

RUDOLF KOLLER



KOLLERS *Whirlpool*
Quality - products



Shower Catalogue

Shower
Catalogue



Worldwide renowned quality!
All articles produced in-house!



www.rkoller.com

COLOR LEGEND

brass



C = chrome



GP = gold varnish



B = brass-polished



R = raw



G = gold-plated



W = white

e.g. brass chrome: Order No. **C-1005-1**

stainless steel



ST = stainless steel

plastic



P-W = white



P-C = chrome



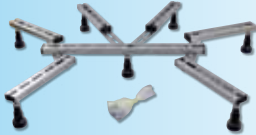
P-T = transparent

e.g. plastic chrome: Order No. **P-C-1005-5**



All visible parts are available at additional cost in various RAL colours (according to colour pallet).
Delivery time on request.

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Price List effective from 2015-03-01. All previous price lists and newssheets lose their validity! Technical specifications and printing errors are subject to change without prior notification. © Copyright reserved.





With more than 35 years experience in the whirlpool industry, Koller is proud of its achievements. It was one of the first companies worldwide to install whirlpool technology into bath tubs and also to use brass in whirlpools.

Koller is worldwide the only company in this field that produces 100 % of its product range in-house. Our production facilities are equipped with the latest technology and our personnel is highly skilled.

Only in this way can we daily show our customer orientation through innovation, quality, delivery reliability, flexibility and promptness.



Vitis plant

In our parent plant in Vitis (Austria) research and development, as well as metalworking, electroplating and electronics is located. Our entire plastic production/development department as well as our toolmaking/moulds production is situated in Jindrichuv Hradec (Czech Republic).



Jindrichuv Hradec (Neuhaus) plant

We have sales offices in Austria, the Czech Republic, Malta, Spain and England, as well as four large warehouses in Austria, the Czech Republic, Spain and England, where we store more than 50 million parts for you.

KOLLER Malta



KOLLER Spain



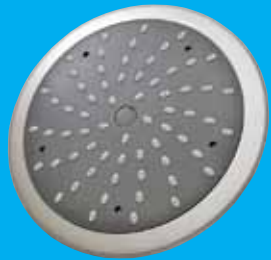
KOLLER UK



RUDOLF KOLLER

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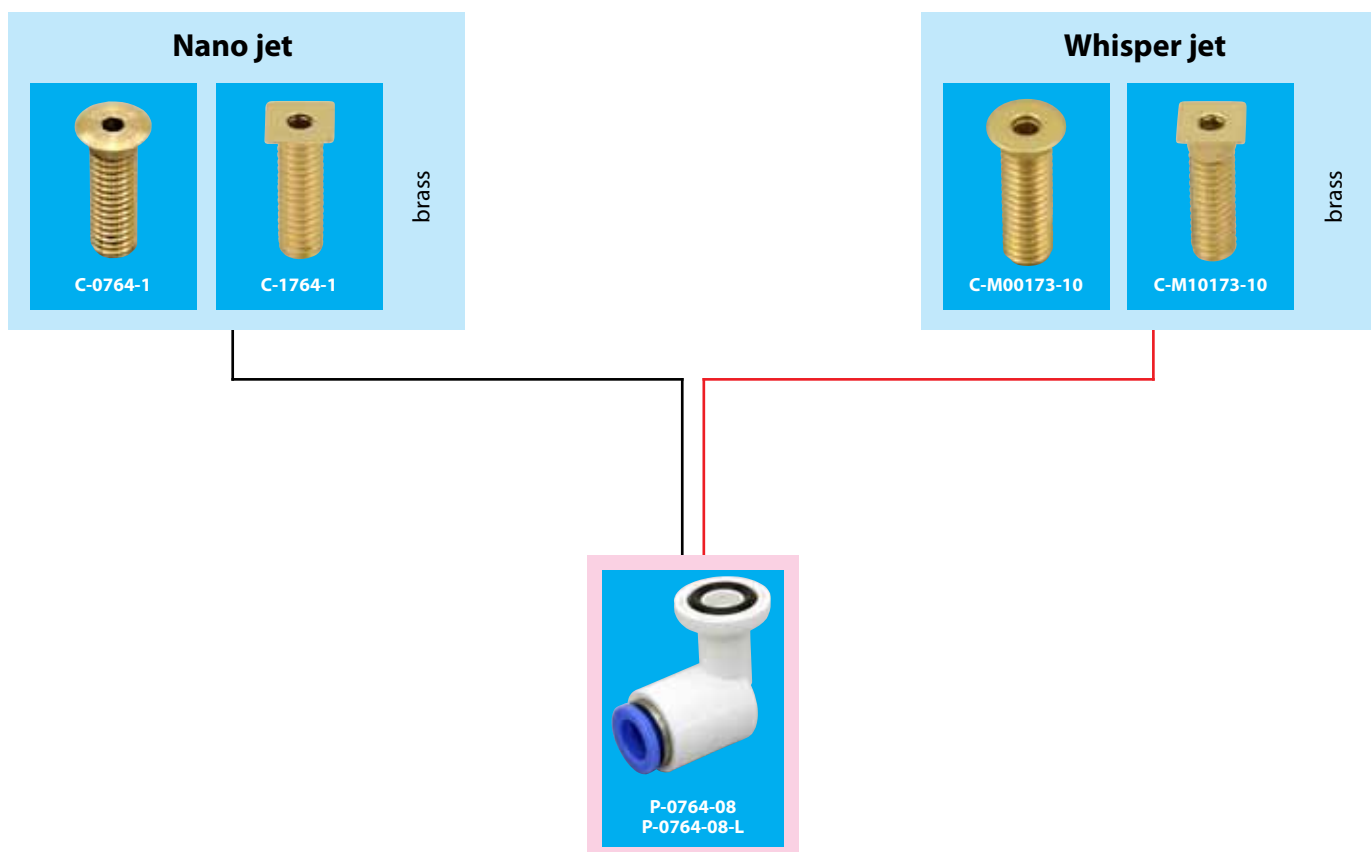
DRAIN		Order No.	Price								
	Flatstar Syphon 10050 material: plastic cover Ø: 116 mm drain hole Ø: 90 mm installation depth: 66.5 mm outlet Ø: 40 mm 50 mm weight: 240 g	P-W-10050 P-C-10050									
	Flatstar Syphon 10050-40 material: plastic cover Ø: 116 mm drain hole Ø: 90 mm installation depth: 66.5 mm outlet Ø: 40 mm weight: 200 g	P-W-10050-40 P-C-10050-40									
	Floor drainage 10020-X cover with openings material: stainless steel / plastic connection Ø : 40 mm <table><thead><tr><th>length</th><th>weight</th></tr></thead><tbody><tr><td>600 mm</td><td>1.9 kg</td></tr><tr><td>800 mm</td><td>2.2 kg</td></tr><tr><td>1000 mm</td><td>2.4 kg</td></tr></tbody></table> It is possible to get a technical data sheet on inquiry.	length	weight	600 mm	1.9 kg	800 mm	2.2 kg	1000 mm	2.4 kg	10020-60 10020-80 10020-100	
length	weight										
600 mm	1.9 kg										
800 mm	2.2 kg										
1000 mm	2.4 kg										
	Floor drainage 10021-X cover for tiling material: stainless steel / plastic connection Ø : 40 mm <table><thead><tr><th>length</th><th>weight</th></tr></thead><tbody><tr><td>600 mm</td><td>2 kg</td></tr><tr><td>800 mm</td><td>2.3 kg</td></tr><tr><td>1000 mm</td><td>2.5 kg</td></tr></tbody></table> It is possible to get a technical data sheet on inquiry.	length	weight	600 mm	2 kg	800 mm	2.3 kg	1000 mm	2.5 kg	10021-60 10021-80 10021-100	
length	weight										
600 mm	2 kg										
800 mm	2.3 kg										
1000 mm	2.5 kg										

SHOWER		Order No.	Price
	Hand shower 11007 anti lime outside Ø: 30 mm connection: 1/2" outside thread overall length: 205 mm weight: 77 g symbol photo	P-C-11007	
	Hand shower 11006 anti lime 4-fold adjustable weight: 194 g symbol photo	P-C-11006	
	Hand shower 11005 anti lime weight: 121 g symbol photo	P-C-11005	
	Rain shower 11001 anti lime outside Ø: 200 mm connection: 1/2" inside thread weight: 584 g symbol photo	P-C-11001	
	Rain shower 11002 anti lime outside Ø: 160 mm connection: 1/2" inside thread weight: 500 g symbol photo	P-C-11002	

SHOWER		Order No.	Price
	Rain shower 11003 anti lime outside Ø: 150 mm connection: 1/2" inside thread weight: 410 g symbol photo	P-C-11003	
	Rain shower mirror-like 11004 anti lime outside Ø: 200 mm connection: 1/2" inside thread weight: 574 g symbol photo	P-C-11004	
	Hand shower set 11201 material: brass / plastic weight: 1.5 kg consists of: hand shower shower hose storage space shower pole assembling auxiliaries symbol photo	C-11201	
	Shower hose 11407 connection: 1/2" inside thread overall length: 2000 mm weight: 281 g	C-11407	
	Wall connection 11403 1/2" outside thread for shower hose connection 1/2" outside thread for water connection material: brass weight: 247 g symbol photo	C-11403	

SHOWER			Order No.	Price					
	Flange 11402 material: brass weight: 154 g suitable for: wall connection: C-11403 suitable for wall assembling in shower cabinets	N-11402							
	Wall support with rosette 11404 material: brass overall length: 200 mm weight: 574 g	C-11404							
	Wall support with rosette 1140X material: brass <table><tr><td>length</td><td>weight</td></tr><tr><td>200 mm</td><td>366 g</td></tr><tr><td>450 mm</td><td>694 g</td></tr></table>	length	weight	200 mm	366 g	450 mm	694 g	C-11405 C-11406	
length	weight								
200 mm	366 g								
450 mm	694 g								
	Double nipple 1/2" 11401 material: brass weight: 57 g suitable for assembling of a rain shower	C-11401							

Shower jet nano/whisper Flatline - structure



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

SHOWER JET

Order No.

Price


Flatline whisper jet series M00173-XX

material: brass
outside Ø: 9 mm
thread: M6 outside thread
drill Ø: 6 mm
wrench size: 2.5 mm hexagonal (hex key)

wall thickness	overall length	thread length	weight
2,5 - 11 mm	19 mm	18 mm	4 g
10 - 19 mm	28 mm	27 mm	4 g
16 - 25 mm	35 mm	34 mm	5 g
21 - 30 mm	40 mm	39 mm	6 g

C-M00173-10
 C-M00173-11
 C-M00173-12
 C-M00173-13

suitable for:
 connection part:
 P-0763-04, P-0763-04-L (used as air jet)
 P-0764-08, P-0764-08-L (used as shower jet)


Flatline whisper jet M10173-10

material: brass
outside: 9 mm
thread: M6 outside thread
drill Ø: 6 mm
wrench size: 2.5 mm hexagonal (hex key)

wall thickness	overall length	thread length	weight
2,5 - 11 mm	19 mm	18 mm	3 g

C-M10173-10

suitable for:
 connection part:
 P-0763-04, P-0763-04-L (used as air jet)
 P-0764-08, P-0764-08-L (used as shower jet)


Nano jet series 0764-X

material: brass
outside Ø: 9 mm
thread: M6 outside thread
drill Ø: 6 mm
wrench size: 2.5 mm hexagonal (hex key)

wall thickness	overall length	thread length	weight
2,5 - 11 mm	19 mm	18 mm	3.5 g
10 - 19 mm	28 mm	27 mm	4 g
16 - 25 mm	35 mm	34 mm	4.5 g
21 - 30 mm	40 mm	39 mm	6 g

C-0764-1
 C-0764-2
 C-0764-3
 C-0764-4

suitable for:
 connection part: P-0764-08, P-0764-08-L


Nano jet 1764-1

material: brass
outside: 9 mm
thread: M6 outside thread
drill Ø: 6 mm
wrench size: 2.5 mm hexagonal (hex key)

wall thickness	overall length	thread length	weight
2,5 - 11 mm	19 mm	18 mm	3 g

C-1764-1

suitable for:
 connection part: P-0764-08, P-0764-08-L

FLAT **Line**

SHOWER JET

Order No.

Price



Connection part 90° with cartridge series 0764-08

material: plastic
thread: M6 inside thread
cartridge Ø: 8 mm

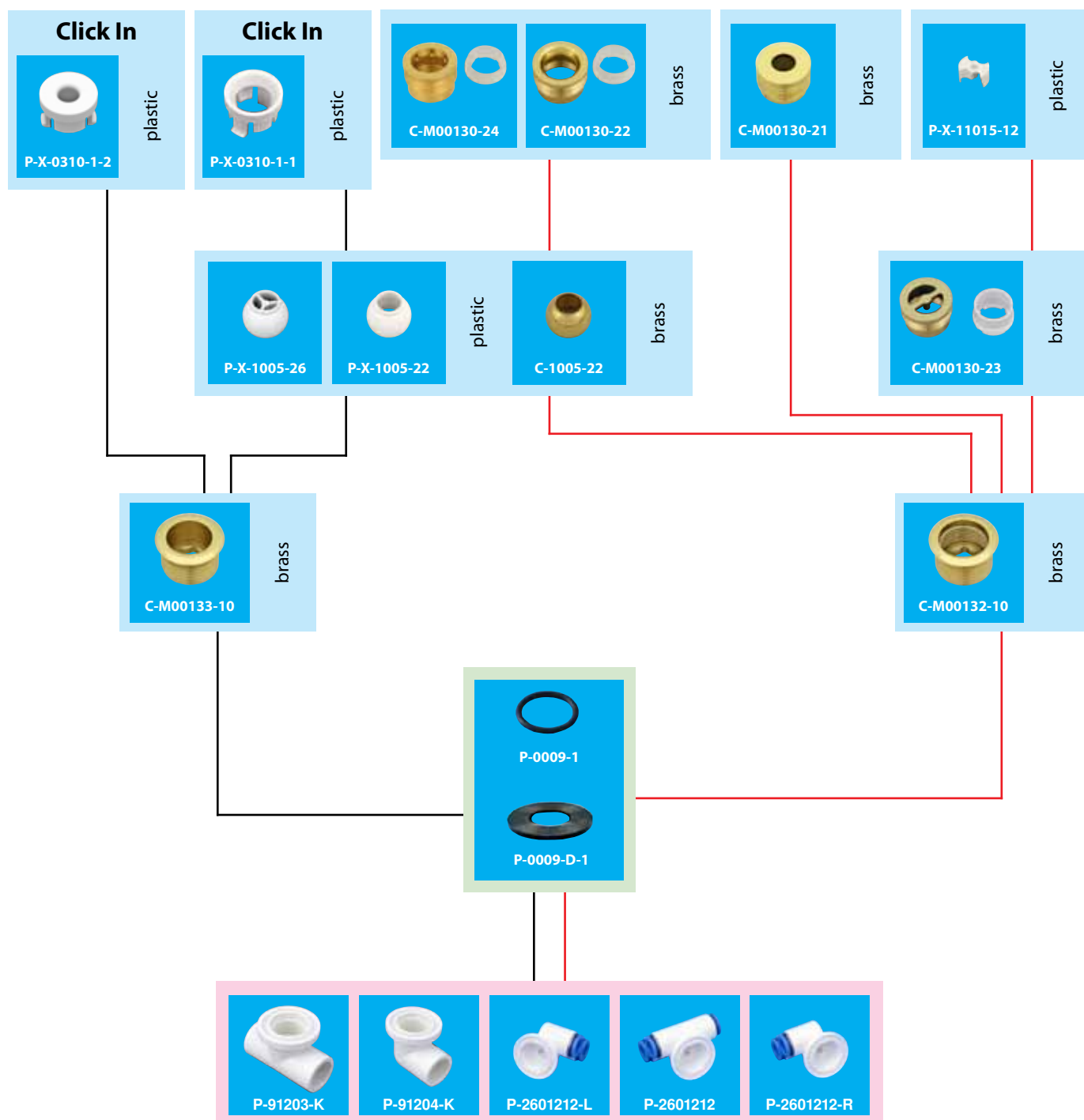
height	weight
31 mm	7 g
43 mm	8 g

inclusive:
o-ring (8 x 2,5 mm)

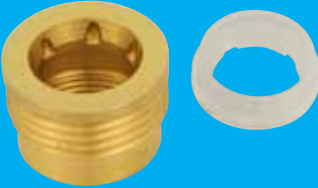
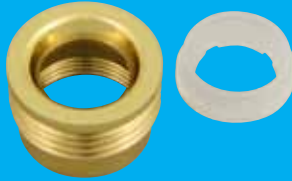
suitable for:
nano jet: series 0764-X

P-0764-08
P-0764-08-L

Shower jet micro Flatline - structure



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

FLATLine	SHOWER JET	Order No.	Price
	Flatline micro click in inner part 0310-1-2 1 hole (no ball necessary) material: plastic weight: 2 g key: P-0250-1-20 suitable for: Flatline micro click in jet body: C-M00130-11, C-M00130-15, C-M00133-10, C-M00133-11, C-M10133-10, C-M00135-10	P-W-0310-1-2 P-C-0310-1-2	
	Flatline micro click in inner part 0310-1-1 material: plastic weight: 1 g key: P-0250-1-20 suitable for: Flatline micro click in jet body: C-M00130-11, C-M00130-15, C-M00133-10, C-M00133-11, C-M10133-10, C-M00135-10 The stated key is used only in combination with the ball P-X-1005-22 and C-1005-22.	P-W-0310-1-1 P-C-0310-1-1	
	Flatline micro inner part M00130-21 1 hole (no ball necessary) material: brass weight: 16 g key: P-M00130-50 suitable for: Flatline micro jet body: C-M00130-10, C-M00130-12, C-M00130-14, C-M00130-13, C-M00130-16, C-M00132-10, C-M00132-11, C-M10132-10, C-M00134-10	C-M00130-21	
	Flatline Micro inner part M00130-24 material: brass / plastic weight: 13 g key: P-M00130-52 consists of: inner part ring: C-M00130-24-1 plastic ring: P-1005-23 suitable for: Flatline micro jet body: C-M00130-10, C-M00130-12, C-M00130-14, C-M00130-13, C-M00130-16, C-M00132-10, C-M00132-11, C-M10132-10, C-M00134-10	C-M00130-24	
	Flatline micro inner part M00130-22 material: brass / plastic weight: 12 g key: P-M00130-50 consists of: inner part ring: C-M00130-20 plastic ring: P-1005-23 suitable for: Flatline micro jet body: C-M00130-10, C-M00130-12, C-M00130-14, C-M00130-13, C-M00130-16, C-M00132-10, C-M00132-11, C-M10132-10, C-M00134-10	C-M00130-22	

SHOWER JET

	SHOWER JET	Order No.	Price
	Flatline micro inner part M00130-23 material: brass / plastic weight: 11 g key: P-M00130-51 consists of: inner part ring: C-M00130-23-1 plastic ring: P-11015-11 suitable for: Flatline micro jet body: C-M00130-10, C-M00130-12, C-M00130-14, C-M00130-13, C-M00130-16, C-M00132-10, C-M00132-11, C-M10132-10	C-M00130-23	
	Micro roly part P-X-11015-12 material: plastic weight: 1 g suitable for: Flatline micro inner part: C-M00130-23	P-W-11015-12 P-C-11015-12	
	Micro ball P-X-1005-22 material: plastic weight: 1 g suitable for: Flatline micro click in inner part: P-X-0310-1-1 Flatline micro inner part: C-M00130-22, C-M00130-24	P-W-1005-22 P-C-1005-22	
	Micro ball P-X-1005-26 material: plastic outlet for water: 3 segments weight: 1 g suitable for: Flatline micro click in inner part: P-X-0310-1-1 Flatline micro inner part: C-M00130-22, C-M00130-24	P-W-1005-26 P-C-1005-26	
	Micro ball C-1005-22 material: brass weight: 4 g suitable for: Flatline micro click in inner part: P-X-0310-1-1 Flatline micro inner part: C-M00130-22, C-M00130-24	C-1005-22	


Flatline micro click in jet body series M00133-XX

material: brass
outside Ø: 30 mm
drill Ø: 27 mm
key: N-0144

wall thickness	overall length	thread length	weight
2 - 7 mm	18 mm	16.5 mm	36 g
10 - 17 mm	28 mm	26.5 mm	46 g

suitable for:

micro jet: P-0003, P-0003-L, P-0003-R
micro clip jet: P-1006, P-1006-L, P-1006-R, P-1106
micro cartridge jet: P-2601212, P-2601212-L, P-2601212-R

C-M00133-10
C-M00133-11


Flatline micro jet body series M00132-XX

material: brass
outside Ø: 30 mm
drill Ø: 27 mm
key: N-0144

wall thickness	overall length	thread length	weight
2 - 7 mm	18 mm	16.5 mm	31 g
10 - 17 mm	28 mm	26.5 mm	41 g

suitable for:

micro jet: P-0003, P-0003-L, P-0003-R
micro clip jet: P-1006, P-1006-L, P-1006-R, P-1106
micro cartridge jet: P-2601212, P-2601212-L, P-2601212-R

C-M00132-10
C-M00132-11

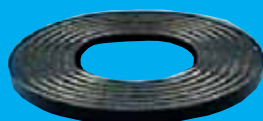

O-ring 0009-1

dimension: 29,75 x 3,53 mm
weight: 1 g

suitable for:

elbow: series P-90204
tee: series P-90203, P-90206, P-90216
double elbow: series P-90207
micro jet: series P-0003
micro clip jet: series P-1X06
micro cartridge jet: series P-2601212

P-0009-1


Flat packing for air jets 0009-D

outside Ø: 45 mm
thickness: 3.5 mm
weight: 5 g

suitable for:

elbow: series P-90204
tee: series P-90203, P-90206, P-90216
double elbow: series P-90207

P-0009-D



P-2601212



P-2601212-L



P-2601212-R

Micro Cartridge Jet series 2601212			Order No.	Price
material: cartridge Ø: plastic 12 mm water 12 mm air				
variant weight through jet close jet left close jet right 60 g 38 g 38 g			P-2601212 P-2601212-L P-2601212-R	
optionally available: flat packing P-0009-D-1 or o-ring P-0009-1				

FLAT **Line**
SHOWER JET

Order No.

