Printing Rolls: Original T-A®

A customer manufactures printing rolls made from aluminum bar for the label industry. They use a Mori Seiki lathe with coolant through the tool to produce their products.

The customer needed to improve the production process by reducing the cycle time and decreasing the cost of production.

The **Original T-A** reduced the machine's cycle time and lowered the cost of production.

Product: Original T-A®
Objective: Decrease cycle time
Industry: General machining
Part: Printing rolls
Material: Aluminum bar
Hole Ø: 1.00" *(25.4 mm)*
Hole Depth: 10.0" *(254 mm)*

Measure	Competitor	Original T-A®
RPM	900	1800
Feed Rate	0.004 IPR *(0.102 mm/rev)*	0.018 IPR *(0.457 mm/rev)*
Cycle Time	55.56 sec	18.52 sec
Dwell?	Yes	No

The T-A offered *61.86%* cost per hole savings over the competitor tooling.

61% cost savings

- Original T-A
  Holder: ***25020S-125L***
  Insert: ***1C22T-0100***

The Original T-A provided:

- ✓ Decreased cycle time
- ✓ Eliminated dwell stop
- ✓ Decreased cost per hole