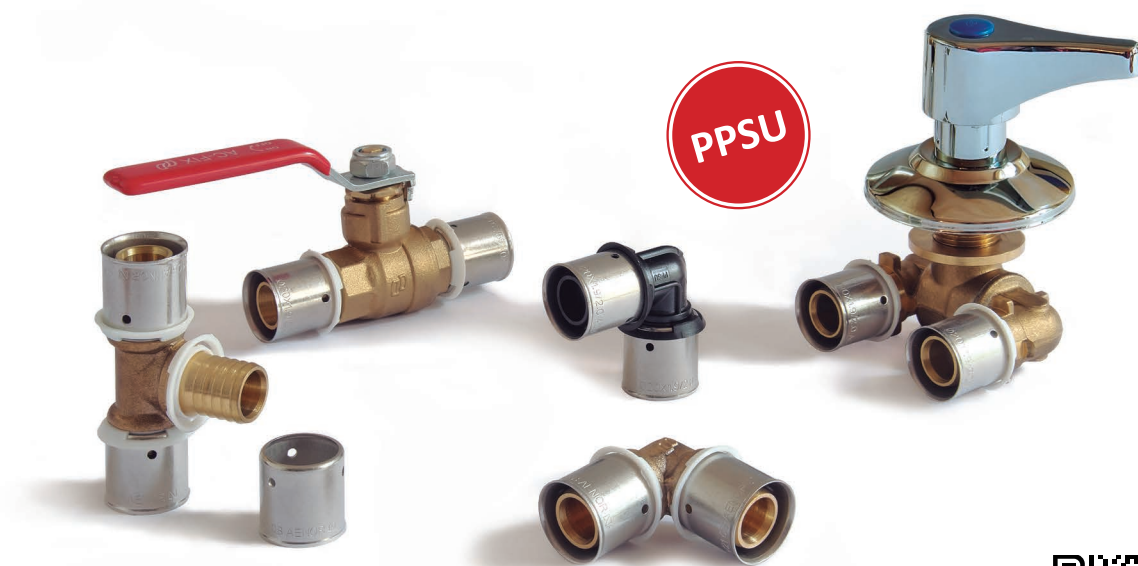


AC-FIX PRESS DUO



Vídeo

PRESS FITTINGS & VALVES FOR PEX
AND MULTILAYER PIPES



PRESS FITTINGS MADE OF BRASS FOR PEX AND MULTILAYER PIPES

The same fitting is compatible with PEX^(*) pipes (manufactured according to EN-ISO 15875-2 and ISO 4065) and Multilayer pipes (manufactured according to EN-ISO 21003) which have the following sizes:

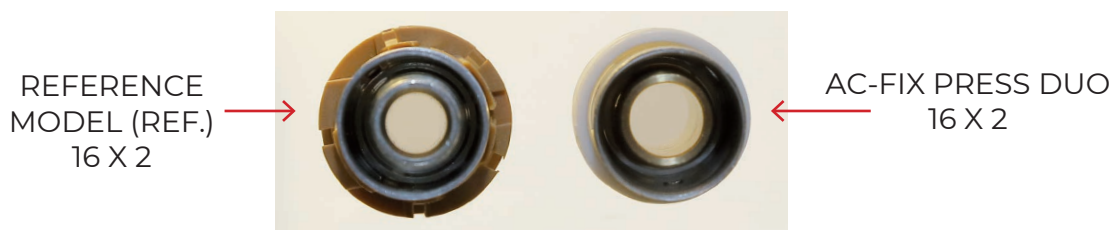
The same fitting is valid for:		
PEX		Multilayer
16x1,8 y 16x2,0	↔	16x2,0
20x1,9 y 20x2,0	↔	20x2,0
25x2,3	↔	25x2,5 y 26x3,0
32x2,9	↔	32x3,0

The fitting DN 25 and DN 26 have the same body, the only change is the stainless steel sleeve.

AC-FIX PRESS DUO fittings don't use O-Rings. This fact:

- Avoids the problems of leaks due to the damage of O-Rings that can happen when inserting the fittings into the pipes.
- Avoids the problems of leaks due to the aging of O-Rings.
- Allows a better flow of water compared to many fittings with O-Rings because the inner diameter of the AC-FIX PRESS DUO fittings is larger than in fittings with O-Rings with similar characteristics (material of the fitting, resistance to pressure, etc.).
- The function **"LBP" ("Leak Before Press")** is achieved: the fitting that has not been pressed leaks even at very low water pressures which is very useful to easily detect possible leaks due to lack of pressing when carrying out the tests. installation pressure.
- Compared to traditional Press Fittings that achieve sealing only at the points of the O-rings, the PRESS DUO system is watertight throughout the length of the insert.

COMPARISON OF CROSS-SECTIONAL INSIDE AREAS OF PRESS FITTINGS FOR MULTILAYER PIPES



Approximate areas in mm ²			
Dia. Pipe	REF.	AC-FIX PRESS DUO	AC-FIX / REF.
Brass			
			Larger area in %
16	40	60	50%
20	75	115	53%
25	150	185	23%
PPSU			
16	33	44	33%
20	67	89	33%
25	130	160	23%

(*) PEX-a, PEX-b or PEX-c

These fittings have been designed for greater safety, easiness and speed of assembly:

- Pressing with PEX pipes: RF, RFz, U, H, CO y VX.
- Pressing with MULTILAYER pipes: U, TH, RF y RFz^(*).

(*) We do not recommend pressing with Multilayer pipes with RF or RFz jaws in case of installations DN 32 with design pressure = 10 bar.

