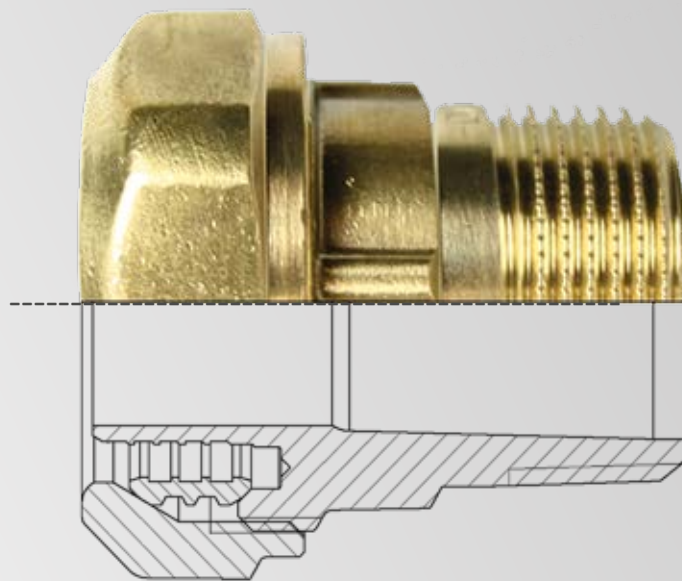




The Connector.

With fixed insert pipe.



■ made
■ in
■ Germany

A1

PIPES ARE

NOT ENDLESS.

The Connector - A1

With fixed insert pipe for drinking water, water, gas, heating and district heating

Our all-round connector is always the best choice for water, gas, heating and district heating lines. The connectors are made of lead-free brass (according to drinking water regulations) and thus are ideal for the use in drinking water systems.

Dimensions:

- for PE-pipes \varnothing 16 mm to \varnothing 75 mm

Kind of pipes:

- PE 80, PE 100
- PE-Xa, PE-Xc
- PE-RC
- PE-RT
- PP

Nominal pressure:

see table on page 5

Applications:

- Cold and hot water up to 95 °C
- Gas up to 4 bar
- Heating/ district heating
- Water with glycol

Approval:

- | | | |
|---|---------------|---------------|
| • ISO 17885 | DN 16 - DN 50 | Cold water |
| • DVGW GW335-B4 | DN 16 - DN 50 | Cold water |
| • SVGW ZW157 01/17,
GW/TPG-TW 101 (10/04)
following DIN 8076 (2013) | DN 16 - DN 50 | Cold water |
| • DVGW W534 | DN 12 - DN 40 | Hot water |
| • DVGW G5600-1 | DN 25 - DN 50 | Gas |
| • ACS /13 ACC LY 190 | | Hygiene water |



You can find the latest certificates here:

www.beulco.de/Zertifikate

Material

Our connectors are made of thermally unstressed brass and Ecobrass. Ecobrass is a lead-free alloy, qualified for the use in drinking water installations according to the European Drinking Water Directive 98/83/EC. The reliable brass is characterized by dezincification resistance and high durability.

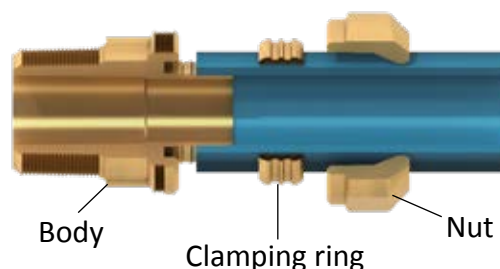
Please note: Our connectors for other applications than drinking water are made of a different alloy (CW602).

Sealing

No long-term damages due to leaking or porous seals, because the sealing function is given by the insert pipe. Thus, no additional seals are needed. The tested and refined clamping mechanism with fixed insert pipe guarantees a long term tight connection. The sealing function does not depend on the quality of the pipe surface, so damages on the pipe surface have no influence on tightness.

Construction

The connector consists of only three components, thus it enables a quick and simple installation without any special tool. The fixed insert pipe ensures an optimal form of the PE pipe and stabilizes the pipe inwards, so the insert pipe holds up internal pressure. Even by negative pressure, PE pipes do not deform with our connectors.



The Flange Connector - A1

With loose insert pipe for drinking water and water.

Our flange connectors are optimal for higher dimensions. They have an additional seal and a loose insert pipe. With our flange connectors for the application in water systems you are always on the safe side.

Dimensions:

- for PE pipes \varnothing 63 mm up to \varnothing 110 mm

Kind of pipes:

- PE 80, PE 100
- PE-Xa, PE-Xc
- PE-RC
- PE-RT

Applications:

- Drinking water
- Cold and warm water up to 40 °C
- Water with glycol

Nominal pressure:

see table on page 5

Material

Our connectors are made of thermally unstressed brass and Ecobrass. Ecobrass is a lead-free alloy, qualified for the use in drinking water areas according to the European Drinking Water Directive 98/83 EC. The reliable brass is characterized by dezincification resistance and high durability.

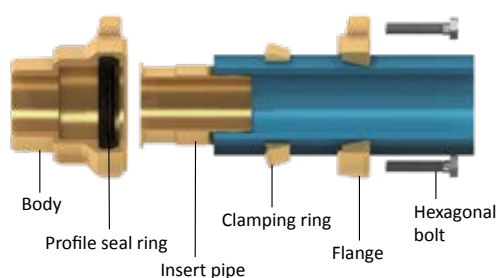
Sealing

Depending on the dimension, the sealing function is guaranteed by a profile seal ring or an o-ring seal. Thus the connector owns a separate sealing and a separate clamping function. These functions are not dependent on each other, which makes the flange connectors safe.

