



TS tooth series - High performance in the most abrasive applications

APPLICATION

Highly abrasive, gold / copper mining operation

MACHINE

Hitachi EX3600

SOLUTION

Hensley TS tooth series
Heavy Duty Tooth TS922RML

RESULTS

▷ **Improved production:** Excellent penetration and wear profile

▷ **Higher consumption ratio:** 70% to 75% steel utilization

▷ **Improved safety:** Hammerless locking mechanism

A gold mine in the Western U.S. was looking for a solution to lower their cost per ton and cost per hour. The mine is considered one of the most abrasive, hard digging operations statewide, with a tooth life averaging 70-100 hours in the most challenging phase.

Hensley's TS system, ideal for extreme mining applications, was selected by the customer for its safe, hammerless design. During the trial, operators reported on the excellent penetration and digging capabilities of the TS922RML rock chisel tooth. The tooth averaged a 70% steel utilization rate.

With this success, Hensley's TS system demonstrated its superior performance in the most abrasive environments.



The TS system is the ideal solution for extreme applications and high abrasion, and offers the following benefits:

- System designed for smooth material flow;
- Multiple tooth styles for most applications;
- Square nose design for better tooth-adapter fit;
- Nose design is up to 15% percent stronger than the competition;
- Patented hammerless tooth and adapter pins remain in nose during changes;
- Tooth and adapter pins are reusable to reduce inventory.

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