

PRESS-MULTI SYSTEM FOR MULTILAYER PIPES

AC-FIX 💋

PRESS FITTINGS FOR MULTILAYER PIIPES

The fittings AC-FIX PRESS-MULTI are made of brass for machining CuZn39Pb3 (CW614N) and brass for forging CuZn40Pb2 (CW617N). The sleeve is made of stainless steel. The body surface of the fitting is nickel (Ni) plated.

The fittings AC-FIX PRESS-MULTI are manufactured according to UNE-EN-1254-1/3:1999 and to UNE-EN-ISO 21003:2008, the manufacturing system is certified ISO: 9001 by DQS of Germany (IQNet).

They are compatible with multilayer pipes with the following sizes and tolerances:

Ø ext. x Wall thickness (mm)	Ø ext. x Wall thickness (mm)
16 x 2	40 x 4
18 x 2	50 x 4.5
20 x 2	50 X 4,5
25 x 2,5	63 x 6
32 x 3	

The pipes must be manufactured according UNE-EN- ISO 21003.

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

- Fittings DN 16-32 are designed specifically for pressing with jaws U, H, RF y RFz.
- Fittings DN 40, 50 and 63 are designed specifically for pressing with jaws U.

• Our O-Rings are manufactured according to DVGW-W534. This German standard issued by DVGW applies in particular to the seals (O-Rings) which are intended to be used in press fittings and in contact with hot water. It includes a compression set test in water of 3000h at 110°C with a value survey every 1000h. This test has the intention of evaluating the material behaviour over quite a significant period of time. The maximum compression set value of our O-Rings is below 40% and therefore they are highly resistant.

• 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. This pastic part avoids the contact between the aluminium of the pipe and the brass of the fitting (dielectric protection).

• All the threaded parts have an hexagonal design so they can be tightly held with a spanner when assembling male and female threads.

• These fittings absorb safely the variations of the sizes of the plastic pipes that may happen due to the manufacturing tolerances of the pipes or to the differences of temperature of the transported fluids.

• These fittings have a high resistance to corrosion (internal and external).

• Safety of the assembly: the fitting has two O-Rings. It is necessary to calibrate and chamfer the pipe before inserting the fitting into, in order not to damage the O-Rings. Once the assembly is finished, the sealing achieved is permanent. The fittings can be pressurized immediately after being assembled.

TOOLS

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



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. We recommend that the tightening torque of the threaded parts does not exceed 30 Nm.

PRESURE TEST

The finished installation with the pipes at sight (before being hidden by masonry, filler o 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 Multilayer pipes in the following applications as they are defined in the norm ISO 21003:2008:

Application class	Design Temperature (TD) ⁰C	Time at TD (Years)	Tmax ⁰C	Time at Tmax (Years)	Tmal ⁰C	Time atTmal (hours)	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 Follow 40 Follow 60	20	70	2,5	100	100	Floor heating and low temperature radiators
5	20 Follow 60 Follow 80	25	90	1	100	100	High temperature radiators

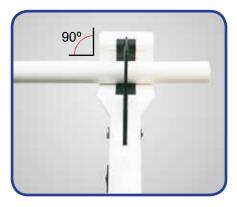
TD: Design Temperature Tmax: Maximal Temperature Tmal: Malfunction Temperature

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

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



ASSEMBLY STEPS DN 16 AT 32



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



2. It is necessary to calibrate and chamfer the pipe inside in order not to damage the O-Rings of the fittings. The AC-FIX chamfering tool chamfers and calibrates the pipe.



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



4. Place the side of the jaw beside the plastic ring and press.

Important:

The fittings AC-FIX PRESS-MULTI can be pressed with jaws or inserts type U, H, RF and RFz. For pressing with jaws or inserts type TH, contact our technical department.



