

» PLAIN TUBES - NO PROBLEM

Straight tube connector WEH® TW141

- » For external tube diameters
- » WEH® Jaw locking mechanism
- » No hand tightening required
- » Special versions available for difficult-to-access tubes
- » No lateral forces generated on connection
- » High-grade materials
- » Vacuum up to 14,500 psi



» WEH® TW141 for pressure and function testing of straight tubes



The WEH® TW141 Quick Connector provides pressure-tight connections on straight tubes and has earned a reputation for ease of operation. The TW141 is a lever-actuated connector, which creates no lateral forces that can distort the test piece or filling port when connecting and disconnecting. WEH® TW141 is fitted with an internal safety

feature which prevents the connector from being removed until a pressure lower than 75 psi is attained.

WEH® TW141L Quick Connector is an extended version of the WEH® TW141 and has been developed for difficult to access test pieces. The extended jaws allow connection to difficult to reach tubes in narrow spaces - heat exchangers are a typical example.

WEH® TW141 Quick Connectors are used for leak testing of heat exchangers, air conditioning components, tube assemblies and automotive fuel systems and also for filling of closed cooling circuits with refrigerants.

TECHNICAL DATA:

Characteristic	Basic version
Operating pressure	Vacuum up to max. 1,450 psi
Temperature range	-10 °C up to +80 °C
Leak rate	1 x 10 ⁻³ mbar x l/s
Sealing range	Ø 4.8 mm up to Ø 22.2 mm
Medium	Refrigerants, air, gas, water, oil, etc. (please indicate when ordering)
Surface finish of test piece	≤ Rz8 µm Surfaces greater than Rz8 µm are not recommended
Material hardness of test piece	Max. hardness 28 HRC - Connection to copper tubes
Material	Clamping jaws: Corrosion resistant stainless steel Housing: Anodized aluminium
Sealing material	Depending on medium

Other designs on request

» Contact

For questions and further information, please do not hesitate to contact us.

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