

System Components

Distributors, wall boxes and connections



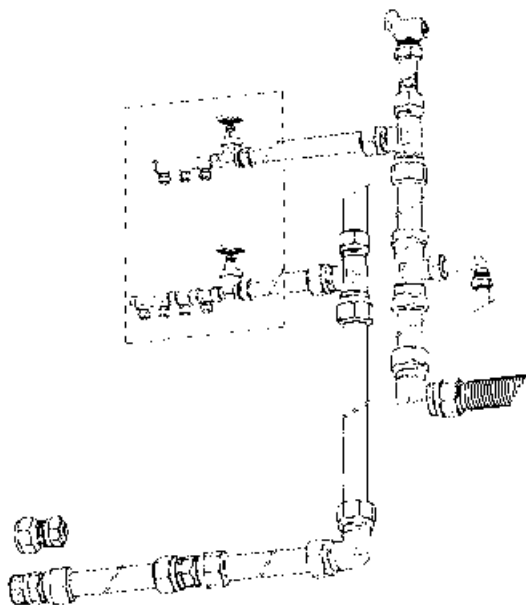
TA

Expert System Components

ENGINEERING ADVANTAGE

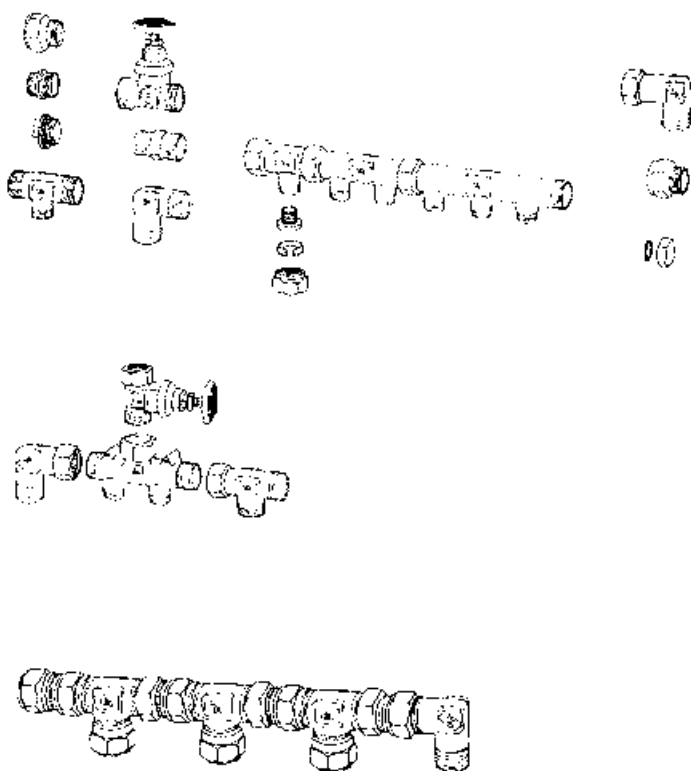
For tap water and heating systems with crosslinked polyethylene pipes (PEX).

> Couplings



More informations about couplings for PEX pipes, see catalogue leaflet FPL-PX.