PRESS FITTINGS FOR MULTILAYER DN 16 TO 32

DIMENSIONS	CODE	UN./BOX	€/un.
16-3/8"	I.014.1638.38N	25	3,71
16-1/2"	I.014.1612.38N	25	3,94
16-3/4"	I.014.1634.38N	25	3,77
18-1/2"	I.014.1812.38N	25	4,23
20-1/2"	I.014.2012.38N	25	4,41
20-3/4"	I.014.2034.38N	25	5,34
25-3/4"	I.014.2534.38N	25	6,90
25-1"	I.014.251.38N	25	9,40
32-1"	I.014.321.38N	10	10,86
32-1 1/4"	I.014.32114.38N	10	16,20

	DIMENSIONS	CODE	UN./BOX	€/un.
	16-3/8"	I.002.1638.38N	25	2,75
	16-1/2"	I.002.1612.38N	25	2,89
	16-3/4"	I.002.1634.38N	25	4,23
	18-1/2"	I.002.1812.38N	25	3,06
	18-3/4"	I.002.1834.38N	25	4,45
	20-1/2"	I.002.2012.38N	25	3,29
and the second second	20-3/4"	I.002.2034.38N	25	4,59
W	20-1"	I.002.201.38N	25	6,72
mark	25-1/2"	I.002.2512.38N	25	4,75
	25-3/4"	I.002.2534.38N	25	5,54
	25-1"	I.002.251.38N	25	7,31
	32-1"	I.002.321.38N	10	7,67

	DIMENSIONS	CODE	UN./BOX	€/un.
	16-3/8"	I.001.1638.38N	25	3,13
	16-1/2"	I.001.1612.38N	25	3,29
	18-1/2"	I.001.1812.38N	25	3,45
	20-1/2"	I.001.2012.38N	25	3,70
	20-3/4"	I.001.2034.38N	25	4,35
NEW	20-1"	I.001.201.38N	25	6,72
Manna and State	25-3/4"	I.001.2534.38N	25	5,99
	25-1"	I.001.251.38N	25	7,06
	32-1"	I.001.321.38N	10	7,99

DIMENSIONS	CODE	UN./BOX	€/un.
16	I.006.1616.38N	25	2,53
18	I.006.1818.38N	25	2,93
20	I.006.2020.38N	25	3,45
25	I.006.2525.38N	25	6,46
32	I.006.3232.38N	25	8,65

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



SWIVEL FEMALE FITTING

FIXED FITTING MALE





FIXED FITTING FEMALE

EQUAL UNION





DIMENSIONS	CODE	UN./BOX	€/un.
18-16	I.006.1816.38N	25	2,74
20-16	I.006.2016.38N	25	3,10
20-18	I.006.2018.38N	25	3,29
25-16	I.006.2516.38N	25	4,72
25-20	I.006.2520.38N	25	5,13
32-20	I.006.3220.38N	10	7,04
32-25	I.006.3225.38N	10	7,82

DIMENSIONS	CODE	UN./BOX	€/un.
16	I.009.1616.38N	25	3,02
18	I.009.1818.38N	25	3,93
20	I.009.2020.38N	25	4,39
25	1.009.2525.38N	25	8,03
32	I.009.3232.38N	10	11,43

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.008.1612.38N	25	4,30
18-1/2"	I.008.1812.38N	25	4,57
20-1/2"	I.008.2012.38N	25	4,62
20-3/4"	I.008.2034.38N	25	5,40
25-3/4"	I.008.2534.38N	25	7,40
32-1"	I.008.321.38N	10	11,28

	DIMENSIONS	CODE	UN./BOX	€/un.
	16-1/2"	I.012.1612.38N	25	4,23
	18-1/2"	I.012.1812.38N	25	4,39
	20-1/2"	I.012.2012.38N	25	5,08
	20-3/4"	I.012.2034.38N	25	6,04
	25-3/4"	I.012.2534.38N	25	7,42
NEW	25-1"	I.012.251.38N	25	11,21
Manager and States	32-1"	I.012.321.38N	10	11,47