Price


Flatline Tee 90° 91203-K

material: plastic
thread: M 25 x 2 mm inside thread
adhesive socket Ø : 20 mm
height: 43 mm
weight: 36 g

optionally available: flat packing P-0009-D-1 or o-ring P-0009-1

P-91203-K


Flatline Elbow 90° 91204-K

material: plastic
thread: M 25 x 2 mm inside thread
adhesive socket Ø : 20 mm
height: 43 mm
weight: 29 g

optionally available: flat packing P-0009-D-1 or o-ring P-0009-1

P-91204-K

Shower jet midi Flatline - structure 1



P-W-M00470-20
P-W-M00470-21
P-W-M00470-22
P-W-M00470-23
P-W-M00470-24
P-W-M00470-25
P-W-M00470-26
P-W-M00470-27
P-W-M00470-28
P-W-M00470-29

plastic

Color insert selection

 P-W-M00470-20	 P-W-M00470-21	 P-W-M00470-22	 P-W-M00470-23
 P-W-M00470-24	 P-W-M00470-25	 P-W-M00470-26	 P-W-M00470-27
 P-W-M00470-28	 P-W-M00470-29		



C-M00470-10



C-M10470-10

brass

 P-200108-1 P-200110-1	 P-200108-2 P-200110-2	 P-200110-5	 P-200110-3
 P-1101 P-1101-3 P-1101-1		 P-1101-2 P-1101-4	



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

FLATLine		SHOWER JET	Order No.	Price
	Flatline midi shower jet inner part series P-W-M00470-2X material: plastic outside Ø: 35 mm outlet for water: 6 hole (anti lime) weight: 10 g			
	variant color insert blue color insert grey color insert white color insert transparent color insert black color insert light green color insert dark green color insert yellow color insert red color insert violet	P-W-M00470-20 P-W-M00470-21 P-W-M00470-22 P-W-M00470-23 P-W-M00470-24 P-W-M00470-25 P-W-M00470-26 P-W-M00470-27 P-W-M00470-28 P-W-M00470-29		
	consists of: cover with color insert, o-ring (8 x 2 mm), ball connecting piece (P-2010-11), o-ring (12,1 x 1,6 mm), plastic ring (P-1005-23) suitable for: Flatline midi shower jet body: C-M00470-10, C-M10470-10 Other colors of the color insert on request!			
	Flatline shower jet body with brass nut M00470-10 material: brass drill Ø: 48 mm outside Ø: 52 mm height: 33 mm weight: 206 g		C-M00470-10	
	consists of: shower jet body, o-ring (20 x 2 mm), nut with safety screw suitable for: connection part 90°: P-1101 tee connection part: P-1101-2 connection part 90° with cartridge: P-200108-1, P-200110-1 tee connection part with cartridge: P-200108-2, P-200110-2 elbow connection part with cartridge: P-200110-5 3-fold connection part with cartridge: P-200110-3			

SHOWER JET

Order No.

Price

Flatline shower jet body with brass nut M10470-10
material: brass

drill Ø: 48 mm

outside: 50 mm

height: 35 mm

weight: 210 g

consists of:

shower jet body, o-ring (20 x 2 mm), nut with safety screw

suitable for:

connection part 90°: P-1101

tee connection part: P-1101-2

 connection part 90° with cartridge: P-200108-1,
P-200110-1

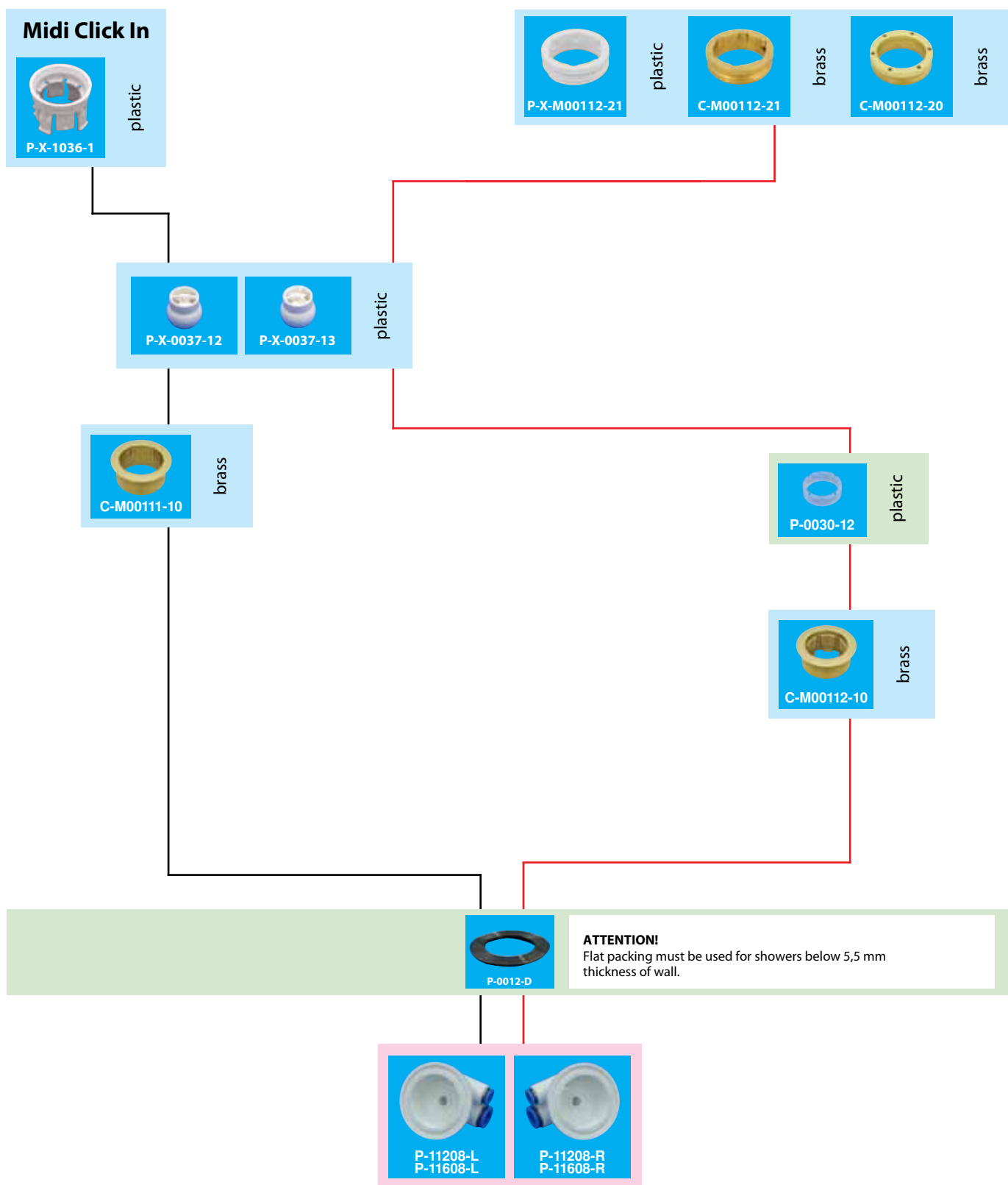
 tee connection part with cartridge: P-200108-2,
P-200110-2

elbow connection part with cartridge: P-200110-5

3-fold connection part with cartridge: P-200110-3



Shower jet midi Flatline - structure 2



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

SHOWER JET

Order No.

Price


Flatline midi click in inner part 1036-1

material: plastic
weight: 6 g
key: P-0030-10-20

suitable for:

Flatline midi click in jet body: C-M00111-10, C-M10111-10

The stated key is used only in combination with the plastic ball P-X-0030-11.

suitable plastic-balls see page 7.37 - 7.40

 P-W-1036-1
P-C-1036-1

Flatline midi inner part ring P-X-M00112-21

material: plastic
weight: 3 g
key: P-M00112-51

suitable for:

Flatline midi jet body: C-M00112-10, C-M00112-11, C-M00112-12

suitable balls see page 7.37 - 7.40

 P-W-M00112-21
P-C-M00112-21

Flatline midi inner part ring C-M00112-21

material: brass
weight: 22 g
key: P-M00112-51

suitable for:

Flatline midi jet body: C-M00112-10, C-M00112-11, C-M00112-12

suitable balls see page 7.37 - 7.40

C-M00112-21


Flatline midi inner part ring X-M00112-20

material: brass
weight: 23 g
key: P-M00112-50

suitable for:

Flatline midi jet body: C-M00112-10, C-M00112-11, C-M00112-12

suitable balls see page 7.37 - 7.40

C-M00112-20

	Flatline midi click in jet body M00111-10 material: brass outside Ø: 50 mm drill Ø: 41 mm key: P-M00111-50 <table> <tr> <th>wall thickness</th><th>overall length</th><th>thread length</th><th>weight</th></tr> <tr> <td>3,5 - 10 mm</td><td>23 mm</td><td>22 mm</td><td>67 g</td></tr> </table> suitable for: midi jet: P-0016, P-0016-L, P-0016-R, P-0016-A, P-0016-2-L, P-0016-2-R, P-0016-3-L, P-0016-3-R, P-0216, P-0017, P-0017-L, P-0017-R, P-0017-A, P-0017-2-L, P-0017-2-R, P-0017-3-L, P-0017-3-R, P-0017-4-L, P-0017-4-R, P-0017-6, P-0017-7 mini jet: P-0012, P-0013, P-0011 midi clip jet: P-1017, P-1017-L, P-1017-R, P-1117 cartridge jet: P-11208-L, P-11208-R, P-11608-L, P-11608-R, P-11212-1-L, P-11212-1-R, P-23212	wall thickness	overall length	thread length	weight	3,5 - 10 mm	23 mm	22 mm	67 g	C-M00111-10									
wall thickness	overall length	thread length	weight																
3,5 - 10 mm	23 mm	22 mm	67 g																
	Flatline midi jet body series M00112-XX with drain of the remaining water material: brass outside Ø: 50 mm drill Ø: 41 mm key: P-0143-10 <table> <tr> <th>wall thickness</th><th>overall length</th><th>thread length</th><th>weight</th></tr> <tr> <td>3,5 - 10 mm</td><td>21.5 mm</td><td>20 mm</td><td>82 g</td></tr> <tr> <td>12 - 18 mm</td><td>29.5 mm</td><td>28 mm</td><td>100 g</td></tr> <tr> <td>20 - 25 mm</td><td>36.5 mm</td><td>35 mm</td><td>117 g</td></tr> </table> suitable for: midi jet: P-0016, P-0016-L, P-0016-R, P-0016-A, P-0016-2-L, P-0016-2-R, P-0016-3-L, P-0016-3-R, P-0216, P-0017, P-0017-L, P-0017-R, P-0017-A, P-0017-2-L, P-0017-2-R, P-0017-3-L, P-0017-3-R, P-0017-4-L, P-0017-4-R, P-0017-6, P-0017-7 mini jet: P-0012, P-0013, P-0011 midi clip jet: P-1017, P-1017-L, P-1017-R, P-1117 cartridge jet: P-11208-L, P-11208-R, P-11608-L, P-11608-R, P-11212-1-L, P-11212-1-R, P-23212 swivel jet: P-0021 two way valve: P-73032-7, P-73132-7 multi way valve: P-73232-7 future jet: P-0025, P-0025-08	wall thickness	overall length	thread length	weight	3,5 - 10 mm	21.5 mm	20 mm	82 g	12 - 18 mm	29.5 mm	28 mm	100 g	20 - 25 mm	36.5 mm	35 mm	117 g	C-M00112-10 C-M00112-11 C-M00112-12	
wall thickness	overall length	thread length	weight																
3,5 - 10 mm	21.5 mm	20 mm	82 g																
12 - 18 mm	29.5 mm	28 mm	100 g																
20 - 25 mm	36.5 mm	35 mm	117 g																
	Flat packing 0012-D for midi, mini, future jet outside Ø: 66 mm thickness: 2 mm weight: 6 g suitable for: series P-0X16, P-0017, P-0011, P-0012, P-0013, P-1X17, P-11X08, P-11212, P-23212, P-0021, P-0025	P-0012-D																	



P-11208-L



P-11208-R



P-11608-L



P-11608-R

Cartridge Jet series 11X08

material: plastic
cartridge Ø: 8 mm air

variant	cartridge Ø	weight
close jet left	12 mm water	54 g
close jet right	12 mm water	54 g
close jet left	16 mm water	55 g
close jet right	16 mm water	55 g

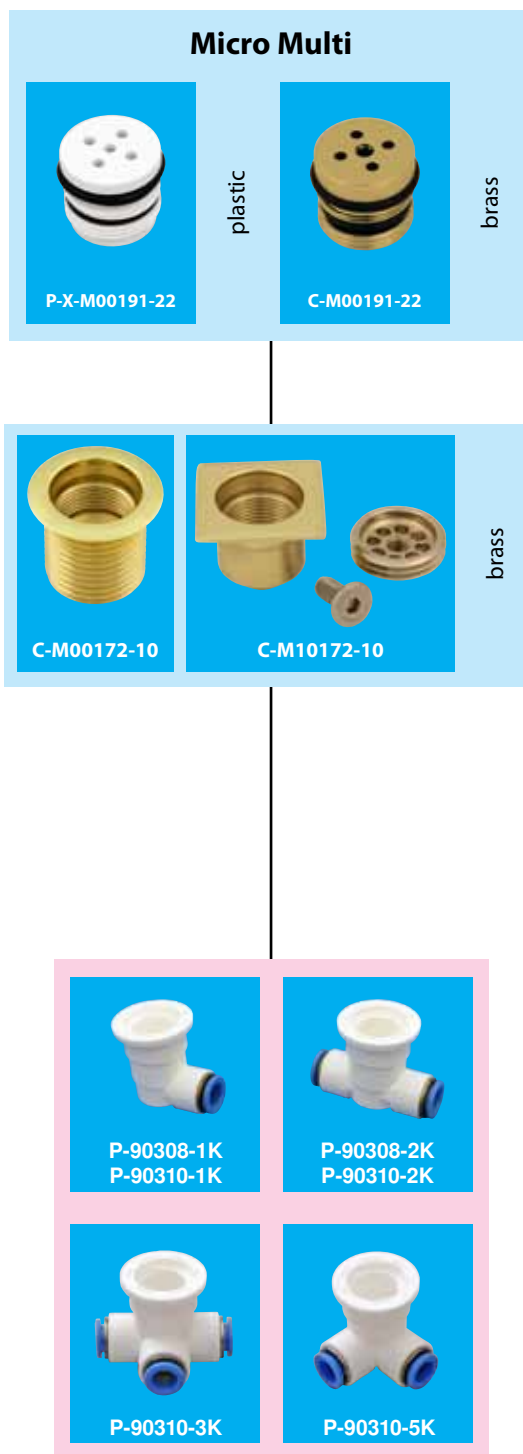
Order No.

Price

P-11208-L
P-11208-R
P-11608-L
P-11608-R

optionally available: flat packing P-0012-D or o-ring P-0012-1

Shower jet Flatline - structure



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

SHOWER JET

Order No.