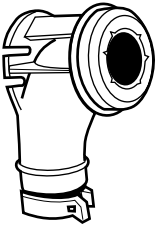
> Manifolds



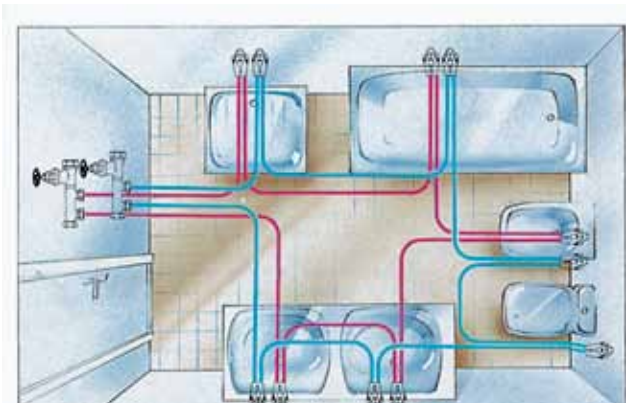
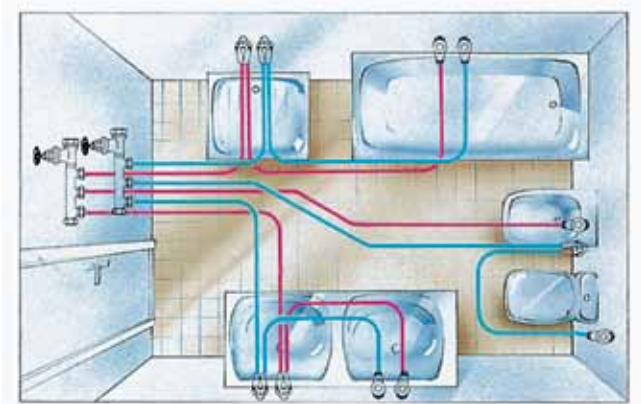
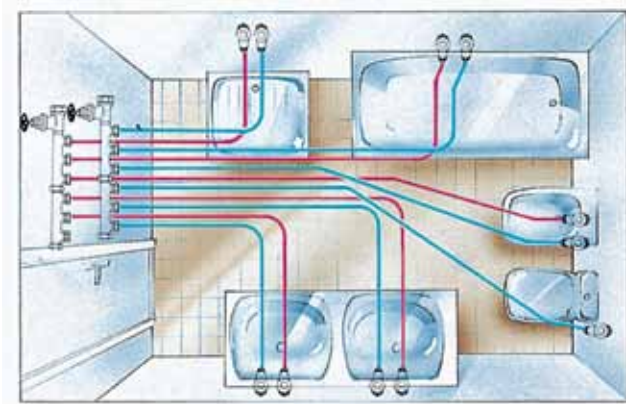
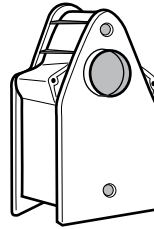
Using transition nipple 53 347 together with tees, elbows etc it is possible to create main manifolds.

