



KAN-therm Push System

technical information,
catalogue

ISO 9001 : 2000



In response to suggestions of our customers we present **KAN-therm Push System Catalog** in its new, changed form which facilitates proper choice of pipes and connectors depending on system type and its operation parameters.

KAN-therm Push Catalog consists of two sections:

- technical section,
- assortment section.

The technical section contains all necessary information for making orders as well as for system assembly on site. More details can be found in "**KAN-therm System Designer and Contractor's Handbook**."

The assortment section is divided into 12 chapters presenting various assortment groups (see Contents).

First three chapters are concerned with Push connector system for PE-Xc and PE-RT pipes. Each chapter contains a complete assortment (pipes and connectors) in system type order (heating or water) and required operation parameters (10 or 6 bar). Such an order of elements considerably facilitates proper choice of pipes and connectors for particular application (heating/water systems, operation parameters: 6/10 bar).

When choosing PE-Xc, PE-RT pipes and Push connector (chapters 1-3) for a given system type, you should choose elements from the same chapter respectively.

Chapter 1

KAN-therm Push System for water and heating systems up to 10 bar (general-purpose 10 bar) - they are PE-Xc pipes in series of diameters 14×2, 18×2.5, 25×3.5, 32×4.4 with diffusion barrier, together with proper connectors, designed for water and heating systems up to 10 bar.

Chapter 2

KAN-therm Push System for water and heating systems up to 6 bar (general-purpose 6 bar) - they are PE-Xc and PE-RT pipes in series of diameters 14×2, 18×2, 25×3.5, 32×4.4 with diffusion barrier, together with proper connectors, designed for water and heating systems up to 6 bar.

Chapter 3

KAN-therm Push System for water systems up to 10 bar - they are PE-Xc and PE-RT pipes in series of diameters 18×2.5, 25×3.5, 32×3.4 without diffusion barrier, together with proper connectors, designed for water systems up to 10 bar.

KAN-therm Push System is a complete installation system consisting of PE-Xc or PE-RT polyethylene pipes and PPSU or brass fittings in diameter range of Ø14-32 mm.

O-Ring-free and leakproof connections in **KAN-therm Push System** are obtained by sliding a brass sleeve over a fitting and a pipe. The connections do not require additional seals, e.g. teflon tape and tow. Manifolds and installation cabinets complement the system.

KAN-therm Push System has been designed on the basis of "**quick assembly - long-lasting effect**" principle, which enables to accelerate considerably investment and finishing works.

KAN-therm Push System - modern technology

The newest generation of materials (PPSU - phenylene polysulfone) used in production of connectors ensure:

- 100% corrosion resistance,
- total neutrality towards drinking water,
- fittings' durability higher than pipes' durability,
- high mechanical strength.

PPSU connector production technology practically excludes any latent defects.

KAN-therm Push System - long-lasting technology

KAN-therm Push System, because of perfect design of its elements and their mutual matching, provides:

- over 50-year-long life,
- high temperature operation - $T_{work} = 80^{\circ}\text{C}$ (working), $T_{max} = 90^{\circ}\text{C}$ (maximum, heat source should have a safety device against temperature rise above that value) and 6 bar working pressure for pipes with EVOH layer, and 10 bar for pipes without EVOH layer,
- extremely durable PPSU joints whose maximum operation parameters are limited by pipe durability,
- 100% corrosion free regardless of water quality.

KAN-therm Push System - optimal technology

KAN-therm Push System allows to choose optimal technical and economic solutions because:

- Push joints can be concealed in floors;
- it is compatible with systems made of different materials;
- it enables to make economical distribution systems.

KAN-therm Push System - safe technology

KAN-therm Push System guarantees full assembly and operation safety:

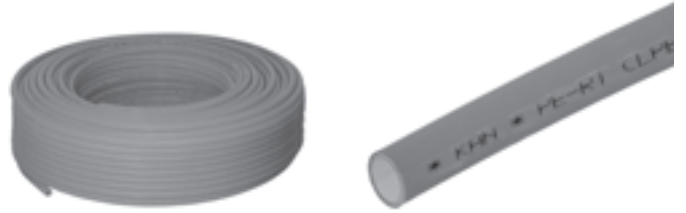
- Push PPSU connectors have technical approval AT/2000-02-0914-01 and positive hygienic assessment PZH HK/W/0055/02/2005;
- PE-RT pipes have technical approval AT/2003-02-1399 and positive hygienic assessment PZH HK/W/0803/01/2003;
- PE-Xc pipes have technical approval AT/2003-02-1317 and positive hygienic assessment PZH HK/W/0641/01/2005;
- the system has a 10-year guarantee.

PE-RT pipes

KAN-therm Push System PE-RT pipes are made of high temperature resistant polyethylene acetate copolymer Dowlex 2344 E.

PE-RT pipe assortment:

- PE-RT pipes according to DIN 16776, 16883 without EVOH diffusion barrier, series of diameters Ø18×2.5, Ø25×3.5, Ø32×4.4 for hot and cold water system,
- PE-RT pipes according to DIN 16776, 16883, 4726 with EVOH diffusion barrier, series of diameters Ø12×2, Ø14×2, Ø18×2, Ø25×3.5, for central heating system.



PE-RT pipe size, application, and water capacities:

No.	External diameter [mm]	Wall thickness [mm]	EVOH layer	System type	Water capacity [dm³/m]
1	12	2,0	yes	central heating*	0,050
2	14	2,0	yes	central heating*	0,079
3	18	2,0	yes	central heating*	0,154
4	25	3,5	yes	central heating*	0,254
5	18	2,5	no	hot and cold water	0,133
6	25	3,5	no	hot and cold water	0,254
7	32	4,4	no	hot and cold water	0,423

EVOH (ethylene-vinyl alcohol) diffusion barrier is applied directly on base pipe and fixed by glue layer; it meets DIN 4726 requirements.

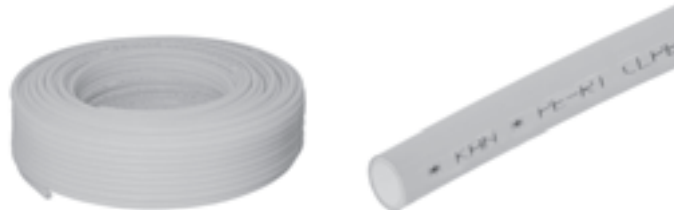
* pipes with EVOH layers can be also applied for hot and cold water systems.

PE-Xc pipes

KAN-therm Push System PE-Xc pipes are made of high density polyethylene and subjected to crosslinking by a stream of electrons ("c" method - physical method, no chemicals used).

PE-Xc pipe assortment:

- PE-Xc pipes according to DIN 16892/93 without EVOH diffusion barrier, series of diameters Ø18×2.5, Ø25×3.5, Ø32×4.4 for hot and cold water system,
- PE-Xc pipes according to DIN 16892/93, 4726/29 with EVOH diffusion barrier, series of diameters Ø12×2, Ø14×2, Ø18×2, Ø18×2.5, Ø25×3.5, Ø32×4.4 for central heating system.



PE-Xc pipe size, application, and water capacities:

No.	External diameter [mm]	Wall thickness [mm]	EVOH layer	System type	Water capacity [dm³/m]
1	12	2,0	yes	central heating*	0,050
2	14	2,0	yes	central heating*	0,079
3	18	2,0	yes	central heating*	0,154
4	18	2,5	yes	central heating*	0,133
5	25	3,5	yes	central heating*	0,254
6	32	4,4	yes	central heating*	0,423
7	18	2,5	no	hot and cold water	0,133
8	25	3,5	no	hot and cold water	0,254
9	32	4,4	no	hot and cold water	0,423

EVOH (ethylene-vinyl alcohol) diffusion barrier is applied directly on base pipe and fixed by glue layer; it meets DIN 4726 requirements.