- The check holes on the sleeves (3 at 120°) allow the user to check that the fitting has been completely inserted into the pipe.
- The sleeve is pre-assembled with a plastic part; it increases the easiness and quickness of the assembly and also indicates where to put the side of the pressing jaws.
- The plastic sleeve holder has also the function of dielectric protection for multilayer pipes.
- Safety of the assembly: there is no O-ring. It is not necessary to calibrate and chamfer the pipe before inserting the fitting into. Once the assembly is finished, the sealing achieved is permanent. The fittings can be pressurized immediately after being assembled.

PRESS FITTINGS MADE OF BRASS FOR PEX AND MULTILAYER PIPES

AC-FIX PRESS DUO fittings are made of brass for machining CuZn39Pb3 (CW614N) and brass for forging CuZn40Pb2 (CW617N). The sleeve is made of stainless steel.

AC-FIX PRESS fittings have a quality certificate with n°14/16-2196 issued by the CSTB (the CSTB is the French approval body for the construction sector). They are manufactured according to UNE-ISO-15875-3/-5:2004. The manufacturing system is certified ISO 9001 by DQS of Germany (IQNet).

PRESS FITTINGS MADE OF PPSU FOR PEX AND MULTILAYER PIPES

The fittings AC-FIX PRESS DUO made of PPSU are compatible with PEX and MULTILAYER pipes with the dimensions specified before in the pipes technical information of the AC-FIX PRESS DUO fittings made of brass.

They have the same field of application as the fittings AC-FIX PRESS DUO made of brass (see the technical information of the fittings made of brass and instructions for assembly of AC-FIX PRESS DUO fittings).

The fittings AC-FIX PRESS DUO made of PPSU, have the followings advantages:

- High resistance to corrosion.
- Lower pressure drop.
- Much lighter than the brass fittings (the density of PPSU is approximately 1.300kg/m³ and the density of brass is 8.400kg/m³).
- Competitive prices due to lower cost of processing.

The fittings AC-FIX PRESS DUO made of PPSU can be used for drinking water: the PPSU is an advanced plastic totally odourless and tasteless.

Some chemicals can damage the fittings made of PPSU. Please contact our Technical Department.



**NEW DESIGN
WITH REINFORCEMENTS
AGAINST TENSIONS**

TERMAL CYCLING TEST AC-FIX PRESS DUO (PPSU) WITH MULTILAYER PIPES



TOOLS

- High level of quality and safety.
- Optimum handling.
- Systems that avoid 100% the risk of leaks.
- Wide range of spare parts in stock.

Note: Our fittings have been designed to be pressable by almost all the pressing tools in the market. Please, contact our Technical Department or check our website to get information about the compatibility of the pressing tool you intend to use to do the assembly.

IMPORTANT

We advise you to avoid the use of hemp to seal the threads. In case of using Teflon tape (PTFE), we recommend to put between 8 to 10 laps. It is preferable not to put Teflon in the first thread. When connecting water pipes, make sure that threaded connections are not subjected to excessive mechanical stress. Over time, this may result in breakage, with loss of water and damage to people and/or property. The torque settings of the threaded parts must not be more than 30 Nm.

PRESSURE TEST

The finished installation with the pipes at sight (before being hidden by masonry, filler or insulating material) must be subject to the hydrostatic pressure test of pipeline networks (pressure test) in accordance with local regulations. After the pressure test, the pipes of the drinking water installations should be thoroughly washed.

FIELD OF APPLICATION

These fittings have been designed to be used with PEX and Multilayer pipes in the following applications as defined in the EN-ISO 15875-1 and EN- ISO 21003 standards:

Application class	TD °C	Time at TD Years	Tmax °C	Time at Tmax Years	Tmal °C	Time at Tmal h	Typical field of application
1	60	49	80	1	95	100	Hot water supply (60°C)
2	70	49	80	1	95	100	Hot water supply (70°C)
4	20 Followed by 40 Followed by 60	2,5 20 25	70	2,5	100	100	Floor heating and low temperature radiators
5	20 Followed by 60 Followed by 80	14 25 10	90	1	100	100	High temperature radiators

TD: Design Temperature
Tmax: Maximal Temperature
Tmal: Malfunction Temperature

Where more than one design temperature appears for any class, the times should be aggregated (e.g. the design temperature profile for 50 years for class 5 is: 20°C for 14 years followed by 60°C for 25 years, 80°C for 10 years, 90°C for 1 year and 100°C for 100h).

The water used in the installations must come from the supplying network.

It is necessary to consider the working pressure of each class of application:

PEX
Serie 5,0: class 1 / 6 bar; class 2 / 6 bar; class 4 / 8 bar; class 5 / 6 bar.
Serie 4,0: class 1 / 8 bar; class 2 / 8 bar; class 4 / 10 bar; class 5 / 8 bar.

ASSEMBLY STEPS FOR PEX PIPES



1. Cut the pipe as clean and perpendicular as possible to its axis.



2. Insert the fitting into the pipe. The pipe must be seen through the check holes of the sleeve.

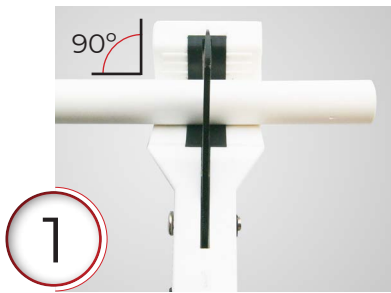


3. Place the side of the jaw beside the plastic ring and press with U, RF or RFz jaw. The plastic ring should not be pressed.