Price

Flatline shower jet inner part P-X-M00191-22

material: plastic
outlet for water: 5 hole
weight: 2 g
key: P-M00172-50

inclusive:
 o-ring (12,1 x 1,6 mm, 12 x 2 mm)

suitable for:
 Flatline multi jet body: C-M00172-10, C-M00172-11,
 C-M00172-12, C-M00172-13,
 C-M10172-10



P-W-M00191-22
 P-C-M00191-22

Flatline shower jet inner part C-M00191-22

material: brass
outlet for water: 5 hole
wrench size: 2.5 mm hexagonal (hex key)
weight: 11 g

inclusive:
 o-ring (12,1 x 1,6 mm, 12 x 2 mm)

suitable for:
 Flatline multi jet body: C-M00172-10, C-M00172-11,
 C-M00172-12, C-M00172-13,
 C-M10172-10



C-M00191-22

Flatline multi jet body series M00172-XX

material: brass
outside Ø: 27 mm
thread: 1/2" outside thread
drill Ø: 22 mm
key: N-0144

wall thickness	overall length	thread length	weight
3 - 11 mm	23 mm	22 mm	24 g
14 - 22 mm	34 mm	33 mm	33 g
20 - 27 mm	39 mm	38 mm	37 g
26 - 33 mm	47 mm	45 mm	43 g

C-M00172-10
 C-M00172-11
 C-M00172-12
 C-M00172-13

suitable for:

elbow 90°:

P-90204-K, P-90204-L

tee:

 P-90203-K, P-90203-L,
 P-90206-K, P-90206-L,
 P-90216-K, P-90216-L

double elbow 90°:

P-90207-K, P-90207-L

connection part 90° with cartridge:

 P-90308-1K,
 P-90310-1K

tee connection part with cartridge:

 P-90308-2K,
 P-90310-2K

elbow connection part with cartridge:

P-90310-5K

3-fold connection part with cartridge:

P-90310-3K


Flatline multi jet body M10172-10

material: brass
outside: 27 mm
drill Ø: 22 mm
wall thickness: 4 - 16 mm
key: 3 mm hexagonal (hex key)

consists of:

body (C-M10172-11)

threaded ring (N-M10172-11)

screw (stainless steel, countersunk head M 5 x 8 mm)

suitable for:

elbow 90°:

P-90204-K, P-90204-L

tee:

 P-90203-K, P-90203-L,
 P-90206-K, P-90206-L,
 P-90216-K, P-90216-L

double elbow 90°:

P-90207-K, P-90207-L

connection part 90° with cartridge:

 P-90308-1K,
 P-90310-1K

tee connection part with cartridge:

 P-90308-2K,
 P-90310-2K

elbow connection part with cartridge:

P-90310-5K

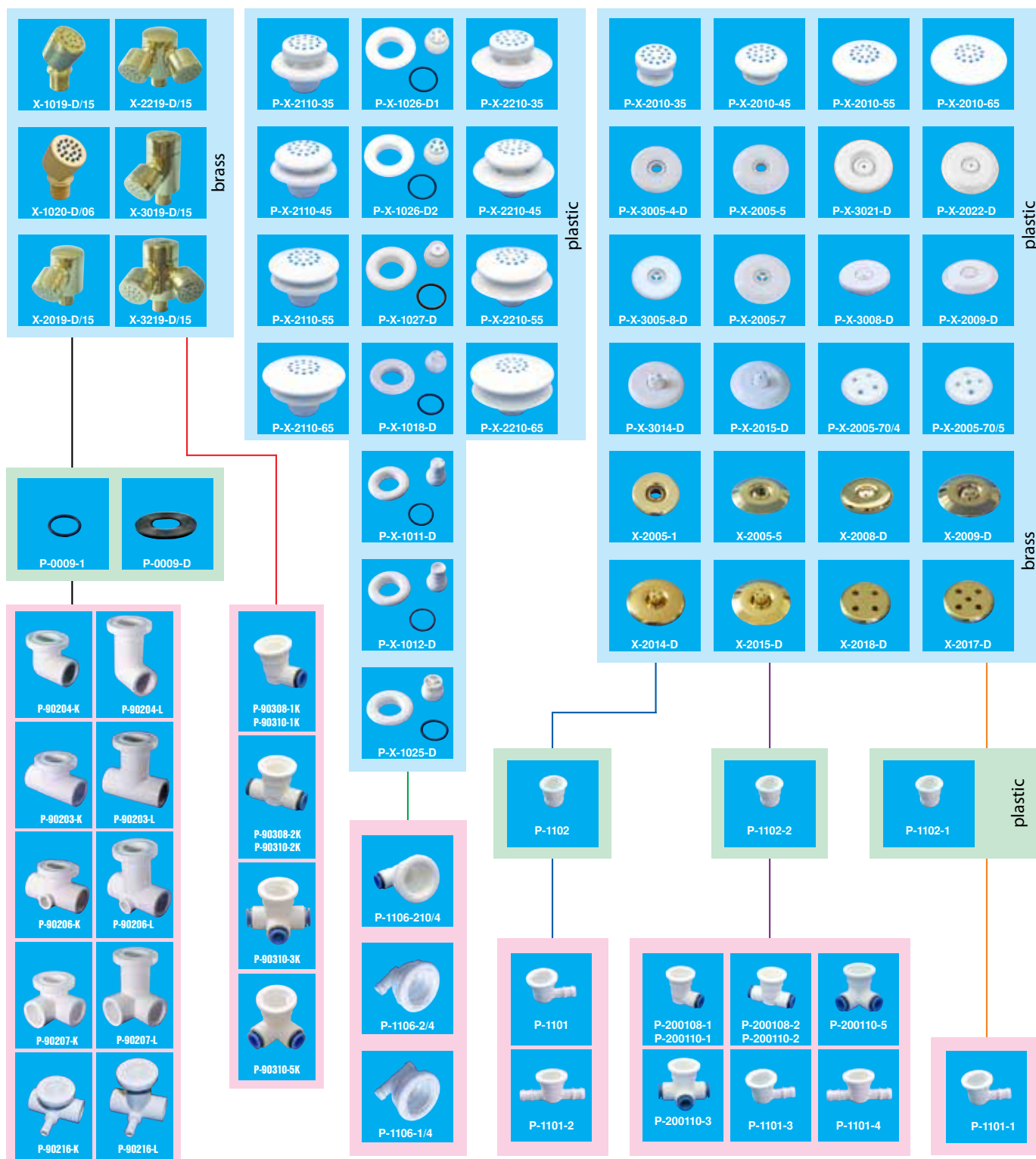
3-fold connection part with cartridge:

P-90310-3K



C-M10172-10

Shower jet structure



The suitable fittings and distributors for the pipe work are found in the chapter „Fitting“.

Please replace the X by the desired color code shown on the inside front cover legend!

SHOWER JET		Order No.	Price
	Shower jet easy blue micro 2010-35 material: plastic cover Ø: 32 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 35 mm weight: 13 g suitable for: jet body: P-1102	P-W-2010-35 P-C-2010-35	
	Shower jet easy blue micro 2010-45 material: plastic cover Ø: 32 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 45 mm weight: 14 g suitable for: jet body: P-1102	P-W-2010-45 P-C-2010-45	
	Shower jet easy blue micro 2010-55 material: plastic cover Ø: 32 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 55 mm weight: 16 g suitable for: jet body: P-1102	P-W-2010-55 P-C-2010-55	
	Shower jet easy blue micro 2010-65 material: plastic cover Ø: 32 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 65 mm weight: 20 g suitable for: jet body: P-1102	P-W-2010-65 P-C-2010-65	
	Shower jet micro 3005-4-D material: plastic cover Ø: 32 mm outlet for water: 1 hole weight: 3 g consists of: cover: P-X-3005-4 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102 Ball is built-in in click in technology.	P-W-3005-4-D P-C-3005-4-D	

SHOWER JET		Order No.	Price
	Shower jet micro P-X-2005-5 material: plastic cover Ø: 35 mm outlet for water: 1 hole weight: 3 g consists of: cover: P-X-1005-5 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2005-5 P-C-2005-5	
	Shower jet micro 3021-D material: plastic cover Ø: 32 mm outlet for water: fog form weight: 3 g consists of: cover: P-X-1005-42 ball: P-X-1005-27 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102 Ball is built-in in click in technology.	P-W-3021-D P-C-3021-D	
	Shower jet micro 2022-D material: plastic cover Ø: 35 mm outlet for water: fog form weight: 4 g consists of: cover: P-X-1005-50 ball: P-X-1005-27 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2022-D P-C-2022-D	
	Shower jet micro 3005-8-D material: plastic cover Ø: 32 mm outlet for water: 3 segments weight: 4 g consists of: cover: P-X-3005-8 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102 Ball is built-in in click in technology.	P-W-3005-8-D P-C-3005-8-D	
	Shower jet micro 2005-7 material: plastic cover Ø: 35 mm outlet for water: 3 segments weight: 4 g consists of: cover: P-X-1005-7 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2005-7 P-C-2005-7	

SHOWER JET		Order No.	Price
	Shower jet micro 3008-D material: plastic cover Ø: 32 mm outlet for water: 3 hole weight: 4 g consists of: cover: P-X-3008 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102 Ball is built-in in click in technology.	P-W-3008-D P-C-3008-D	
	Shower jet micro P-X-2009-D material: plastic cover Ø: 35 mm outlet for water: 3 hole weight: 4 g consists of: cover: P-X-2009 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2009-D P-C-2009-D	
	Shower jet micro 3014-D material: plastic cover Ø: 32 mm outlet for water: 3 hole weight: 4 g consists of: cover: P-X-3014 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102 Ball is built-in in click in technology.	P-W-3014-D P-C-3014-D	
	Shower jet micro P-X-2015-D material: plastic cover Ø: 35 mm outlet for water: 3 hole weight: 4 g consists of: cover: P-X-2015 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2015-D P-C-2015-D	
	Shower jet future micro 2005-70/4 material: plastic cover Ø: 30 mm outlet for water: 4 hole weight: 3 g consists of: cover: P-X-1005-70/4 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2005-70/4 P-C-2005-70/4	

SHOWER JET		Order No.	Price
	Shower jet future micro 2005-70/5 material: plastic cover Ø: 30 mm outlet for water: 5 hole weight: 4 g consists of: cover: P-X-1005-70/5 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	P-W-2005-70/5 P-C-2005-70/5	
	Shower jet micro 2005-1 material: brass cover Ø: 30 mm outlet for water: 1 hole weight: 20 g consists of: cover: X-1005-1 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2005-1 B-2005-1 G-2005-1 GP-2005-1 R-2005-1 W-2005-1	
	Shower jet micro X-2005-5 material: brass cover Ø: 35 mm outlet for water: 1 hole weight: 26 g consists of: cover: X-1005-5 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2005-5 B-2005-5 G-2005-5 GP-2005-5 R-2005-5 W-2005-5	
	Shower jet micro 2008-D material: brass cover Ø: 30 mm outlet for water: 3 hole weight: 23 g consists of: cover: X-2008 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2008-D B-2008-D G-2008-D GP-2008-D R-2008-D W-2008-D	
	Shower jet micro X-2009-D material: brass cover Ø: 35 mm outlet for water: 3 hole weight: 27 g consists of: cover: X-2009 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2009-D B-2009-D G-2009-D GP-2009-D R-2009-D W-2009-D	

SHOWER JET		Order No.	Price
	Shower jet micro 2014-D material: brass cover Ø: 30 mm outlet for water: 3 hole weight: 24 g consists of: cover: X-2014 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2014-D B-2014-D G-2014-D GP-2014-D R-2014-D W-2014-D	
	Shower jet micro X-2015-D material: brass cover Ø: 35 mm outlet for water: 3 hole weight: 27 g consists of: cover: X-2015 flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2015-D B-2015-D G-2015-D GP-2015-D R-2015-D W-2015-D	
	Shower jet future micro 2018-D material: brass cover Ø: 30 mm outlet for water: 4 hole weight: 28 g consists of: cover: X-1018-D flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2018-D B-2018-D G-2018-D GP-2018-D R-2018-D W-2018-D	
	Shower jet future micro 2017-D material: brass cover Ø: 30 mm outlet for water: 5 hole weight: 28 g consists of: cover: X-1017-D flat packing: 28 x 20 x 0,5 mm suitable for: jet body: P-1102	C-2017-D B-2017-D G-2017-D GP-2017-D R-2017-D W-2017-D	
	Jet body 1102 material: plastic key: N-0144 height 24 mm weight 3 g suitable for: connection part 90°: P-1101 tee connection part: P-1101-2	P-1102	

SHOWER JET		Order No.	Price
	Jet body 1102-2 material: plastic key: N-0144 height weight 29 mm 4 g suitable for: connection part 90°: P-1101-3 tee connection part: P-1101-4 connection part 90° with cartridge: P-200108-1, P-200110-1 tee connection part with cartridge: P-200108-2, P-200110-2 elbow connection part with cartridge: P-200110-5 3-fold connection part with cartridge: P-200110-3	P-1102-2	
	Jet body 1102-1 material: plastic key: N-0144 height weight 42 mm 6 g suitable for: connection part 90°: P-1101-1	P-1102-1	
	Connection part 90° 1101 material: plastic connection: 1-fold hose connection Ø: 12 mm height weight 31 mm 8 g suitable for hose P-019	P-1101	
	Connection part 90° 1101-3 material: plastic connection: 1-fold hose connection Ø: 12 mm height weight 37 mm 9 g suitable for hose P-019	P-1101-3	

SHOWER JET		Order No.	Price
	Connection part 90° 1101-1 material: plastic connection: 1-fold hose connection Ø: 12 mm height weight 56.5 mm 12 g suitable for hose P-019	P-1101-1	
	Tee connection part 1101-2 material: plastic connection: 2-fold hose connection Ø: 12 mm height weight 31 mm 9 g suitable for hose P-019	P-1101-2	
	Tee connection part 1101-4 material: plastic connection: 2-fold hose connection Ø: 12 mm height weight 37 mm 10 g suitable for hose P-019	P-1101-4	
	Connection part 90° with cartridge series 2001XX-1 material: plastic thread: 1/2" inside thread height: 42 mm connection: 1-fold cartridge Ø weight 8 mm 13 g 10 mm 14 g P-200108-1 P-200110-1		
	Tee connection part with cartridge series 2001XX-2 material: plastic thread: 1/2" inside thread height: 42 mm connection: 2-fold cartridge Ø weight 8 mm 18 g 10 mm 19 g P-200108-2 P-200110-2		

SHOWER JET		Order No.	Price
	Elbow connection part with cartridge 200110-5 material: plastic thread: 1/2" inside thread height: 42 mm connection: 2-fold cartridge Ø weight 10 mm 19 g	P-200110-5	
	3-fold connection part with cartridge 200110-3 material: plastic thread: 1/2" inside thread height: 42 mm connection: 3-fold cartridge Ø weight 10 mm 25 g		
	Clamping part 90300-1 for fixing connection- and magic jet rear parts material: plastic thickness: 7 mm weight: 7 g suitable for: connection part 90°: P-1101 tee connection part: P-1101-2 connection part 90° with cartridge: P-200108-1, P-200110-1, P-90308-1K, P-90310-1K tee connection part with cartridge: P-200108-2, P-200110-2, P-90308-2K, P-90310-2K elbow connection part with cartridge: P-200110-5, P-90310-5K 3-fold connection part with cartridge: P-200110-3, P-90310-3K magic jet: P-0024-2, P-0024 magic jet with cartridge: P-0027-08, P-0026-3	P-90300-1	

SHOWER JET		Order No.	Price
	Shower jet easy blue midi 2110-35 material: plastic cover Ø: 53 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 35 mm weight: 21 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2110-35 P-C-2110-35	
	Shower jet easy blue midi 2110-45 material: plastic cover Ø: 53 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 45 mm weight: 22 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2110-45 P-C-2110-45	
	Shower jet easy blue midi 2110-55 material: plastic cover Ø: 53 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 55 mm weight: 23 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2110-55 P-C-2110-55	
	Shower jet easy blue midi 2110-65 material: plastic cover Ø: 53 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 65 mm weight: 26 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2110-65 P-C-2110-65	
		P-W-1026-D1 P-C-1026-D1	
Shower jet midi 1026-D1 material: plastic cover Ø: 53 mm outlet for water: 5 hole (anti lime) weight: 13 g consists of: cover: P-X-0030-30 ball: P-X-1106-9 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4			

SHOWER JET		Order No.	Price
	Shower jet midi 1026-D2 material: plastic cover Ø: 53 mm outlet for water: 5 hole (anti lime) weight: 13 g consists of: cover: P-X-0030-30 ball: P-X-1106-10 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1026-D2 P-C-1026-D2	
	Shower jet midi 1027-D material: plastic cover Ø: 53 mm outlet for water: fog form weight: 12 g consists of: cover: P-X-0030-30 ball: P-X-1106-11 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1027-D P-C-1027-D	
	Shower jet midi 1018-D material: plastic cover Ø: 53 mm outlet for water: 3 hole weight: 12 g consists of: cover: P-X-0030-30 ball: P-X-1106-8 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1018-D P-C-1018-D	
	Shower jet midi 1011-D material: plastic cover Ø: 53 mm outlet for water: 3 hole weight: 14 g consists of: cover: P-X-0030-30 ball: P-X-1106-3 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1011-D P-C-1011-D	
	Shower jet midi 1012-D material: plastic cover Ø: 53 mm outlet for water: fan jet weight: 14 g consists of: cover: P-X-0030-30 ball: P-X-1106-7 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1012-D P-C-1012-D	

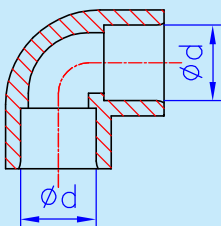
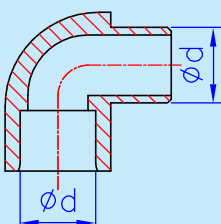
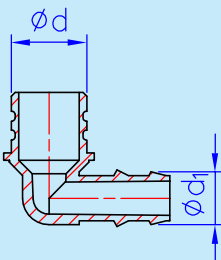
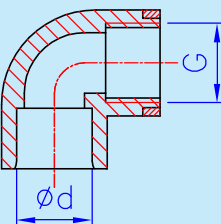
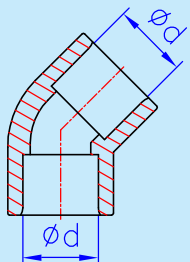
SHOWER JET		Order No.	Price
	Shower jet midi 1025-D material: plastic cover Ø: 53 mm outlet for water: rotating weight: 14 g consists of: cover: P-X-0030-30 ball: P-X-0037-13 o-ring: 25x3 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-1025-D P-C-1025-D	
	Shower jet easy blue mini 2210-35 material: plastic cover Ø: 63 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 35 mm weight: 23 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2210-35 P-C-2210-35	
	Shower jet easy blue mini 2210-45 material: plastic cover Ø: 63 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 45 mm weight: 24 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2210-45 P-C-2210-45	
	Shower jet easy blue mini 2210-55 material: plastic cover Ø: 63 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 55 mm weight: 25 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2210-55 P-C-2210-55	
	Shower jet easy blue mini 2210-65 material: plastic cover Ø: 63 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 65 mm weight: 28 g suitable for: shower jet body: P-1106-2/4, P-1106-1/4 shower jet body with cartridge: P-1106-210/4	P-W-2210-65 P-C-2210-65	

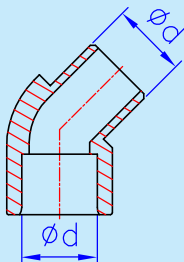
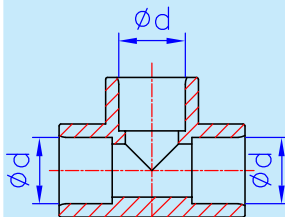
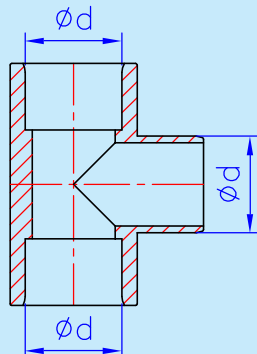
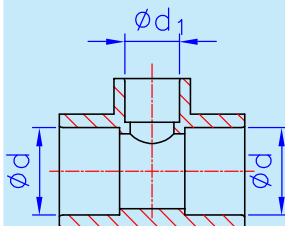
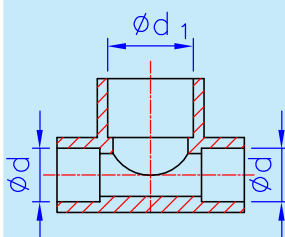
SHOWER JET		Order No.	Price
	Shower jet body with nut 1106-2/4 material: plastic wall thickness: 2 - 10 mm drill Ø: 43 mm height: 41 mm connection: 1-fold hose connection Ø: 12 mm weight: 19 g suitable for hose P-019	P-1106-2/4	
	Shower jet body with nut 1106-1/4 material: plastic wall thickness: 2 - 10 mm drill Ø: 43 mm height: 41 mm connection: 2-fold hose connection Ø: 12 mm weight: 19 g suitable for hose P-019	P-1106-1/4	
	Shower jet body with cartridge and nut 1106-210/4 material: plastic wall thickness: 2 - 10 mm drill Ø: 43 mm height: 41 mm connection: 1-fold cartridge Ø: 10 mm weight: 26 g	P-1106-210/4	
	Shower jet 1019-D/15 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 15 hole each Ø 1,5 mm nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 228 g	C-1019-D/15 B-1019-D/15 G-1019-D/15 GP-1019-D/15 R-1019-D/15 W-1019-D/15	
	Shower jet 1020-D/06 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 6 hole (anti lime) nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 207 g	C-1020-D/06 B-1020-D/06 G-1020-D/06 GP-1020-D/06 R-1020-D/06 W-1020-D/06	