> Wall boxes

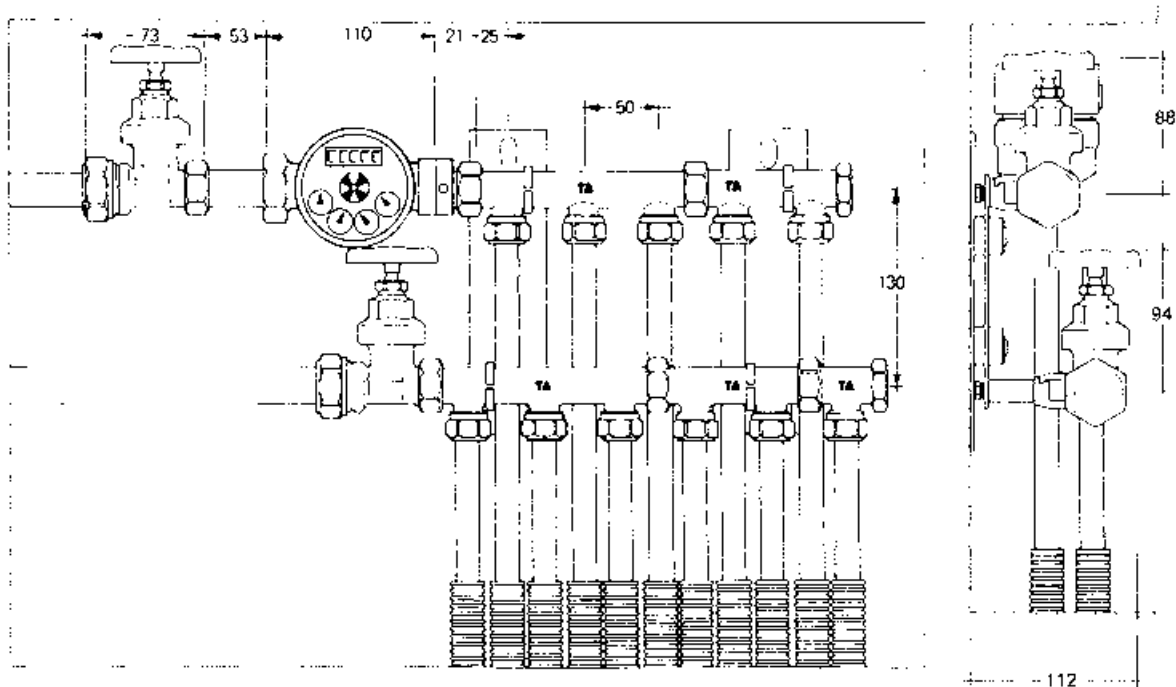
Multi-purpose, single



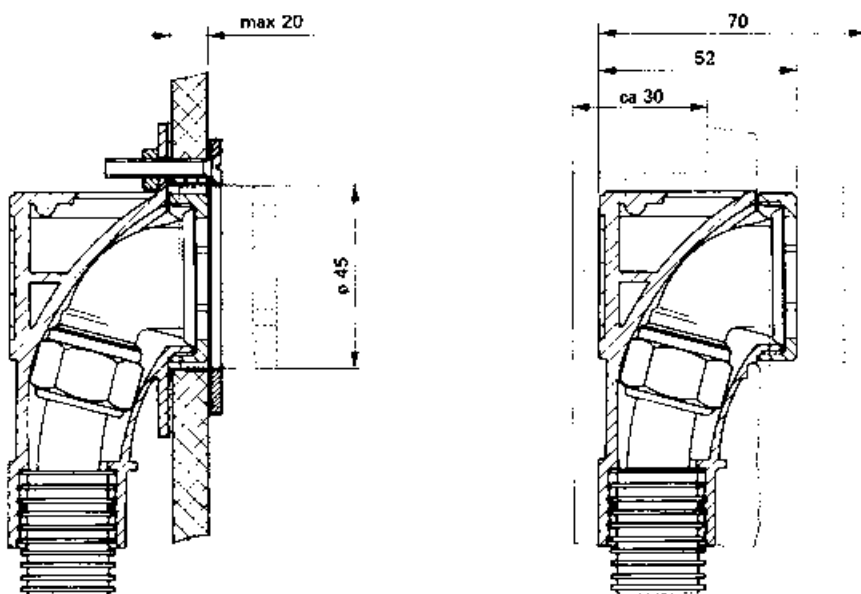
Multi-purpose, double



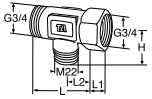
> Illustration of a typical manifold installation



> Illustration of typical installations with wall boxes

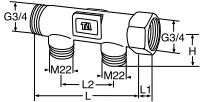


Distribution units



1-way manifold

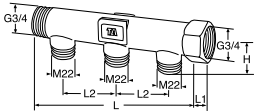
L	L1	L2	H	EAN	Article No
50	9	25	38	7318793255907	56 011-001



2-way manifold

L	L1	L2	H	EAN	Article No
100	9	50	38	7318793256003	56 012-001*

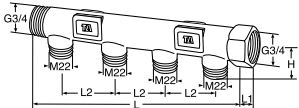
*) Also available with FPL G1/2 instead of FPL M22. For further informations see catalogue leaflet FPL, FPL-PX.



3-way manifold

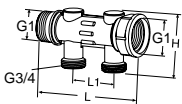
L	L1	L2	H	EAN	Article No
150	9	50	38	7318793256607	56 013-001*

*) Also available with FPL G1/2 instead of FPL M22. For further informations see catalogue leaflet FPL, FPL-PX.



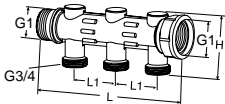
4-way manifold

L	L1	L2	H	EAN	Article No
200	9	50	38	7318793257406	56 024-001



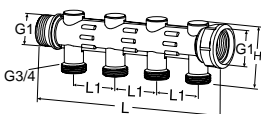
2-way manifold

L	L1	H	EAN	Article No
123	50	62	7318793584106	50 222-100



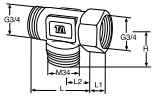
3-way manifold

L	L1	H	EAN	Article No
173	50	62	7318793584205	50 223-100



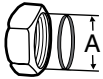
4-way manifold

L	L1	H	EAN	Article No
223	50	62	7318793584304	50 224-100



1-way manifold, special

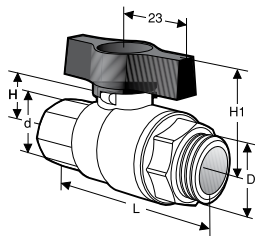
L	L1	L2	H	EAN	Article No
70	9	50	30	7318793257307	56 015-001



Cap with flat gasket

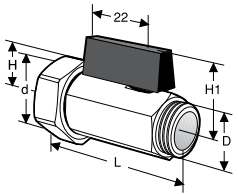
A	EAN	Article No
G3/4	7318793255204	56 000-020

Ball valves



Chrome plated

DN	D	d	L	H	H1	Kvs	EAN	Article No
20	G3/4	G3/4	88	30	47	60	7318793259103	56 028-220



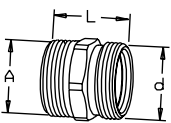
With swivelling nut

Non-plated (yellow)

DN	D	d	L	H	H1	Kvs	EAN	Article No
15	M22x1,5*	M22x1,5*	69	18	30	4,7	7318793258809	56 028-022