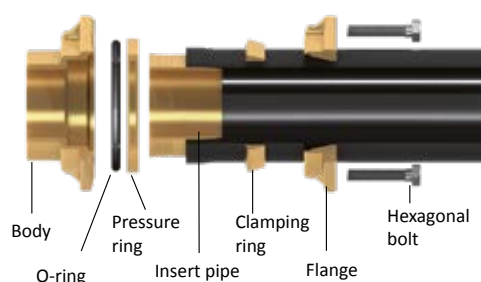
Construction

The connector consists of various components, which can be assembled quick and simple without any special tool. The fixed insert pipe ensures an optimal form of the PE Pipe and stabilizes the pipe inwards, so the insert pipe holds up internal pressure. The additional seals ensure total security.

\varnothing 63 mm and 75 mm



\varnothing 90 mm and 110 mm



The most popular pipe dimensions in an overview

acc. to DIN 8074 (08.99) – flow medium water – safety factor 1.25

acc. to DIN 16893 (09.00) – flow medium water – safety factor 1.5

acc. to DIN 8072 (07.72) – PE-LD soft – pipes

PE-HD pipes are not standardised (The norm has been taken back)

permitted operation pressure* (bar)	Type of pipe	SDR**	outer diameter x wall thickness (mm)											
			10	12	16	20	25	32	40	50	63	75	90	110
6	PE-LD (soft)		-	-	2	2,2	2,7	3,5	4,3	5,4	6,8	8,1	9,7	11,8
	PE-HD (hard)		-	-	-	1,8	1,8	1,9	2,3	2,9	3,6	4,3	5,1	6,3
10	PE-LD (soft)		2,0	2,0	2,7	3,4	4,2	5,4	6,7	8,4	10,5	12,5	15	18,4
	PE-HD (hard)		-	-	1,8	1,9	2,3	3	3,7	4,6	5,8	6,9	8,2	10
	PE 63	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE 80	13,6	-	-	-	1,8	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
	PE 100	17	-	-	-	-	1,8	1,9	2,4	3,0	3,8	4,5	5,4	6,6
	PE-X	13,6	1,3	1,3	1,3	1,5	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
12,4	PE 63	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
12,5	PE 80	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE 100	13,6	-	-	-	1,8	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
	PE-X	11	1,3	1,3	1,5	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
15,9	PE 63	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
16	PE-HD (hard)		1,8	1,8	2,3	2,8	3,5	4,5	5,6	6,9	8,7	10,4	12,5	15,2
	PE 80	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
	PE 100	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE-X	9	1,3	1,4	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
20	PE 80	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
	PE 100	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
	PE-X	7,4	1,4	1,7	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
25	PE 100	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1

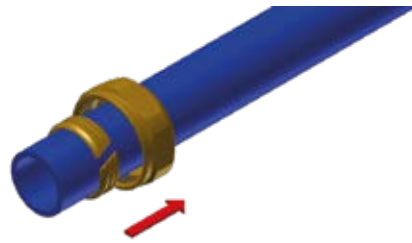
* by 20°C and 50 years of operation

** Ratio of diameter / wall thickness (standard dimension ratio)

Installation Instructions for Compression Fittings



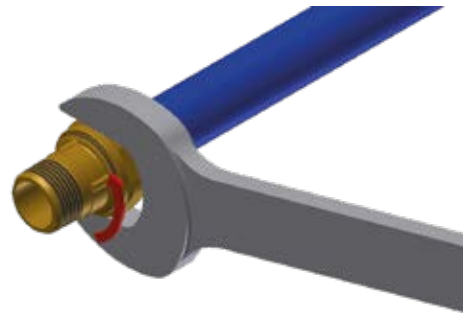
Step 1
Cut the PE pipe at right angle.



Step 2
Push nut and clamping ring onto the pipe.



Step 3
Push the pipe onto the cylindrical socket up to the end.

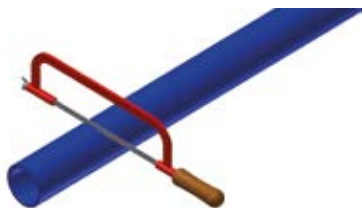


Step 4
Tighten the nut firmly.

Note:

- When applied in hot water installations please warm up the connection up to 60° - 80° after assembly and retighten the nut,
- Pre-heated pipes enable an easier installation,
- For thread connections to metal parts the permitted operation pressure is 4 bar in principle,
- Corrosion protection acc. to DIN 50929 is necessary on site in the field of buried pipelining.

Flange connector (63 mm and 75 mm)



Step 1
Cut the pipe at a right angle.



Step 2
Chamfer the pipe (the outer pipe surface has to be clean and free of grooves).



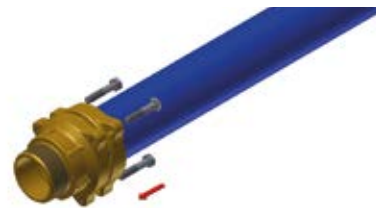
Step 3
Push flange and clamping ring onto the pipe (same sequence as shown in the picture).



Step 4
Knock in insert pipe completely.

