

Type TK10 and TK10i

Patented CNG fuelling nozzle for use on fuelling stations (DN 4 mm)

The TK10 Fuelling Nozzle features 'push to connect' JAW locking system. The locking sleeve does not have to be pulled back in order to make a connection which means that the connector is very easy to use. The hand grip is available in 45° or 90° configurations, this feature can help to prevent stresses on the hose due to excessive-

ly tight bend radii induced by awkward-to-access receptacles and the chafing of the hose on the ground. The nozzle also features an integrated ball valve and captive venting. Refuelling is carried out by simply pushing the TK10 onto the receptacle, opening the ball valve until fuelling is complete, closing the valve, ven-

ting the residual gas and pulling back the sleeve to disconnect.

New! The fuelling nozzle type **TK10i** has been designed especially for the Italian market, thus enabling to connect with a simple push-pull-nozzle also to Italian receptacles.

Features

- Compatible with the NGV1 receptacle profile (TK10)
- Compatible with the Italian receptacle profile (TK10i)
- Push to connect
- Ergonomic design
- Integrated captive vent
- Integrated shut-off valve
- Plastic thermal protection
- WEH-JAW locking mechanism
- Grip handle available at 45° or 90°



On request the fuelling nozzles type TK10 and TK10i are also available without gas recirculation. The grip handle can either be 45° or 90°.

All WEH products are made of high-quality materials. The TK10 and TK10i are made of corrosion-resistant material and with plastic thermal protection of the hand grip.

Difficult-to-access receptacles can be easily refuelled due to the extended construction of the integrated TK4 nozzle. WEH-jaws grip symmetrically avoiding damage of the receptacle profile which could cause leakage.

To achieve optimum performance it is recommended that the TK10 and TK10i Fuelling Nozzles are used with the TN1 receptacle.

For further information on the filling hoses (filling and venting hoses) refer to page 46 of catalogue No. 15.

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Technical Data:

Application:

CNG fast filling of cars at fuelling stations. Fuelling nozzle type TK10 designed to be used with WEH-TN1 receptacle. Fuelling nozzle type TK10i to be used with Italian receptacle. Operation only by specially trained service personnel.
No self-service operation!

Pressure range:

TK10: B200 acc. to ISO 14469
PN = 200 bar
PS = 300 bar
PT = 450 bar
Compatible NGV1, P30

TK10i

PN = 200 bar
PS = 300 bar
PT = 450 bar

Temperature range:

-40°C up to +85°C

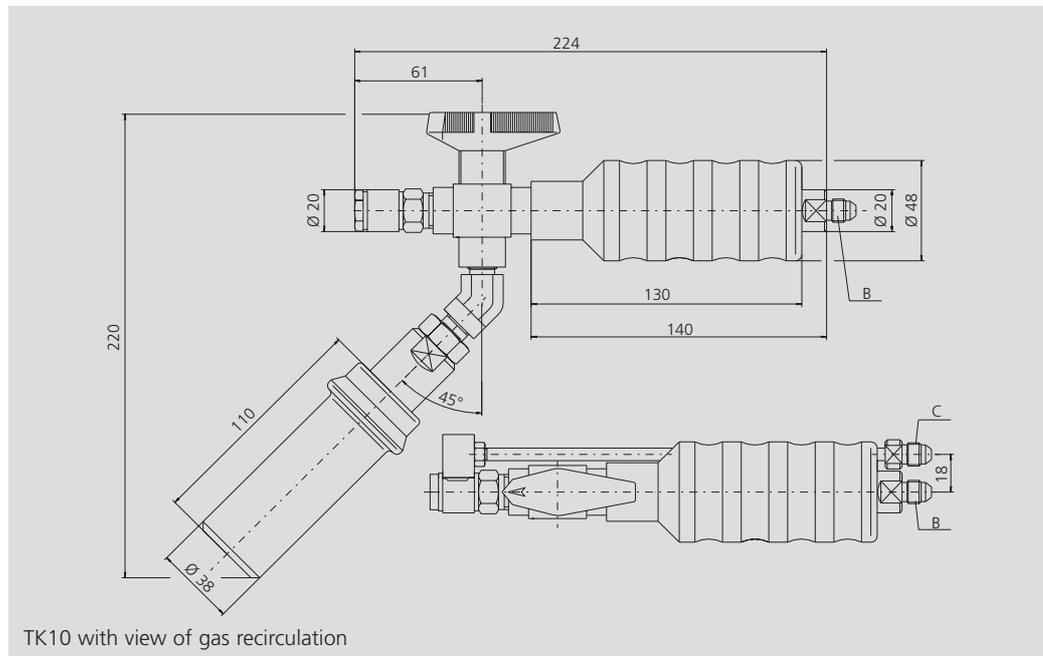
Design:

All parts corrosion-resistant with plastic thermal protection. Seals natural gas compatible.

Registration:

PED 97/23/EC: CE 0036
(for TK4)

Dimensions (mm):



Ordering:

Inlet port 'B' available with other thread sizes on request.

Description	Inlet B	Grip Position	Vent Pipe C	Part No.
TK10	UNF 7/16" - 20 * external thread	45°	—	C1-15971
TK10	UNF 7/16" - 20 * external thread	90°	—	C1-15972
TK10	UNF 7/16" - 20 * external thread	45°	UNF 7/16" - 20 *	C1-15973
TK10	UNF 7/16" - 20 * external thread	90°	UNF 7/16" - 20 *	C1-15974
TK10i	UNF 7/16" - 20 * external thread	45°	UNF 7/16" - 20 *	C1-17904

* acc. to SAE J514, 37°

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