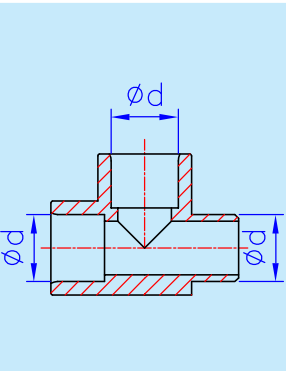
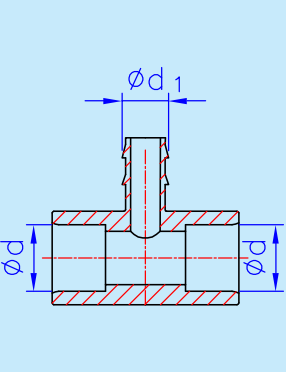
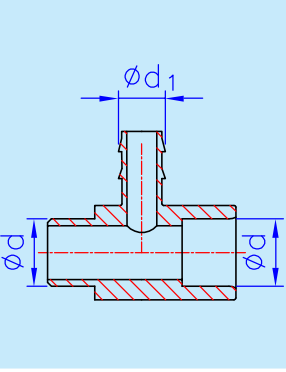
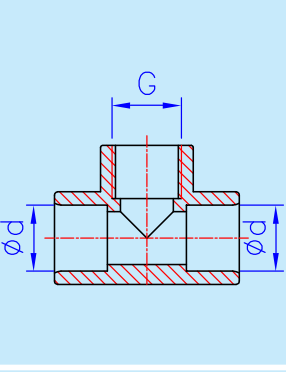
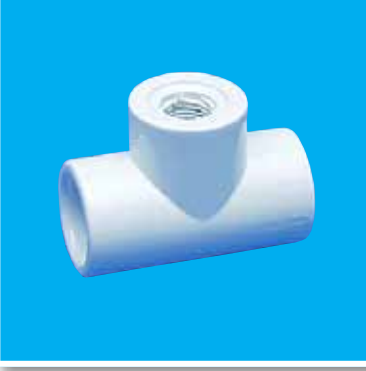
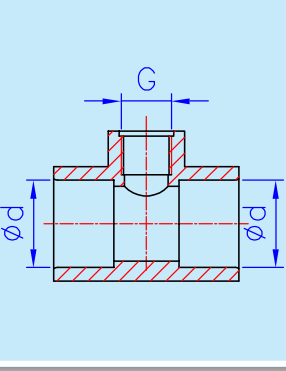
SHOWER JET		Order No.	Price
	Shower jet "neck-jet" 2019-D/15 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 15 hole each Ø 1,5 mm nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 818 g	C-2019-D/15 B-2019-D/15 G-2019-D/15 GP-2019-D/15 R-2019-D/15 W-2019-D/15	
	Shower jet "double-neck-jet" 2219-D/15 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 15 hole each Ø 1,5 mm per nozzle head nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 1 kg	C-2219-D/15 B-2219-D/15 G-2219-D/15 GP-2219-D/15 R-2219-D/15 W-2219-D/15	
	Shower jet "neck-jet" adjustable 3019-D/15 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 15 hole each Ø 1,5 mm nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 962 g flow rate adjustable from 0 up to maximum	C-3019-D/15 B-3019-D/15 G-3019-D/15 GP-3019-D/15 R-3019-D/15 W-3019-D/15	
	Shower jet "double-neck-jet" adjustable 3219-D/15 swivelling (up to max. 30°) material: brass drill Ø: 22 mm outlet for water: 15 hole each Ø 1,5 mm per nozzle head nozzle head Ø: 36 mm connection: 1/2" outside thread weight: 1.2 kg flow rate adjustable from 0 up to maximum	C-3219-D/15 B-3219-D/15 G-3219-D/15 GP-3219-D/15 R-3219-D/15 W-3219-D/15	
	Elbow 90° series 90204 material: plastic thread: 1/2" inside thread adhesive socket Ø: 20 mm height weight 43 mm 31 g 64 mm 42 g optionally available: flat packing P-0009-D or o-ring P-0009-1	P-90204-K P-90204-L	

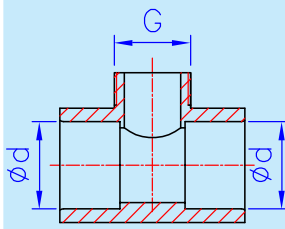
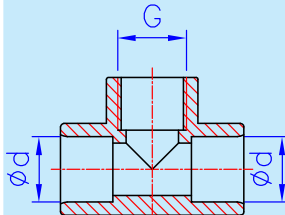
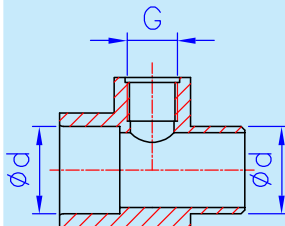
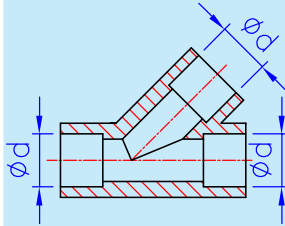
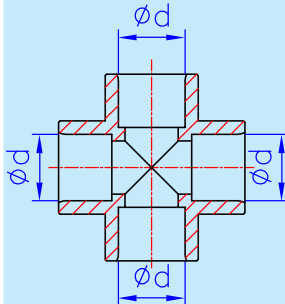
SHOWER JET		Order No.	Price
	Tee series 90203 material: plastic thread: 1/2" inside thread adhesive socket Ø: 20 mm height weight 43 mm 38 g 64 mm 49 g optionally available: flat packing P-0009-D or o-ring P-0009-1	P-90203-K P-90203-L	
	Tee series 90206 material: plastic thread: 1/2" inside thread adhesive socket Ø: 20 mm drain for remaining water connection Ø: 10 mm height weight 43 mm 38 g 64 mm 50 g optionally available: flat packing P-0009-D or o-ring P-0009-1	P-90206-K P-90206-L	
	Double elbow 90° series 90207 material: plastic thread: 1/2" inside thread adhesive socket Ø: 20 mm height weight 43 mm 37 g 64 mm 50 g optionally available: flat packing P-0009-D or o-ring P-0009-1	P-90207-K P-90207-L	
	Flat packing for air jets 0009-D outside Ø: 45 mm thickness: 3.5 mm weight: 5 g suitable for: elbow: series P-90204 tee: series P-90203, P-90206, P-90216 double elbow: series P-90207	P-0009-D	
	O-ring 0009-1 dimension: 29,75 x 3,53 mm weight: 1 g suitable for: elbow: series P-90204 tee: series P-90203, P-90206, P-90216 double elbow: series P-90207 micro jet: series P-0003 micro clip jet: series P-1X06 micro cartridge jet: series P-2601212	P-0009-1	

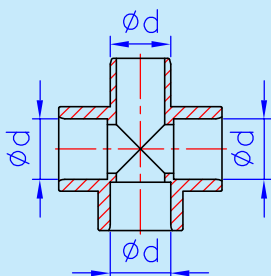
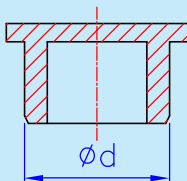
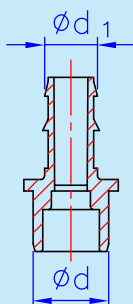
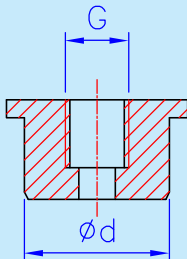
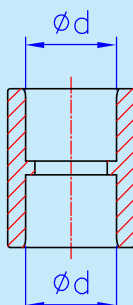
SHOWER JET		Order No.	Price						
	Connection part 90° with cartridge series 903XX-1K thread: 1/2" inside thread height: 42 mm <table><tr><td>cartridge Ø</td><td>weight</td></tr><tr><td>8 mm</td><td>13 g</td></tr><tr><td>10 mm</td><td>14 g</td></tr></table>	cartridge Ø	weight	8 mm	13 g	10 mm	14 g	P-90308-1K P-90310-1K	
cartridge Ø	weight								
8 mm	13 g								
10 mm	14 g								
	Tee connection part with cartridge series 903XX-2K thread: 1/2" inside thread height: 42 mm <table><tr><td>cartridge Ø</td><td>weight</td></tr><tr><td>8 mm</td><td>19 g</td></tr><tr><td>10 mm</td><td>20 g</td></tr></table>	cartridge Ø	weight	8 mm	19 g	10 mm	20 g	P-90308-2K P-90310-2K	
cartridge Ø	weight								
8 mm	19 g								
10 mm	20 g								
	Elbow connection part with cartridge 90310-5K thread: 1/2" inside thread height: 42 mm <table><tr><td>cartridge Ø</td><td>weight</td></tr><tr><td>10 mm</td><td>21 g</td></tr></table>	cartridge Ø	weight	10 mm	21 g	P-90310-5K			
cartridge Ø	weight								
10 mm	21 g								
	3-fold connection part with cartridge 90310-3K thread: 1/2" inside thread height: 42 mm <table><tr><td>cartridge Ø</td><td>weight</td></tr><tr><td>10 mm</td><td>27 g</td></tr></table>	cartridge Ø	weight	10 mm	27 g	P-90310-3K			
cartridge Ø	weight								
10 mm	27 g								

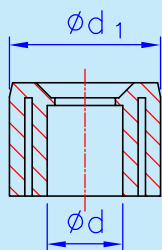
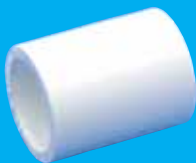
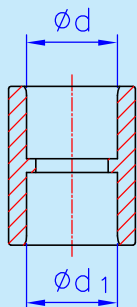
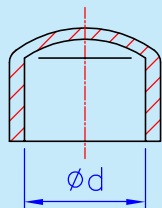
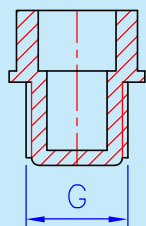
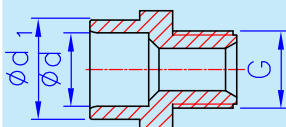
FITTING			Order No.	Price									
		Elbow 90° series 600990 adhesive socket <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>23 g</td></tr><tr><td>32 mm</td><td>56 g</td></tr></table>	Ød	weight	20 mm	23 g	32 mm	56 g	P-650110 P-650130				
Ød	weight												
20 mm	23 g												
32 mm	56 g												
		Elbow 90° series 600990/A fitting in fitting <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>20 g</td></tr><tr><td>32 mm</td><td>50 g</td></tr></table>	Ød	weight	20 mm	20 g	32 mm	50 g	P-650110/A P-650130/A				
Ød	weight												
20 mm	20 g												
32 mm	50 g												
		Elbow 90° 12120-3 type of connection: gluing <table><tr><th>Ød</th><th>clip on system Ød1</th><th>weight</th></tr><tr><td>20 mm</td><td>12 mm</td><td>7 g</td></tr></table>	Ød	clip on system Ød1	weight	20 mm	12 mm	7 g	P-12120-3				
Ød	clip on system Ød1	weight											
20 mm	12 mm	7 g											
		Elbow 90° increased series 601110 <table><tr><th>Ød</th><th>thread (G)</th><th>weight</th></tr><tr><td>20 mm</td><td>1/2" inside thread</td><td>35 g</td></tr><tr><td>32 mm</td><td>1" inside thread</td><td>84 g</td></tr></table>	Ød	thread (G)	weight	20 mm	1/2" inside thread	35 g	32 mm	1" inside thread	84 g	P-601110 P-650260	
Ød	thread (G)	weight											
20 mm	1/2" inside thread	35 g											
32 mm	1" inside thread	84 g											
		Elbow 45° series 601290 adhesive socket <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>20 g</td></tr><tr><td>32 mm</td><td>49 g</td></tr></table>	Ød	weight	20 mm	20 g	32 mm	49 g	P-601300 P-650310				
Ød	weight												
20 mm	20 g												
32 mm	49 g												

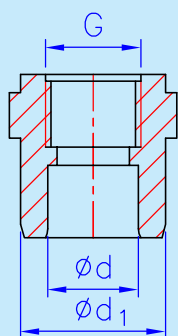
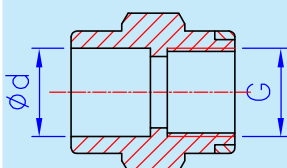
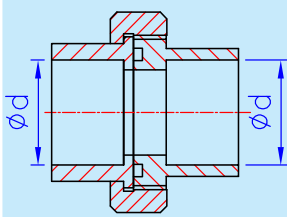
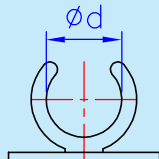
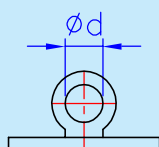
FITTING			Order No.	Price						
		Elbow 45° series 601290/A fitting in fitting <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>16 g</td></tr><tr><td>32 mm</td><td>38 g</td></tr></table>	Ød	weight	20 mm	16 g	32 mm	38 g	P-601300/A P-650310/A	
Ød	weight									
20 mm	16 g									
32 mm	38 g									
		Tee 90° series 602580 adhesive socket <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>31 g</td></tr><tr><td>32 mm</td><td>78 g</td></tr></table>	Ød	weight	20 mm	31 g	32 mm	78 g	P-650610 P-650630	
Ød	weight									
20 mm	31 g									
32 mm	78 g									
		Tee 90° series 602580/C fitting in fitting <table><tr><th>Ød</th><th>weight</th></tr><tr><td>32 mm</td><td>70 g</td></tr></table>	Ød	weight	32 mm	70 g	P-650630/B			
Ød	weight									
32 mm	70 g									
		Tee 90° reduced 650830 <table><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr><tr><td>32 mm</td><td>20 mm</td><td>59 g</td></tr></table>	Ød	Ød1	weight	32 mm	20 mm	59 g	P-650830	
Ød	Ød1	weight								
32 mm	20 mm	59 g								
		Tee 90° reduced 90205 <table><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr><tr><td>20 mm</td><td>32 mm</td><td>49 g</td></tr></table>	Ød	Ød1	weight	20 mm	32 mm	49 g	P-90205	
Ød	Ød1	weight								
20 mm	32 mm	49 g								

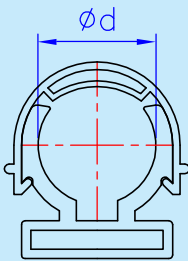
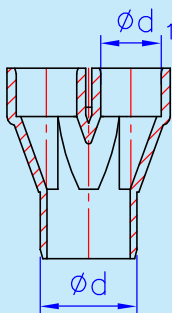
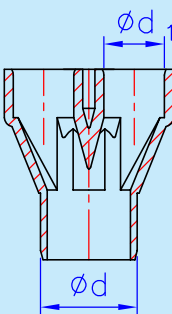
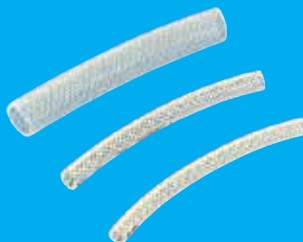
FITTING			Order No.	Price
		Tee 90° series 650610/A fitting in fitting Ød weight 20 mm 29 g 32 mm 72 g	P-650610/A P-650630/A	
		Tee 90° 650610/E Ød hose connection Ød1 weight 20 mm 12 mm 29 g	P-650610/E	
		Tee 90° reduced 650610/D fitting in fitting Ød hose connection Ød1 weight 20 mm 12 mm 25 g	P-650610/D	
		Tee 90° increased series 602710 Ød thread (G) weight 20 mm 1/2" inside thread 34 g 32 mm 1" inside thread 92 g	P-602710 P-651150	
		Tee 90° series 602705 Ød thread (G) weight 20 mm 1/4" inside thread 35 g 32 mm 1/4" inside thread 64 g	P-602705 P-650830/C	

FITTING			Order No.	Price
		Tee 90° 650831 Ød thread (G) weight 32 mm 1/2" outside thread 56 g	P-650831	
		Tee 90° 602710-1 Ød thread (G) weight 20 mm 1/2" inside thread 30 g	P-602710-1	
		Tee 90° 650830/A fitting in fitting Ød thread (G) weight 32 mm 1/4" inside thread 56 g	P-650830/A	
		Tee 45° series 602870 adhesive socket Ød weight 20 mm 40 g 32 mm 111 g	P-602870 P-602900	
		Cross piece series 602947 adhesive socket Ød weight 20 mm 33 g 32 mm 89 g	P-533980 P-602960	

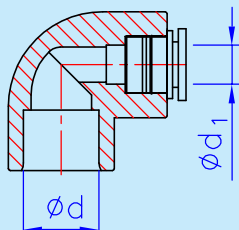
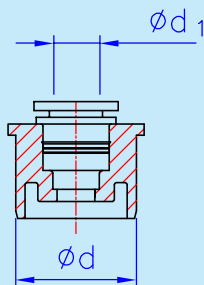
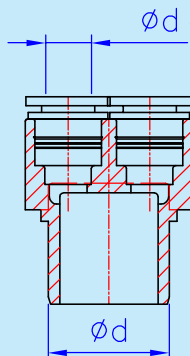
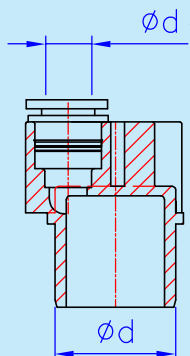
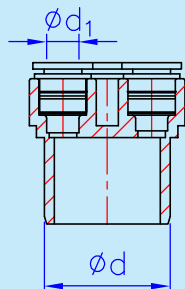
FITTING			Order No.	Price															
		Cross piece 533980/A fitting in fitting <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>32 g</td></tr></table>	Ød	weight	20 mm	32 g	P-533980/A												
Ød	weight																		
20 mm	32 g																		
		Stopper series 1010 <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>6 g</td></tr><tr><td>32 mm</td><td>14 g</td></tr></table>	Ød	weight	20 mm	6 g	32 mm	14 g	P-0014 P-0015										
Ød	weight																		
20 mm	6 g																		
32 mm	14 g																		
		Stopper series 0014-4 <table><tr><th>Ød</th><th>hose connection Ød1</th><th>weight</th></tr><tr><td>20 mm</td><td>12 mm</td><td>8 g</td></tr></table>	Ød	hose connection Ød1	weight	20 mm	12 mm	8 g	P-0014-4										
Ød	hose connection Ød1	weight																	
20 mm	12 mm	8 g																	
		Thread reduction series 0014-3 <table><tr><th>Ød</th><th>thread (G)</th><th>weight</th></tr><tr><td>20 mm</td><td>1/4" inside thread</td><td>6 g</td></tr><tr><td>32 mm</td><td>1/4" inside thread</td><td>16 g</td></tr><tr><td>32 mm</td><td>1/2" inside thread</td><td>16 g</td></tr><tr><td>32 mm</td><td>3/4" inside thread</td><td>10 g</td></tr></table>	Ød	thread (G)	weight	20 mm	1/4" inside thread	6 g	32 mm	1/4" inside thread	16 g	32 mm	1/2" inside thread	16 g	32 mm	3/4" inside thread	10 g	P-0014-3 P-0015-1 P-0015-2 P-0015-3	
Ød	thread (G)	weight																	
20 mm	1/4" inside thread	6 g																	
32 mm	1/4" inside thread	16 g																	
32 mm	1/2" inside thread	16 g																	
32 mm	3/4" inside thread	10 g																	
		Adhesive socket series 652000 <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>14 g</td></tr><tr><td>32 mm</td><td>35 g</td></tr></table>	Ød	weight	20 mm	14 g	32 mm	35 g	P-652010 P-652030										
Ød	weight																		
20 mm	14 g																		
32 mm	35 g																		

