



Flamecut Weldments: Original T-A®

The customer machines flamecut A36 mild steel plate weldments using a radial arm drill machine with flood coolant.

Because this drilling operation was ineffective, the customer requested a solution to improve performance.

The **Original T-A** significantly improved the customer's process, providing substantial cost savings from multiple areas of the operation.



Product: Original T-A® Objective: Improve performance Industry: Structural steel/fabricator Part: Flamecut weldments Material: A36 mild steel plate Hole Ø: 2.5" Hole Depth: 4.0"	Measure	Competitor Drill	Original T-A®
	RPM	60	115
	Feed Rate	0.003 IPR	0.012 IPR
	Penetration Rate	0.18 IPM	1.38 IPM
	Cycle Time	22 min 13 sec	2 min 54 sec
	Tool Life	75 holes	300 holes
	Cost Per Hole	\$28.36	\$3.90



300% tool life increase

▶ Original T-A
Holder: 22050S-005/
Insert: 135T-0216



The Original T-A provided:

- ✓ Decreased cycle time
- ✓ Decreased cost per hole
- ✓ Increased tool life

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