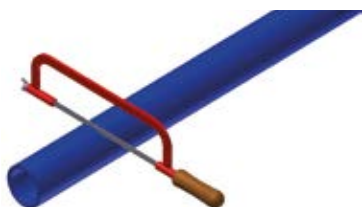


Step 5
Push the pipe into the fitting body up to the end.



Step 6
Connect flange and body positively while tightening the screws equally so that tilting is avoided.

Flange connector (90 mm and 110 mm)



Step 1
Cut the pipe at a right angle (the outer pipe surface has to be clean and free of grooves).



Step 2
Push the parts onto the pipe in the same sequence as shown in the picture.



Step 3
Knock in the insert pipe completely.



Step 4
Push the pipe into the body up to the end.





















Step 5
Take the parts to the body



Step 6
Mount the flange firmly while tightening the screws so that tilting is avoided

Overview compression fittings with fixed insert pipe

Image	Description	Page	Image	Description	Page
	Connector male thread Model 6601 ● ● ● ●	10/11		Elbow 90° male thread Model 6630 ● ● ● ●	19
	Connector male thread, reduced Model 66011 ● ● ● ●	12		Elbow 90° female thread Model 66310 ● ● ● ●	20
	Connector male thread, increased Model 66012 ● ● ● ●	13		Elbow 90° male thread, reduced Model 66300 ● ● ● ●	20
	Connector female thread Model 6110 ● ● ● ●	14		Elbow 90° male thread, increased Model 66302 ● ● ● ●	21
	Connector female thread, reduced Model 66111 ● ● ● ●	15		Elbow coupling 90° Model 66301 ● ● ● ●	22
	Connector female thread, increased Model 66112 ● ● ● ●	16		T-piece 3 x PE connection Model 6618 ● ● ● ●	23
	Connector with welded socket Model 6701 ● ●	16		T-piece 3 x PE connection 1 x reduced Model 6619 ● ● ●	24
	Coupling Model 6605 ● ● ● ●	17		T-piece 2 x PE connection 1 x male thread Model 66180 ● ● ●	24
	Coupling reduced Model 66050 ● ● ●	18		T-piece 2 x PE connection 1 x female thread reduced Model 66181 ● ● ●	25

Overview flange connectors with loose insert pipe

Image	Description	Page	Image	Description	Page
	Connector - flange male thread Model 6601F ● ●	11		Elbow 90°- flange male thread Model 6630F ● ●	20
	Connector - flange male thread, reduced Model 66011F ● ●	12		Elbow 90°- flange male thread, reduced Model 66300F ● ●	21
	Connector - flange male thread, increased Model 66012F ● ●	13		Elbow coupling 90°-flange Model 66301F ● ●	22
	Connector - flange female thread Model 66110F ● ●	15		T-piece - flange 3 x PE connection Model 6618F ● ●	23
	Coupling - flange Model 6605F ● ●	18		T-piece - flange 2 x PE connection 1 x female thread, reduced Model 66181F ● ●	25
Accessories					
	Forcing nut Model 6690	26		Profile seal ring for flange connectors Model 8893 ● ●	27
	Clamping ring Model 6691	26		O-ring seal for flange connectors Model P66 ● ●	27

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



CONNECTOR, MALE THREAD Model 6601

with plastic pipe connection and male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
16 x 2	3/8"		●	●		●	10	100026
16 x 2	3/8"			●		●	10	362462
16 x 2,2	3/8"	7,4	●	●		●	10	100033
17 x 2	1/2"		●	●		●	20	100064
17 x 2	1/2"			●		●	20	361854
17 x 2,2	1/2"		●	●		●	10	100071
17 x 2,2	1/2"			●		●	10	361861
18 x 2	1/2"		●	●		●	20	100088
18 x 2	1/2"			●		●	20	361878
18 x 2,5	1/2"		●	●		●	10	100095
18 x 2,5	1/2"			●		●	10	361885
20 x 1,9/2	1/2"	11	●	●		●	20	100101
20 x 2,2	1/2"		●	●		●	20	100118
20 x 2,2	1/2"			●		●	20	361939
20 x 2,8	1/2"	7,4	●	●		●	10	100132
20 x 3,4	1/2"	6	●	●		●	10	100149
20 x 3,4	1/2"	6		●		●	10	361908
22 x 3	3/4"		●	●		●	10	186303
22 x 3	3/4"			●		●	10	362899
25 x 2	3/4"		●	●		●	10	100156
25 x 2	3/4"			●		●	10	361915
25 x 2,3	3/4"	11	●	●		●	20	100163
25 x 2,3	3/4"	11		●		●	20	361922
25 x 2,7	3/4"		●	●		●	20	100170
25 x 2,7	3/4"			●		●	20	361892
25 x 3,5	3/4"	7,4	●	●		●	20	100187
25 x 4,2	3/4"	6	●	●		●	10	100194
28 x 4	1"		●	●		●	10	186372
32 x 2,9/3	1"	11	●	●	●	●	10	100217
32 x 2,9/3	1"	11		●	●	●	10	361953
32 x 3,5	1"		●	●		●	10	100231
32 x 4,4	1"	7,4	●	●		●	10	100248
32 x 4,6	1"		●	●		●	5	100255
32 x 5,4	1"	6	●	●		●	5	100262
36 x 4	1 1/4"			●		●	1	362868
40 x 3,6/3,7	1 1/4"	11	●	●	●	●	5	100293
40 x 3,6/3,7	1 1/4"	11		●	●	●	5	361960
40 x 4,3	1 1/4"		●	●		●	5	100309
40 x 5,5	1 1/4"	7,4	●	●		●	5	100316
40 x 5,7/5,8	1 1/4"		●	●		●	5	100330

...