Remark:

- The assembly of the fittings AC-FIX PRESS DUO made of PPSU is done in the same way as the assembly of the fittings AC-FIX PRESS DUO made of brass.
- Study our list of compatible tools to press AC-FIX PRESS fittings.

ASSEMBLY STEPS FOR MULTILAYER PIPES



1
Cut the pipe as clean and perpendicular as possible to its axis. If the pipe is from a coil, straighten its end as much as possible.



2
Separate the stainless steel sleeve from the body of the fitting. Leave the plastic ring (black or white) on the body of the fitting.



3
Put the stainless steel sleeve on the pipe until reaching the end and the pipe can be seen through the check holes and the check holes are completely covered by the pipe.

4

Using the special pipe expander^(*) recommended for this application, expand the pipe **until it meets the resistance of the stainless steel sleeve. DON'T APPLY TOO MUCH FORCE** because excessive force could cause an expansion of the sleeve.



5

Insert the fitting completely. The pipe must be seen through the check holes of the stainless steel sleeve. The end of the stainless steel sleeve must reach the plastic ring (black or white). Don't leave more than 1,5 mm between the end of the stainless steel sleeve and the plastic ring.



6

Press with U or TH jaws. If TH jaws are used, the side of the jaw must be placed on the plastic ring.

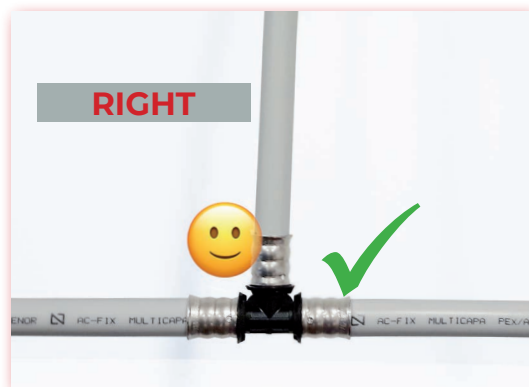
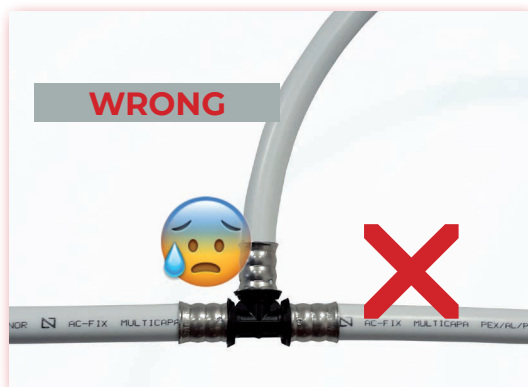
(*) Expander codes 100.0005.91 or 100.0005.54.



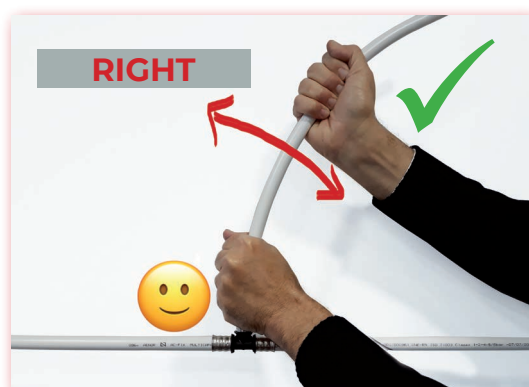
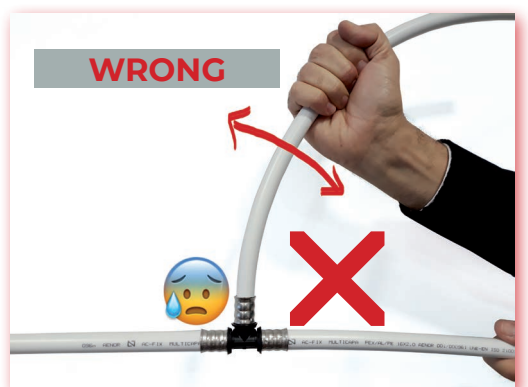
In the event of a pinch of the sleeve, this pressing is not valid, please **DISCARD**



ASSEMBLY WITHOUT TENSIONS



When a section of pipe near a joint has to be bent or straightened, the pipe should be clamped in the area close to the joint so as not to transmit stress to the fitting. This is applicable to all fittings but more especially to those of PPSU. Therefore, it is best to straighten the coil pipes before connecting them to the fittings.



PRESS FITTINGS FOR PEX AND MULTILAYER PIPES

DIMENSIONS	CODE	UN./BOX	€/un.	
16-3/8"	I.002.1638.91	25	2,85	
16-1/2"	I.002.1612.91	25	2,85	TH
16-1/2"	I.002.1612.91L	25	3,47	
16-3/4"	I.002.1634.91	25	4,77	
20-1/2"	I.002.2012.91	25	2,97	TH
20-1/2"	I.002.2012.91L	25	3,99	
20-3/4"	I.002.2034.91	25	4,43	
NEW 20-1"	I.002.201.91	25	10,36	
25-1/2"	I.002.2512.91	25	5,15	
26-1/2"	I.002.2612.91	25	5,15	
25-3/4"	I.002.2534.91	25	6,32	TH
25-3/4"	I.002.2534.91L	25	7,91	
26-3/4"	I.002.2634.91	25	6,32	TH
26-3/4"	I.002.2634.91L	25	7,91	
25-1"	I.002.251.91	25	10,70	
26-1"	I.002.261.91	25	10,70	
32-1"	I.002.321.91	25	12,85	TH
32-1"	I.002.321.91L	25	16,90	