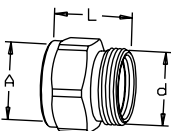
*) FPL-connection M22x1,5

Connection nipples



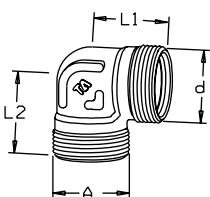
Straight, male

A	d	L	EAN	Article No
R3/4	M28x1,5	32	7318793720504	53 358-620
R3/4	M34x1,5	33	7318793721006	53 358-920



Straight, female

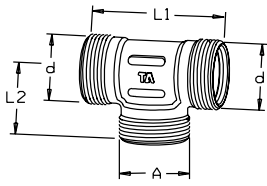
A	d	L	EAN	Article No
G3/4	M28x1,5	29	7318793719508	53 356-620
G3/4	M34x1,5	32	7318793720108	53 356-920



Elbow

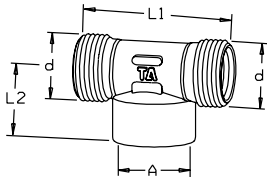
A	d	L1	L2	EAN	Article No
R3/4	M28x1,5	28	32	7318793718600	53 354-620
G3/4**	M34x1,5	31	32	7318793719300	53 354-920

Tee



A	d	L1	L2	EAN	Article No
G3/4**	M34x1,5	70	35	7318793736703	53 352-920

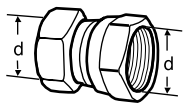
Tee



A	d	L1	L2	EAN	Article No
G3/4	M34x1,5	70	35	7318793722201	53 362-920

Transition coupling

With swivelling nut

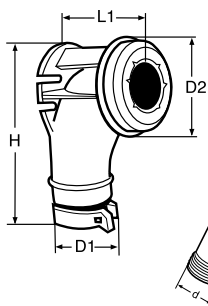


d	L	EAN	Article No
M34x1,5	63	7318793707000	53 347-928
M42x2,0	73	7318793706706	53 347-035

**) Short thread

See also catalogue leaflets FPL and FPL-PX.

Wall boxes

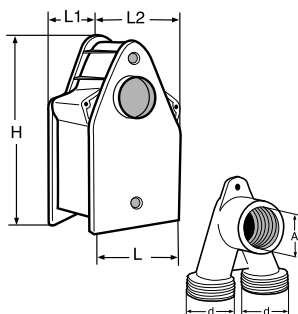


Multi-purpose, single

D1	D2	L1	H	EAN	Article No
25	50	48	95	7318793261809	56 090-100

Elbow

A	d	EAN	Article No
G1/2	M22x1,5	7318793264701	56 096-001

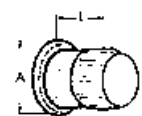


Multi-purpose double

L	L1	L2	H	EAN	Article No
48	34	72	110	7318793262004	56 090-200

Elbow

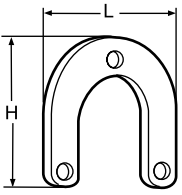
A	d	EAN	Article No
G1/2	M22x1,5	7318793264305	56 094-001



Testing and assembly caps

A	L	EAN	Article No
M30x1,5	30	7318793266408	56 099-300

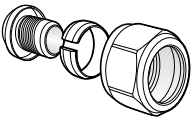
Accessories for wall boxes



Inner mounting ring for 56 090-100
 Special wall lead-ins for Scandinavian building methods are manufactured but not marketed by TA. Please contact us for more information.

L	H	EAN	Article No
67	55	7318793265906	56 099-011

FPL-PX connection set



For manifolds, wall box elbows and connection nipples

M22x1,5 Non-plated (yellow)

L	For PEX-pipes	EAN	Article No
13	12x1,1	7318792946806	53 642-012
13	12x2,0	7318792947605	53 643-312
14	14x2,0	7318792947704	53 643-314
16	15x2,5	7318792947803	53 643-315
14	16x1,5	7318792946905	53 642-016
14	16x2,0	7318792947407	53 643-016
14	16x2,2	7318792947902	53 643-316
18	17x2,0	7318792948008	53 643-317
23	18x2,5	7318793654601	53 643-018

G3/4 Non-plated (yellow)

L	For PEX-pipes	EAN	Article No
12	12x2,0	7318792945304	53 641-312
14	15x2,5	7318793647009	53 641-415
14	16x2,0	7318792945601	53 641-316
18	17x2,0	7318792945700	53 641-317
16	18x2,5	7318793713407	53 641-618
16	20x2,3	7318792945908	53 641-320
16	20x2,0	7318792946004	53 641-420
16	22x3,0	7318793647108	53 641-422