* pipes with EVOH layers can be also applied for hot and cold water systems.

PE-RT and PE-Xc pipes operation parameters

PE-RT and PE-Xc pipes according to AT/2003-02-1399 (PE-RT) and AT/2003-02-1317 (PE-Xc) approvals can operate:

System type and application class	External PE-RT, PE-Xc pipe diameter [mm]	Wall thickness [mm]	EVOH layer	Pipe series S	Operation parameters	
					P _{work} ⁽²⁾ [bar]	T _{work} /T _{max} [°C]
Central heating systems class 5 (for class 4 floor heating T _{work} /T _{max} - 60/70°C)	12	2,0	yes	2,50	10	80/90
	14 ⁽¹⁾	2,0	yes	3,00	10	80/90
	18	2,0	yes	4,00	8	80/90
	18 ⁽¹⁾	2,5	yes	3,10	10	80/90
	25 ⁽¹⁾	3,5	yes	3,07	10	80/90
	32 ^{*1)}	4,4	yes	3,14	10	80/90
Cold water system	18	2,5	no	3,10	10	20
	25	3,5	no	3,07	10	20
	32	4,4	no	3,14	10	20
Hot water system ^{1, (2)}	18	2,5	no	3,10	10	60,(70)/80
	25	3,5	no	3,07	10	60,(70)/80
	32	4,4	no	3,14	10	60,(70)/80

* not available for PE-RT pipes

- PE-Xc general-purpose pipes that can be applied in hot and cold water system (P_{max} = 10 bar, T_{max} = 80°C), central heating (P_{max} = 10 bar, T_{max} = 90°C).
- In class 4.5 working pressure for PE-RT pipes equals 6 bar.

Attention:

In Poland, separate regulations concerning maximum operation parameters apply:

- central heating system 90°C and 6 bar, floor heating 60°C and 6 bar (in the above mentioned approvals for central heating system max pressure 6 bar is given);
- hot water system 60°C and 10 bar (at draw-off points max 6 bar PN 92/B-01706);

Working temperature T_{work} in particular classes should be considered as designed temperature, maximum temperature T_{max} as temperature before exceeding; systems should be secured.

PE-RT and PE-Xc pipes' physical properties

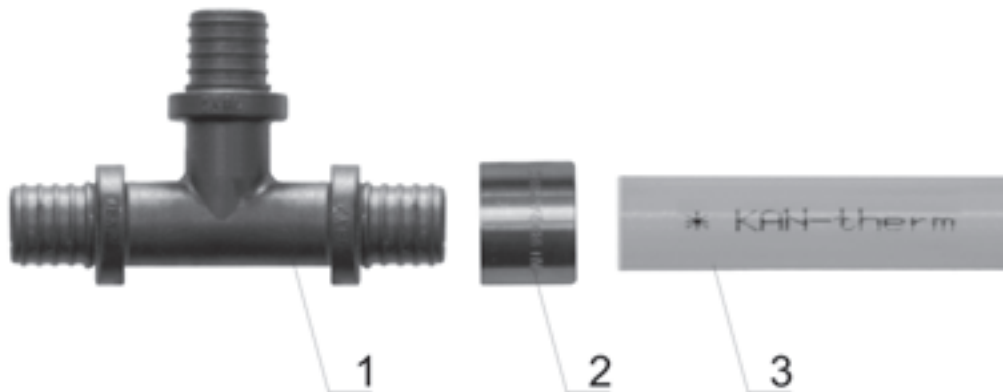
No.	Properties	Unit of measure	Value	
1	Thermal conductivity	[W/mK]	0,41	
2	Coefficient of linear expansion:			
		20°C	[K ⁻¹]	1,4×10 ⁻⁴
		100°C	[K ⁻¹]	2,0×10 ⁻⁴
3	Density of material	[g/cm ³]	0,94	
4	Internal pipe roughness (absolute)	[mm]	0,005	
5	Limiting working temperatures:			
		PE-RT	[°C]	-40 ÷ 90
		PE-Xc	[°C]	-40 ÷ 95
6	E Module	[N/mm ²]	600	

Transport and storage

PE-RT and PE-Xc pipes are delivered in 25, 50, 120, 200 m rolls in carton packages. They can be stored in different temperatures, also low ones (below 0°C). Because of vulnerability to UV rays pipes should be protected against direct, long-lasting exposure to sunlight.

Push connections

Making Push connection consists in sliding a brass sleeve over a pipe and a fitting using hand or hydraulic press.



1. Connector for Push connections (PPSU tee),
2. brass sleeve for Push connections,
3. PE-RT or PE-Xc pipe.

Fittings for Push connections:



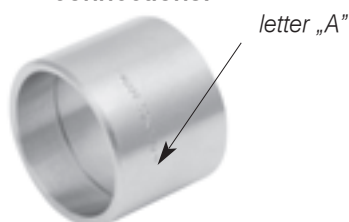
- elbows and tees,
- elbows, tees and other fittings with copper pipe, nickel plated $\text{Ø}15$ mm;
(elbows and PPSU tees with copper pipe, nickel plated should be assembled as fixed points by direct fixing in construction bulkhead consisting in embedding in concrete or mortar of plastic part of a fitting. Such an assembly protects fittings against excess weight of radiators and fixtures),
- connectors, screw joints, male and female joints,
- battery connection,
- special fittings.

In the case of using brass fittings in highly corrosive water systems it is advised to apply nickel fittings (MN).

Attention:

For sealing screw threads in PPSU fittings (e.g. battery connections with PPSU) do not use aggressive sealing measures, e.g. Loctite 577.

Brass sleeves for Push connections:



Ring for PE-Xc and PE-RT pipes with diffusion barrier is marked with a letter "A".



Ring for PE-Xc and PE-RT pipes without diffusion barrier has a "groove" on its external surface.

Push connections assembly



Cut PE-RT or PE-Xc pipe of required length using shears. Cut perpendicularly to pipe axis.



Put sleeve on the pipe with innerly beveled end from the fitting side. Carefully choose proper sleeve as there are different sleeves for pipes with and without diffusion barrier.



Expanding the pipe using expanding tool should be performed in three phases. First two expansions not full, then rotate the expanding tool through 30° and 15° against the pipe. The third expansion is full.



Insert the fitting into the pipe up to the last bead on the fitting.



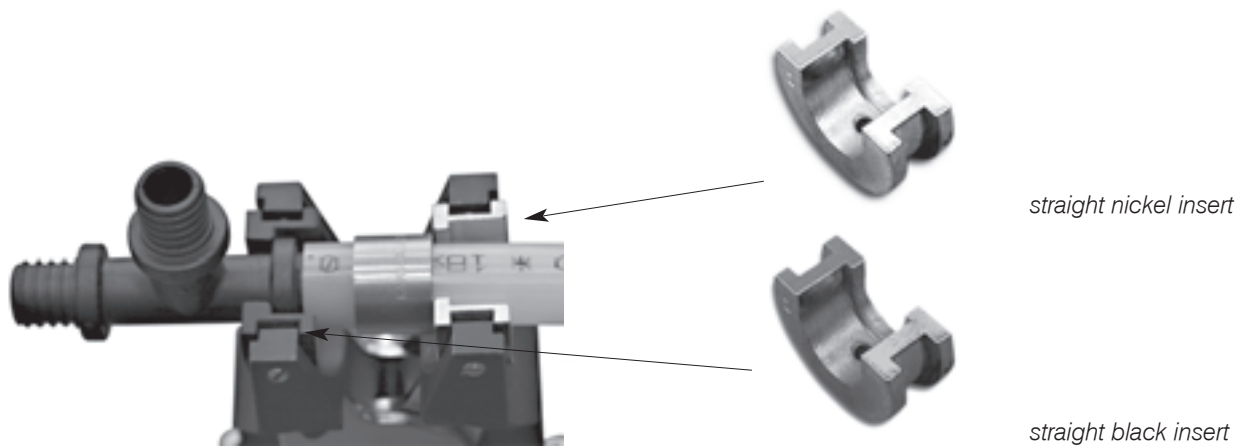
Slide the sleeve using hand or hydraulic press with foot-operated drive. Fittings can be gripped only at flanges. Do not slide two sleeves at the same time.