FIXED FITTING MALE

Codes finished in L: longer version



DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.P02.1612.91	25	2,32
20-1/2"	I.P02.2012.91	25	2,43
25-3/4"	I.P02.2534.91	25	4,74
26-3/4"	I.P02.2634.91	25	4,74

FIXED FITTING MALE OF PPSU



DIMENSIONS	CODE	UN./BOX	€/un.	
16-3/8"	I.001.1638.91	25	3,27	
16-1/2"	I.001.1612.91	25	3,27	TH
16-1/2"	I.001.1612.91L	25	4,34	
20-1/2"	I.001.2012.91	25	3,41	TH
20-1/2"	I.001.2012.91L	25	4,49	
20-3/4"	I.001.2034.91	25	5,29	
NEW 20-1"	I.001.201.91	25	10,36	
25-3/4"	I.001.2534.91	25	6,22	TH
25-3/4"	I.001.2534.91L	25	8,42	
26-3/4"	I.001.2634.91	25	6,22	TH
26-3/4"	I.001.2634.91L	25	8,42	
25-1"	I.001.251.91	25	10,79	
26-1"	I.001.261.91	25	10,79	
32-1"	I.001.321.91	25	12,97	TH
32-1"	I.001.321.91L	25	17,43	

FIXED FITTING FEMALE

Codes finished in L: longer version



~~TH~~: Can't be pressed with TH.

Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

DIMENSIONS	CODE	UN./BOX	€/un.
16	I.006.1616.91	25	3,04
20	I.006.2020.91	25	3,73
25	I.006.2525.91	25	8,09
26	I.006.2626.91	25	8,09
32	I.006.3232.91	25	12,65

EQUAL UNION



DIMENSIONS	CODE	UN./BOX	€/un.
16	I.P06.1616.91	25	2,27
20	I.P06.2020.91	25	2,81
25	I.P06.2525.91	25	6,05
26	I.P06.2626.91	25	6,05
32	I.P06.3232.91	25	*

EQUAL UNION OF PPSU



DIMENSIONS	CODE	UN./BOX	€/un.	
20-16	I.006.2016.91	25	4,65	
20-16	I.006.2016.91L	25	4,89	
25-16	I.006.2516.91	25	7,66	
25-16	I.006.2516.91L	25	8,04	
26-16	I.006.2616.91	25	7,66	
26-16	I.006.2616.91L	25	8,04	
25-20	I.006.2520.91	25	7,25	
26-20	I.006.2620.91	25	7,25	
NEW	32-20	I.006.3220.91	25	10,36
	32-25	I.006.3225.91	25	11,33
NEW	32-26	I.006.3226.91	25	11,33

REDUCING UNION



DIMENSIONS	CODE	UN./BOX	€/un.
16	I.005.161616.91	25	5,80
20	I.005.202020.91	25	6,42
25	I.005.252525.91	25	14,76
26	I.005.262626.91	25	14,76
32	I.005.323232.91	25	24,44

EQUAL T



DIMENSIONS	CODE	UN./BOX	€/un.	
16	I.P05.161616.91	25	4,35	
20	I.P05.202020.91	25	4,81	
25	I.P05.252525.91	25	11,06	
26	I.P05.262626.91	25	11,06	
NEW	32	I.P05.323232.91	25	*

EQUAL T OF PPSU

NEW DESIGN WITH REINFORCEMENTS AGAINST TENSIONS



~~TH~~: Can't be pressed with TH.

Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

* Coming soon

DIMENSIONS	CODE	UN./BOX	€/un.	
16-20-16	I.005.162016.91	25	8,73	TH
16-20-16	I.005.162016.91L	25	9,60	
16-25-16	I.005.162516.91	25	13,38	
16-26-16	I.005.162616.91	25	13,38	
20-16-16	I.005.201616.91	25	8,13	TH
20-16-16	I.005.201616.91L	25	8,84	
20-16-20	I.005.201620.91	25	8,13	
20-20-16	I.005.202016.91	25	8,23	TH
20-20-16	I.005.202016.91L	25	8,97	
20-25-20	I.005.202520.91	25	14,46	
20-26-20	I.005.202620.91	25	14,46	
25-16-16	I.005.251616.91	25	13,34	
26-16-16	I.005.261616.91	25	13,34	
25-16-20	I.005.251620.91	25	13,57	
26-16-20	I.005.261620.91	25	13,57	
25-16-25	I.005.251625.91	25	14,21	
26-16-26	I.005.261626.91	25	14,21	
25-20-16	I.005.252016.91	25	13,57	
26-20-16	I.005.262016.91	25	13,57	
25-20-20	I.005.252020.91	25	13,49	
26-20-20	I.005.262020.91	25	13,49	
25-20-25	I.005.252025.91	25	14,46	
26-20-26	I.005.262026.91	25	14,46	
25-25-16	I.005.252516.91	25	14,30	
26-26-16	I.005.262616.91	25	14,30	
25-25-20	I.005.252520.91	25	15,74	
26-26-20	I.005.262620.91	25	15,74	
32-20-32	I.005.322032.91	25	26,04	
32-25-25	I.005.322525.91	25	25,49	TH
32-25-25	I.005.322525.91L	25	28,04	
32-26-26	I.005.322626.91	25	25,49	TH
32-26-26	I.005.322626.91L	25	28,04	
32-25-32	I.005.322532.91	25	26,04	TH
32-25-32	I.005.322532.91L	25	28,58	
32-26-32	I.005.322632.91	25	26,04	TH
32-26-32	I.005.322632.91L	25	28,58	
32-32-25	I.005.323225.91	25	26,04	
32-32-26	I.005.323226.91	25	26,04	

REDUCED T



REDUCED TE OF PPSU

NEW DESIGN WITH REINFORCEMENTS AGAINST TENSIONS



	DIMENSIONS	CODE	UN./BOX	€/un.	
NEW	20-16-20	I.P05.201620.91	25		*
NEW	25-20-20	I.P05.252020.91	25		*
NEW	25-20-25	I.P05.252025.91	25		*
NEW	32-25-32	I.P05.322532.91	25		*

~~TH~~: Can't be pressed with TH.

Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

* Cooming soon

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.004.1612.91	25	7,19
20-1/2"	I.004.2012.91	25	7,62
25-1/2"	I.004.2512.91	25	11,68
25-3/4"	I.004.2534.91	25	12,80
26-3/4"	I.004.2634.91	25	12,80

MALE END TE



DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.003.1612.91	25	6,49
20-1/2"	I.003.2012.91	25	6,98
25-1/2"	I.003.2512.91	25	12,80
26-1/2"	I.003.2612.91	25	12,80
25-3/4"	I.003.2534.91	25	18,47
26-3/4"	I.003.2634.91	25	18,47
32-1"	I.003.321.91	25	21,40

FEMALE END TE



DIMENSIONS	CODE	UN./BOX	€/un.
16	I.009.1616.91	25	4,43
20	I.009.2020.91	25	4,73
25	I.009.2525.91	25	9,01
26	I.009.2626.91	25	9,01
32	I.009.3232.91	25	16,24

ELBOW



DIMENSIONS	CODE	UN./BOX	€/un.
16	I.P09.1616.91	25	3,30
20	I.P09.2020.91	25	3,54
25	I.P09.2525.91	25	6,74
26	I.P09.2626.91	25	6,74
NEW 32	I.P09.3232.91	25	

ELBOW OF PPSU



NEW DESIGN WITH REINFORCEMENTS AGAINST TENSIONS

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.008.1612.91	25	3,96
20-1/2"	I.008.2012.91	25	4,44
20-3/4"	I.008.2034.91	25	10,26
25-3/4"	I.008.2534.91	25	10,37
26-3/4"	I.008.2634.91	25	10,37
32-1"	I.008.321.91	25	16,09

END FEMALE ELBOW



Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

* Cooming soon

	DIMENSIONS	CODE	UN./BOX	€/un.
	16-1/2"	I.012.1612.91	25	5,47
	20-1/2"	I.012.2012.91	25	5,74
	25-3/4"	I.012.2534.91	25	10,34
	26-3/4"	I.012.2634.91	25	10,34
NEW	25-1"	I.012.251.91	25	18,15
NEW	26-1"	I.012.261.91	25	18,15
NEW	32-1"	I.012.321.91	25	18,15

END MALE ELBOW



	DIMENSIONS	CODE	UN./BOX	€/un.
	16-1/2"	I.007.1612.91	25	5,71
	20-1/2"	I.007.2012.91	25	6,09
	20-3/4"	I.007.2034.91	25	11,14
	25-3/4"	I.007.2534.91	25	13,15
	26-3/4"	I.007.2634.91	25	13,15

ELBOW WITH FIXING BASE

h=37 mm

h=37 mm



	DIMENSIONS	CODE	UN./BOX	€/un.
	16-1/2"	I.011.1612.91	25	6,85
	20-1/2"	I.011.2012.91	25	7,29

HIGH ELBOW WITH FIXING BASE

h=48 mm

h=48 mm



	DIMENSIONS	CODE	UN./BOX	€/un.
	16-1/2"	I.015.1612.91	25	10,28
	16-3/4"	I.015.1634.91	25	14,56
	20-1/2"	I.015.2012.91	25	11,09
	20-3/4"	I.015.2034.91	25	14,56
	25-3/4"	I.015.2534.91	25	16,48
	26-3/4"	I.015.2634.91	25	16,48

END FEMALE SWIVEL ELBOW



	DIMENSIONS	CODE	UN./BOX	€/un.
	20-20-16-16	I.016.20201616.91	25	13,66
	25-20-16-16	I.016.25201616.91	25	14,46
	26-20-16-16	I.016.26201616.91	25	14,46
	25-20-20-20	I.016.25202020.91	25	14,57
	26-20-20-20	I.016.26202020.91	25	14,57
	20-16-20-16	I.016.20162016.91	25	13,66
	25-16-20-16	I.016.25162016.91	25	14,46
	26-16-20-16	I.016.26162016.91	25	14,46
	20-20-20-20	I.016.20202020.91	25	13,66

3 WAYOUT MANIFOLD



Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

DIMENSIONS	CODE	UN./BOX	€/un.
25-20-16-16-16	I.016.2520161616.91	25	26,20
26-20-16-16-16	I.016.2620161616.91	25	26,20
20-20-16-16-16	I.016.2020161616.91	25	26,20
25-20-20-20-20	I.016.2520202020.91	25	26,74
26-20-20-20-20	I.016.2620202020.91	25	26,74
20-20-20-20-20	I.016.2020202020.91	25	26,74

4 WAYOUT MANIFOLD



DIMENSIONS	CODE	UN./BOX	€/un.
20-1/2"-1/2"	I.016.20.H12X2.91	137	16,02
20-1/2"-1/2"-1/2"	I.016.20.H12X3.91	221	21,38



KITCHEN MANIFOLD



- Ideal manifold for the installation of sanitary water in the kitchen.
- Inlet with PRESS DUO connection for PEX or Multilayer pipe of diameter 20.
- 3 or 2 1/2" female outlets for water supply to the sink, dishwasher and washing machine.
- 80mm distance between outlet centers for easy installation of valves.
- With hexagonal profile on the female 1/2" threaded outlets for easier and safer tightening.
- Manufactured by forging: more solid and safe.