APPLICATION	D ● = Drinking Water	G ● = Gas
	W ● = Water	H/F ● = Heating/ District Heating



CONNECTOR, MALE THREAD
Model 6601

with plastic pipe connection and male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
...								
50 x 4,5/4,6	1 1/2"	11	●	●	●	●	5	100378
50 x 4,5/4,6	1 1/2"	11		●	●	●	5	361977
50 x 5,4	1 1/2"		●	●		●	5	100385
50 x 6,9	1 1/2"	7,4	●	●		●	5	100392
50 x 8,4	1 1/2"	6	●	●		●	5	100422
63 x 5,7/5,8	2"	11	●	●	●		2	100453
63 x 5,7/5,8	2"	11		●	●		2	361991
63 x 6,8	2"		●	●			2	100460
63 x 8,7	2"	7,4	●	●			2	100477
75 x 6,8/6,9	2 1/2"	11	●	●			2	100521
75 x 6,8/6,9	2 1/2"	11		●			2	362011



CONNECTOR, MALE THREAD - FLANGE
Model 6601F

flange connector with plastic pipe connection and male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 3,6	2"	17,6	●	●			1	302413
63 x 5,7/5,8	2"	11	●	●			1	302420
63 x 6,8	2"		●	●			1	302437
63 x 8,7	2"	7,4	●	●			1	302444
75 x 6,8/6,9	2 1/2"	11	●	●			1	302475
75 x 8,1	2 1/2"		●	●			1	302482
75 x 10,4	2 1/2"		●	●			1	302499
75 x 12,5	2 1/2"	6	●	●			1	302505
90 x 4,3	3"	21	●	●			1	100576
90 x 5,1	3"	17,6	●	●			1	100583
90 x 8,1/8,2	3"	11	●	●			1	100606
90 x 8,1/8,2	3"	11		●			1	362028
110 x 6,3	4" (3 1/2" female)	17,6	●	●			1	100675
110 x 10	4" (3 1/2" female)	11	●	●			1	100682
110 x 10	4" (3 1/2" female)	11		●			1	362042

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



CONNECTOR, REDUCED MALE THREAD Model 66011

with plastic pipe connection and reduced male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
25 x 2,3	1/2"	11	●	●		●	5	100927
25 x 2,7	1/2"		●	●		●	5	100934
25 x 2,7	1/2"			●		●	5	362103
25 x 3,5	1/2"	7,4	●	●		●	5	100941
28 x 4	3/4"		●	●		●	5	186389
28 x 4	3/4"			●		●	5	362929
32 x 2,9/3	3/4"	11	●	●	●	●	5	100972
32 x 4,4	3/4"	7,4	●	●		●	5	101009
40 x 2,3	1"	17,6	●	●		●	5	101030
40 x 3,6/3,7	1"	11	●	●	●	●	5	101054
40 x 4,3	1"		●	●		●	5	101061
50 x 4,5/4,6	1 1/4"	11	●	●	●	●	5	101139
63 x 5,7/5,8	1 1/2"	11	●	●	●		2	101214



CONNECTOR, REDUCED MALE THREAD - FLANGE Model 66011F

flange connector with plastic pipe connection and reduced male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	1 1/2"	11	●	●			1	302529
63 x 8,7	1 1/2"		●	●			1	302543
75 x 4,3	2"	17,6	●	●			1	302567
75 x 6,8/6,9	2"	11	●	●			1	302574
75 x 12,5	2"	6	●	●			1	302604
90 x 8,1/8,2	2 1/2"	11	●	●			1	101368
110 x 10	3"	11	●	●			1	101443

APPLICATION	D	● = Drinking Water	G	● = Gas
	W	● = Water	H/F	● = Heating/ District Heating



CONNECTOR, INCREASED MALE THREAD Model 66012

with plastic pipe connection and increased male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
13 x 2	1/2"		●	●		●	10	101504
16 x 2	1/2"		●	●		●	20	101528
16 x 2	1/2"			●		●	20	362035
16 x 2,2	1/2"	7,4	●	●		●	10	101535
16 x 2,7	1/2"	6	●	●		●	10	101542
18 x 2,5	3/4"			●		●	10	362097
20 x 1,9/2	3/4"	11	●	●		●	10	101597
20 x 2,2	3/4"		●	●		●	10	101603
20 x 2,5	3/4"		●	●		●	10	101610
20 x 2,8	3/4"	7,4	●	●		●	10	101627
25 x 2,3	1"	11	●	●		●	10	101658
25 x 2,3	1"	11		●		●	10	362127
25 x 2,7	1"		●	●		●	10	101665
25 x 2,7	1"			●		●	10	362530
25 x 3,5	1"	7,4	●	●		●	10	101672
32 x 2,9/3	1 1/4"	11	●	●	●	●	5	101702
32 x 2,9/3	1 1/4"	11		●	●	●	5	362141
32 x 3,5	1 1/4"		●	●		●	5	101726
32 x 4,4	1 1/4"	7,4	●	●		●	5	101733
40 x 3,6/3,7	1 1/2"	11	●	●	●	●	5	101788
40 x 3,6/3,7	1 1/2"	11		●	●	●	5	362165
40 x 4,3	1 1/2"		●	●		●	5	101795
50 x 4,6/4,7	2"	11	●	●	●	●	5	101863



