

Tube Fabrication
Solutions for Automotive
and HVAC Industries

T-DRILL

Where there's tubing, there's T-DRILL.

Technology Leader

With T-DRILL you can branch. You can cut to length. And you can form the ends of the tubes with in-line end forming, spinning or notching. You can do all this faster and more accurately than with any other method and still save both money and material.

T-DRILL offers a full range of fabrication solutions for your tubing needs, from stand-alone units to fully automated production lines.

Typically T-DRILL systems are used in producing tubular components within:

- Automotives
- Air-conditioning / refrigeration
- Heat pumps
- Heat exchangers
- Solar panels



SP-55 and SP-110

The T-DRILL tube end spinners SP-55 and SP-110 provide all common end forms in copper and copper alloys up to O.D. 108 mm (4 1/8")



Chipless cut



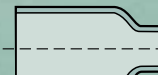
Groove



Form Ends



Close



Reduce



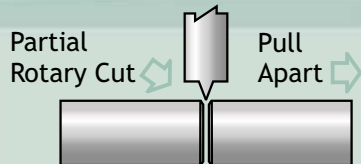
Expand



TCC-Serie

The T-DRILL chipless rotary tube cut-off systems provides a highly automated, fast and accurate method for cutting small diameter tubes to length from coils or straight lengths. Thanks to "Pull-apart" method, the tubes are ready for mandrel

bending without washing or brushing. In-line endformers are available for single or both ends providing all common end forms in copper, brass, aluminium and steel. For steel applications, double end chamfering machines provides endfinishing solution for wide range of tube lengths.



S-16 and S-54

The T-DRILL branching units for small diameter tubing provide collars up to 54 mm (2 1/8") in copper, aluminium, steel, stainless steel and other malleable materials.

Work cells and Feed Tables

Work cells for flexible or dedicated production and Feed Tables for header manufacturing.



Manufacturer:

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Distributor:

Why T-DRILL?

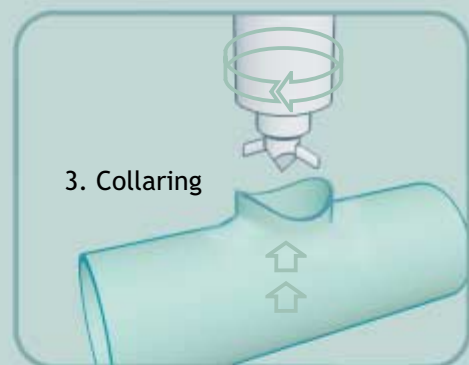
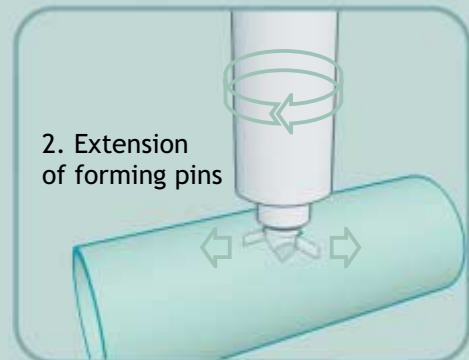
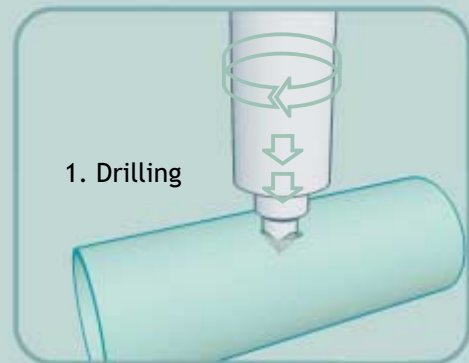
The T-DRILL method of branching is applicable to almost all malleable materials including stainless steel, CuNi, aluminium alloys and copper.

- Production cost reductions up to 80%
- No costly inventories
- Less wasted material
- Remarkably faster through-put times
- Improved product strength, flow and brazing characteristics

The T-DRILL Method

1. The pilot hole is drilled in the pipe.
2. Forming pins in the collaring head are extended.
3. The collar is formed in a few seconds.

The branch connection is then ready for brazing.



The business environment may be demanding,
but you can reach ambitious goals with a strong, flexible technology partner like T-DRILL.