DIMENSIONS	CODE	UN./BOX	€/un.
16-3/8"	I.014.1638.91	25	2,48
16-1/2"	I.014.1612.91	25	2,48 TH
16-1/2"	I.014.1612.91L	25	4,94
16-3/4"	I.014.1634.91	25	4,54
20-1/2"	I.014.2012.91	25	2,73 TH
20-1/2"	I.014.2012.91L	25	5,46
20-3/4"	I.014.2034.91	25	3,67
25-3/4"	I.014.2534.91	25	5,66 TH
25-3/4"	I.014.2534.91L	25	11,30
26-3/4"	I.014.2634.91	25	5,66 TH
26-3/4"	I.014.2634.91L	25	11,30
25-1"	I.014.251.91	25	8,24
26-1"	I.014.261.91	25	8,24
32-1"	I.014.321.91	25	15,27 TH
32-1"	I.014.321.91L	25	30,53
32-1 1/4"	I.014.32114.91	25	19,39

SWIVEL FEMALE FITTING

Codes finished in L: longer version



DIMENSIONS	CODE	UN./BOX	€/un.
PEX/MULTI 16-Cu 15	I.017.1615.91	25	4,54
PEX/MULTI 20-Cu 16	I.017.2016.91	25	5,72
PEX/MULTI 20-Cu 18	I.017.2018.91	25	5,15
PEX/MULTI 25-Cu 22	I.017.2522.91	25	6,49

ELBOW PEX/MULTILAYER-COPPER



NEW

~~TH~~: Can't be pressed with TH.

Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

DIMENSIONS	CODE	UN./BOX	€/un.
PEX/MULTI 16-Cu 15	I.027.1615.91	25	3,76
PEX/MULTI 16-Cu 16	I.027.1616.91	25	3,92
PEX/MULTI 20-Cu 16	I.027.2016.91	25	4,33
PEX/MULTI 20-Cu 18	I.027.2018.91	25	4,30
PEX/MULTI 20-Cu 20	I.027.2020.91	25	4,88
PEX/MULTI 20-Cu 22	I.027.2022.91	25	6,15
PEX/MULTI 25-Cu 22	I.027.2522.91	25	10,02
PEX/MULTI 26-Cu 22	I.027.2622.91	25	10,02

UNION PEX/MULTILAYER-COPPER



DIMENSIONS	CODE	UN./BOX	€/un.
PEX/MULTI 16-Cu 15 longitud Cu: 250mm	I.039.1615250.91N	-	28,03

NICKEL-PLATED COPPER TUBE



DIMENSIONS	CODE	UN./BOX	€/un.
16	I.028.16.91	25	2,95
20	I.028.20.91	25	3,87



TAP

DIMENSIONS	CODE	€/un.
16	O10.16.91	1,05
20	O10.20.91	1,39
25	O10.25.91	2,02
26	O10.26.91	2,02
32	O10.32.91	3,35

STAINLESS STEEL SLEEVE



The rings are sold by unit.

DIMENSIONS	CODE	€/un.
16	O20.16.91	0,26
20	O20.20.91	0,26
25	O20.25.91	0,34

DIMENSIONS	CODE	€/un.
26	O20.26.91	0,34
32	O20.32.91	0,44

PLASTIC SLEEVE HOLDER

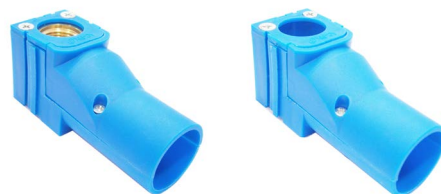


DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.030.1612.91	25	9,83
20-1/2"	I.030.2012.91	25	10,09

EXTRACTABLE ELBOW

BOX AND SCREWS FOR EXTRACTABLE ELBOW

SINGLE	O31.0012.91	1	*
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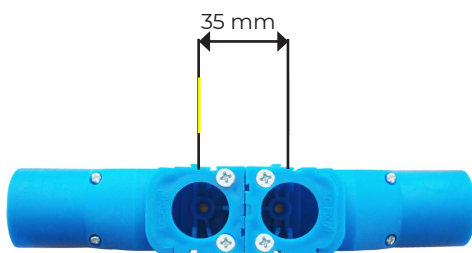


(*) Price on request.

Note: The fittings are sold and delivered with the corresponding sleeves and in individual packing.

DESIGN OF THE BOXES OF THE EXTRACTABLE ELBOWS

- Each side of the box has grooves that allow to assemble one box with another.
- The boxes can be assembled in these two positions:



- The distance between both centres is 35mm (see picture).

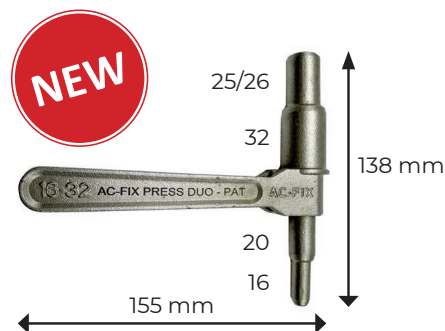
- The boxes can be screwed on our fixing plates. The centers of the outlets are then approximately 150 mm. (adjust with eccentrics).