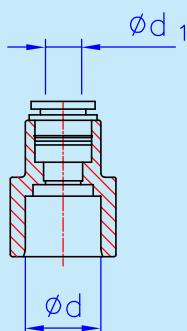
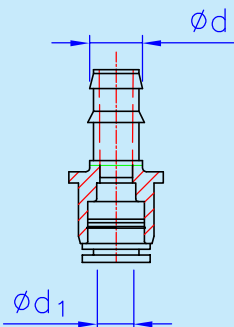
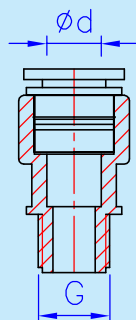
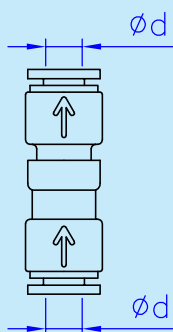
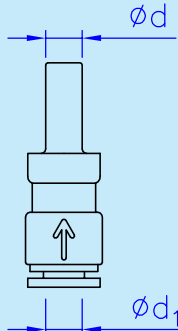
FITTING			Order No.	Price																
		Reduction series 654310 <table><thead><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr></thead><tbody><tr><td>20 mm</td><td>32 mm</td><td>12 g</td></tr><tr><td>20 mm</td><td>1"</td><td>18 g</td></tr></tbody></table>	Ød	Ød1	weight	20 mm	32 mm	12 g	20 mm	1"	18 g	P-654310 P-654320								
Ød	Ød1	weight																		
20 mm	32 mm	12 g																		
20 mm	1"	18 g																		
		Reduction metric - inch series 652010-1/2 adhesive socket <table><thead><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr></thead><tbody><tr><td>1/2"</td><td>20 mm</td><td>13 g</td></tr><tr><td>1"</td><td>32 mm</td><td>33 g</td></tr></tbody></table>	Ød	Ød1	weight	1/2"	20 mm	13 g	1"	32 mm	33 g	P-652010-1/2 P-652030-1								
Ød	Ød1	weight																		
1/2"	20 mm	13 g																		
1"	32 mm	33 g																		
		Cap series 654040 <table><thead><tr><th>Ød</th><th>weight</th></tr></thead><tbody><tr><td>20 mm</td><td>7 g</td></tr><tr><td>32 mm</td><td>15 g</td></tr></tbody></table>	Ød	weight	20 mm	7 g	32 mm	15 g	P-654040 P-654060											
Ød	weight																			
20 mm	7 g																			
32 mm	15 g																			
		Screw plug 90220 <table><thead><tr><th>thread (G)</th><th>weight</th></tr></thead><tbody><tr><td>1/4" outside thread</td><td>2 g</td></tr></tbody></table> inclusive: o-ring (10,78 x 2,62 mm)	thread (G)	weight	1/4" outside thread	2 g	P-90220													
thread (G)	weight																			
1/4" outside thread	2 g																			
		Adaption socket nipple series 653010 <table><thead><tr><th>Ød</th><th>Ød1</th><th>thread (G)</th><th>weight</th></tr></thead><tbody><tr><td>20 mm</td><td>-</td><td>1/2" outside thread</td><td>17 g</td></tr><tr><td>32 mm</td><td>40 mm</td><td>3/4" outside thread</td><td>36 g</td></tr><tr><td>32 mm</td><td>40 mm</td><td>1" outside thread</td><td>40 g</td></tr></tbody></table>	Ød	Ød1	thread (G)	weight	20 mm	-	1/2" outside thread	17 g	32 mm	40 mm	3/4" outside thread	36 g	32 mm	40 mm	1" outside thread	40 g	P-653010 P-653030 P-653040	
Ød	Ød1	thread (G)	weight																	
20 mm	-	1/2" outside thread	17 g																	
32 mm	40 mm	3/4" outside thread	36 g																	
32 mm	40 mm	1" outside thread	40 g																	

FITTING				Order No.	Price								
		Adaption socket 603215 <table><tr><th>Ød</th><th>Ød1</th><th>thread (G)</th><th>weight</th></tr><tr><td>20 mm</td><td>32 mm</td><td>1/2" inside thread</td><td>24 g</td></tr></table>	Ød	Ød1	thread (G)	weight	20 mm	32 mm	1/2" inside thread	24 g	P-603215		
Ød	Ød1	thread (G)	weight										
20 mm	32 mm	1/2" inside thread	24 g										
		Adaption socket increased series 603210 <table><tr><th>Ød</th><th>thread (G)</th><th>weight</th></tr><tr><td>20 mm</td><td>1/2" inside thread</td><td>28 g</td></tr><tr><td>32 mm</td><td>1" inside thread</td><td>62 g</td></tr></table>	Ød	thread (G)	weight	20 mm	1/2" inside thread	28 g	32 mm	1" inside thread	62 g	P-603210 P-653630	
Ød	thread (G)	weight											
20 mm	1/2" inside thread	28 g											
32 mm	1" inside thread	62 g											
		Union series 600030 <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>36 g</td></tr><tr><td>32 mm</td><td>90 g</td></tr></table>	Ød	weight	20 mm	36 g	32 mm	90 g	P-600030 P-650040				
Ød	weight												
20 mm	36 g												
32 mm	90 g												
		Adhesive pipe clip series 606710 for polyesterering <table><tr><th>Ød</th><th>weight</th></tr><tr><td>20 mm</td><td>4 g</td></tr><tr><td>32 mm</td><td>6 g</td></tr></table>	Ød	weight	20 mm	4 g	32 mm	6 g	P-606720 P-606732				
Ød	weight												
20 mm	4 g												
32 mm	6 g												
		Fastening part 606711 for cables and hoses <table><tr><th>Ød</th><th>weight</th></tr><tr><td>10 mm</td><td>3 g</td></tr></table>	Ød	weight	10 mm	3 g	P-606711						
Ød	weight												
10 mm	3 g												

FITTING			Order No.	Price												
		Pipe clip to screw-on series 606730 to screw-on <table><thead><tr><th></th><th>Ød</th><th>weight</th></tr></thead><tbody><tr><td>pipe clip Ø 20 mm</td><td></td><td>6 g</td></tr><tr><td>pipe clip Ø 32 mm</td><td></td><td>8 g</td></tr><tr><td>complete Ø 32 mm</td><td></td><td>10 g</td></tr></tbody></table>		Ød	weight	pipe clip Ø 20 mm		6 g	pipe clip Ø 32 mm		8 g	complete Ø 32 mm		10 g	P-606729 P-606730-1 P-606730	
	Ød	weight														
pipe clip Ø 20 mm		6 g														
pipe clip Ø 32 mm		8 g														
complete Ø 32 mm		10 g														
		Distributor 2-fold 32220/A fitting in fitting <table><thead><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr></thead><tbody><tr><td>32 mm</td><td>20 mm</td><td>29 g</td></tr></tbody></table>	Ød	Ød1	weight	32 mm	20 mm	29 g	P-32220/A							
Ød	Ød1	weight														
32 mm	20 mm	29 g														
		Distributor 3-fold 32320/A fitting in fitting <table><thead><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr></thead><tbody><tr><td>32 mm</td><td>20 mm</td><td>35 g</td></tr></tbody></table>	Ød	Ød1	weight	32 mm	20 mm	35 g	P-32320/A							
Ød	Ød1	weight														
32 mm	20 mm	35 g														
		Pipe series 100 material: plastic <table><thead><tr><th>OD</th><th>color</th><th>weight</th></tr></thead><tbody><tr><td>20 mm</td><td>white</td><td>160 g</td></tr><tr><td>32 mm</td><td>white</td><td>307 g</td></tr></tbody></table>	OD	color	weight	20 mm	white	160 g	32 mm	white	307 g	P-200-K P-300-K				
OD	color	weight														
20 mm	white	160 g														
32 mm	white	307 g														
		Hose series 016 with fabric lining material: plastic color: transparent <table><thead><tr><th>OD</th><th>ID</th><th>weight</th></tr></thead><tbody><tr><td>16 mm</td><td>10 mm</td><td>141 g</td></tr></tbody></table> for quantities less than 50 m, add on 20% extra charge	OD	ID	weight	16 mm	10 mm	141 g	P-016							
OD	ID	weight														
16 mm	10 mm	141 g														

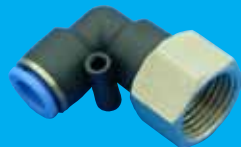
FITTING			Order No.	Price									
		Hose series 020 rolled material: plastic color: white <table><tr><th>OD</th><th>weight</th></tr><tr><td>20 mm</td><td>190 g</td></tr><tr><td>32 mm</td><td>394 g</td></tr></table> for quantities less than 30 m, add on 20% extra charge	OD	weight	20 mm	190 g	32 mm	394 g	P-020 P-032				
OD	weight												
20 mm	190 g												
32 mm	394 g												
		Hose series 020-350 straight - not rolled material: plastic color: white <table><tr><th>OD</th><th>length</th><th>weight</th></tr><tr><td>20 mm</td><td>3500 mm</td><td>700 g</td></tr><tr><td>32 mm</td><td>3500 mm</td><td>1470 g</td></tr></table>	OD	length	weight	20 mm	3500 mm	700 g	32 mm	3500 mm	1470 g	P-020-350 P-032-350	
OD	length	weight											
20 mm	3500 mm	700 g											
32 mm	3500 mm	1470 g											
		Hose band clip 1117 <table><tr><th>variant</th><th>weight</th></tr><tr><td>Ø 11 - 17 mm</td><td>10 g</td></tr></table>	variant	weight	Ø 11 - 17 mm	10 g	1117						
variant	weight												
Ø 11 - 17 mm	10 g												
		One ear hose clip series 11703 material: steel galvanized <table><tr><th>variant</th><th>weight</th></tr><tr><td>up to 19 mm</td><td>3 g</td></tr></table>	variant	weight	up to 19 mm	3 g	VZ-12103						
variant	weight												
up to 19 mm	3 g												
		One ear hose clip 2103 material: stainless steel <table><tr><th>variant</th><th>weight</th></tr><tr><td>up to 19 mm</td><td>3 g</td></tr></table>	variant	weight	up to 19 mm	3 g	ST-2103						
variant	weight												
up to 19 mm	3 g												

FITTING			Order No.	Price															
		Elbow 90° with cartridge series 600990-08 <table><tr><th>Ød</th><th>cartridge Ø</th><th>weight</th></tr><tr><td>20 mm</td><td>8 mm</td><td>29 g</td></tr><tr><td>20 mm</td><td>10 mm</td><td>31 g</td></tr></table>	Ød	cartridge Ø	weight	20 mm	8 mm	29 g	20 mm	10 mm	31 g	P-650110-08 P-650110-10							
Ød	cartridge Ø	weight																	
20 mm	8 mm	29 g																	
20 mm	10 mm	31 g																	
		Adhesive stopper with cartridge 1-fold series 2020XX-1 <table><tr><th>Ød</th><th>cartridge Ø</th><th>weight</th></tr><tr><td>20 mm</td><td>8 mm</td><td>9 g</td></tr><tr><td>20 mm</td><td>10 mm</td><td>9 g</td></tr><tr><td>32 mm</td><td>8 mm</td><td>18 g</td></tr><tr><td>32 mm</td><td>10 mm</td><td>19 g</td></tr></table>	Ød	cartridge Ø	weight	20 mm	8 mm	9 g	20 mm	10 mm	9 g	32 mm	8 mm	18 g	32 mm	10 mm	19 g	P-202008-1 P-202010-1 P-203208-1 P-203210-1	
Ød	cartridge Ø	weight																	
20 mm	8 mm	9 g																	
20 mm	10 mm	9 g																	
32 mm	8 mm	18 g																	
32 mm	10 mm	19 g																	
		Adhesive stopper with cartridge 2-fold series 2032XX-2 <table><tr><th>Ød</th><th>cartridge Ø</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>19 g</td></tr><tr><td>32 mm</td><td>10 mm</td><td>25 g</td></tr></table>	Ød	cartridge Ø	weight	32 mm	8 mm	19 g	32 mm	10 mm	25 g	P-203208-2 P-203210-2							
Ød	cartridge Ø	weight																	
32 mm	8 mm	19 g																	
32 mm	10 mm	25 g																	
		Adhesive stopper with cartridge 3-fold series 2032XX-3 <table><tr><th>Ød</th><th>cartridge Ø</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>23 g</td></tr><tr><td>32 mm</td><td>10 mm</td><td>36 g</td></tr></table>	Ød	cartridge Ø	weight	32 mm	8 mm	23 g	32 mm	10 mm	36 g	P-203208-3 P-203210-3							
Ød	cartridge Ø	weight																	
32 mm	8 mm	23 g																	
32 mm	10 mm	36 g																	
		Adhesive stopper with cartridge 4-fold 203208-4 <table><tr><th>Ød</th><th>cartridge Ø</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>27 g</td></tr></table>	Ød	cartridge Ø	weight	32 mm	8 mm	27 g	P-203208-4										
Ød	cartridge Ø	weight																	
32 mm	8 mm	27 g																	

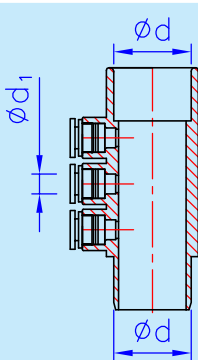
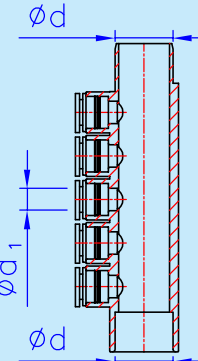
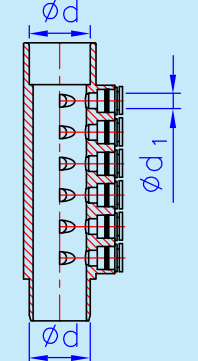
FITTING			Order No.	Price									
		Socket with cartridge series 72033-XX <table><tr><th>ϕd</th><th>cartridge ϕ</th><th>weight</th></tr><tr><td>20 mm</td><td>8 mm</td><td>14 g</td></tr><tr><td>20 mm</td><td>10 mm</td><td>17 g</td></tr></table>	ϕd	cartridge ϕ	weight	20 mm	8 mm	14 g	20 mm	10 mm	17 g	P-72033-08 P-72033-10	
ϕd	cartridge ϕ	weight											
20 mm	8 mm	14 g											
20 mm	10 mm	17 g											
		Adaption nipple 001410-1 change over from clip on system to cartridge system <table><tr><th>clip on system ϕ</th><th>cartridge ϕ</th><th>weight</th></tr><tr><td>15 mm</td><td>10 mm</td><td>12 g</td></tr></table>	clip on system ϕ	cartridge ϕ	weight	15 mm	10 mm	12 g	P-001410-1				
clip on system ϕ	cartridge ϕ	weight											
15 mm	10 mm	12 g											
		Cartridge connection with thread 90219-10 <table><tr><th>cartridge ϕ</th><th>thread (G)</th><th>weight</th></tr><tr><td>10 mm</td><td>1/4" outside thread</td><td>8 g</td></tr></table> inclusive: o-ring (10,78 x 2,62 mm)	cartridge ϕ	thread (G)	weight	10 mm	1/4" outside thread	8 g	P-90219-10				
cartridge ϕ	thread (G)	weight											
10 mm	1/4" outside thread	8 g											
		Check valve with cartridge series 71108 flow direction fixed (marked with an arrow) operating temperature: 60 °C (max.) working pressure: 0 - 2 bar <table><tr><th>cartridge ϕ</th><th>weight</th></tr><tr><td>8 mm</td><td>9 g</td></tr><tr><td>10 mm</td><td>14 g</td></tr></table>	cartridge ϕ	weight	8 mm	9 g	10 mm	14 g	P-71108 P-71110				
cartridge ϕ	weight												
8 mm	9 g												
10 mm	14 g												
		Check valve with cartridge series 71104/A fitting in fitting flow direction fixed (marked with an arrow) operating temperature: 60 °C (max.) working pressure: 0 - 2 bar <table><tr><th>ϕd</th><th>cartridge ϕ</th><th>weight</th></tr><tr><td>8 mm</td><td>8 mm</td><td>5 g</td></tr><tr><td>10 mm</td><td>10 mm</td><td>8 g</td></tr></table>	ϕd	cartridge ϕ	weight	8 mm	8 mm	5 g	10 mm	10 mm	8 g	P-71108/A P-71110/A	
ϕd	cartridge ϕ	weight											
8 mm	8 mm	5 g											
10 mm	10 mm	8 g											

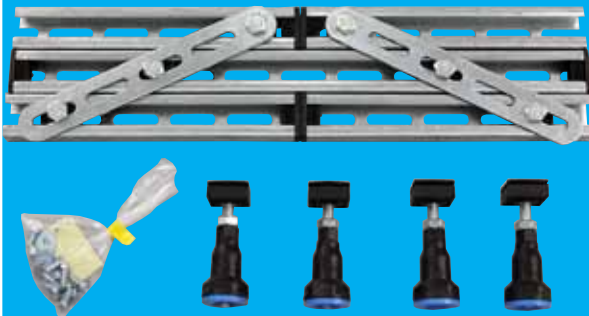
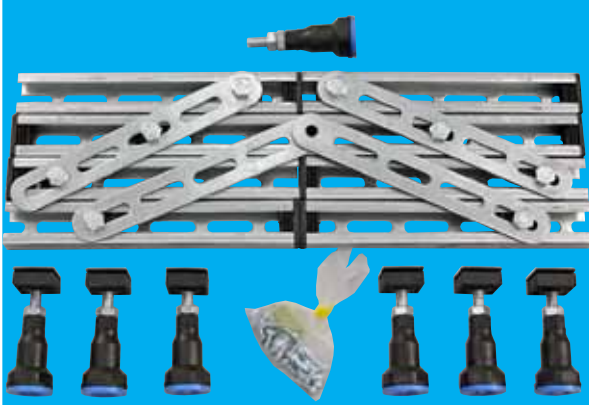
FITTING			Order No.	Price									
		Hose for cartridge series 04/02 material: plastic color: transparent <table><tr><th>OD</th><th>ID</th><th>weight</th></tr><tr><td>8 mm</td><td>6 mm</td><td>21 g</td></tr><tr><td>10 mm</td><td>8 mm</td><td>28 g</td></tr></table> for quantities less than 100 m, add on 20% extra charge	OD	ID	weight	8 mm	6 mm	21 g	10 mm	8 mm	28 g	P-08/06 P-10/08	
OD	ID	weight											
8 mm	6 mm	21 g											
10 mm	8 mm	28 g											
		Elbow connector series 0304-E <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>8 g</td></tr><tr><td>10 mm</td><td>14 g</td></tr></table> suitable for cartridge connections of the selected dimension	cartridge Ø	weight	8 mm	8 g	10 mm	14 g	P-0308-E P-0310-E				
cartridge Ø	weight												
8 mm	8 g												
10 mm	14 g												
		Tee connector series 0504-E <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>11 g</td></tr><tr><td>10 mm</td><td>20 g</td></tr></table> suitable for cartridge connections of the selected dimension	cartridge Ø	weight	8 mm	11 g	10 mm	20 g	P-0508-E P-0510-E				
cartridge Ø	weight												
8 mm	11 g												
10 mm	20 g												
		Tee connector reduced series 051008 <table><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr><tr><td>10 mm</td><td>2 x 8 mm</td><td>19 g</td></tr></table> suitable for cartridge connections of the selected dimension	Ød	Ød1	weight	10 mm	2 x 8 mm	19 g	P-051008				
Ød	Ød1	weight											
10 mm	2 x 8 mm	19 g											
		Cross connector series 0608-E <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>14 g</td></tr><tr><td>10 mm</td><td>27 g</td></tr></table> suitable for cartridge connections of the selected dimension	cartridge Ø	weight	8 mm	14 g	10 mm	27 g	P-0608-E P-0610-E				
cartridge Ø	weight												
8 mm	14 g												
10 mm	27 g												

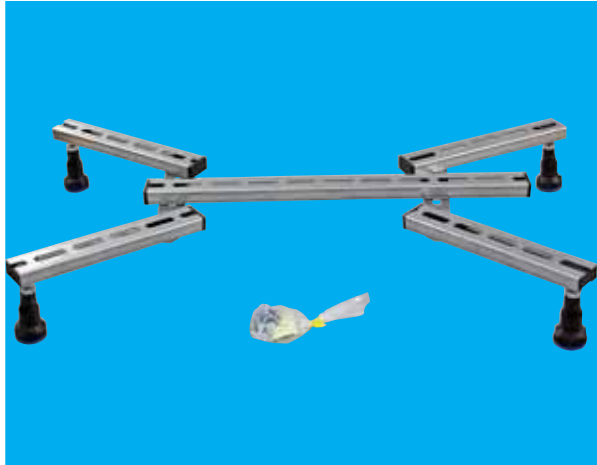
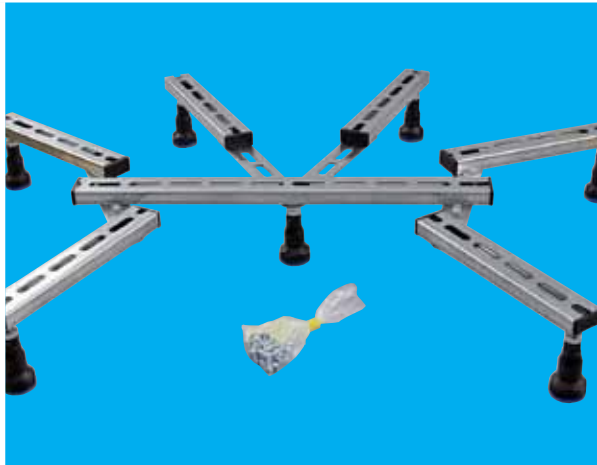
FITTING			Order No.	Price						
		Straight connector series 0404-E <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>9 g</td></tr><tr><td>10 mm</td><td>13 g</td></tr></table> suitable for cartridge connections of the selected dimension	cartridge Ø	weight	8 mm	9 g	10 mm	13 g	P-0408-E P-0410-E	
cartridge Ø	weight									
8 mm	9 g									
10 mm	13 g									
		Straight connector reduced 041008E plug-in connection Ø 10 mm reduced to Ø 8 mm <table><tr><th>weight</th></tr><tr><td>9 g</td></tr></table>	weight	9 g	P-041008E					
weight										
9 g										
		Y connector series 070808 <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>11 g</td></tr><tr><td>10 mm</td><td>20 g</td></tr></table>	cartridge Ø	weight	8 mm	11 g	10 mm	20 g	P-070808 P-071010	
cartridge Ø	weight									
8 mm	11 g									
10 mm	20 g									
		Y connector reduced series 071008 <table><tr><th>Ød</th><th>Ød1</th><th>weight</th></tr><tr><td>10 mm</td><td>2 x 8 mm</td><td>20 g</td></tr></table>	Ød	Ød1	weight	10 mm	2 x 8 mm	20 g	P-071008	
Ød	Ød1	weight								
10 mm	2 x 8 mm	20 g								
		Drain plug series 0104-E <table><tr><th>cartridge Ø</th><th>weight</th></tr><tr><td>8 mm</td><td>2 g</td></tr><tr><td>10 mm</td><td>2 g</td></tr></table>	cartridge Ø	weight	8 mm	2 g	10 mm	2 g	P-0108-E P-0110-E	
cartridge Ø	weight									
8 mm	2 g									
10 mm	2 g									