CONNECTOR, INCREASED MALE THREAD - FLANGE Model 66012F

flange connector with plastic pipe connection and increased male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	2 1/2"	11	●	●			1	302628
75 x 4,3	3"	17,6	●	●			1	302666
75 x 6,8/6,9	3"	11	●	●			1	302673

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



CONNECTOR, FEMALE THREAD Model 66110

with plastic pipe connection and female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
16 x 2	3/8"		●	●		●	10	102204
16 x 2	3/8"			●		●	10	362523
17 x 2	1/2"		●	●		●	10	102235
17 x 2	1/2"			●		●	10	362189
17 x 2,2	1/2"		●	●		●	10	102242
17 x 2,2	1/2"			●		●	10	362196
18 x 2	1/2"		●	●		●	10	102259
18 x 2	1/2"			●		●	10	362202
20 x 1,9/2	1/2"	11	●	●		●	20	102273
20 x 2,2	1/2"		●	●		●	20	102280
20 x 2,8	1/2"	7,4	●	●		●	10	102303
20 x 3,4	1/2"	6	●	●		●	10	102310
20 x 3,4	1/2"	6		●		●	10	362219
25 x 2,3	3/4"	11	●	●		●	20	102334
25 x 2,3	3/4"	11		●		●	20	362226
25 x 2,7	3/4"		●	●		●	20	102341
25 x 2,7	3/4"			●		●	20	362004
25 x 3,5	3/4"	7,4	●	●		●	10	102358
25 x 4,2	3/4"	6	●	●		●	10	102365
28 x 3	1"			●		●	10	362875
28 x 4	1"		●	●		●	10	186396
28 x 4	1"			●		●	10	362936
32 x 2,9/3	1"	11	●	●	●	●	10	102389
32 x 2,9/3	1"	11		●	●	●	10	362233
32 x 3,5	1"		●	●		●	10	102402
32 x 4,4	1"	7,4	●	●		●	10	102419
32 x 4,6	1"		●	●		●	10	102426
32 x 5,4	1"	6	●	●		●	10	102433
40 x 3,6/3,7	1 1/4"	11	●	●	●	●	5	102464
40 x 3,6/3,7	1 1/4"	11		●	●	●	5	362240
40 x 4,3	1 1/4"		●	●		●	5	102471
40 x 5,5	1 1/4"	7,4	●	●		●	5	102488
40 x 5,7/5,8	1 1/4"		●	●		●	5	102501
50 x 4,5/4,6	1 1/2"	11	●	●	●	●	5	102549
50 x 4,5/4,6	1 1/2"	11		●	●	●	5	362264
50 x 5,4	1 1/2"		●	●		●	5	102556
50 x 6,9	1 1/2"	7,4	●	●		●	5	102563
63 x 5,7/5,8	2"	11	●	●	●		2	102624
63 x 5,7/5,8	2"	11		●	●		2	362271
63 x 6,8	2"		●	●			2	102631
75 x 6,8/6,9	2 1/2"	11	●	●			2	102693
75 x 6,8/6,9	2 1/2"	11		●			2	362288

APPLICATION	D	● = Drinking Water	G	● = Gas
	W	● = Water	H/F	● = Heating/ District Heating



CONNECTOR, FEMALE THREAD - FLANGE Model 66110F

flange connector with plastic pipe connection and female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 3,6	2"	17,6	●	●			1	302710
63 x 5,7/5,8	2"	11	●	●			1	302727
63 x 6,8	2"		●	●			1	302734
75 x 6,8/6,9	2 1/2"	11	●	●			1	302772
75 x 8,1	2 1/2"		●	●			1	302789
90 x 5,1	3"	17,6	●	●			1	102754
90 x 8,1/8,2	3"	11	●	●			1	102778
90 x 9,7	3"		●	●			1	102785
110 x 6,3	4" (3 1/2" female)	17,6	●	●			1	102846
110 x 10	4" (3 1/2" female)	11	●	●			1	102853



CONNECTOR, REDUCED FEMALE THREAD Model 66111

with plastic pipe connection and reduced female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
25 x 2,3	1/2"	11	●	●		●	5	103096
32 x 2,9/3	3/4"	11	●	●	●	●	5	103140
32 x 4,4	3/4"	7,4	●	●		●	5	103171
40 x 3,6/3,7	1"	11	●	●	●	●	5	103225
40 x 4,3	1"		●	●		●	5	103232
50 x 4,5/4,6	1 1/4"	11	●	●	●	●	5	103300

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

■ made
■ in
■ Germany



CONNECTOR, INCREASED FEMALE THREAD Model 66112

with plastic pipe connection and increased female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
13 x 2,5	1/2"		●	●		●	5	103690
14 x 2	1/2"		●	●		●	5	103706
16 x 2	1/2"		●	●		●	5	103751
16 x 2	1/2"			●		●	5	362370
16 x 2,2	1/2"	7,4	●	●		●	5	103768
20 x 1,9/2	3/4"	11	●	●		●	5	103836
20 x 2,8	3/4"	7,4	●	●		●	5	103867
25 x 2,3	1"	11	●	●		●	5	103898
25 x 2,3	1"	11		●		●	5	362417
25 x 3,5	1"	7,4	●	●		●	5	103911
32 x 2,9/3	1 1/4"	11	●	●	●	●	5	103942
32 x 3,5	1 1/4"		●	●		●	5	103966
32 x 3,5	1 1/4"			●		●	5	362813
40 x 3,6/3,7	1 1/2"	11	●	●	●	●	5	104024
50 x 4,5/4,6	2"	11	●	●	●	●	5	104109