The connection is ready for pressure test.

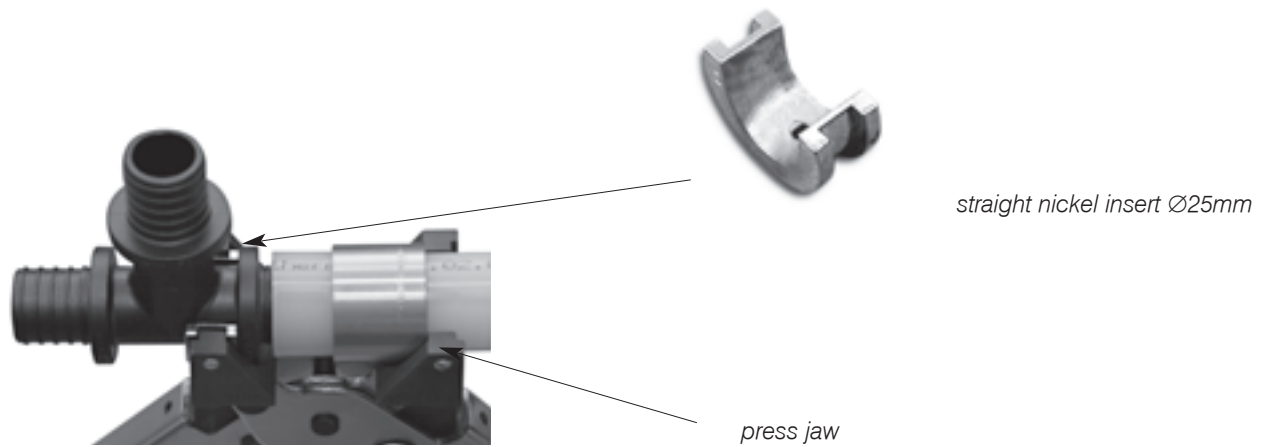
Attention:

For assembly of fittings made of PPSU plastic you have to use, from the fitting side, black inserts marked with a letter T (14, 18 or 25) and from the sleeve side straight nickel inserts. Plastic fitting should be supported against the flange directly adjacent to stub pipe on which a sleeve is slid.

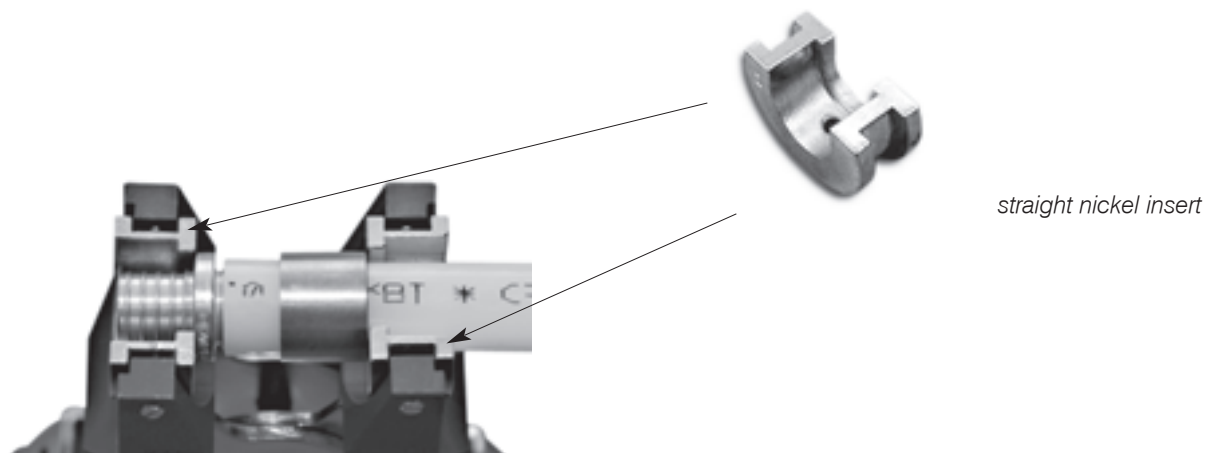


Push connections assembly

In the case of PPSU fitting of $\varnothing 32$ mm in diameter assembly use, from the fitting side, straight nickel insert $\varnothing 25$ mm, and a press jaw from the sleeve side.

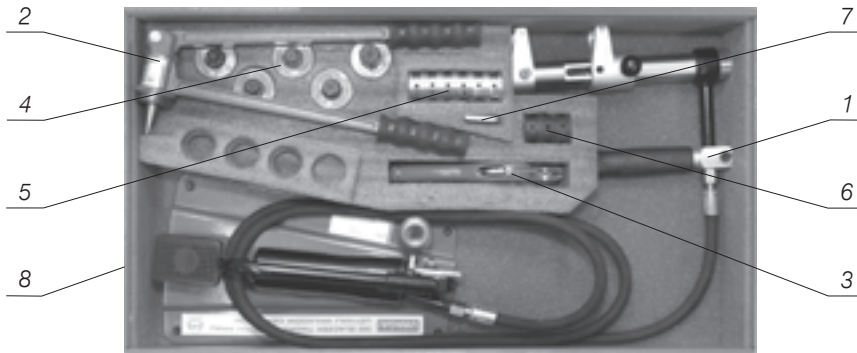


Assemble brass elements using straight nickel inserts.



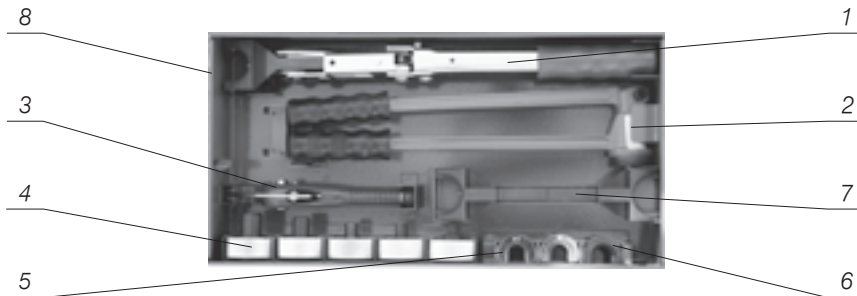
Push tools

Hydraulic Push tool with foot-operated drive - case set.



1. Hydraulic Push tool with foot drive.
2. Expanding tool for pipes PE-Xc and PE-RT.
3. Cutter for pipes PE-Xc and PE-RT.
4. Expanding head (14×2, 18×2, 18×2.5, 25×3.5, 32×4.4)
5. Insert set (14, 18, 25) - 2 pcs.
6. Insert set (T14, T18, T25) - 1 pcs.
7. Allen's key.
8. Tool case.

Mechanical hand Push tool - case set.