FITTING				Order No.	Price
		Elbow connector with inside thread series 0310-1/2 cartridge Ø thread (G) weight 10 mm 1/2" inside thread 52 g		P-0310-1/2	
		Elbow connector with outside thread series 1310-1/2 cartridge Ø thread (G) weight 10 mm 1/2" outside thread 44 g		P-1310-1/2	
		Tee connector with outside thread series 1510-1/2 cartridge Ø thread (G) weight 10 mm 1/2" outside thread 54 g		P-1510-1/2	
		Straight connector with inside thread series 0810-1/2 cartridge Ø thread (G) weight 10 mm 1/2" inside thread 38 g		P-0810-1/2	
		Straight connector with outside thread series 1810-1/2 cartridge Ø thread (G) weight 10 mm 1/2" outside thread 32 g		P-1810-1/2	

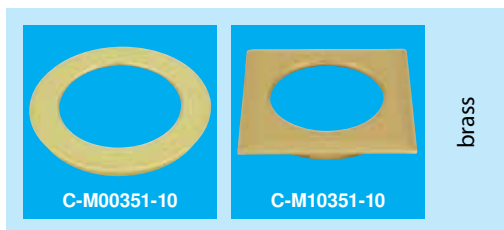
FITTING			Order No.	Price
		Y connector with outside thread series 1710-1/2 cartridge Ø thread (G) weight 10 mm 1/2" outside thread 53 g	P-1710-1/2	
		Hose manifold 1103-3 material: plastic connection: 3-fold hose connection Ø: 12 mm weight: 6 g suitable for hose P-019	P-1103-3	
		Hose manifold 1103-4 material: plastic connection: 4-fold hose connection Ø: 12 mm weight: 7 g suitable for hose P-019	P-1103-4	
		Hose manifold 1103-5 material: plastic connection: 5-fold hose connection Ø: 12 mm weight: 11 g suitable for hose P-019	P-1103-5	
		Hose manifold 1103-6 material: plastic connection: 6-fold hose connection Ø: 12 mm weight: 12 g suitable for hose P-019	P-1103-6	

FITTING			Order No.	Price												
		Distributor with cartridge 6-fold 20308-6 fitting in fitting <table><tr><th>Ød</th><th>cartridge Ø</th><th>outlets</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>6</td><td>82 g</td></tr></table>	Ød	cartridge Ø	outlets	weight	32 mm	8 mm	6	82 g	P-20308-6					
Ød	cartridge Ø	outlets	weight													
32 mm	8 mm	6	82 g													
		Distributor with cartridge 10-fold series 20308-10 fitting in fitting <table><tr><th>Ød</th><th>cartridge Ø</th><th>outlets</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>10</td><td>133 g</td></tr><tr><td>32 mm</td><td>10 mm</td><td>10</td><td>165 g</td></tr></table>	Ød	cartridge Ø	outlets	weight	32 mm	8 mm	10	133 g	32 mm	10 mm	10	165 g	P-20308-10 P-20310-10	
Ød	cartridge Ø	outlets	weight													
32 mm	8 mm	10	133 g													
32 mm	10 mm	10	165 g													
		Distributor with cartridge 18-fold 20308-18 fitting in fitting <table><tr><th>Ød</th><th>cartridge Ø</th><th>outlets</th><th>weight</th></tr><tr><td>32 mm</td><td>8 mm</td><td>18</td><td>172 g</td></tr></table>	Ød	cartridge Ø	outlets	weight	32 mm	8 mm	18	172 g	P-20308-18					
Ød	cartridge Ø	outlets	weight													
32 mm	8 mm	18	172 g													

LEGS		Order No.	Price																									
	Leg for shower tub series GB1-XX with thread and thread protector material: plastic <table><thead><tr><th></th><th>thread</th><th>weight</th><th></th></tr></thead><tbody><tr><td></td><td>M 10</td><td>33 g</td><td>P-GB1-10</td></tr><tr><td></td><td>M 12</td><td>32 g</td><td>P-GB1-12</td></tr><tr><td></td><td>M 14</td><td>31 g</td><td>P-GB1-14</td></tr></tbody></table>		thread	weight			M 10	33 g	P-GB1-10		M 12	32 g	P-GB1-12		M 14	31 g	P-GB1-14											
	thread	weight																										
	M 10	33 g	P-GB1-10																									
	M 12	32 g	P-GB1-12																									
	M 14	31 g	P-GB1-14																									
	Shower tub strengthening series 9301-7 45° bevelled at the side with thread and thread protector material: plastic <table><thead><tr><th></th><th>length</th><th>thread</th><th>weight</th><th></th></tr></thead><tbody><tr><td></td><td>130 mm</td><td>M 10</td><td>31 g</td><td>P-9301-7</td></tr><tr><td></td><td>229 mm</td><td>M 10</td><td>47 g</td><td>P-9301-8</td></tr><tr><td></td><td>255 mm</td><td>M 10</td><td>83 g</td><td>P-9301-4</td></tr><tr><td></td><td>255 mm</td><td>M 14</td><td>58 g</td><td>P-9301-5</td></tr></tbody></table>		length	thread	weight			130 mm	M 10	31 g	P-9301-7		229 mm	M 10	47 g	P-9301-8		255 mm	M 10	83 g	P-9301-4		255 mm	M 14	58 g	P-9301-5		
	length	thread	weight																									
	130 mm	M 10	31 g	P-9301-7																								
	229 mm	M 10	47 g	P-9301-8																								
	255 mm	M 10	83 g	P-9301-4																								
	255 mm	M 14	58 g	P-9301-5																								
	Metal leg frame work partial pre-assembled 5041-1A5 suitable for shower tubs with assembling auxiliaries variant: with 4 legs weight: 2.4 kg	VZ-5041-1A5																										
	Metal leg frame work partial pre-assembled 5071-1A5 suitable for shower tubs with assembling auxiliaries variant: with 7 legs weight: 3.5 kg	VZ-5071-1A5																										

LEGS	Order No.	Price
	Metal leg frame work pre-assembled 5041-1A10 suitable for shower tubs with assembling auxiliaries made of kit VZ-5041-1A5 variant: with 4 legs weight: 2.4 kg	VZ-5041-1A10
	Metal leg frame work pre-assembled 5071-1A10 suitable for shower tubs with assembling auxiliaries made of kit VZ-5071-1A5 variant: with 7 legs weight: 3.5 kg	VZ-5071-1A10

Electronic button Ø 40 mm Flatline - structure



ATTENTION!
The spacer washer needs to be used to ensure that the part is tightened well.



Electronic button



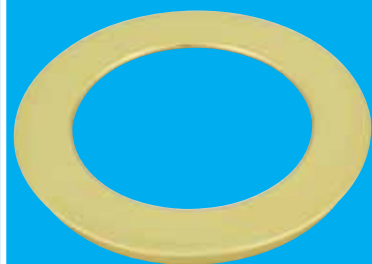
Example



ELECTRONIC COMPONENTS

Order No.

Price


Flatline button ring M00351-10

material: brass
outside Ø: 53 mm
drill Ø: 48 mm
weight: 21 g

suitable for:

electronic temperature indicator: 3321A-S01, 3321B-S01
electronic temperature control device: 3321C-S01
button body: P-325XX, P-341XX, R-346XX

C-M00351-10


Flatline button ring M10351-10

material: brass
outside: 53 mm
drill Ø: 48 mm
weight: 39 g

suitable for:

electronic temperature indicator: 3321A-S01, 3321B-S01
electronic temperature control device: 3321C-S01
button body: P-325XX, P-341XX, R-346XX

C-M10351-10


Flatline spacer washer M00304-1

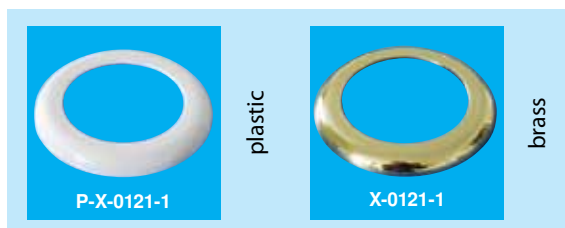
material: plastic
outside Ø: 55 mm
thickness: 5.5 mm
weight: 6 g

suitable for:

air controller lower part: P-0049-BVD, P-1049-BVD
turbo air controller lower part: P-0049-10-BVD
push button lower part: P-0111-BVD, P-1111-BVD
electronic temperature indicator: 3321A-S01, 3321B-S01
electronic temperature control device: 3321C-S01
button body: P-325XX, P-341XX, R-346XX
mini LED spa light: 5141-A, 5141-B, 5141-C, 5141-D, 5141-E
mini LED spa light with transformer: 240 5261A, 240 5261B, 240 5261C, 240 5261D, 240 5261E
mini RGB LED spa light: 012 5161A-S01, 012 5161A-S02, 012 5162A-S03, 012 5162A-S04
mini RGB LED spa light with transformer: 240 5261F-S01, 240 5261F-S02

P-M00304-1

Electronic button Ø 40 mm - structure



Order example:

1 x Button ring: B-0121-1
1 x Electronic button: 2N
1 x Button body: P-325

please specify as follows:

P-325 + 2N = P-3252N
B-0121-1



Please replace the X by the desired color code shown on the inside front cover legend!

ELECTRONIC COMPONENTS



5T

Electronic button 1 function Ø 40 mm

cable length: 2 m with tin-plated line ends
weight: 70 g

	symbol	with LED
steam generator ON/OFF		yes

5T

The body houses the cable connections linked to the circuit element, via a plug-in connector.

ATTENTION! Electronic buttons are always delivered completely assembled including body and mounted cable. For ordering please specify body no. + push button no. as follows, (e.g. P-325+1B = P-3251B).

Design and logo possible on request!

examples for complete electronic buttons (body + button):



P-3252N
B-0121-1



P-3411K
P-W-0121-1



R-3461I
B-0121-1



P-W-3261B



B-3271E

ELECTRONIC COMPONENTS



5U



5V



6R

Electronic button 2 functions Ø 40 mm

cable length: 2 m with tin-plated line ends
weight: 71 g

	symbol	with LED
steam generator, light		yes
steam generator, ON/OFF		yes
light, light - stop/continue		yes

5U
5V
6R

The body houses the cable connections linked to the circuit element, via a plug-in connector.

ATTENTION! Electronic buttons are always delivered completely assembled including body and mounted cable. For ordering please specify body no. + push button no. as follows, (e.g. P-325+1B = P-3251B).

Design and logo possible on request!

examples for complete electronic buttons (body + button):



P-3252N
B-0121-1



P-3411K
P-W-0121-1



R-3461I
B-0121-1



P-W-3261B



B-3271E

ELECTRONIC COMPONENTS



5N

Electronic button 1 function with additional display Ø 40 mm

cable length: 2 m with tin-plated line ends
weight: 70 g

	symbol	with LED
steam generator, door contact switch		yes

5N

The body houses the cable connections linked to the circuit element, via a plug-in connector.

ATTENTION! Electronic buttons are always delivered completely assembled including body and mounted cable. For ordering please specify body no. + push button no. as follows, (e.g. P-325+1B = P-3251B).

Design and logo possible on request!

examples for complete electronic buttons (body + button):



ELECTRONIC COMPONENTS		Order No.	Price
	Button ring P-X-0121-1 material: plastic cover Ø: 52 mm height: 5.5 mm weight: 4 g	P-W-0121-1 P-C-0121-1	
	Button ring X-0121-1 material: brass cover Ø: 52 mm height: 5.5 mm weight: 23 g	C-0121-1 B-0121-1 G-0121-1 GP-0121-1 R-0121-1 W-0121-1	
	Button body 325XX material: plastic fitting length: 74 mm without cable wall thickness: 2 - 12 mm drill Ø: 37 mm system of protection: IP 55 weight: 24 g consists of: adhesive ring, body, nut, mounting screw connection suitable for: all electronic buttons Ø 40 mm When placing your order, please indicate the article numbers of the body and push button as follows: (e.g. P-325+1B = P-3251B), Please order button ring separately!	P-325XX	
	Button body 341XX material: plastic fitting length: 29 mm without cable wall thickness: 2 - 12 mm drill Ø: 37 mm system of protection: IP 55 weight: 17 g consists of: adhesive ring, body, nut, mounting screw connection suitable for: all electronic buttons Ø 40 mm When placing your order, please indicate the article numbers of the body and push button as follows: (e.g. P-341+1B = P-3411B), Please order button ring separately!	P-341XX	

ELECTRONIC COMPONENTS		Order No.	Price
	Button body 346XX material: brass raw fitting length: 29 mm without cable wall thickness: 2 - 12 mm drill Ø: 37 mm system of protection: IP 55 weight: 130 g consists of: adhesive ring, body, nut, mounting screw connection suitable for: all electronic buttons Ø 40 mm When placing your order, please indicate the article numbers of the body and push button as follows: (e.g. R-346+1B = R-3461B), Please order button ring separately!	R-346XX	

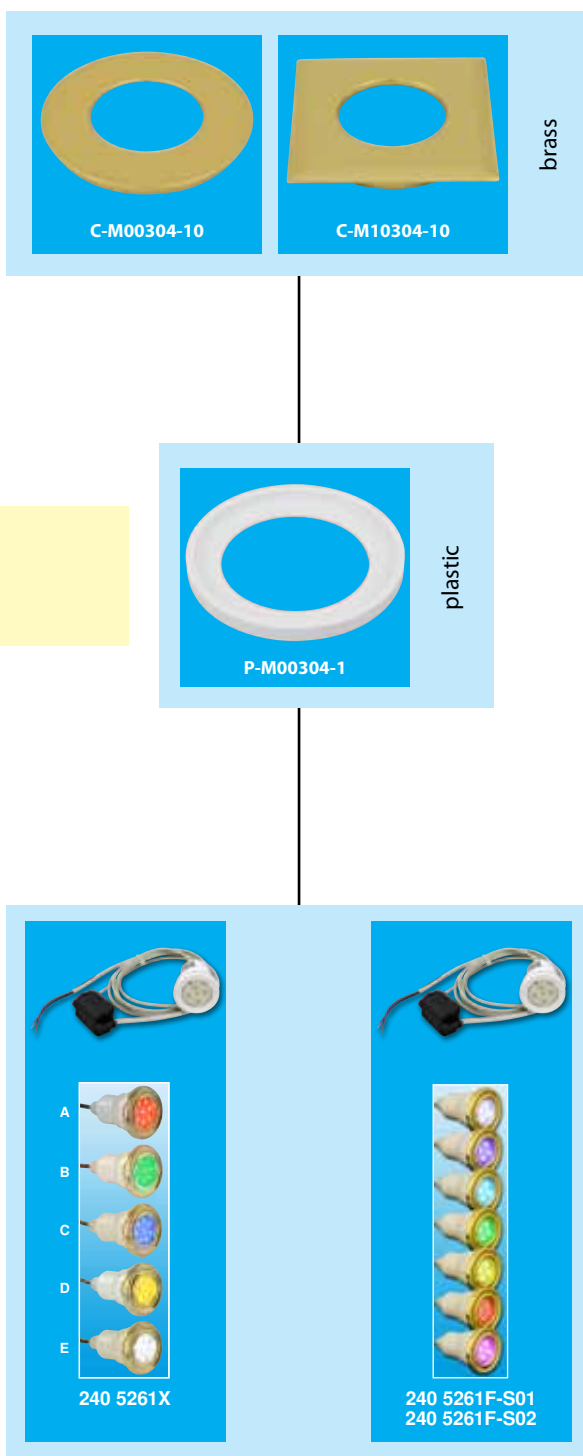
ELECTRONIC COMPONENTS		Order No.	Price
	Compact steam generator with integrated control system type 230 5151A-S11 3 kW steam performance for plastic cubicles 2-3 m ³ magnetic valves for filling and emptying integrated, plus full thermal insulation, integrated anti lime, level sensor system and safety temperature thermostat line voltage: 220 - 240V 50/60Hz system of protection: IP 55 output: 3 kW size: 210 x 275 x 106 mm connection: 1/2" outside thread weight: 3 kg variant steam outlet upwards	230 5151A-S11	
	water supply: A dirt pan is to provide! After the time limit is reached, the active functions are turned off automatically. The appliances may be immediately switched on after the automatic stop.		
	Steam jet 901 steam outlet possible downwards and upwards with integrated filling bowl for herb connection: 1/2" outside thread weight: 103 g	P-W-901	
	Decalcification connection 11408 material: brass wall thickness: 2 - 4 mm connection: 1/2" outside thread weight: 285 g	C-11408	

ELECTRONIC COMPONENTS				Order No.	Price										
	Armoured tube 1/2" series 10XX0-1/2 with 2 sealing rings														
		<table><tr><th>length</th><th>weight</th></tr><tr><td>500 mm</td><td>200 g</td></tr><tr><td>750 mm</td><td>261 g</td></tr><tr><td>1000 mm</td><td>285 g</td></tr><tr><td>1500 mm</td><td>470 g</td></tr></table>	length	weight	500 mm	200 g	750 mm	261 g	1000 mm	285 g	1500 mm	470 g		ST-10500-1/2 ST-10750-1/2 ST-11000-1/2 ST-11500-1/2	
length	weight														
500 mm	200 g														
750 mm	261 g														
1000 mm	285 g														
1500 mm	470 g														
	Armoured tube 3/4" 11000-3/4 with 2 sealing rings			ST-11000-3/4											
	overall length: 1000 mm weight: 360 g														
	Elbow series 246 material: brass														
		<table><tr><th>connection</th><th>weight</th></tr><tr><td>1/2" inside thread, 1/2" outside thread</td><td>80 g</td></tr><tr><td>3/4" inside thread, 3/4" outside thread</td><td>134 g</td></tr></table>	connection	weight	1/2" inside thread, 1/2" outside thread	80 g	3/4" inside thread, 3/4" outside thread	134 g		246 246-1					
connection	weight														
1/2" inside thread, 1/2" outside thread	80 g														
3/4" inside thread, 3/4" outside thread	134 g														
	Double nipple 245-1 material: brass connection: 1/2" outside thread weight: 27 g			245-1											
	Tee 247 material: brass thread: 1/2" inside thread weight: 76 g			247											

ELECTRONIC COMPONENTS		Order No.	Price
	Dirt pan 245 material: brass connection: 2 x 1/2" inside thread weight: 147 g	245	
	Door contact switch 5151A-1 cable length: 4 m weight: 94 g	5151A-1	
	Magnetic valve 1/2" 6031A-12 material: brass line voltage: 230V 50Hz output: 13.5 W working pressure: 0.25 - 10 bar weight: 415 g suitable connection cable for magnetic valve: 6031A-22, 6031A-23	6031A-12	
	Magnetic valve 1" 6031A-13 material: brass line voltage: 230V 50Hz output: 8 W working pressure: 0.1 - 10 bar weight: 1.1 kg suitable connection cable for magnetic valve: 6031A-20, 6031A-21	6031A-13	
	Connection cable 6031A-20 for magnetic valve inclusive seal and screw free cable end weight 1.6 m 128 g 2.6 m 195 g	6031A-20 6031A-21	

ELECTRONIC COMPONENTS			Order No.	Price						
	Connection cable 6031A-22 for magnetic valve inclusive seal and screw <table><tr><td>free cable end</td><td>weight</td></tr><tr><td>1.6 m</td><td>125 g</td></tr><tr><td>2.6 m</td><td>140 g</td></tr></table>	free cable end	weight	1.6 m	125 g	2.6 m	140 g		6031A-22 6031A-23	
free cable end	weight									
1.6 m	125 g									
2.6 m	140 g									
	Magnetic valve 104 240B material: plastic line voltage: 12V 50Hz output: 5 W per outlet working pressure: 0.2 - 10 bar connection: 3/4" outside thread hose connection Ø: 12 mm weight: 106 g		104 240B							
	Magnetic valve 22512V material: plastic line voltage: 12V 50Hz output: 5 W per outlet working pressure: 0.2 - 10 bar connection: 3/4" outside thread (2 outlets) hose connection Ø: 12 mm weight: 185 g		22512V							
	Magnetic valve 311 240B material: plastic line voltage: 12V 50Hz output: 5 W per outlet working pressure: 0.2 - 10 bar connection: 3/4" outside thread (3 outlets) hose connection Ø: 12 mm weight: 299 g		311 240B							
	Magnetic valve 411 240B material: plastic line voltage: 12V 50Hz output: 5 W per outlet working pressure: 0.2 - 10 bar connection: 3/4" outside thread (4 outlets) hose connection Ø: 12 mm weight: 370 g		411 240B							

Mini LED/Mini LED RGB spa light Flatline - structure



ATTENTION!
The spacer washer needs to be used to ensure that the part is tightened well.