CONNECTOR Model 6701



with plastic pipe connection and welded socket

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
25 x 2,3	3/4"			●		●	5	362943
28 x 4	3/4"			●		●	5	362950
32 x 2,9/3	1"			●		●	5	362967
40 x 3,6/3,7	1 1/4"			●		●	2	362974
50 x 4,5/4,6	1 1/2"			●		●	2	362981
63 x 5,7/5,8	2"			●			2	362998
75 x 6,8/6,9	2 1/2"			●			2	362158
90 x 8,1/8,2	3"			●			1	362257
110 x 10	4"			●			1	362295



COUPLING

Model 6605

with 2 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
12 x 2	6	●	●		●	10	104390
13 x 2,5		●	●		●	10	104413
14 x 2		●	●		●	10	104420
16 x 2		●	●		●	10	104444
16 x 2,2	7,4	●	●		●	10	104451
16 x 2,7	6	●	●		●	10	104468
17 x 2		●	●		●	10	104482
17 x 2,2		●	●		●	10	104499
18 x 2		●	●		●	10	104505
18 x 2,5		●	●		●	10	104512
20 x 1,9/2	11	●	●		●	10	104529
20 x 2,2		●	●		●	10	104536
20 x 3,4	6	●	●		●	10	104567
22 x 3		●	●		●	10	186334
25 x 2		●	●		●	10	104574
25 x 2,3	11	●	●		●	10	104581
25 x 2,3	11		●		●	10	362448
25 x 2,7		●	●		●	10	104598
25 x 3,5	7,4	●	●		●	10	104604
28 x 4		●	●		●	5	186402
32 x 2,9/3	11	●	●	●	●	5	104635
32 x 2,9/3	11		●	●	●	5	362455
32 x 3,5		●	●		●	5	104659
32 x 4,4	7,4	●	●		●	5	104666
32 x 5,4	6	●	●		●	5	104680
40 x 2,3		●	●		●	5	104697
40 x 3,6/3,7	11	●	●	●	●	5	104710
40 x 3,6/3,7	11		●	●	●	5	362479
40 x 4,3		●	●		●	5	104727
40 x 5,5	7,4	●	●		●	5	104734
50 x 4,5/4,6	11	●	●	●	●	2	104796
50 x 4,5/4,6	11		●	●	●	2	362486
50 x 5,4		●	●		●	2	104802
50 x 6,9	7,4	●	●		●	2	104819
63 x 5,7/5,8	11	●	●	●		2	104871
63 x 5,7/5,8	11		●	●		2	362493
63 x 6,8		●	●			2	104888
63 x 8,7	7,4	●	●			2	104895
75 x 6,8/6,9	11	●	●			2	104949
75 x 6,8/6,9	11		●			2	362509

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



COUPLING - FLANGE Model 6605F

flange connector with 2 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	11	●	●			1	303021
75 x 6,8/6,9	11	●	●			1	303076
90 x 5,1	17,6	●	●			1	105007
90 x 8,1/8,2	11	●	●			1	105021
90 x 8,1/8,2	11		●			1	362424
110 x 10	11		●			1	362318



COUPLING, REDUCED Model 66050

with 2 equal plastic pipe connections, 1x reduced

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
20 x 1,9/2 - 16 x 2	11	●	●		●	1	105168
25 x 2,3 - 20 x 1,9/2	11	●	●		●	1	105212
32 x 2,9/3 - 25 x 2,3	11	●	●		●	1	105267
50 x 4,5/4,6 - 40 x 3,6/3,7	11	●	●		●	1	105427

APPLICATION	D	● = Drinking Water	G	● = Gas
	W	● = Water	H/F	● = Heating/ District Heating



ELBOW 90°, MALE THREAD Model 6630

with plastic pipe connection and male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
16 x 2	3/8"			●		●	10	362820
17 x 2	1/2"		●	●		●	10	106639
17 x 2	1/2"			●		●	10	362608
18 x 2,5	1/2"		●	●		●	10	106660
18 x 2,5	1/2"			●		●	10	362622
20 x 1,9/2	1/2"	11	●	●		●	10	106677
20 x 1,9/2	1/2"	11		●		●	10	362639
20 x 2,2	1/2"		●	●		●	10	106684
20 x 2,8	1/2"	7,4	●	●		●	10	106707
25 x 2,3	3/4"	11	●	●		●	5	106738
25 x 2,3	3/4"	11		●		●	5	362646
25 x 2,7	3/4"		●	●		●	5	106745
25 x 3,5	3/4"	7,4	●	●		●	5	106752
32 x 2,9/3	1"	11	●	●	●	●	5	106783
32 x 2,9/3	1"	11		●	●	●	5	362653
32 x 3,5	1"		●	●		●	5	106806
32 x 4,4	1"	7,4	●	●		●	5	106813
40 x 3,6/3,7	1 1/4"	11	●	●	●	●	5	106868
40 x 3,6/3,7	1 1/4"	11		●	●	●	5	362677
40 x 4,3	1 1/4"		●	●		●	5	106875
40 x 5,5	1 1/4"	7,4	●	●		●	5	106882
50 x 4,5/4,6	1 1/2"	11	●	●	●	●	2	106943
50 x 4,5/4,6	1 1/2"	11		●	●	●	2	362691
50 x 5,4	1 1/2"		●	●		●	2	106950
50 x 6,9	1 1/2"	7,4	●	●		●	2	106967
63 x 5,7/5,8	2"	11	●	●	●		2	107025
63 x 5,7/5,8	2"	11		●	●		2	362714
63 x 6,8	2"		●	●			2	107032
63 x 8,7	2"	7,4	●	●			2	107049
75 x 6,8/6,9	2 1/2"	11		●			1	362721