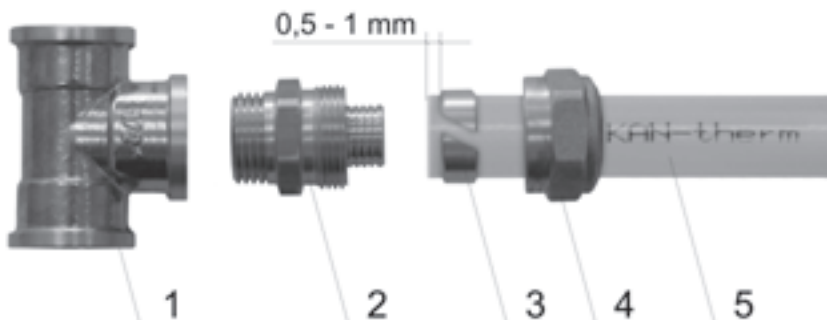


1. Manual mechanical Push tool
2. Expanding tool for pipes PE-Xc and PE-RT.
3. Cutter for pipes PE-Xc and PE-RT.
4. Expanding head (14×2, 18×2, 18×2.5, 25×3.5, 32×4.4)
5. Insert set (14, 18, 25) - 2 pcs.
6. Insert set (T14, T18, T25) - 1 pcs.
7. Jaws for manual mechanical Push tool in diameter range 14-18 mm and 25-32 mm.
8. Tool case.

Screwed connections for PE-RT and PE-Xc pipes

Rules for making a screwed connection:

1. Screw in connector body into fitting with screw thread sealing.
2. Place nut and ring on the pipe.
3. Slide the pipe on the connector body and screw on the nut clamping the ring.



1. Fitting - female tee.
2. straight male connector (body).
3. Compression ring.
4. Clamping nut.
5. PE-RT or PE-Xc pipe.

Insert the compression ring on the pipe and the ring edge should be 0.5 to 1 mm distant from the pipe edge. The pipe should be slid to the end of connector body. The connection can be considered as dismountable provided after exiting the pipe, by the connector body the used end of pipe is cut off and a new connection is made.

It is not allowed to rotate the fitting against the pipe during and after the assembly or use any pastes to make the sliding of pipe onto the connector body easier.

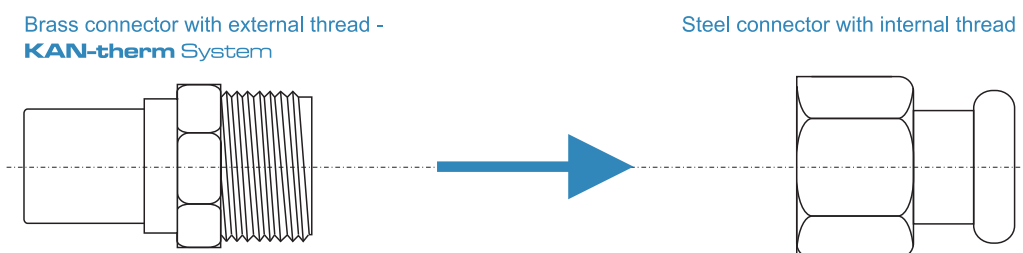
Screwed connectors operate with:

- fittings with internal threads, e.g. elbows, tees, battery connections, manifolds without nipples (without accessories);
- fixtures with internal threads.



Connections of that type:

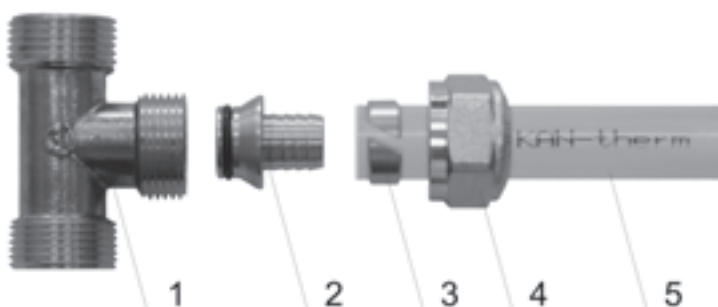
- should be sealed by hemp (threads) with addition of pastes, in the case of internal brass threads making sure there is no excess tow;
- internal brass threads (cylindrical thread contour) should not be connected with pipe external threads (conical thread contour) because of danger of brass fracture;
- apply a rule that connectors and fittings with internal threads should not be connected with elements which are not included in **KAN-therm System**.



- should not be concealed in floors.

Screwed connections for PE-RT and PE-Xc pipes - screw joint connections

Screw joint connections are a variation of screwed connections.



1. Fitting - male tee.
2. Eurocone adapter (body).
3. Compression ring.
4. Clamping nut.
5. PE-RT or PE-Xc pipe.

The basic element of such connections are screw joints which have an O-Ring between the connector and the fitting. Screw joint connections operate with:

- fitting series 9012 with external threads;
- manifolds with special nipples;
- radiator combined valves.



Screw joint connections are characterized by the cone and an O-Ring between the connector and the fitting. Connections of that type are self-sealing and additional sealing should not be applied, e.g. teflon tape or tow. Connections of that type should be located in easily accessible places.

KAN-therm Push System Catalogue

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KAN-therm pipe PE-Xc acc. to DIN 16892/93 with EVOH layer acc. to DIN 4726 - for Push and screw fittings

Size	Pipe length in coil/on palette	Code	Price €/m
Ø14×2	200/4000	0.2145	
Ø18×2,5	200/3000	0.9119	
Ø25×3,5	50/1000	0.9127	
Ø32×4,4	25/500	0.9133	



KAN-therm Push straight male connector

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø14×2 G½"	10/150	9006.37K	
**Ø14×2 G½" (MN)	10/150	9006.37KC	
Ø18×2,5 G½"	10/150	9006.39K	
**Ø18×2,5 G½" (MN)	10/150	9006.39C	
Ø25×3,5 G½"	10/150	9014.98	
**Ø25×3,5 G½" (MN)	10/150	9014.98C	
Ø25×3,5 G¾"	10/150	9014.220	
**Ø25×3,5 G¾" (MN)	10/150	9014.220C	
Ø32×4,4 G1"	5/50	9019.030	
**Ø32×4,4 G1" (MN)	5/50	9019.030C	

(MN) - brass fitting, nickel plated



KAN-therm Push straight female connector

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø14×2 G½"	10/150	9014.270	
**Ø14×2 G½" (MN)	10/150	9014.270C	
Ø18×2,5 G½"	10/150	9014.290	
**Ø18×2,5 G½" (MN)	10/150	9014.290C	
Ø25×3,5 G¾"	5/70	9014.300	
**Ø25×3,5 G¾" (MN)	5/70	9014.300C	
Ø32×4,4 G1"	5/50	9019.040	
**Ø32×4,4 G1" (MN)	5/50	9019.040C	

(MN) - brass fitting, nickel plated

Don't join them with conical external threads (e.g. R½").



KAN-therm Push eurocone adapter

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø18×2,5 G½"	20/200	9014.250	
**Ø18×2,5 G½" (MN)	20/200	9014.250C	

(MN) - brass fitting, nickel plated

Push eurocone adapter can be used for manifold type 40 (p. 33) or male tees and elbows.



KAN-therm Push coupling

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø14×2/Ø14×2	50/500	9006.06	
**Ø14×2/Ø14×2 (MN)	50/500	9006.06C	
Ø18×2,5/Ø18×2,5	20/400	9006.08	
**Ø18×2,5/Ø18×2,5 (MN)	20/400	9023.07	
Ø18×2,5/Ø14×2	20/400	9019.130	
**Ø18×2,5/Ø14×2 (MN)	20/400	9019.130C	
Ø25×3,5/Ø25×3,5	10/150	9006.10	
**Ø25×3,5/Ø25×3,5 (MN)	10/150	9006.10C	
Ø25×3,5/Ø18×2,5	20/200	9006.11CN	
**Ø25×3,5/Ø18×2,5 (MN)	20/200	9006.11C	
Ø32×4,4/Ø25×3,5	5/70	9019.120	
**Ø32×4,4/Ø25×3,5 (MN)	5/70	9019.120C	
Ø32×4,4/Ø32×4,4	5/60	9019.050	
**Ø32×4,4/Ø32×4,4 (MN)	5/60	9019.050C	

(MN) - brass fitting, nickel plated

This coupler is used for repair purposes (re-boring faults) as well as for joining of long pipe sections.