Order No.	Price
C-M00304-10	
C-M10304-10	
P-M00304-1	

Flatline ring for spa light M00304-10

material: brass
cover Ø: 53 mm
drill Ø: 48 mm
weight: 24 g

suitable for:

mini LED spa light: 5141-A, 5141-B, 5141-C, 5141-D, 5141-E
mini LED spa light with transformer: 240 5261A, 240 5261B, 240 5261C, 240 5261D, 240 5261E
mini RGB LED spa light: 012 5161A-S01, 012 5161A-S02, 012 5162A-S03, 012 5162A-S04
mini RGB LED spa light with transformer: 240 5261F-S01, 240 5261F-S02

Flatline ring for spa light M10304-10

material: brass
outside: 53 mm
drill Ø: 48 mm
weight: 45 g

suitable for:

mini LED spa light: 5141-A, 5141-B, 5141-C, 5141-D, 5141-E
mini LED spa light with transformer: 240 5261A, 240 5261B, 240 5261C, 240 5261D, 240 5261E
mini RGB LED spa light: 012 5161A-S01, 012 5161A-S02, 012 5162A-S03, 012 5162A-S04
mini RGB LED spa light with transformer: 240 5261F-S01, 240 5261F-S02

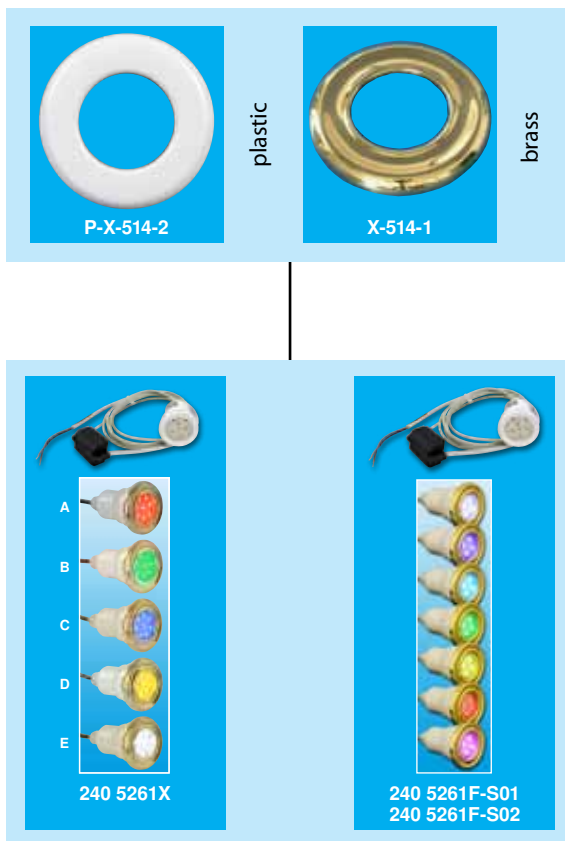
Flatline spacer washer M00304-1

material: plastic
outside Ø: 55 mm
thickness: 5.5 mm
weight: 6 g

suitable for:

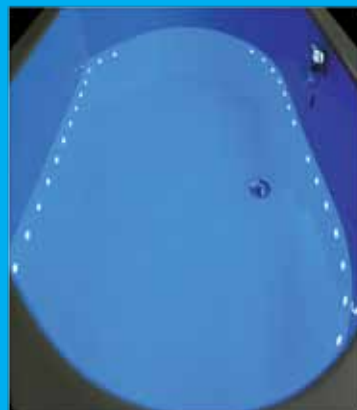
air controller lower part: P-0049-BVD, P-1049-BVD
turbo air controller lower part: P-0049-10-BVD
push button lower part: P-0111-BVD, P-1111-BVD
electronic temperature indicator: 3321A-S01, 3321B-S01
electronic temperature control device: 3321C-S01
button body: P-325XX, P-341XX, R-346XX
mini LED spa light: 5141-A, 5141-B, 5141-C, 5141-D, 5141-E
mini LED spa light with transformer: 240 5261A, 240 5261B, 240 5261C, 240 5261D, 240 5261E
mini RGB LED spa light: 012 5161A-S01, 012 5161A-S02, 012 5162A-S03, 012 5162A-S04
mini RGB LED spa light with transformer: 240 5261F-S01, 240 5261F-S02

Mini LED/Mini LED RGB spa light - structure



Please replace the X by the desired color code shown on the inside front cover legend!

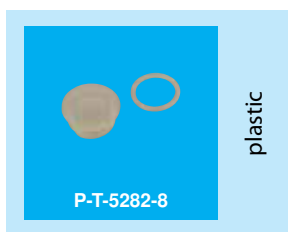
LIGHTS	Order No.	Price
 	Mini LED spa light with transformer series 5261 material: plastic free cable end: 2.8 m (1 m up to transformer then 1,8 m up to spa light) fitting length: 90 mm wall thickness: 2 - 10 mm drill Ø: 37 mm line voltage: 220 - 240V 50/60Hz nominal power: 1.5 W system of protection: IP 55 / IP X7 back side / front side weight: 233 g variant fixed light color red 240 5261A fixed light color green 240 5261B fixed light color blue 240 5261C fixed light color yellow 240 5261D fixed light color white 240 5261E suitable for: ring for spa light: X-514-1, P-X-514-2 Flatline ring for spa light: C-M00304-10, C-M10304-10 CE	
 	Mini RGB LED spa light with transformer series 5261F-SXX material: plastic free cable end: 2.8 m (1 m up to transformer then 1,8 m up to spa light) fitting length: 90 mm wall thickness: 2 - 10 mm drill Ø: 37 mm line voltage: 220 - 240V 50/60Hz nominal power: 1.5 W system of protection: IP 55 / IP X7 back side / front side weight: 211 g variant color wheel switching 7 colors are displayed behind each other 240 5261F-S01 color wheel changing the color wheel is passed through continuously 240 5261F-S02 suitable for: ring for spa light: X-514-1, P-X-514-2 Flatline ring for spa light: C-M00304-10, C-M10304-10 CE	

LIGHTS		Order No.	Price																
	Ring for spa light 514-2 material: plastic cover Ø: 52 mm height: 6 mm mounting method: screw on (M 45x1,5 mm) weight: 6 g suitable for: mini LED spa light: series 5141, 5261 mini RGB LED spa light: series 5161A-SXX, 5162A-SXX, 5261F-SXX double LED spot: 5301A, 5301B, 5311A, 5311B	P-W-514-2 P-C-514-2																	
	Ring for spa light 514-1 material: brass cover Ø: 52 mm height: 6 mm mounting method: screw on (M 45x1,5 mm) weight: 37 g suitable for: mini LED spa light: series 5141, 5261 mini RGB LED spa light: series 5161A-SXX, 5162A-SXX, 5261F-SXX double LED spot: 5301A, 5301B, 5311A, 5311B	C-514-1 B-514-1 G-514-1 GP-514-1 R-514-1 W-514-1																	
 	Effect light chain series 5191 light delivery straight feed cable with connector: 2 m up to the first light source distance between the light sources: 0,3 m material: plastic line voltage: 5V DC nominal power: 250 mW per light source system of protection: IP 68 <table><thead><tr><th>length of the element</th><th>light sources</th><th>suitable for:</th><th>weight</th></tr></thead><tbody><tr><td>33 mm</td><td>10 pcs.</td><td>lens casing click in</td><td>100 g</td></tr><tr><td>33 mm</td><td>12 pcs.</td><td>lens casing click in</td><td>118 g</td></tr><tr><td>45 mm</td><td>10 pcs.</td><td>lens for effect light</td><td>108 g</td></tr></tbody></table> suitable for: control panel: 240 8132A-S01 Special design on inquiry! CE	length of the element	light sources	suitable for:	weight	33 mm	10 pcs.	lens casing click in	100 g	33 mm	12 pcs.	lens casing click in	118 g	45 mm	10 pcs.	lens for effect light	108 g	005 5191A 005 5191A 003 005 5191C	
length of the element	light sources	suitable for:	weight																
33 mm	10 pcs.	lens casing click in	100 g																
33 mm	12 pcs.	lens casing click in	118 g																
45 mm	10 pcs.	lens for effect light	108 g																

LIGHTS		Order No.	Price
	Lighting casing series 012 5191 material: plastic free cable end: 1.8 m with tin-plated line ends fitting length: 70 mm wall thickness: 2 - 45 mm drill Ø: 48 mm line voltage: 9 - 16V DC nominal power: 100 - 500 mW system of protection: IP 68 weight: 110 g	variant fixed light color red fixed light color green fixed light color blue	012 5191E 012 5191F 012 5191G
	suitable for: electronic control panel: 230 8091A-SXX, 230 8022A-SXX, 230 8014X-SXX air controller lower part: P-X-0049-XX, X-0049-XX button lower part: P-0111-BVD, P-1111-BVD temperature indicators temperature indicators with 1 function temperature control device button body: P-325XX, P-341XX, R-346XX		
			
	Lighting casing with color-light therapy 005 5191 material: plastic free cable end: 1.8 m with connector fitting length: 70 mm wall thickness: 2 - 45 mm drill Ø: 48 mm line voltage: 5V DC nominal power: 500 mW system of protection: IP 68 weight: 110 g	variant light color RGB	005 5191D
	suitable for: electronic control panel: 240 8132A-S01 air controller lower part: P-X-0049-XX, X-0049-XX button lower part: P-0111-BVD, P-1111-BVD temperature indicators temperature indicators with 1 function temperature control device button body: P-325XX, P-341XX, R-346XX		
			

LIGHTS	Order No.	Price
	Electronic control panel type 240 8132A connection possibility for: different color light products (e.g. power LED spot, effect light, lighting casing) dry-running protection sensor button (e.g. P-3252C, P-3255I, P-3256R) line voltage: 220 - 240V 50/60Hz nominal power: 15 W x 2 color range: 16.777.216 colors system of protection: IP 55 weight: 1.2 kg variant: continuous automatic color change or 7 colors particular to choose with stop function CE 	240 8132A-S01
	Transformer series 512XB electroplating separated safety transformer It is possible to connect the spa light directly in the box on the transformer. free cable end: 1 m with wire end ferrules line voltage: 230V 50/60Hz system of protection: IP 45 output voltage: 12V AC output weight 20 VA 690 g CE  	230 5121B

Effect light chain - structure



exchangeable



LIGHTS				Order No.	Price									
	Lens 5282-8 material: plastic outside Ø: 17 mm mounting method: screw on (M 14x1,5 mm) weight: 1 g inclusive: o-ring (12x1,5 mm transparent) suitable for: lens casing: C-5282-10			P-T-5282-8										
	Lens casing 5282-10 material: brass / plastic outside Ø: 27 mm fitting length: 34 mm with chain of effect lights wall thickness: 2,5 - 10 mm drill Ø: 22 mm weight: 26 g consists of: body: X-5281-4 plastic nut: P-0002/2 suitable for: chain of effect lights: 005 5282A-003, 005 5282A-004			C-5282-10										
	LED Individual lamp 5282A material: plastic line voltage: 5V DC nominal power: 250 mW weight: 2 g inclusive: o-ring (8x1,5 mm) suitable for: chain of effect lights: 005 5282A-003, 005 5282A-004			005 5282A										
	Effect light chain series 5282A-XXX feed cable with connector: 2 m up to the first light source distance between the light sources: 0,3 m material: plastic line voltage: 5V DC system of protection: IP 68													
			<table><tr><td>output</td><td>slot</td><td>weight</td></tr><tr><td>2.5 W</td><td>10</td><td>100 g</td></tr><tr><td>3 W</td><td>12</td><td>112 g</td></tr></table>	output	slot	weight	2.5 W	10	100 g	3 W	12	112 g	005 5282A-003 005 5282A-004	
output	slot	weight												
2.5 W	10	100 g												
3 W	12	112 g												
suitable for: control panel: 240 8132A-S01														

Lighting case Flatline for Ø 40 mm electronic button - structure



ATTENTION!
The spacer washer needs to
be used to ensure that the
part is tightened well.

Electronic button

1 function



2 functions



3 functions



4 functions



5 functions



FLAT **Line**
LIGHTS

Order No.

Price


Flatline lighting casing with color-light therapy M05191H for electronic button Ø 40 mm

material: plastic / brass
free cable end: 1.8 m with connector
fitting length: 75 mm
wall thickness: 2 - 40 mm
drill Ø: 55 mm
line voltage: 5V DC
nominal power: 500 mW
system of protection: IP 68
weight: 148 g

variant
 light color RGB

C-M05191H

consists of:

Flatline mounting frame (C-M00460-11)
 lighting casing (012 5191H)

suitable for:

control panel: 240 8132A-S01
 electronic temperature indicator: 3321A-S01, 3321B-S01
 electronic temperature control device: 3321C-S01
 button body: P-325XX, P-341XX, R-346XX


Flatline lighting casing series M05191X for electronic button Ø 40 mm

material: plastic / brass
free cable end: 1.8 m with tin-plated line ends
fitting length: 75 mm
wall thickness: 2 - 40 mm
drill Ø: 55 mm
line voltage: 9 - 16V DC
nominal power: 100 - 500 mW
system of protection: IP 68
weight: 148 g

variant
 fixed light color red
 fixed light color green
 fixed light color blue

C-M05191I
 C-M05191J
 C-M05191K

consists of:

Flatline mounting frame (C-M00460-11)
 lighting casing (012 5191X)

suitable for:

electronic control panel: 230 8091A-SXX, 230 8022A-SXX, 230 8014X-SXX
 electronic temperature indicator: 3321A-S01, 3321B-S01
 electronic temperature control device: 3321C-S01
 button body: P-325XX, P-341XX, R-346XX



		Order No.	Price
	Flatline button ring M00460-10 material: brass outside Ø: 47.5 mm weight: 16 g suitable for: electronic temperature indicator: 3321A-S01, 3321B-S01 electronic temperature control device: 3321C-S01 button body: P-325XX, P-341XX, R-346XX	C-M00460-10	
	Flatline spacer washer M00460-1 material: plastic outside Ø: 61 mm thickness: 10.5 mm weight: 10 g suitable for: Flatline lighting casing: C-M05191H, C-M05191I, C-M05191J, C-M05191K	P-M00460-1	
	Flatline mounting frame M00460-11 material: brass outside Ø: 59 mm drill Ø: 55 mm weight: 30 g suitable for: Flatline lighting casing: C-M05191H, C-M05191I, C-M05191J, C-M05191K	C-M00460-11	
	Lens for effect light P-X-2228-1 material: cover: plastic body: plastic fitting length: 34 mm without chain of effect lights wall thickness: 2,5 - 8 mm drill Ø: 16.5 mm weight: 9 g	P-W-2228-1 P-C-2228-1	

FLAT **Line**
LIGHTS
Order No.
Price

Lens for effect light X-2228-1

material: cover: brass
body: plastic
fitting length: 34 mm without chain of effect lights
wall thickness: 2,5 - 8 mm
drill Ø: 16,5 mm
weight: 14 g

C-2228-1
 B-2228-1
 G-2228-1
 GP-2228-1
 R-2228-1
 W-2228-1


Cover P-X-2228-10

material: plastic
cover Ø: 28 mm
height: 3,5 mm
mounting method: screw on (M 24x1 mm)
weight: 1 g

suitable for:
 lens: P-X-2228-1

P-W-2228-10
 P-C-2228-10


Cover X-2228-10

material: brass
cover Ø: 28 mm
height: 3,5 mm
mounting method: screw on (M 24x1 mm)
weight: 6 g

suitable for:
 lens: X-2228-1

C-2228-10
 B-2228-10
 G-2228-10
 GP-2228-10
 R-2228-10
 W-2228-10


Lens for effect light 2228-2

without cover

material: plastic
fitting length: 36 mm without chain of effect lights
wall thickness: 2,5 - 10 mm
drill Ø: 16,5 mm
weight: 7 g

2228-2


Lens click in 15191

material: plastic
fitting length: 25 mm without chain of effect lights
wall thickness: 2,5 - 10 mm
drill Ø: 10 mm
weight: 3 g

consists of:
 lens casing, plastic nut,
 o-ring (10x1 mm) transparent

P-15191

FLATLine

LIGHTS

Order No.