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



ELBOW 90°, MALE THREAD - FLANGE Model 6630F

flange connector with plastic pipe connection and male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	2"	11	●	●			1	303229
75 x 4,3	2 1/2"	17,6	●	●			1	303267
90 x 8,1/8,2	3"	11	●	●			1	107179
110 x 10	4"	11	●	●			1	107254
110 x 10	4"	11		●			1	362516



ELBOW 90°, FEMALE THREAD Model 66310

with plastic pipe connection and female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
20 x 1,9/2	1/2"	11	●	●		●	5	108879
20 x 2,2	1/2"		●	●		●	5	108886
25 x 2,3	3/4"	11	●	●		●	5	108930
25 x 2,7	3/4"		●	●		●	5	108947
32 x 2,9/3	1"	11	●	●	●	●	5	108985
32 x 3,5	1"		●	●		●	5	109005
40 x 3,6/3,7	1 1/4"	11	●	●		●	5	109067
40 x 4,3	1 1/4"		●	●		●	5	109074
50 x 4,5/4,6	1 1/2"	11	●	●	●	●	2	109142
63 x 5,7/5,8	2"	11	●	●			2	109227
75 x 6,8/6,9	2 1/2"	11	●	●			1	109296



ELBOW 90°, REDUCED MALE THREAD Model 66300

with plastic pipe connection and reduced male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
32 x 2,9/3	3/4"	11	●	●		●	5	107544
40 x 3,6/3,7	1"	11	●	●	●	●	5	107629
50 x 4,5/4,6	1 1/4"	11	●	●		●	2	107704

APPLICATION	D ● = Drinking Water	G ● = Gas
	W ● = Water	H/F ● = Heating/ District Heating



ELBOW 90°, REDUCED MALE THREAD - FLANGE
Model 66300F

flange connector with plastic pipe connection and reduced male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	1 1/2"	11	●	●			1	303427
75 x 6,8/6,9	2"	11	●	●			1	303472
75 x 10,4	2"		●	●			1	303496



ELBOW 90°, INCREASED MALE THREAD
Model 66302

with plastic pipe connection and increased male thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
20 x 1,9/2	3/4"	11	●	●		●	5	108190
25 x 2,3	1"	11	●	●		●	5	108251
32 x 2,9/3	1 1/4"	11	●	●		●	5	108305
40 x 3,6/3,7	1 1/2"	11	●	●		●	5	108381
50 x 4,5/4,6	2"	11	●	●		●	2	108466



ELBOW COUPLING
Model 66301

with 2 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
16 x 2		●	●		●	5	105847
16 x 2,2	7,4	●	●		●	5	105854
17 x 2		●	●		●	5	105878
20 x 1,9/2	11	●	●		●	5	105915
20 x 2,2		●	●		●	5	105922
20 x 2,8	7,4	●	●		●	5	105946
25 x 2,3	11	●	●		●	5	105977
25 x 2,7		●	●		●	5	105984
25 x 3,5	7,4	●	●		●	5	105991
32 x 2,9/3	11	●	●	●	●	5	106028
32 x 2,9/3	11		●	●	●	5	362547
32 x 3,5		●	●		●	5	106042
32 x 4,4	7,4	●	●		●	5	106059
40 x 3,6/3,7	11	●	●	●	●	5	106103
40 x 3,6/3,7	11		●	●	●	5	362554
40 x 4,3		●	●		●	5	106110
40 x 5,5	7,4	●	●		●	5	106127
50 x 4,5/4,6	11	●	●	●	●	2	106189
50 x 4,5/4,6	11		●	●	●	2	362561
50 x 5,4		●	●		●	2	106196
63 x 5,7/5,8	11	●	●	●		2	106264
63 x 5,7/5,8	11		●	●		2	362585
63 x 8,7	7,4	●	●			2	106288
75 x 6,8/6,9	11		●			1	362592



ELBOW COUPLING - FLANGE
Model 66301F

flange connector with 2 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	11	●	●			1	303625
63 x 6,8		●	●			1	303632
75 x 6,8/6,9	11	●	●			1	303670
90 x 8,1/8,2	11		●			1	362660
110 x 10	11		●			1	362684

APPLICATION	D ● = Drinking Water	G ● = Gas
	W ● = Water	H/F ● = Heating/ District Heating



