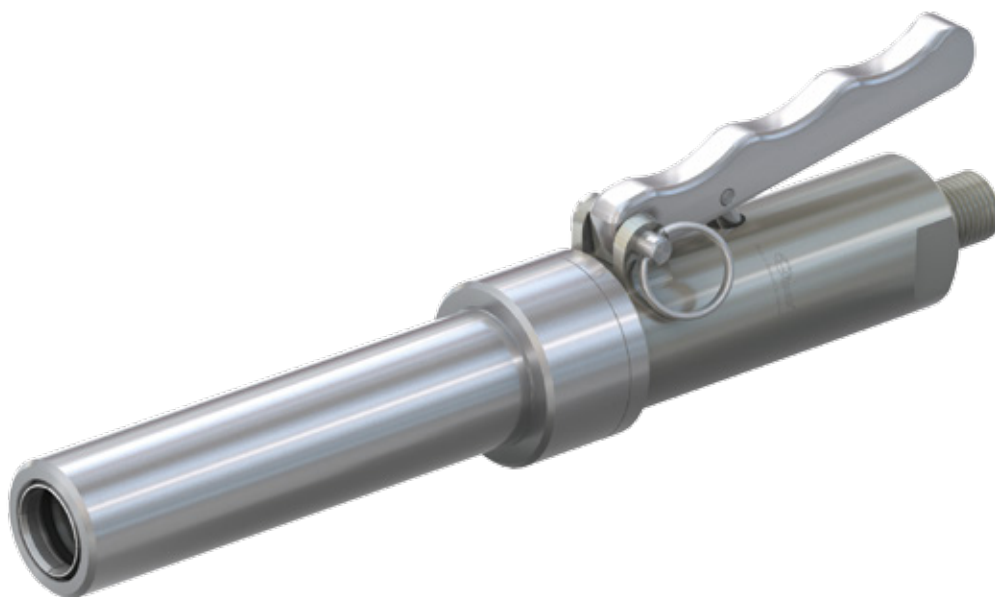


Type **TW141L**

WEH[®] Connector for pressure and function testing
of straight tubes



General

DESCRIPTION



Features

- Connection in seconds
- No hand tightening required
- For connection onto straight tubes, sealing on the external diameter
- No lateral forces generated on connection
- WEH® Jaw locking mechanism
- Ergonomic design
- High-grade materials

The WEH® TW141L Quick Connector 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. The design ensures that disconnection is not possible whilst still under pressure.

Application

Quick connector for pressure and function testing of straight tubes, as for example leak testing of heat exchangers, air conditioning components, tube assemblies and automotive fuel systems. Filling of closed cooling circuits with refrigerants.

TECHNICAL DATA

Characteristic	Basic version
Operating pressure PS	Vacuum up to max. 100 bar
Temperature range	-10 °C up to +80 °C
Leak rate	1×10^{-3} mbar x l/s
Medium	Refrigerants, air, gas, water, oil, etc. (please indicate when ordering)
Actuation	Manual actuation via hand lever
Surface finish of test piece	$\leq R_z8 \mu\text{m}$ - surfaces greater than $R_z8 \mu\text{m}$ are not recommended
Material hardness of test piece	Max. hardness 28 HRC Connection to copper tubes
Material	Housing: anodized aluminium Clamping jaw assembly: corrosion-resistant stainless steel
Sealing material	Dependant on medium

Other designs on request

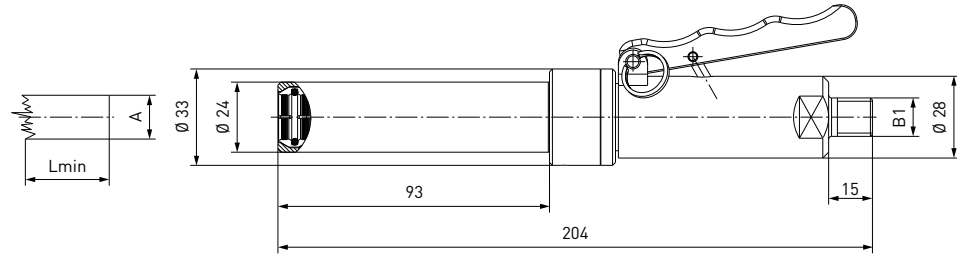
Example of use:



Ordering

ORDERING | WEH® TW141L Quick Connector

approx. dimensions (mm)



Part No.	Sealing range external tube Ø A	Tolerance	Inlet B1 (external thread)	Lmin*
C1-16422	15.0	± 0.1	NPT 1/4"	15

* Lmin: minimum length required for insertion of test piece

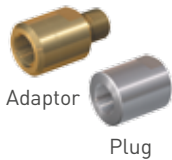
Other connector sizes and versions on request.

ACCESSORIES

The following accessories are available for WEH® TW141L:

Adaptors / Plugs

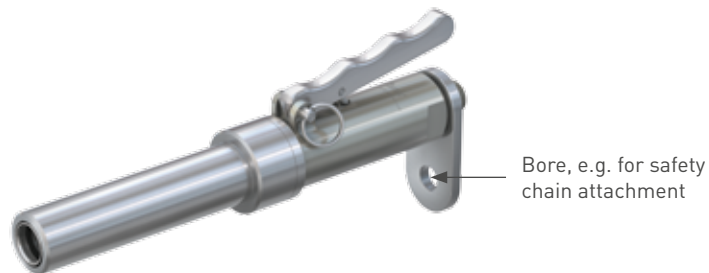
Different adaptors for other media inlets are available. If the connector is to be used as a plug, the media inlet 'B1' can be sealed.



Part No.	Description	Thread
C1-30810	Adaptor	NPT 1/4" internal thread - G1/4" internal thread
C1-30366	Adaptor	NPT 1/4" internal thread - G1/4" external thread
E29-934p	Adaptor	NPT 1/4" internal thread - UNF 7/16" external thread
E29-900p	Plug	NPT 1/4" internal thread

Anchor plate

WEH offers an anchor plate to create a safe, secure attachment for the TW141L.



Part No.	Description
C1-45285	Anchor plate for TW141L

Other products

OTHER PRODUCTS

You will find more products in our current catalogue no. 40



Further information on our homepage
www.weh.com

» Contacting

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

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