KAN-therm Push tee for radiator connection with dia 15 copper pipe $L_{min} = 300$ mm, nickel plated

Size d_1/d_2	Pcs. in one box	Code	Price €/pcs.
* $\varnothing 14 \times 2 / \varnothing 14 \times 2$ (P)	50	9018.130	
$\varnothing 14 \times 2 / \varnothing 14 \times 2$ (MN)	50	9013.14	
* $\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (P) LH	40	9018.340	
* $\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (P) RH	40	9018.350	
$\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (MN) LH	40	9013.500	
$\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (MN) RH	40	9013.510	
* $\varnothing 18 \times 2,5 / \varnothing 18 \times 2,5$ (P)	40	9018.260	
$\varnothing 18 \times 2,5 / \varnothing 18 \times 2,5$ (MN)	50	9006.310	
* $\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (P) LH	40	9018.770	
* $\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (P) RH	40	9018.780	
$\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (MN) LH	40	9013.270	
$\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (MN) RH	40	9013.280	
* $\varnothing 25 \times 3,5 / \varnothing 25 \times 3,5$ (P)	40	9018.970	
$\varnothing 25 \times 3,5 / \varnothing 25 \times 3,5$ (MN)	40	9003.700	
* $\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (P) LH	25	9032.090	
* $\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (P) RH	25	9032.100	
$\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (MN) LH	40	9019.090	
$\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (MN) RH	40	9019.100	
* $\varnothing 32 \times 4,4 / \varnothing 32 \times 4,4$ (P)	15	9032.130	
$\varnothing 32 \times 4,4 / \varnothing 32 \times 4,4$ (MN)	15	9019.150	

KAN-therm Push tee for radiator connection with dia 15 copper pipe $L_{min} = 750$ mm, nickel plated

Size d_1/d_2	Pcs. in one box	Code	Price €/pcs.
* $\varnothing 14 \times 2 / \varnothing 14 \times 2$ (P)	30	9018.140	
$\varnothing 14 \times 2 / \varnothing 14 \times 2$ (MN)	25	9013.15	
* $\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (P) LH	30	9018.360	
* $\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (P) RH	30	9018.370	
$\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (MN) LH	30	9013.520	
$\varnothing 18 \times 2,5 / \varnothing 14 \times 2$ (MN) RH	30	9013.530	
* $\varnothing 18 \times 2,5 / \varnothing 18 \times 2,5$ (P)	25	9018.270	
$\varnothing 18 \times 2,5 / \varnothing 18 \times 2,5$ (MN)	25	9006.320	
* $\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (P) LH	20	9018.790	
* $\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (P) RH	20	9018.800	
$\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (MN) LH	20	9013.290	
$\varnothing 25 \times 3,5 / \varnothing 18 \times 2,5$ (MN) RH	20	9013.300	
* $\varnothing 25 \times 3,5 / \varnothing 25 \times 3,5$ (P)	20	9018.980	
$\varnothing 25 \times 3,5 / \varnothing 25 \times 3,5$ (MN)	15	9003.710	
* $\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (P) LH	15	9032.110	
* $\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (P) RH	15	9032.120	
$\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (MN) LH	15	9019.110	
$\varnothing 32 \times 4,4 / \varnothing 25 \times 3,5$ (MN) RH	15	9019.140	
* $\varnothing 32 \times 4,4 / \varnothing 32 \times 4,4$ (P)	10	9032.140	
$\varnothing 32 \times 4,4 / \varnothing 32 \times 4,4$ (MN)	10	9019.160	

(P) - PPSU version, (MN) - brass fitting, nickel plated

Other length L_{min} on request.

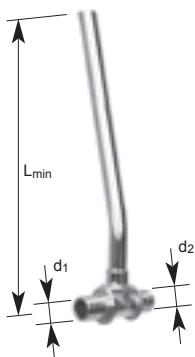
Use RH and LH reduction tees to connect radiators. RH tee identification: looking at bigger diameter the copper pipe bow should be at the right side.

Drawing shows LH reduction tee.

If PPSU version is mounted plastic body with metal ring which constitutes connection to copper pipe must be fixed with concrete.

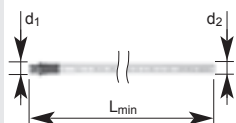
To connect it to radiator valves or straight to VK radiators use following parts:

- eurocone adapter for copper pipe $\varnothing 15$, G $\frac{3}{4}$ ", code 9023.08 (p. 30),
- compression ring for copper pipes $\varnothing 15$, code 4400.33 (p. 30),
- nut for copper pipes $\varnothing 15$, G $\frac{1}{2}$ ", code 9003.17 (p. 30),
- compression set for copper pipe $\varnothing 15$ G $\frac{1}{2}$ ", code 629201N (p. 30),
- straight female nipple body G $\frac{1}{2}$ ", code 9001.35 (p. 30).



KAN-therm Push coupling for radiator connection with dia 16 multilayer pipe $L_{min} = 500$ mm

Size	Pcs. in one bag/box	Code	Price €/pcs.
$\varnothing 16 \times 2 / \varnothing 14 \times 2$	10/80	9027.160	
$\varnothing 16 \times 2 / \varnothing 18 \times 2,5$	10/80	9027.180	

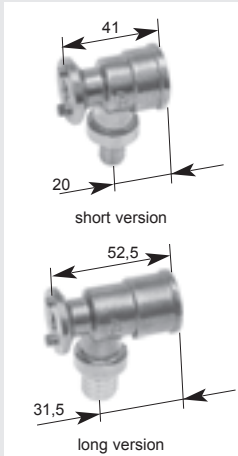




KAN-therm Push PPSU wallplate elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
14x2 G½"	10/80	9018.660	
18x2,5 G½"	10/80	9018.680	

For pressure test use **KAN-therm** plastic plug code 6095.33.
 To seal the thread in PPSU wallplate elbow use tow with sealing compound (avoid using excessive amount of tow).
 Sealing compounds like adhesives which are chemical aggressive should not be used e.g. Loctite 577.



KAN-therm Push wallplate elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
∅14x2 G½" (K)	10/100	9029.08	
∅18x2,5 G½" (K)	10/100	9029.07	
∅18x2,5 G½" long (D)	10/80	9029.10	

(K) short version
 (D) long version

To fix the wallplate elbow to the wall use the mountig plates (p. 40).

Battery connections can be used in central heating systems in connections of a radiator with wall outputs (by cables in a wall chase) by angle valve.

Don't connect them with conical external threads (e.g. R½").
 For pressure test use **KAN-therm** plastic plug code 6095.33.



KAN-therm Push wallplate angle tee

Size	Pcs. in one bag/box	Code	Price €/pcs.
*∅18x2,5/∅18x2,5 G½"	10/60	9006.53	
∅18x2,5/∅18x2,5 G½" (MN)	10/60	9006.53B	

(MN) - brass fitting, nickel plated

(MN) - brass fitting, nickel plated

To fix the wallplate elbow to the wall use the mountig plates (p. 40).
 Don't connect them with conical external threads (e.g. R½").

For pressure test use **KAN-therm** plastic plug code 6095.33.



KAN-therm plastic plug for pressure test - short

Size	Pcs. in one bag/box	Code	Price €/pcs.
G½"	50/300	6095.33	

It may be repeatedly use (has O-Ring seal) and should be used for all **KAN-therm** wallplate elbows and wallplate tees.



