

Case Study

Ferobide Tap Hole Clay Extruder Screw

Customer Profile

Operator of taphole clay mixer and extruder in Finland.

Problem

Current screw is made from manganese steel with welded hardfacing and expected life is only 1-2 months.

Tenmat Solution

Ferobide weldable wear tiles.

Benefits of Ferobide

- Reduced Downtime
- Increased Lifetime
- Reduced Costs
- Better Wear Protection

Result

Increased the life of the screw by more than 5 times.

After 3 months, the screw was inspected and the steel and hardfaced screw flights had completely worn away with the Ferobide tiles standing proud. By using a complete set of Ferobide tiles to protect the screw in this application it is expected to increase the wear life by more than 5 times.

