

PRE-ASSEMBLED FITTING FOR POLYETHYLENE PIPE

Application

The pre-assembled fittings **te-sa Art. 216T** for synthetic pipes made of polyethylene, polypropylene and polybutylene, have been developed and built to make easy, quick and safe the connections to distribution manifolds, wall fittings and radiator valves. In these fittings the pipe retaining ring is pre-assembled on the adaptor nut, and allow to have only two components to manage, instead of the three that normally have the traditional fittings. The nut with 27 mm hexagon facilitates the assembly of the fitting especially where the maneuver space available for wrenches is limited.

With fittings **216T** the pipes connection is faster, strong, and facilitated compared to the usual fittings in three pieces.



Assembly



Cut the pipe with a shear cleanly and perpendicularly to its axis



Insert the nut with pre-assembled retaining ring on the pipe to connect



Insert completely the body of the fitting into the pipe exerting an enough pressure



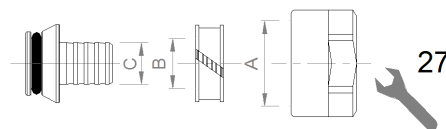
Manually screw the nut to the connection and tighten it by using an open polygonal wrench for hexagon 27 mm

Technical Data

- Maximum pressure 16 bar
- Maximum temperature 90 °C
- Maximum percentage of glycol 30%
- Suitable for use in heating systems and drinking water distribution systems
- Seal O-ring made of EPDM
- Suggested assembly torque 30÷40 Nm
- Nut connection 3/4" Eurocone
- Assembly with wrench hexagon 27 mm
- Nut chrome plated made of brass CW617N UNI-EN12165
- Fitting body made of brass CW614N UNI-EN12164
- Retaining ring made of brass CW614N UNI-EN12164
- Supplied in pair packaged into protection plastic bag

Dimensions

Part Number	Pipe
216T-14020	14x2
216T-15015	15x1,5
216T-16015	16x1,5
216T-16020	16x2
216T-16022	16x2,2
216T-17020	17x2
216T-18020	18x2
216T-18025	18x2,5
216T-20020	20x2
216T-20025	20x2,5



Art.	A	B	C
216T-14020	3/4"	Ø14,3	Ø9,7
216T-15015	3/4"	Ø15,3	Ø11,7
216T-16015	3/4"	Ø16,3	Ø12,7
216T-16020	3/4"	Ø16,3	Ø11,7
216T-16022	3/4"	Ø16,3	Ø11,3
216T-17020	3/4"	Ø17,3	Ø12,7
216T-18020	3/4"	Ø18,3	Ø13,7
216T-18025	3/4"	Ø18,3	Ø12,7
216T-20020	3/4"	Ø20,3	Ø15,7
216T-20025	3/4"	Ø20,3	Ø14,7