KAN-therm Push sliding sleeve

Size	Pcs. in one bag/box	Code	Price €/pcs.
∅14x2A	50/700	9006.01	
∅18x2,5A	50/500	9001.80	
∅25x3,5A	20/200	9006.78	
∅32x4,4A	10/100	9019.07	

Size with A letter means use of sleeve for pipes PE-Xc or PE-RT with EVOH layer only.

When assembling **Push** connections use assembly tools for PE-RT and PE-Xc pipes with appropriate inserts (purchase or rental of tools available in **KAN** branches).

NOTES



PPSU fitting



brass fitting

KAN-therm Push male tee

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø14x2/Ø14x2/Ø14x2 (P)	10/100	9018.250	
*Ø14x2/Ø14x2/Ø14x2 (M)	20/200	9006.16	
Ø14x2/Ø14x2/Ø14x2 (MN)	20/200	9006.16B	
Ø14x2/Ø18x2/Ø14x2 (P)	10/100	9018.700	
*Ø14x2/Ø18x2/Ø14x2 (M)	10/150	9013.390	
Ø14x2/Ø18x2/Ø14x2 (MN)	10/150	9013.39B	
Ø18x2/Ø14x2/Ø14x2 (P)	10/80	9018.220	
Ø18x2/Ø14x2/Ø14x2 (M)	10/150	9013.10	
*Ø18x2/Ø14x2/Ø14x2 (MN)	10/150	9013.10B	
Ø18x2/Ø14x2/Ø18x2 (P)	10/80	9018.210	
Ø18x2/Ø14x2/Ø18x2 (M)	10/150	9013.11	
*Ø18x2/Ø14x2/Ø18x2 (MN)	10/150	9013.11B	
Ø18x2/Ø18x2/Ø18x2 (P)	10/80	9018.010	
Ø18x2/Ø18x2/Ø18x2 (M)	10/150	9001.79	
*Ø18x2/Ø18x2/Ø18x2 (MN)	10/150	9001.79B	
Ø18x2/Ø25x3,5/Ø18x2 (P)	5/40	9018.230	
Ø18x2/Ø25x3,5/Ø18x2 (M)	5/60	9013.120	
*Ø18x2/Ø25x3,5/Ø18x2 (MN)	5/60	9013.12B	
Ø25x3,5/Ø14x2/Ø18x2 (P)	5/40	9018.750	
Ø25x3,5/Ø14x2/Ø18x2 (M)	5/60	9013.430	
Ø25x3,5/Ø14x2/Ø18x2 (MN)	5/60	9013.43B	
*Ø25x3,5/Ø14x2/Ø25x3,5 (P)	5/40	9018.740	
Ø25x3,5/Ø14x2/Ø25x3,5 (M)	5/60	9013.420	
Ø25x3,5/Ø14x2/Ø25x3,5 (MN)	5/60	9013.42B	
*Ø25x3,5/Ø18x2/Ø18x2 (P)	5/40	9018.050	
Ø25x3,5/Ø18x2/Ø18x2 (M)	5/60	9006.22	
Ø25x3,5/Ø18x2/Ø18x2 (MN)	5/60	9006.22B	
*Ø25x3,5/Ø18x2/Ø25x3,5 (P)	5/40	9018.060	
Ø25x3,5/Ø18x2/Ø25x3,5 (M)	5/60	9006.21	
Ø25x3,5/Ø18x2/Ø25x3,5 (MN)	5/60	9006.21B	
*Ø25x3,5/Ø25x3,5/Ø25x3,5 (P)	5/40	9018.030	
Ø25x3,5/Ø25x3,5/Ø25x3,5 (M)	5/60	9006.20	
Ø25x3,5/Ø25x3,5/Ø25x3,5 (MN)	5/60	9006.20B	
*Ø32x4,4/Ø18x2/Ø25x3,5 (P)	2/20	9018.540	
Ø32x4,4/Ø18x2/Ø32x4,4 (P)	2/20	9018.550	
Ø32x4,4/Ø25x3,5/Ø25x3,5 (P)	2/20	9018.500	
Ø32x4,4/Ø25x3,5/Ø32x4,4 (P)	2/20	9018.520	
Ø32x4,4/Ø32x4,4/Ø32x4,4 (P)	2/20	9018.69	

(P) - PPSU fitting, (M) - brass fitting, (MN) - brass fitting, nickel plated

KAN-therm Push male branch tee



Size	Pcs. in one bag/box	Code	Price €/pcs.
*Ø18x2/15Cu - G½"	10/120	9006.64	
Ø18x2/15Cu - G½" (NM)	10/120	9006.64B	

(MN) - brass fitting, nickel plated

To connect these male tees to copper pipes use:
 ■ compression ring for copper pipes Ø15, code 4400.33 (p. 30),
 ■ nut for copper pipes Ø15, G½", code 9003.17 (p. 30).



PPSU fitting



brass fitting

KAN-therm Push elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø14x2/Ø14x2 (P)	20/300	9018.170	
*Ø14x2/Ø14x2 (M)	20/400	9006.11	
Ø14x2/Ø14x2 (MN)	20/400	9006.11B	
Ø18x2/Ø18x2 (P)	20/200	9018.180	
*Ø18x2/Ø18x2 (M)	20/200	9001.78	
Ø18x2/Ø18x2 (MN)	20/200	9001.78B	
Ø25x3,5/Ø25x3,5 (P)	5/60	9018.200	
*Ø25x3,5/Ø25x3,5 (M)	10/80	9006.15	
Ø25x3,5/Ø25x3,5 (MN)	10/80	9006.15B	
Ø32x4,4/Ø32x4,4 (P)	2/40	9018.560	

(P) - PPSU fitting, (M) - brass fitting, (MN) - brass fitting, nickel plated

KAN-therm Push male elbow (for connection to copper pipes Ø15)



Size	Pcs. in one bag/box	Code	Price €/pcs.
*Ø14x2/15Cu - G½"	20/200	9013.220	
**Ø14x2/15Cu - G½" (NM)	20/200	9013.22B	
Ø14x2/15Cu - G½"	20/200	9029.12	
*Ø18x2/15Cu - G½"	20/200	9006.65	
Ø18x2/15Cu - G½" (NM)	20/200	9006.65B	

(MN) - brass fitting, nickel plated

To connect these male tees to copper pipes use:
 ■ compression ring for copper pipes Ø15, code 4400.33 (p. 30),
 ■ nut for copper pipes Ø15, G½", code 9003.17 (p. 30).