G3/4 Nickel plated

L	For PEX-pipes	EAN	Article No
14	16x2,2	7318792946301	53 641-616

M28x1,5 Non-plated (yellow)

L	For PEX-pipes	EAN	Article No
13	15x2,5	7318792950407	53 644-615
13	16x2,2	7318792949104	53 643-616
13	18x2,5	7318792950506	53 644-618
15	20x2,0 (20x1,9)	7318792950605	53 644-620
16	20x2,8	7318792949203	53 643-620
16	22x3,0	7318792950704	53 644-622

L = Over all length

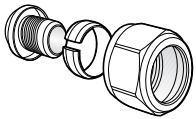
M34x1,5 Non-plated (yellow)

L	For PEX-pipes	EAN	Article No
12	16x2,2	7318792950902	53 644-916
14	18x2,5	7318792951008	53 644-918
14	20x2,8	7318792951107	53 644-920
13	22x3,0	7318792951206	53 644-922
16	25x2,3	7318792950803	53 644-625
16	25x3,5	7318792951305	53 644-925
20	28x4,0	7318792951404	53 644-928

M42x1,5 Non-plated (yellow)

L	For PEX-pipes	EAN	Article No
14	22x3,0	7318792949500	53 643-922
16	25x2,3	7318792949302	53 643-625
16	25x3,5	7318792949609	53 643-925
14	28x4,0	7318792949708	53 643-928
17	32x3,0	7318792949807	53 643-932
17	32x4,4	7318792951503	53 644-932

> FPL-MT connection set



For manifolds, wall box elbows and connection nipples

M22x1,5 Non-plated (yellow)

L	For MT-pipes	EAN	Article No
14	16x2,0	7318792963001	53 693-016

M28x1,5 Non-plated (yellow)

L	For MT-pipes	EAN	Article No
16	20x2,0	7318793754301	53 693-620
16	20x2,25	7318793765802	53 694-620

L = Over all length

Installation instructions



1. Mark the positions of the holes and where the pipes are to run. Mill recesses for conduit pipes and holes for the wall connection box. When conduit pipes are to be fitted, angles should be kept as wide as possible. Pipes and boxes can of course be built into wooden walls, in which case no recesses are required.



2. Centre the template over the recess. Then attach the connection box to the template with the help of the plugs. Position the covers for the box, and secure the template with nails. Use a spirit level to check the position of the covers vertically and horizontally. Mortar the covers in position. Allow the mortar to dry before proceeding further. While waiting for it to do so, assemble the manifold.



3. Once the mortar has dried around the covers, proceed as follows:
 Detach the plugs and extract the nails so that the template can be removed.
 Remove the protective tops from covers and extract the O-rings.
 With the pipecutter, cut the conduit pipe to the right length using the cutting and positioning sleeve for the purpose. Insert the cutting and positioning sleeve between the waterpipe and the conduit pipe, allowing the waterpipe to project about 100-150 mm.
 Fit the O-ring around the third groove in the conduit pipe. Insert the waterpipe into the box, and push the conduit pipe as far in as it will go. The O-ring must form a tight seal between the connection box and the conduit pipe. The end of the waterpipe should now be projecting from the connection box.



4.

Fit the nut and ring onto the waterpipe, and then insert the loose support bush into the pipe. If the bush proves difficult to insert, carefully tap it into the pipe with a wooden or plastic mallet.

Connect the elbow fitting to the pipe. Screw the cutting and positioning sleeve into the elbow fitting, and then make the compression coupling with the help of a wrench and the cutting and positioning sleeve.



5.

Fit the securing nut onto the cutting and positioning sleeve. Using the cutting and positioning sleeve, insert the elbow fitting into the wall box.

By hand, screw the securing nut as tight as possible. Then unscrew and withdraw the cutting and positioning sleeve, reverse it, and use it to tighten the securing nut fully.



6.

Lay the pipe in the recess intended for it. Measure the waterpipe (it must be long enough to reach the intended connection point). Then cut it with the pipecutter. Insert the cutting and positioning sleeve between the waterpipe and the conduit pipe, and cut off about 15 cm of the conduit pipe.

Unscrew the coupling from the manifold.

Push the nut and ring onto the pipe. Then insert the support sleeve into the pipe, and connect the pipe to the manifold.



7.

Connect the other pipes to the manifold.

Before testing the pressure in the installation, screw the plugs onto the cover threads, and tighten them up.

For instructions for testing the pressure in the installation, please consult the separate instruction sheet.



8. When testing the pressure has been completed, make good to a plaster finish.

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8-5-5 System components 03.2012