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.007.1612.38N	25	6,63
18-1/2"	I.007.1812.38N	25	6,90
20-1/2"	I.007.2012.38N	25	7,45
20-3/4"	I.007.2034.38N	25	9,52
25-3/4"	I.007.2534.38N	25	11,76

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



ELBOW

REDUCING UNION





END MALE ELBOW

END FEMALE ELBOW



ELBOW WITH FIXING BASE





NEW

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.011.1612.38N	25	8,37
18-1/2"	I.011.1812.38N	25	8,65
20-1/2"	I.011.2012.38N	25	9,49

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.015.1612.38N	25	13,92
20-1/2"	I.015.2012.38N	25	15,04
20-3/4"	I.015.2034.38N	25	20,00
25-3/4"	I.015.2534.38N	25	21,76

DIMENSIONS	CODE	UN./BOX	€/un.
16	I.005.161616.38N	25	4,59
18	I.005.181818.38N	25	5,36
20	I.005.202020.38N	25	6,26
25	I.005.252525.38N	25	11,49
32	I.005.323232.38N	10	16,15

DIMENSIONS	CODE	UN./BOX	€/un.
16-20-16	I.005.162016.38N	25	5,11
16-25-16	I.005.162516.38N	25	8,29
18-16-16	I.005.181616.38N	25	5,13
18-16-18	I.005.181618.38N	25	5,13
18-18-16	I.005.181816.38N	25	5,13
20-16-16	I.005.201616.38N	25	5,02
20-16-20	I.005.201620.38N	25	5,02
20-18-18	I.005.201818.38N	25	5,90
20-18-20	I.005.201820.38N	25	5,90
20-20-16	I.005.202016.38N	25	5,69
20-25-20	1.005.202520.38N	25	8,86
25-16-16	I.005.251616.38N	25	6,84
25-16-20	I.005.251620.38N	25	7,67
25-16-25	I.005.251625.38N	25	8,95
25-18-25	I.005.251825.38N	25	9,32
25-20-16	I.005.252016.38N	25	7,32
25-20-20	1.005.252020.38N	25	7,82
25-20-25	I.005.252025.38N	25	9,55
25-25-16	I.005.252516.38N	25	11,22
25-25-20	1.005.252520.38N	25	11,37
32-20-32	1.005.322032.38N	25	12,67
32-25-25	1.005.322525.38N	25	13,73
32-25-32	I.005.322532.38N	25	14,50
32-32-25	I.005.323225.38N	25	14,73

Second Second

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

AC-FIX 💋



HIGH ELBOW WITH FIXING BASE

END FEMALE SWIVEL ELBOW





REDUCED T

EQUAL T

DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.004.1612.38N	25	9,20
20-1/2"	I.004.2012.38N	25	10,36
25-1/2"	I.004.2512.38N	25	13,51
25-3/4"	1.004.2534.38N	25	15,07

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MALE END T



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DIMENSIONS	CODE	UN./BOX	€/un.
16-1/2"	I.003.1612.38N	25	6,05
18-1/2"	I.003.1812.38N	25	6,23
20-1/2"	I.003.2012.38N	25	6,86
25-1/2"	I.003.2512.38N	25	11,01
25-3/4"	I.003.2534.38N	25	12,55
32-3/4"	I.003.3234.38N	10	13,55
32-1"	I.003.321.38N	10	15,24

DIMENSIONS	CODE	UN./BOX	€/un.
20-20-16-16	I.016.20201616.38N	15	12,03
25-20-16-16	I.016.25201616.38N	15	12,25
25-20-20-20	I.016.25202020.38N	15	12,61
20-16-20-16	I.016.20162016.38N	15	12,03

