



Wire Line Component: Original T-A®

A contract machine shop maintains and repairs equipment for chemical plants and oil fields. The part being machined is a wire line component for offshore drilling made of Monel alloy. They are using an M5 Mazak CNC with semi-synthetic coolant to produce their products.

The customer needed to reduce the cycle time and increase their overall production.

The **Original T-A** successfully reduced cycle time and lowered the customer's cost per hole.



		Measure	Competitor	Original T-A®
Product:	Original T-A®			
Objective:	Decrease cycle time			
Industry:	Oil & gas/petrochemical			
Part:	Wire line component			
Material:	Monel alloy			
Hole Ø:	0.75" (19.05 mm)			
Hole Depth:	3.40" (86.36 mm)			
		RPM	250	300
		Feed Rate	0.004 IPR (0.102 mm/rev)	0.004 IPR (0.102 mm/rev)
		Cycle Time	3 min 54 sec	3 min 20 sec
The T-A offered 45.55% cost per hole savings over the competitor tooling.				



14% cycle time decrease

▶ Original T-A
Holder: 23010S-100F
Insert: 151A-0024



The Original T-A provided:

- ✓
Decreased cycle time
- ✓
Decreased cost per hole

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