Price


Flatline multicolor spa light with color-light therapy M00300

material: ring for spa light: brass
body: brass
free cable end: 1.8 m with tin-plated line ends
cover Ø: 99.5 mm
fitting length: 85 mm
wall thickness: 2 - 10 mm
drill Ø: 92 mm
line voltage: 12V AC
nominal power: 15 W
color range: 256 colors
system of protection: IP 55 / IP X7 back side / front side
weight: 821 g

inclusive:
 Flatline ring for spa light C-M00300-10
 Flatline spacer washer P-M00300-1



C-M00300

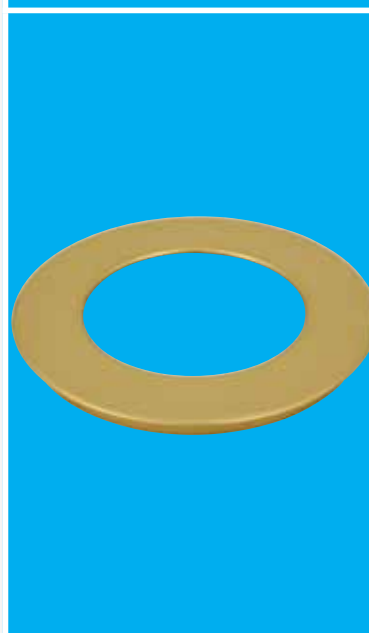

Flatline multicolor spa light with color-light therapy and stop function M00306

material: ring for spa light: brass
body: brass
free cable end: 1.8 m with tin-plated line ends
cover Ø: 99.5 mm
fitting length: 85 mm
wall thickness: 2 - 10 mm
drill Ø: 92 mm
line voltage: 12V AC
nominal power: 15 W
color range: 256 colors
system of protection: IP 55 / IP X7 back side / front side
weight: 839 g

inclusive:
 Flatline ring for spa light C-M00300-10
 Flatline spacer washer P-M00300-1
suitable for:
 control panel: 230 8112A-S10, 230 8112A-S14, 230 8112B-S10,
 230 8112B-S14



C-M00306


Flatline ring for spa light M00300-10

material: brass
cover Ø: 99.5 mm
drill Ø: 92 mm
weight: 107 g

suitable for:
 Flatline multicolor spa light: C-M00300, C-M00306

C-M00300-10

FLATLine	LIGHTS	Order No.	Price
	Flatline spacer washer M00300-1 material: plastic outside Ø: 100 mm thickness: 9 mm weight: 29 g suitable for: Flatline multicolor spa light: C-M00300, C-M00306	P-M00300-1	
 	Multicolor spa light with color-light therapy 800-K material: ring for spa light: brass body: brass free cable end: 1.8 m with tin-plated line ends cover Ø: 90 mm fitting length: 85 mm wall thickness: 2 - 10 mm drill Ø: 68 mm line voltage: 12V AC nominal power: 15 W color range: 256 colors system of protection: IP 55 / IP X7 back side / front side weight: 786 g CE	C-800-K B-800-K G-800-K GP-800-K R-800-K W-800-K	
 	Multicolor spa light with color-light therapy and stop function 012 5131B-S01 material: ring for spa light: brass body: brass free cable end: 1.8 m with tin-plated line ends cover Ø: 90 mm fitting length: 85 mm wall thickness: 2 - 10 mm drill Ø: 68 mm line voltage: 12V AC nominal power: 15 W color range: 256 colors system of protection: IP 55 / IP X7 back side / front side weight: 804 g suitable for: control panel: 230 8112A-S10, 230 8112A-S14, 230 8112B-S10, 230 8112B-S14 CE	C-012 5131B-S01 B-012 5131B-S01 G-012 5131B-S01 GP-012 5131B-S01 R-012 5131B-S01 W-012 5131B-S01	


Ring for spa light 800-1

material: brass
cover Ø: 90 mm
height: 10 mm
mounting method: screw on (M 85x1,5 mm)
weight: 101 g

suitable for:
 multicolor spa light: 800-K, 012 5131B-S01

C-800-1
 B-800-1
 G-800-1
 GP-800-1
 R-800-1
 W-800-1


Electronic control panel type 230 8112A-SXX

connection possibility for:
 dry-running protection sensor
 1 pc. multicolor spa light with color-light therapy
 and stop function 012 5131B-S01

line voltage: 230V 50Hz
nominal power: 20 W
system of protection: IP 55
weight: 1.3 kg

variant

operation by 2 buttons (e.g. P-3255I, P-3256R,...)
 operation by 1 button (e.g. P-3252C)

230 8112A-S10
 230 8112A-S14


Electronic control panel type 230 8112B-SXX

connection possibility for:
 dry-running protection sensor
 2 pcs. multicolor spa light with color-light therapy
 and stop function 012 5131B-S01

line voltage: 230V 50Hz
nominal power: 50 W
system of protection: IP 55
weight: 1.7 kg

variant

operation by 2 buttons (e.g. P-3255I, P-3256R,...)
 operation by 1 button (e.g. P-3252C)

230 8112B-S10
 230 8112B-S14


Flatline lens casing click in M00305

material: brass / plastic
outside Ø: 20 mm
drill Ø: 16 mm
weight: 33 g

consists of:
 lens casing
 o-ring (10x1 mm) transparent
 lens body
 nut

suitable for:
 light source for chain of effect lights:
 005 5191A, 005 5191A 003

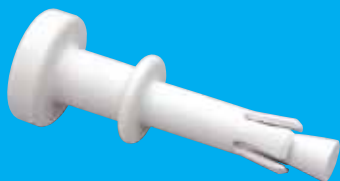
C-M00305

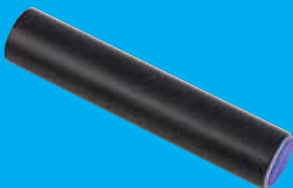
ACCESSORY	Order No.	Price
	P-2301-04	
Panel connector 2301-04 for quick and easy connection of shower panels weight: 19 g	WZ-1117	
		
Turner for nuts WZ-1117 for: hose band clip: 1117 weight: 101 g	WZ-2103	
		
Pincers for one ear hose clip WZ-2103 for: one ear hose clip: VZ-11703, VZ-12103, ST-2103, VZ-13303, VZ-12503 weight: 321 g	WZ-0010	
		
Nippers for hose cutting WZ-0010 for: hoses up to Ø 40 mm weight: 442 g ATTENTION! Not suitable for cartridge hoses		

ACCESSORY	Order No.	Price
	Nippers for hose cutting WZ-0013 for: cartridge hoses up to outside diameter 16 mm weight: 32 g	WZ-0013
	Milling cutter arbor Ø 16 mm cutter Ø 32 mm suitable for: air jet body: series 0142-1/3, 0138-XX weight: 350 g arbor Ø 23 mm cutter Ø 46 mm suitable for: micro jet body: series P-1005-XX, N-1005-XX micro click in jet body: P-0250-20 magic jet jet body: series P-1005-XX, N-1005-XX, N-0028 shower jet body: series P-1102 weight: 420 g arbor Ø 26 mm cutter Ø 46 mm suitable for: micro jet body: series P-2601212-XX, N-2601212-XX, P-1005-18, N-1005-19 weight: 450 g arbor Ø 36 mm cutter Ø 46 mm suitable for: push button lower part: P-0111-BVD, P-1111-BVD air controller lower part: P-0049-BVD, P-1049-BVD turbo air controller lower part: P-0049-10-BVD button body: P-325XX, P-341XX, R-346XX mini LED spa light: series 5141, 5261, 5161A-SXX, 5261F-SXX, 5162A-SXX weight: 685 g arbor Ø 40,5 mm cutter Ø 68 mm suitable for: midi click in jet body: P-0507-4 midi jet body: P-0164-13, N-0164-13 mini jet body: series 0164-X, 016X-11 weight: 1,3 kg arbor Ø 43 mm cutter Ø 54 mm suitable for: shower jet body: P-1106-2/4, P-1106-1/4, P-1106-210/4 midi clip jet: P-12120 combi button: P-X-0112, P-X-0114, P-X-0115, P-X-3092A combi button lower part: P-0112-BVD, P-3091A-BVD, P-3092A-BVD electronic button 7 functions: P-W-3391A, P-W-3391B, X-3421A, X-3421B weight: 935 g	WZ-160 WZ-230 WZ-260 WZ-360 WZ-405 WZ-430
	Nest for hole saw small WZ-A27 suitable up to 30 mm diameter of the hole saw weight: 69 g	WZ-A27

ACCESSORY		Order No.	Price
	Hole saw small Ø 16 mm suitable for: Flatline lens casing click in: M00305 weight: 22 g Ø 24 mm suitable for: micro jet body: series P-1005-XX, N-1005-XX micro click in jet body: P-0250-20 micro c-tech jet body: P-1007-11 magic jet jet body: series P-1005-XX, N-1005-XX, N-0028 shower jet body: series P-1102 weight: 65 g Ø 27 mm suitable for: micro jet body: series P-2601212-XX, N-2601212-XX, P-1005-18, N-1005-19 weight: 72 g	WZ-16	
		WZ-24	
		WZ-27	
	Nest for hole saw large WZ-A35 suitable from 32 mm diameter of the hole saw weight: 234 g	WZ-A35	

ACCESSORY	Order No.	Price
	Hole saw large	
	Ø 37 mm suitable for: push button lower part: P-0111-BVD, P-1111-BVD air controller lower part: P-0049-BVD, P-1049-BVD turbo air controller lower part: P-0049-10-BVD button body: P-325XX, P-341XX, R-346XX mini LED spa light: series 5141, 5261, 5161A-SXX, 5261F-SXX, 5162A-SXX weight: 101 g	WZ-37
	Ø 41 mm suitable for: midi click in jet body: P-0507-4 midi jet body: P-0164-13, N-0164-13 mini jet body: series 0164-X, 016X-11 weight: 84 g	WZ-41
	Ø 43 mm suitable for: jet body: P-1106-2/4, P-1106-1/4, P-1106-210/4 midi c-tech jet body: P-2017-11 midi clip jet: P-12120 combi button: P-X-0112, P-X-0114, P-X-0115, P-X-3092A combi button lower part: P-0112-BVD, P-3091A-BVD, P-3092A-BVD electronic button 7 functions: P-W-3391A, P-W-3391B, X-3421A, X-3421B weight: 107 g	WZ-43
	Ø 46 mm suitable for: Flatline push button cover: C-M00355-10 weight: 101 g	WZ-46
	Ø 51 mm suitable for: vacuum connection part: P-4013 drain and overflow set power LED spot: 010 5201A spa light: series 5111/5112, 5113/5114 weight: 138 g	WZ-51
	Ø 54 mm suitable for: Flatline lighting casing with color-light therapy: C-M05191H Flatline lighting casing: C-M05191I, C-M05191J, C-M0519K weight: 154 g	WZ-54
	Ø 57 mm suitable for: super jet small jet body: P-X-0505-6 weight: 175 g	WZ-57
	Ø 60 mm suitable for: Flatline vacuum body: M10254-10 weight: 168 g	WZ-60
	Ø 64 mm suitable for: vacuum connection part: P-5012, P-5013 super jet jet body: P-X-0504-6 weight: 206 g	WZ-64
	Ø 68 mm suitable for: multicolor spa light: X-800-K, X-012 5131B-S01 weight: 232 g	WZ-68
	Ø 92 mm suitable for: Flatline ring for spa light: M00300-10 weight: 345 g	WZ-92

ACCESSORY		Order No.	Price
	Key 0143-11 for: micro cover: X-1005-1, P-X-1005-5, P-X-1005-7, P-X-3005-8, P-X-1005-9, P-X-1005-60, P-X-3005-4, P-X-11015, P-X-11015-R, P-X-11016, P-X-11016-R, X-1005-5, P-X-1005-2 midi cover: P-X-0030-30, P-X-0030-10/6, P-X-0030-10/7, P-X-0030-10/9, X-0030-10 mini cover: P-X-0030-10, P-X-0030-10/8, X-0035-10, X-0036-10 future cover micro: P-X-1005-70/4, P-X-1005-70/5, X-1018-D, X-1017-D future cover midi: P-X-0033, X-0032-7 future cover mini: P-X-0032 air jet cap: P-X-0139, P-X-0239, P-X-0145, P-X-0245, P-X-0137, P-X-0237, X-0131, X-0231, X-0135, X-0137, X-0132, X-0232, ST-0139, ST-0239, P-X-0130, X-0130, P-X-0142-2, P-X-0142-2/3, P-X-0142-2/4, P-X-0142-2/5, P-X-0142-2/6 X-0142-2/3, X-0142-2/4, X-0142-2/5, X-0134-1, push button cover: P-X-0111-1-2, P-X-0049-8, X-0111-1-2, X-0049-8 button ring: P-X-0120, X-0120-1, P-X-0121-1, X-0121-1 ring for spa light: P-X-514-2, X-514-1, X-5201-1, X-5201-2, X-511-1, X-511-2 weight: 116 g	P-0143-11	
	Key 0144 for: air jet body: P-0139-XX, R-0131-XX, N-0131-XX, P-0130-22, R-0130-XX, N-0130-XX shower jet body: P-1102-X micro jet body: P-2601212-XX, N-2601212-XX double nipple: 11401 magic jet body: N-0028 button lower part: P-0120-22, R-0120-22 wrench size: 12 mm weight: 297 g	N-0144	
	Dismantling key 0030-10-20 for: midi and mini click in cover with ball P-X-0030-11, X-0161 weight: 24 g	P-0030-10-20	
	Dismantling key 0250-1-20 for: micro click in cover: P-X-0250-100, P-X-0260-1 except P-X-0251-100 weight: 14 g	P-0250-1-20	

ACCESSORY		Order No.	Price
	Flatline key M00130-50 for: micro inner part: C-M00130-21, C-M00130-22 magic inner part: P-X-M00150-1 weight: 49 g	P-M00130-50	
	Flatline key M00112-50 for: midi inner part ring: C-M00112-20 weight: 90 g	P-M00112-50	
	Flatline key M00111-50 for: midi click in jet body: C-M00111-10 weight: 148 g	P-M00111-50	
	Flatline key M00112-51 for: midi inner part ring: P-X-M00112-21, C-M00112-21 weight: 115 g	P-M00112-51	
	Flatline key M00130-51 for: micro inner part: C-M00130-23 weight: 45 g	P-M00130-51	

ACCESSORY		Order No.	Price						
	Flatline key M00130-52 for: micro inner part: C-M00130-24 weight: 46 g	P-M00130-52							
	PeViCol bottle <table><tr><td>volume</td><td>weight</td></tr><tr><td>120 g</td><td>150 g</td></tr><tr><td>570 g</td><td>600 g</td></tr></table> It is possible to get a technical data sheet on inquiry.	volume	weight	120 g	150 g	570 g	600 g	P-658-120 P-658-1	
volume	weight								
120 g	150 g								
570 g	600 g								
	PeViCol tin with enclosed brush volume: 570 g weight: 800 g It is possible to get a technical data sheet on inquiry.	P-657-570							
	PeViCol can <table><tr><td>volume</td><td>weight</td></tr><tr><td>5,5 kg</td><td>6 kg</td></tr><tr><td>24,4 kg</td><td>25.5 kg</td></tr></table> It is possible to get a technical data sheet on inquiry.	volume	weight	5,5 kg	6 kg	24,4 kg	25.5 kg	P-656-550 P-656-2440	
volume	weight								
5,5 kg	6 kg								
24,4 kg	25.5 kg								
	Sanitary silicon handling: Advanced adhesive characteristic of acrylic! It is neutral to other materials (free from acetic acid). volume: 310 g color: transparent weight: 350 g Follow the instruction for use! It is possible to get a technical data sheet on inquiry.	660							

ACCESSORY		Order No.	Price
	Fibre cement with hardener ratio of ingredients: ground mass + 2-4% hardener hardness after 30 minutes volume: ground mass: 750 g, hardener: 30 g weight: 950 g Follow the instruction for use! It is possible to get a technical data sheet on inquiry.	75030	
	Teflon band width: 12 mm weight: 12 g	659	
	 O-ring fat 661 volume: 50 g weight: 60 g	661	

KOLLER AQUA ACTIVE



M24x1 thread (outside) od. M22x1 thread (inside)



plus 
EM-Ceramic balls

with water-saving
tap aerator*



for faucets (sinks, bathtubs)
and for use during your holidays

1/2" thread



for showers (to connect to
faucet and shower hose)

1/2" thread

Swivelling showerhead
(conical connection - for static
showers)



3/4" thread

for washing machine, dish-
washer and drain and over-
flow with integrated filling



Water that has been revitalised by **KOLLER AQUA ACTIVE** has a multitude of noticeable qualities and effects that would fascinate the users while experiencing them.

Long term research and development for an ecological water treatment and a sustainable alternative to the existing processes, resulted in a specialised way of water resuscitation, for all creatures and natural habitats.

The water that we are using from the water supply is being treated and pumped, compressed under high pressure. Through these encumbrances the water is often denaturated and carries pollutants.

Koller Aqua Active technology enables recovery of water's natural and energised status that it has at the onset of spring water. **KOLLER AQUA ACTIVE** returns the water to its original state and virtue.

Effectiveness:

Water treatment with **magnets** verifiably reduces limescale. The alteration of the crystallisation properties and of the structure of the deposit-forming water elements results in fewer adherent compounds. This is how so-called 'soft' water is created.

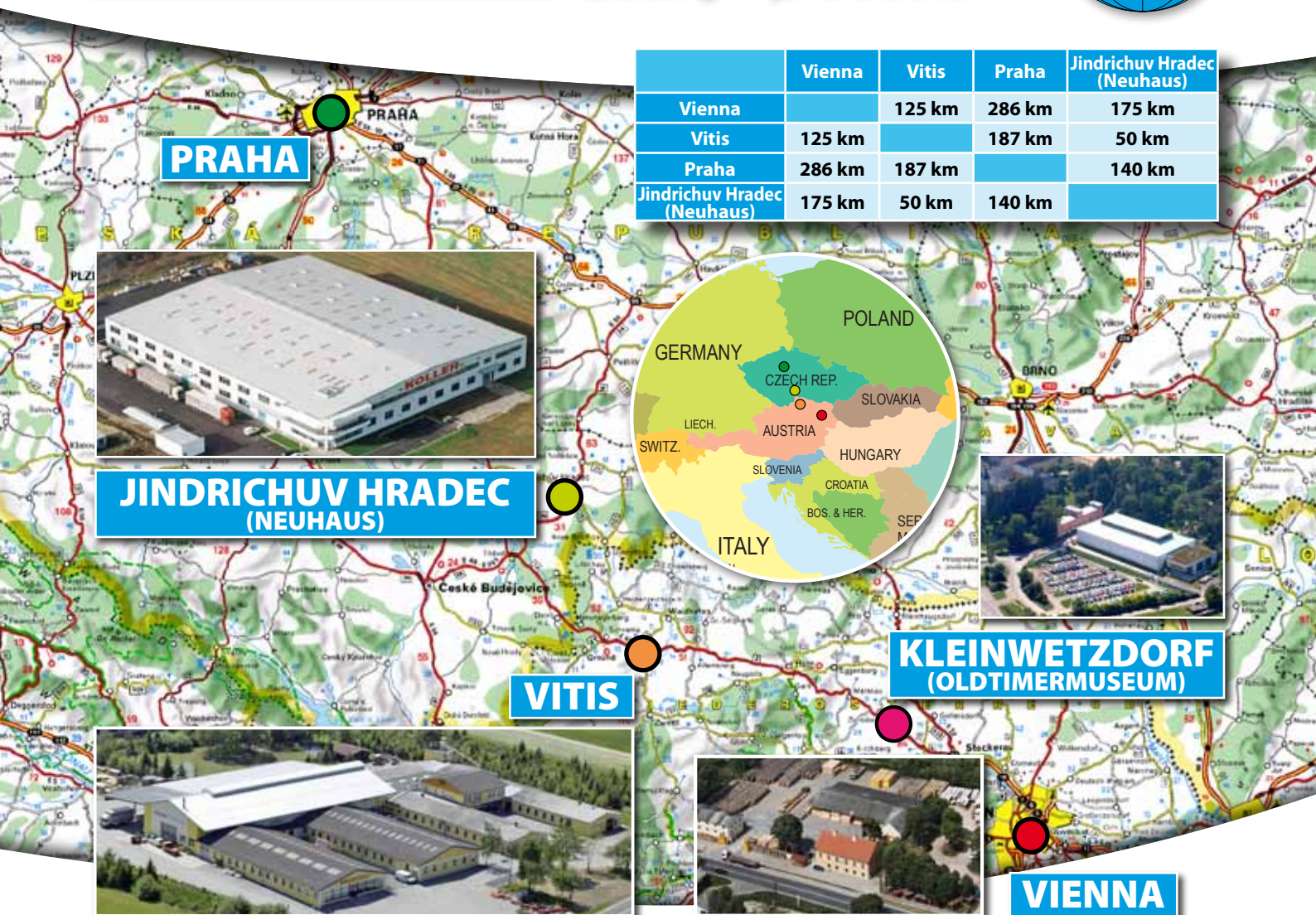
'Dextrorotary' water is invigorated tap water (according to Viktor Schauberger). This energising process transforms the radial force of the water into a positive 'dextrorotary' movement. The emerging forces dissolve any existing negative structures, add new reviving energy to the water and bring it closer to its original spring water quality. Active water is living water!

Effective microorganisms (EM) boost your vitality and health. EM-ceramics are based on mixed cultures of valuable effective microorganisms with strong antioxidant powers which have a healthy and regenerating effect on humans, animals and the natural environment. Hence, vitality and wellbeing are boosted and degenerative, pathogenic processes are prevented. The lifespan of all organic substances is considerably increased.

www.rkoller.com

KOLLER  Quality - products





	Vienna	Vitis	Praha	Jindrichuv Hradec (Neuhaus)
Vienna		125 km	286 km	175 km
Vitis	125 km		187 km	50 km
Praha	286 km	187 km		140 km
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