3 WAYOUT	MANIFOLD
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4 WAYOUT MANIFOLD



DIMENSIONS	CODE	UN./BOX	€/un.
25-20-16-16-16	I.016.2520161616.38N	15	24,12
20-20-16-16-16	I.016.2020161616.38N	15	23,28



ELBOW	MULTI	AYER	PIPE-	COPPER
LEDON				



DIMENSIONS	CODE	UN./BOX	€/un.
16-Cu 15	I.017.1615.38N	25	3,72
20-Cu 18	I.017.2018.38N	25	5,07

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



DIMENSIONS	CODE	UN./BOX	€/un.
16-Cu 15	I.027.1615.38N	25	2,09
16-Cu 16	I.027.1616.38N	25	2,65
20-Cu 18	I.027.2018.38N	25	3,08

UNION MULTILAYER PIPE-COP	PER
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ELBOW RADIATOR CONNECTION

DIMENSIONS	CODE	UN./BOX	€/un.
16-Cu 15	I.039.1615130.38N	20	21,50
18-Cu 15	I.039.1815130.38N	20	21,50

With nickel-plated copper tube Cu O.D. 15 mm / L 300 mm

DIMENSIONS	CODE	UN./BOX	€/un.
16-Cu 15	I.035.1615130.38N	20	22,98
18-Cu 15	I.035.1815130.38N	20	22,98
20-Cu 15	I.035.2015130.38N	20	22,98

With nickel-plated copper tube Cu O.D. 15 mm / L 300mm

DIMENSIONS	CODE	UN./BOX	€/un.	
16	I.028.16.38	25	2,56	
20	1.028.20.38	25	3,35	

DIMENSIONS	CODE	€/un.
16	010.16.38	0,98
18	010.18.38	1,26
20	010.20.38	1,30
25	010.25.38	1,89
32	010.32.38	3,10

The rings are sold by unit.

DIMENSIONS	CODE	€/un.
16	020.16.38	0,22
18	020.18.38	0,22
20	020.20.38	0,22
25	020.25.38	0,30
32	020.32.38	0,37

T RADIATOR CONNECTION





PLASTIC SLEEVE HOLDER





SLEEVE

PRESS FITTING VALVES FOR MULTILAYER PIPES

- All valves are sold and delivered with the orresponding 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
- They 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.).

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.

DIMENSIONS PIPE	CODE	€/un.
16x2	I.42U.16.38M	23,31
20x2	I.42U.20.38M	24,76
25x2,5	I.42U.25.38M	29,89

DIMENSIONS PIPE	CODE	€/un.
16x2	I.42U.16.38	30,79
20x2	I.42U.20.38	32,24
25x2,5	I.42U.25.38	37,37



WITH FIXING EAR



WITHOUT KNOB

WITH LEVER KNOB I.048-C



WITH CONCEALED LOCKSHIELD KNOB I.048-D



DIMENSIONS PIPE	CODE	€/un.
16x2	I.43U.16.38	30,39
20x2	I.43U.20.38	31,84
25x2,5	I.43U.25.38	36,98



BALL VALVES

DIMENSIONS PIPE	CODE	€/un.	WITHOUT KNO
16x2	I.042.16.38M	16,35	
18x2	I.042.18.38M	17,70	4
20x2	1.042.20.38M	17,38	
25x2,5	1.042.25.38M	22,74	

WITH LEVER KNOB I.048-C



DIMENSIONS PIPE	CODE	€/un.
16x2	I.042.16.38	23,83
18x2	I.042.18.38	25,18
20x2	1.042.20.38	24,86
25x2,5	1.042.25.38	30,23

DIMENSIONS PIPE	CODE	€/un.
16x2	I.043.16.38	23,44
18x2	I.043.18.38	24,79
20x2	1.043.20.38	24,46
25x2,5	1.043.25.38	29,83



