



## CASE STUDY

November 2020

### TW141 for Cola drink dispenser manufacturing plant

#### BUSINESS CHALLENGE

Worked together with a leak testing company to offer an enhancement of the completion/testing and acceptance test with selection of a standard TW141 unit. During commission, the first problems came about being such a hard connection and that the seals get damaged quickly. Two new issues came about: the tolerance of the copper tubing was different than specified, and the tests were done with hot copper tubes just after the brazing operation. Result was that the seals started to melt/damage due to the heat and that due to not enough tolerance on the connector for the copper tube. The connection was hard and required certain force.

#### SOLUTION

After visiting the impressive assembly plant the problems became very clear and because we addressed them immediately with a different TW141 unit that had slightly larger opening and changed to different O-ring material, suddenly the problem disappeared, and the cola cans could again roll out of the dispensers.

#### IMPACT

Only uncomfortable part was that rework had to be done, time was lost, and costs were incurred, just because trusting that a Standard part is suitable for a standard process of assembly.

#### WEH® TW141 Tube coupling for pressure tests



#### APPLICATION

The TW141 Quick coupling has found use in several industries for testing of:

- Heat exchangers
- Air conditioning components
- Tube assemblies
- Automotive fuel systems
- Beverage coolers / Beverage refrigerators

**Interested?** "be part of this successful experience, we offer these nozzles through a very convenient trade-in program.

Nozzles are in stock in Katy, TX.

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Your WEH Team