



I-Beams: Original T-A®

The customer drills I-beams made from A36 structural steel using a Ficep structural beam drilling machine center with mist coolant.

In need of improvements, the customer requested a solution that would provide more tool life from the drill inserts.

The **Original T-A** structural steel drill easily met the customer's goal.



		Measure	Competitor	Original T-A®
Product:	Original T-A®			
Objective:	Increase tool life	RPM	650	440
Industry:	Structural steel/fabricator	Feed Rate	0.010 IPR	0.010 IPR
Part:	I-beams	Penetration Rate	6.5 IPM	4.4 IPM
Material:	A36 Structural steel	Tool Life	20 holes	1500 holes
Hole Ø:	0.875"	Cost Per Hole	\$2.02	\$0.22
Hole Depth:	0.4375"			

▶ Original T-A
Holder: 25010H-004IS052
Insert: 151A-0028-TW



89% cost per hole decrease

The Original T-A provided:

- ✓ Increased tool life
- ✓ Decreased cost per hole