DIMENSIONS	CODE	€/un.
16-32	100.0005.91	139,51

PIPE EXPANDER 16-32 PRESS DUO FOR MULTILAYER

- Easy, one-handed operation.
- **NEW DESIGN**, easier to insert into the tube effortlessly and with reinforce spring.



DIMENSIONS	CODE	€/un.
16-20-25/26	100.0005.54	351,94

SET EXPANDER 16-20-25/26 PRESS DUO FOR MULTILAYER

- Includes expansion heads 16, 20, 25/26 mm and lubricant grease for the heads.
- Controlled expansion (self-limited).



DIMENSIONS	CODE	€/un.
32 mm	100.0005.5432	71,71

EXPANSION HEAD PRESS DUO FOR MULTILAYER



PRESS FITTING VALVES FOR PEX AND MULTILAYER PIPES

- All valves are sold and delivered with the corresponding sleeves and in individual packing.
- The stems have an estriated shape compatible with handles of other manufacturers.
- 100% of production is checked at the factory.
- Approved as entrance valves to housing, toilets or bathrooms according to CTE.

NEW

- Valves with codes starting with I.042, I.043, I.42U and I.043U are available with M20 thread on the body to be fixed to PLADUR® type partition walls with the washer + nut kit (see common components for valves). If the valves are required with M20 thread, please indicate this when ordering.

BALL VALVES

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.042.16.91M	14,58
20x1,9 / 2,0	I.042.20.91M	15,49
25x2,3 / 2,5	I.042.25.91M	18,35

WITHOUT KNOB



DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.042.16.91	23,24
20x1,9 / 2,0	I.042.20.91	24,14
25x2,3 / 2,5	I.042.25.91	26,99

WITH LEVER KNOB I.048-C



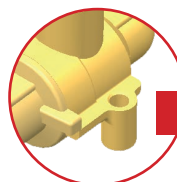
DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.043.16.91	22,78
20x1,9 / 2,0	I.043.20.91	23,70
25x2,3 / 2,5	I.043.25.91	26,55

WITH CONCEALED LOCKSHIELD KNOB I.048-D



U BALL VALVES COMPACT

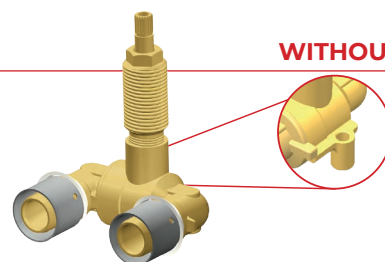
- Ultra compact construction with reduced distance between outlet centers (48 mm in DN 16 and 20; 58 mm in DN 25).
- Body built with only two pieces.



WITH FIXING EAR

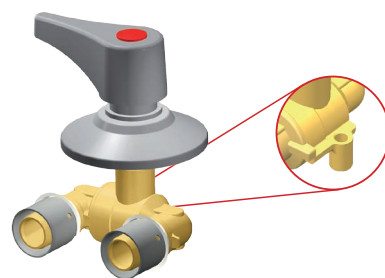
DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.42U.16.91M	22,64
20x1,9 / 2,0	I.42U.20.91M	24,06
25x2,3 / 2,5	I.42U.25.91M	31,00

WITHOUT KNOB



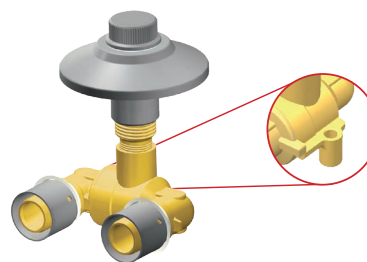
DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.42U.16.91	31,44
20x1,9 / 2,0	I.42U.20.91	32,88
25x2,3 / 2,5	I.42U.25.91	39,84

WITH LEVER KNOB I.048-C



DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.43U.16.91	31,00
20x1,9 / 2,0	I.43U.20.91	32,44
25x2,3 / 2,5	I.43U.25.91	39,39

WITH CONCEALED LOCKSHIELD KNOB I.048-D



SHUT OFF BALL VALVES U



DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.046.16.91M	20,37
20x1,9 / 2,0	I.046.20.91M	21,67
25x2,3 / 2,5	I.046.25.91M	27,91

WITHOUT KNOB



WITH LEVER KNOB I.048-C

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.046.16.91	28,30
20x1,9 / 2,0	I.046.20.91	29,60
25x2,3 / 2,5	I.046.25.91	35,85



WITH CONCEALED LOCKSHIELD KNOB I.048-D

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.047.16.91	27,89
20x1,9 / 2,0	I.047.20.91	29,19
25x2,3 / 2,5	I.047.25.91	35,44

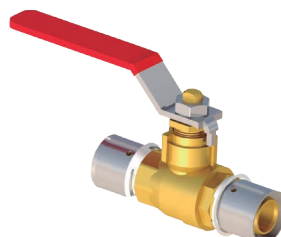


SHUT OFF BALL VALVES WITH LEVER

- Shut off ball valve with lever, full bore; brass construction according to UNE-EN 12165; PTFE seats.

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.L42.16.91	11,95
20x1,9 / 2,0	I.L42.20.91	12,94
25x2,3 / 2,5	I.L42.25.91	14,86
32x2,9 / 3,0	I.L42.32.91	26,76

WITH LEVER



SOLETA (SEAT) REGULATING VALVES

Soleta (seat) regulating valves are designed and guaranteed for use in hot and cold water installations:

- as shut-off valves at the entrance of the house or
- as shut-off valves at the entrance to toilets or bathrooms.