KAN-therm pipe PE-Xc acc. to DIN 16892/93 with EVOH layer acc. to DIN 4726 - for Push and screw fittings

Size	Pipe length in coil/on palette	Code	Price €/m
Ø14×2	200/4000	0.2145	
Ø18×2	200/3000	0.2148	
Ø18×2,5	200/3000	0.9119	
Ø25×3,5	50/1000	0.9127	
Ø32×4,4	25/500	0.9133	



KAN-therm pipe PE-Xc acc. to DIN 16892/93 with EVOH layer acc. to DIN 4726 - for screw fittings only

Size	Pipe length in coil/on palette	Code	Price €/m
Ø12×2	200/4000	0.2144	
Ø16×2	200/3000	0.2146	



KAN-therm pipe, PE-Xc acc. to DIN 16892/93 without EVOH layer - for Push fittings and screw fittings

Size	Pipe length in coil/on palette	Code	Price €/m
Ø18×2,5	200/3000	0.9118	
Ø25×3,5	50/1000	0.9125	
Ø32×4,4	25/500	0.9132	



KAN-therm pipe, PE-RT with EVOH layer acc. to DIN 4726 - for Push fittings and screw fittings

Size	Pipe length in coil/on palette	Code	Price €/m
Ø14×2	200/4000	0.2175	
Ø18×2	200/3000	0.2178	
Ø25×3,5	50/1000	0.9226	



KAN-therm pipe, PE-RT with EVOH layer acc. to DIN 4726 - for screw fittings only

Size	Pipe length in coil/on palette	Code	Price €/m
Ø12×2	200/4000	0.2174	
Ø16×2	200/3000	0.2176	



KAN-therm pipe, PE-RT without EVOH layer - for Push fittings and screw fittings

Size	Pipe length in coil/on palette	Code	Price €/m
Ø18×2,5	200/3000	0.9218	
Ø25×3,5	50/1000	0.9225	
Ø32×4,4	25/500	0.9232	



KAN-therm compression straight male connector

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø12×2 G½"	10/150	9014.23	
**Ø12×2 G½" (MN)	10/150	9014.23C	
Ø14×2 G½"	10/150	9006.42	
**Ø14×2 G½" (MN)	10/150	9006.42C	
Ø16×2 G½"	10/150	9006.43	
**Ø16×2 G½" (MN)	10/150	9006.43C	
Ø18×2 G½"	10/150	9001.94	
**Ø18×2 G½" (MN)	10/150	9001.94C	
Ø18×2,5 G½"	10/150	9006.44	
**Ø18×2,5 G½" (MN)	10/150	9006.00	
Ø25×3,5 G½"	10/80	9014.310	
**Ø25×3,5 G½" (MN)	10/80	9014.310C	
Ø25×3,5 G¾"	10/80	9001.90	
**Ø25×3,5 G¾" (MN)	10/80	9001.00	
Ø32×4,4 G1"	5/40	9019.000	
**Ø32×4,4 G1" (MN)	5/40	9019.000C	

(MN) - brass fitting, nickel plated
Connection with general purpose fittings possible.

**KAN-therm compression straight female connector**

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø12×2 G½"	10/150	9014.320	
**Ø12×2 G½" (MN)	10/150	9014.320C	
Ø14×2 G½"	10/150	9014.330	
**Ø14×2 G½" (MN)	10/150	9014.330C	
Ø16×2 G½"	10/150	9014.340	
**Ø16×2 G½" (MN)	10/150	9014.340C	
Ø18×2 G½"	10/150	9014.350	
**Ø18×2 G½" (MN)	10/150	9014.350C	
Ø18×2,5 G½"	10/150	9014.360	
**Ø18×2,5 G½" (MN)	10/150	9014.360C	
Ø25×3,5 G¾"	10/80	9014.370	
**Ø25×3,5 G¾" (MN)	10/80	9014.370C	
Ø32×4,4 G1"	5/40	9019.010	
**Ø32×4,4 G1" (MN)	5/40	9019.010C	

(MN) - brass fitting, nickel plated
Connection with general purpose fittings possible.
Don't join them with conical external threads (e.g. R½").

**KAN-therm compression coupling**

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø12×2	10/120	9014.16	
**Ø12×2 (MN)	10/120	9014.16C	
Ø14×2	10/120	9014.13	
**Ø14×2 (MN)	10/120	9014.13C	
Ø16×2	10/150	9014.14	
**Ø16×2 (MN)	10/150	9014.14C	
Ø18×2	10/120	981	
**Ø18×2 (MN)	10/120	981C	
Ø18×2,5	10/120	9014.17	
**Ø18×2,5 (MN)	10/120	9014.17C	
Ø25×3,5	5/60	9014.19	
**Ø25×3,5 (MN)	5/60	9014.19C	
Ø32×4,4	2/30	9019.02	
**Ø32×4,4 (MN)	2/30	9019.02C	

(MN) - brass fitting, nickel plated
This coupler is used for repair purposes (re-boring faults) as well as for joining of long pipe sections.

**KAN-therm eurocone adapter (nickel plated nut)**

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø12×2 G½"	15/300	9012.91	
Ø12×2 G¾"	15/150	9012.92	
Ø14×2 G½"	15/300	9003.47	
Ø14×2 G¾"	15/150	9006.56	
Ø16×2 G¾"	15/150	9006.57	
Ø18×2 G¾"	15/150	9006.59	
Ø18×2,5 G¾"	15/150	9006.48	
Ø25×3,5 G1"	10/80	9003.67	

It can make possible connections with manifolds with male nipples and fittings

**KAN-therm special spanner for eurocone adapters**

Size	Code	Price €/pcs.
30 mm	K-501900	

**KAN-therm compression ring - service part for screw fittings**

Size	Pcs. in one bag/box	Code	Price €/pcs.
Ø12	100/1000	9012.913	
Ø14	100/1000	9006.95	
Ø16	100/1000	9006.97	
Ø18	100/1000	9001.96	
Ø25	50/500	9001.92	

For fittings acc. to (p. 27).





KAN-therm nipple

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	20/300	6032.22	
**G $\frac{1}{2}$ " (MN)	20/300	6032.22C	
G $\frac{3}{4}$ "	10/150	6033.22	
**G $\frac{3}{4}$ " (MN)	10/150	6033.22C	
G1"	10/100	6034.22	
**G1" (MN)	10/100	6034.22C	

(MN) - brass fitting, nickel plated

Nipples are special designed for connection to unions of pipes PE-Xc and PE-RT (see p. 27) multilayer pipes and nuts for copper pipes (see p. 30).



KAN-therm nipple reducer

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "xG $\frac{3}{8}$ "	20/300	702	
**G $\frac{1}{2}$ "xG $\frac{3}{8}$ " (MN)	20/300	702C	
G $\frac{3}{4}$ "xG $\frac{1}{2}$ "	10/150	6033.42	
**G $\frac{3}{4}$ "xG $\frac{1}{2}$ " (MN)	10/150	6033.42C	
G1"xG $\frac{3}{4}$ "	10/100	6034.42	
**G1"xG $\frac{3}{4}$ " (MN)	10/100	6034.42C	

(MN) - brass fitting, nickel plated

Nipples are special designed for connection to unions of pipes PE-Xc and PE-RT (see p. 27) multilayer pipes and nuts for copper pipes (see p. 30).



KAN-therm male elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	20/200	9012.20	
**G $\frac{1}{2}$ " (MN)	20/200	9012.21	
G $\frac{3}{4}$ "	10/120	9012.22	
**G $\frac{3}{4}$ " (MN)	10/120	9012.23	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).



KAN-therm male-female elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/150	9012.24	
**G $\frac{1}{2}$ " (MN)	10/150	9012.25	
G $\frac{3}{4}$ "	10/80	9012.26	
**G $\frac{3}{4}$ " (MN)	10/80	9012.27	
G1"	5/50	9012.28	
**G1" (MN)	5/50	9012.29	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27). Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").



KAN-therm male tee

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/120	9012.30	
**G $\frac{1}{2}$ " (MN)	10/120	9012.31	
G $\frac{3}{4}$ "	5/70	9012.32	
**G $\frac{3}{4}$ " (MN)	5/70	9012.33	
G1"	5/40	9012.34	
**G1" (MN)	5/40	9012.35	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).



KAN-therm male-female-male tee

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{3}{4}$ "xG $\frac{1}{2}$ "xG $\frac{3}{4}$ "	5/70	9012.36	
**G $\frac{3}{4}$ "xG $\frac{1}{2}$ "xG $\frac{3}{4}$ " (MN)	5/70	9012.37	
G1"xG $\frac{1}{2}$ "xG1"	5/40	9012.38	
**G1"xG $\frac{1}{2}$ "xG1" (MN)	5/40	9012.39	
G1"xG $\frac{3}{4}$ "xG1"	5/40	9012.40	
**G1"xG $\frac{3}{4}$ "xG1" (MN)	5/40	9012.41	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27). Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").

