

e-PRESS SYSTEM FITTINGS

ELBOW 90° THREADED FEMALE

Press fittings for corrugated pipes in stainless steel
PLT-CSST DN 12.



DESCRIPTION

e-PRESS system is the first patented pressing system for Eurotis PLT-CSST corrugated pipes.

The EUROTIS press fittings are suitable for any type of plumbing system, industrial applications, heating systems, sanitation and generally with any non-corrosive fluid.

The fittings are made of brass and are characterized by a safe and reliable seal over time; the connection is PRESS FITTING type, characterized by extreme speed and ease of installation.

EUROTIS fittings are moulded in CW617N brass, conforming to EN 12165; they have an adequate thread length to guarantee optimal connections.

EUROTIS fittings are full bore coupled with PLT-CSST corrugated stainless steel tubes.

A female thread conforming to ISO10226R, characterizes the fittings under consideration.

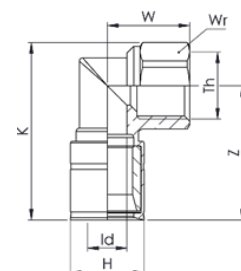


Suitable for:

- gas systems
- solar thermal systems
- heating and air conditioning systems
- drinking water systems

TECHNICAL SPECIFICATIONS

H: Height	Wr: Hex Wrench
W: Length	Th: Thread
Id: Internal Diameter	K: Total Height
Z: Wheelbase	



Connection to a PLT-CSST tube with DN	ISO10226Rp connection thread	H	W	Id	K	Z	Wr
		mm	mm	mm	mm		
12*	1/2"	22.4	25.0	12.0	54.3	41.0	24

* for dn12 only the connection with the tube in aisi 316l is possible.

TECHNICAL CHARACTERISTICS

- Material: Brass CW617N - EN12165.
- Surface treatment: None.

SEALS

Eurotis offers a complete range of fittings with specific gaskets:

- yellow in H-NBR for gas systems, compliant with the EN 682 standard.
- black in EPDM-PEROX for solar and domestic hot water systems.

CONNECTION TO PIPE

Two pressing points guarantee the tightness of the joint (pipe / fitting):

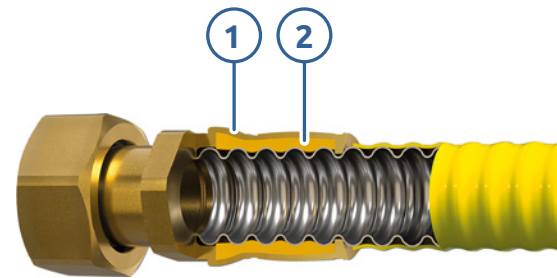
- 1° pressing point deforms the entrance to the fitting where the presence of a "tooth", after pressing, blocks the pipe by inserting itself into the groove of the corrugation, preventing it from slipping.
- 2° pressing point deforms the gasket, allowing it to penetrate inside the corrugations of the CSST pipe and ensuring a safe and long-lasting seal.

PRESSING TECHNIQUE

The pressing of the e-PRESS fitting takes place using the Eurotis jaw with "E" profile, which allows a controlled deformation of the fitting and of the gasket, guaranteeing their tightness. The EUROTIS jaws are equipped with a special "fitting stopper" for the correct positioning of the fitting.

CERTIFICATIONS AND REFERENCE STANDARDS

- KIWA in accordance with DT KI-0413 Annex K65; EN15266, KIWA UNI KIP-096877.
- DVGW in accordance with DIN EN 15266; CG-4602CT0469.
- SVGW in accordance with EN 15266; N° 19-012-6 SSIGA.



EUROTIS
Creatori di soluzioni

Eurotis S.r.l.
Via Quintino Sella 1 - ang. via A. Volta
20094 Corsico - MI - ITALY
Ph. +39 02 4501442 - Fax +39 02 4503023
info@eurotis.it

www.eurotis.it