T-PIECE Model 6618

with 3 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
16 x 2		●	●		●	5	109562
17 x 2		●	●		●	5	109593
20 x 1,9/2	11	●	●		●	5	109630
20 x 2,2		●	●		●	5	109647
25 x 2,3	11	●	●		●	5	109692
25 x 2,3	11		●		●	5	362745
25 x 2,7		●	●		●	5	109708
32 x 2,9/3	11	●	●	●	●	5	109746
32 x 2,9/3	11		●	●	●	5	362769
32 x 3,5		●	●		●	5	109760
32 x 4,4	7,4	●	●		●	5	109777
40 x 3,6/3,7	11	●	●	●	●	5	109821
40 x 3,6/3,7	11		●	●	●	5	362776
40 x 4,3		●	●		●	5	109838
40 x 5,5	7,4	●	●		●	5	109845
50 x 4,5/4,6	11	●	●	●	●	2	109906
50 x 4,5/4,6	11		●	●	●	2	362783
50 x 5,4		●	●		●	2	109913
50 x 6,9	7,4	●	●		●	2	109920
63 x 5,7/5,8	11	●	●			1	109982
63 x 5,7/5,8	11		●	●		1	362790



T-PIECE - FLANGE Model 6618F

flange connector with 3 equal plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 3,6	17,6	●	●			1	303717
63 x 5,7/5,8	11	●	●			1	303724
63 x 6,8		●	●			1	303748
63 x 10,5	6	●	●			1	303755
110 x 10	11	●	●			1	110216

Compression fittings with fixed insert pipe Flange connector with loose insert pipe - A1

made
in
Germany



T-PIECE Model 6619

with 2 equal and 1 reduced plastic pipe connections

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
25 x 2,3 - 20 x 1,9/2	11	●	●		●	1	110322
25 x 2,7 - 20 x 2,2		●	●		●	1	110339
32 x 3,5 - 25 x 2,7		●	●		●	1	110391
32 x 4,4 - 25 x 3,5	7,4	●	●		●	1	110407
40 x 3,6/3,7 - 32 x 2,9/3	11	●	●		●	1	110452
40 x 4,3 - 32 x 3,5		●	●		●	1	110469
40 x 5,5 - 32 x 4,4	7,4	●	●		●	1	110476
50 x 4,5/4,6 - 40 x 3,6/3,7	11	●	●		●	1	110537
50 x 6,9 - 40 x 5,5	7,4	●	●		●	1	110551



T-PIECE Model 66180

with 2 equal plastic pipe connections
and 1 male thread

Item may differ from the picture.

plastic pipe dimension (mm)	Gewinde	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
12 x 2	3/8"	6	●	●		●	1	110902
20 x 1,9/2	1/2"	11	●	●		●	1	111022
20 x 2,2	1/2"		●	●		●	1	111039
25 x 2,3	3/4"	11	●	●		●	1	111084
25 x 2,7	3/4"		●	●		●	1	111091
25 x 3,5	3/4"	7,4	●	●		●	1	111107
32 x 2,9/3	1"	11	●	●		●	1	111138
32 x 3,5	1"		●	●		●	1	111152
50 x 4,5/4,6	1 1/2"	11	●	●	●	●	1	111299

APPLICATION	D ● = Drinking Water	G ● = Gas
	W ● = Water	H/F ● = Heating/ District Heating



T-PIECE, FEMALE THREAD Model 66181

with 2 equal plastic pipe connections
and 1 reduced female thread

Item may differ from the picture.

plastic pipe dimension (mm)	thread	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
25 x 2,3	1/2"	11	●	●		●	1	111848
25 x 2,7	1/2"		●	●		●	1	111855
32 x 2,9/3	3/4"	11	●	●		●	1	111893
32 x 3,5	3/4"		●	●		●	1	111916
32 x 4,4	3/4"	7,4	●	●		●	1	111923
40 x 4,3	1"		●	●		●	1	111985
40 x 5,5	1"	7,4	●	●		●	1	111992
50 x 4,5/4,7	1 1/4"	11	●	●		●	1	112050
50 x 5,4	1 1/4"		●	●		●	1	112067



T-PIECE, FEMALE THREAD - FLANGE Model 66181F

flange connector with 2 equal plastic pipe connections
and 1 reduced female thread

Item may differ from the picture.

plastic pipe dimension (mm)	Gewinde	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63 x 5,7/5,8	1 1/2"	11	●	●			1	303922
63 x 6,8	1 1/2"		●	●			1	303939
75 x 6,8/6,9	2"	11	●	●			1	303977



FORCING NUT

Model 6690

Item may differ from the picture.

plastic pipe dimension (mm)	pkg. unit	EAN no. 4027848-
12	20	112623
14	20	112647
16	20	112654
17	20	112661
18	20	112678
20	20	112685
25	20	112708
32	20	112715
40	10	112722
50	5	112739
63	5	112746
75	2	112753



CLAMPING RING

Model 6691

Item may differ from the picture.

plastic pipe dimension (mm)	pkg. unit	EAN no. 4027848-
12	20	112487
14	20	112500
16	20	112517
17	20	112524
18	20	112531
20	20	112548
25	20	112562
32	20	112579
40	10	112586
50	10	112593
63	10	112609
75	5	112616

APPLICATION	D	● = Drinking Water	G	● = Gas
	W	● = Water	H/F	● = Heating/ District Heating



PROFILE SEAL RING FOR FLANGE CONNECTORS

Model 8893

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
63		●	●			10	239023
75		●	●			5	239030



O-RING FOR FLANGE CONNECTORS

Model P66

Item may differ from the picture.

plastic pipe dimension (mm)	SDR	D	W	G	H	pkg. unit	EAN no. 4027848-
90		●	●			1	310760
110		●	●			1	349739



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