They are approved for such uses according to the Technical Building Code (CTE, HS 4, 6.2.3.)

ADVANTAGES

- Avoid water hammer. Progressive multi-turn closure that protects the installation from unnecessary blows.
- Easy regulation and closing by soleta mechanism, without blocking.
- Possibility of replacement of the internal mechanism (mount) for repair without the need total valve change.
- Possibility of recessing deeper with shaft length extensions.

TRIANGULAR KNOB VALVES

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.040.16.91M	17,68
20x1,9 / 2,0	I.040.20.91M	19,06
25x2,3 / 2,5	I.040.25.91M	26,19

WITHOUT KNOB



DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.040.16.91	22,29
20x1,9 / 2,0	I.040.20.91	23,67
25x2,3 / 2,5	I.040.25.91	30,79

WITH KNOB I.048-A



CONCEALED LOCKSHIELD VALVES

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.041.16.91M	19,45
20x1,9 / 2,0	I.041.20.91M	20,82
25x2,3 / 2,5	I.041.25.91M	27,96

WITHOUT KNOB



DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.041.16.91	22,59
20x1,9 / 2,0	I.041.20.91	23,98
25x2,3 / 2,5	I.041.25.91	31,10

WITH KNOB I.048-B



U COMPACT VALVES

The Compact U valves, with soleta (seat) mechanism, are designed and guaranteed for use in hot and cold water installations:

- as shut-off valves at the entrance of the house or
- as shut-off valves at the entrance to toilets or bathrooms.

They are approved for such uses according to the Technical Building Code (CTE, HS 4, 6.2.3.)

ADVANTAGES

- All models can be fixed to the fixing plate, with variable positions and distances.
- Avoid water hammer. Progressive multi-turn closure that protects the installation from unnecessary blows.
- Easy regulation and closing by soleta mechanism, without blocking.
- Possibility of replacement of the internal mechanism (mount) for repair without the need total valve change.
- Possibility of recessing deeper with shaft length extensions.

FIXING**TRIANGULAR KNOB VALVES**

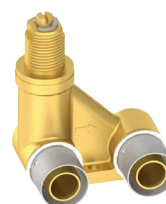
DIMENSIONS PIPE	CODE	€/un.
20x1,9 / 2,0	I.40U.20.91M	28,11
25x2,3 / 2,5	I.40U.25.91M	47,39

WITHOUT KNOB

DIMENSIONS PIPE	CODE	€/un.
20x1,9 / 2,0	I.40U.20.91	32,70
25x2,3 / 2,5	I.40U.25.91	52,00

WITH KNOB I.048-A**CONCEALED LOCKSHIELD VALVES**

DIMENSIONS PIPE	CODE	€/un.
20x1,9 / 2,0	I.41U.20.91M	28,11
25x2,3 / 2,5	I.41U.25.91M	45,97

WITHOUT KNOB

DIMENSIONS PIPE	CODE	€/un.
20x1,9 / 2,0	I.41U.20.91	31,25
25x2,3 / 2,5	I.41U.25.91	49,12

WITH KNOB I.048-D



U SOLETA (SEAT) REGULATING VALVES

Characteristics:

- Easy regulation and closure.
- Ease of replacement of the internal mechanism for repair without the need for a total change of the valve.

TRIANGULAR KNOB U VALVES

WITHOUT KNOB

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.044.16.91M	24,32
20x1,9 / 2,0	I.044.20.91M	25,43
25x2,3 / 2,5	I.044.25.91M	39,71



WITH KNOB I.048-A

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.044.16.91	28,93
20x1,9 / 2,0	I.044.20.91	30,05
25x2,3 / 2,5	I.044.25.91	44,32



CONCEALED LOCKSHIELD REGULATION U VALVES

WITHOUT KNOB

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.045.16.91M	24,39
20x1,9 / 2,0	I.045.20.91M	25,22
25x2,3 / 2,5	I.045.25.91M	39,58



WITH KNOB I.048-B

DIMENSIONS PIPE	CODE	€/un.
16x1,8 / 2,0	I.045.16.91	27,54
20x1,9 / 2,0	I.045.20.91	28,37
25x2,3 / 2,5	I.045.25.91	42,74



COMMON COMPONENTS FOR VALVES

KNOBS FOR SOLETA REGULATING VALVES

TRIANGULAR KNOB WITH TWO INDICATORS (RED AND BLUE)

CODE	€/un.	
I.048-A	4,61	POMO ABS
I.048-AM	6,17	POMO METAL

NEW



CONCEALED LOCKSHIELD

CODE	€/un.
I.048-B	3,16



KNOBS FOR BALL SHUT-OFF VALVES

LEVER KNOB WITH TWO INDICATORS (RED AND BLUE)

CODE
I.048-C
€/un.
8,65



CONCEALED LOCKSHIELD

CODE
I.048-D
€/un.
8,20



BRASS WASHER KIT + BRASS NUT FOR MOUNTING IN PLADUR® TYPE PARTITIONS

CODE	€/un.
I.049.ATP	6,12



NEW

COMPLEMENTS FOR SOLETA AND BALL VALVES

EXTENSION + SCREW

CODE	€/un.
I.049.15	1,84
Increase in shaft length = 15 mm	
I.049.25	2,91
Increase in shaft length = 25 mm	



SHAFT EXTENSION

CODE	€/un.
I.049-25P	6,45



Increase in shaft length = 25 mm

Use in combination with extension + 25 mm screw.

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