WITHOUT KNOB

WITH CONCEALED LOCKSHIELD KNOB I.048-D

SHUT OFF BALL VALVES U

DIMENSIONS PIPE	CODE	€/un.
16x2	I.046.16.38M	20,98
20x2	I.046.20.38M	22,28
25x2,5	I.046.25.38M	26,90

WITH LEVER KNOB I.048-C

DIMENSIONS PIPE	CODE	€/un.	
16x2	I.046.16.38	28,46	
20x2	1.046.20.38	29,76	0
25x2,5	1.046.25.38	34,38	•

WITH CONCEALED LOCKSHIELD KNOB I.048-D

NEW

DIMENSIONS PIPE	CODE	€/un.	-
16x2	1.047.16.38	28,07	H
20x2	1.047.20.38	29,37	6
25x2,5	1.047.25.38	33,99	0

SHUT OFF BALL VALVES WITH LEVER



DIMENSIONS PIPE	CODE	€/un.		WITH LEVER
16x2	I.L42.16.38N	10,76	e.	
20x2	I.L42.20.38N	11,66		
25x2,5	I.L42.25.38N	13,36		
32x3	I.L42.32.38N	24,13		



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 bathroom.
- 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.
16x2	I.040.16.38M	18,94
18x2	I.040.18.38M	18,94
20x2	I.040.20.38M	18,65
25x2,5	I.040.25.38M	26,72

DIMENSIONS PIPE	CODE	€/un.
16x2	I.040.16.38	22,92
18x2	1.040.18.38	22,92
20x2	1.040.20.38	22,63
25x2,5	1.040.25.38	30,71

CONCEALED LOCKSHIELD VALVES

DIMENSIONS PIPE	CODE	€/un.
16x2	I.041.16.38M	18,35
18x2	I.041.18.38M	18,35
20x2	I.041.20.38M	18,07
25x2,5	I.041.25.38M	26,13

DIMENSIONS PIPE	CODE	€/un.
16x2	I.041.16.38	21,08
18x2	I.041.18.38	21,08
20x2	I.041.20.38	20,81
25x2,5	I.041.25.38	28,86

WITHOUT KNOB



WITH KNOB I.048-A







WITH KNOB I.048-B





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.	
16x2	I.044.16.38M	24,17	
20x2	I.044.20.38M	25,89	
25x2,5	I.044.25.38M	38,35	1



WITH KNOB I.048-A

DIMENSIONS PIPE	CODE	€/un.
16x2	1.044.16.38	28,16
20x2	1.044.20.38	29,88
25x2,5	1.044.25.38	42,33



CONCEALED LOCKSHIELD REGULATION U VALVES

WITHOUT KNOB

DIMENSIONS PIPE	CODE	€/un.	
16x2	I.045.16.38M	23,45	
20x2	I.045.20.38M	25,10	0
25x2,5	I.045.25.38M	37,20	



WITH KNOB I.048-B

DIMENSIONS PIPE	CODE	€/un.	4
16x2	1.045.16.38	26,18	STIL
20x2	1.045.20.38	27,83	0
25x2,5	1.045.25.38	39,93	



COMMON COMPONENTS FOR VALVES

KNOBS FOR SOLETA REGULATON VALVES

TRIANGULAR KNOB WIITH TWO INDICATORS (RED AND BLUE)

	CODE	€/un.		M
	I.048-A	3,99	ABS KNOB	
NEW	I.048-AM	5,34	METAL KNOB	

KNOBS FOR BALL SHUT-OFF VALVES

LEVER NOB WITH TWO INDICATORS (RED AND BLUE)

CODE	€/un.	
I.048-C	7,48	aid

CONCEALED LOCKSHIELD

CODE	€/un.	
I.048-B	2,73	- The

CONCEALED LOCKSHIELD

CODE	€/un.	AN AN
I.048-D	7,09	nit

COMPLEMENTS FOR SOLETA AND BALL VALVES

EXTENSION + SCREW

CODE	€/un.	
I.049.15	1,59	

Increase in shaft length = 15 mm

1.049.25 2,52

Increase in shaft length = 25 mm

SHAFT EXTE	NSION
CODE	€/un.
I.049-25P	5,58

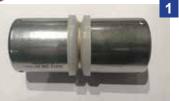
Increase in shaft length = 25 mm

Use in combination with extension + 25 mm screw.





