improved
- Safety** - less intervention in confined space mixer
- Sustainability** - worn blades can be rebuilt at low cost, less waste
- Productivity** - less downtime = more production

*“The UltraTungsten mixing blades have performed remarkably well considering our throughput and how abrasive our various mix designs are. They last far longer than cast so I don’t have to get into the mixer to adjust or replace so often.” Concrete Plant Foreman*