ASSEMBLY STEPS DN 40, 50 AND 63



When you unpack the bag, you will see the position of the fitting is like the picture. Check holes are on the outer end of the stainless steel sleeve.



When you use the fitting, first pull out and turn down the sleeves like the picture, making sure that when pulling the sleeve, the plastic ring does not detach from the body of the fitting.



The pipe must be well cut, perpendicularly to its axis. Then, use the reamer to chamfer the pipe.



Put the sleeve on the pipe and make sure the check hole is at the end of pipe.



Then, insert the fitting body into the pipe with sleeve. Insert it carefully and check visually that the O-Rings are not damaged.

Please make sure the pipe is inserted to the end of the sleeve so you can see the pipe through the check holes



Make sure you can see the pipe through the check holes and make sure it is inserted to the end of the fitting body.



Press with U type jaws or rings. Place the side of the jaw beside the plastic ring and press. The plastic ring should not be pressed.



PRESS FITTINGS FOR MULTILAYER PIPES DN 40, 50 AND 63



DIMENSIONS	CODE	UN./BAG	€/un.
40-1 1/4"	I.002.40114.39	1	17,71
50-1 1/2"	I.002.50112.39	1	22,45
63-2"	1.002.632.39	1	38,94



EQUAL UNION

REDUCING UNION

FIXED FITTING MALE



DIMENSIONS	CODE	UN./BAG	€/un.
40-1 1/4"	I.001.40114.39	1	19,44
50-1 1/2"	I.001.50112.39	1	20,66
63-2"	I.001.632.39	1	32,81

DIMENSIONS	CODE	UN./BAG	€/un.	
40	I.006.4040.39	1	18,23	
50	1.006.5050.39	1	24,94	
63	1.006.6363.39	1	48,67	

and a	100

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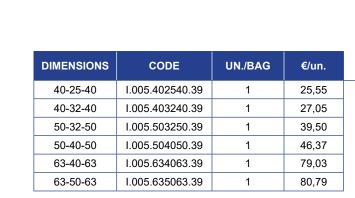
DIMENSIONS	CODE	UN./BAG	€/un.
40-25	1.006.4025.39	1	18,65
40-32	1.006.4032.39	1	15,55
50-32	1.006.5032.39	1	24,62
50-40	1.006.5040.39	1	24,62
63-50	1.006.6350.39	1	43,80
	40-25 40-32 50-32 50-40	40-25 1.006.4025.39 40-32 1.006.4032.39 50-32 1.006.5032.39 50-40 1.006.5040.39	40-25 1.006.4025.39 1 40-32 1.006.4032.39 1 50-32 1.006.5032.39 1 50-40 1.006.5040.39 1

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



DIMENSIONS	CODE	UN./BAG	€/un.	ELBOW
40	1.009.4040.39	1	26,22	6
50	1.009.5050.39	1	43,22	
63	1.009.6363.39	1	66,18	
DIMENSIONS	CODE	UN./BAG	€/un.	END FEMALE ELBOW
40-1 1/4"	1.008.40114.39	1	30,27	NEW
50-1 1/2"	1.008.50112.39	1	41,00	

DIMEN	ISIONS	CODE	UN./BAG	€/un.
4	0	1.005.404040.39	1	37,73
5	60	1.005.505050.39	1	55,32
6	3	1.005.636363.39	1	88,10



DIMENSIONS	CODE	UN./BAG	€/un.
40-1 1/4"-40	I.003.40114.39	1	36,13
50-1 1/2"-50	1.003.50112.39	1	46,68

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



REDUCED T

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FEMALE END T