KAN-therm elbow male-female, directly fixed

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "xG $\frac{3}{4}$ "	5/70	9012.50	
**G $\frac{1}{2}$ "xG $\frac{3}{4}$ " (MN)	5/70	9012.50C	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.

**KAN-therm wallplate elbow male-female**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/100	9012.52	
**G $\frac{1}{2}$ " (MN)	10/100	9012.53	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.

**KAN-therm wallplate straight tee**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	5/70	9012.54	
**G $\frac{1}{2}$ " (MN)	5/70	9012.55	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.

**KAN-therm wallplate angle tee**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	5/70	9012.56	
**G $\frac{1}{2}$ " (MN)	5/70	9012.57	

(MN) - brass fitting, nickel plated

It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.

**KAN-therm plastic plug for pressure test - short**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	50/300	6095.33	

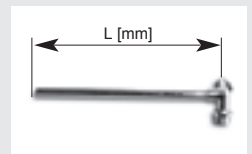
It may be repeatedly use (has O-Ring seal) and should be used for all **KAN-therm** wallplate elbows and wallplate tees.

**KAN-therm wall angle male tee for radiator connection with dia 15 copper pipe, nickel plated**

Size	Pcs. in one bag/box	Code	Price €/pcs.
2xG $\frac{3}{4}$ " (MN) L = ~220	50	9016.215	

(MN) - brass fitting, nickel plated

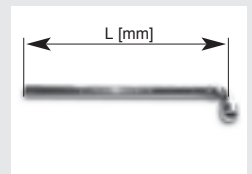
On request (delivery date about 3 weeks). It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).

**KAN-therm wall male elbow for radiator connection with dia 15 copper pipe, nickel plated**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{3}{4}$ " (MN) L = ~220	20	9016.22	
G $\frac{1}{2}$ " (MN) L = ~100	70	4400.30	

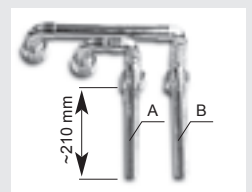
(MN) - brass fitting, nickel plated

On request (delivery date about 3 weeks). It can be used with eurocone adapter, adapter for multilayer pipe (fixed ring) (see p. 27).

**KAN-therm wall double male tee for radiator connection with dia 15 copper pipe, nickel plated**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{3}{4}$ " - version A (upper)	25	9016.32	
G $\frac{3}{4}$ " - version B (lower)	10	9016.33	

On request (delivery date about 3 weeks). It should be used as a set for radiator wall connection.



* stock-out goods

** on request (delivery date about 2 weeks)



KAN-therm eurocone adapter for copper pipe

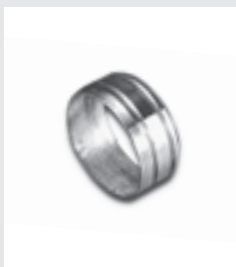
Size
Ø15 G¾"

Pcs. in one bag/box
15/150

Code
9023.08

Price €/pcs.

It can be used for male screw fittings and compact valves.



KAN-therm compression ring for copper pipe

Size
Ø15

Pcs. in one bag/box
100/2000

Code
4400.33

Price €/pcs.

Use with nut mentioned below.



KAN-therm compression nut for copper pipe

Size
Ø15 G½"

Pcs. in one bag/box
50/500

Code
9003.17

Price €/pcs.

Compression nut and ring for copper pipe can be used with the male tee and male elbow.



KAN-therm compression set for copper pipe

Size
G½"

Pcs. in one bag/box
20/300

Code
629201N

Price €/pcs.

Use for connection the copper pipe to the compatible female body of thermostatic valves (Honeywell), in other cause use with straight female nipple body to connect to female.

Compression set can be used with **KAN-therm** male-female tee and male-female elbow for connection the copper pipe.



KAN-therm straight female nipple body

Size
G½"×G½" (MN)

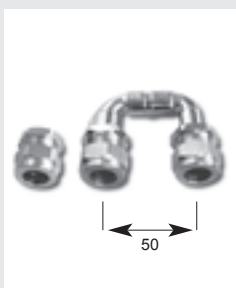
Pcs. in one bag/box
20/200

Code
9001.35

Price €/pcs.

(MN) - brass fitting, nickel plated

Use with compression set for connection the copper pipe to the female body of thermostatic valves or female VK radiator connection. Don't join them with conical external thread (e.g. R½")



KAN-therm single and double cap for copper pipe

Size
Ø15
Ø15 (double)

Pcs. in one bag/box
10/150
2/50

Code
9016.34
9016.35

Price €/pcs.

On request (delivery date 3 weeks):

1. Caps for pessure tests (for tee or elbow for radiator connection with dia 15 copper pipe) - may be repeatedly use.
2. Double cap can be used if distance between connections is 50 mm, e.g. for VK radiators.
3. It may be repeatedly use.

KAN-therm straight male/female union connector

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{3}{8}$ "	100	4911.00	
G $\frac{1}{2}$ "	100	4912.00	
G $\frac{3}{4}$ "	60	4913.00	
G1"	30	4914.00	

Male fitting with conical external thread. Not to connect with female system fittings.

**KAN-therm elbow male/female union connector**

Size	Pcs. in one box	Code	Price €/pcs.
G $\frac{1}{2}$ "	70	4917.00	
G $\frac{3}{4}$ "	40	4918.00	
G1"	25	4919.00	

Male fitting with conical external thread. Not to connect with female system fittings.

**KAN-therm female elbow**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/100	9001.88	
**G $\frac{1}{2}$ " (MN)	10/100	9001.88C	
G $\frac{3}{4}$ "	5/50	9001.87	
**G $\frac{3}{4}$ " (MN)	5/50	9001.87C	
G1"	0/50	4930.00	
G1 $\frac{1}{4}$ "	0/25	4931.00	

(MN) - brass fitting, nickel plated

Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").

**KAN-therm female tee**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	5/70	9001.85	
**G $\frac{1}{2}$ " (MN)	5/70	9001.85C	
G $\frac{3}{4}$ "	5/50	9001.84	
**G $\frac{3}{4}$ " (MN)	5/50	9001.84C	
G1"	0/30	4932.00	
G1 $\frac{1}{4}$ "	0/15	4933.00	

(MN) - brass fitting, nickel plated

Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").

**KAN-therm female coupling**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	20/200	90N	
**G $\frac{1}{2}$ " (MN)	20/200	90NC	
G $\frac{3}{4}$ "	10/120	91N	
**G $\frac{3}{4}$ " (MN)	10/120	91C	
G1"	10/100	4950.00	
**G1" (MN)	10/100	4950.00C	
G1 $\frac{1}{4}$ "	5/50	4951.00	

(MN) - brass fitting, nickel plated

Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").

**KAN-therm female, reduced coupling**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{3}{4}$ "xG $\frac{1}{2}$ "	10/140	9850	
**G $\frac{3}{4}$ "xG $\frac{1}{2}$ " (MN)	10/140	9850C	

(MN) - brass fitting, nickel plated

Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").





KAN-therm male-female extension

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ " short	10/150	0200.12	
**G $\frac{1}{2}$ " short (MN)	10/150	0200.12C	
G $\frac{1}{2}$ " long	10/100	0200.12d	
**G $\frac{1}{2}$ " long (MN)	10/100	0200.12dC	
G $\frac{3}{4}$ " short	10/100	6038.32	
**G $\frac{3}{4}$ " short (MN)	10/100	6038.32C	

(MN) - brass fitting, nickel plated

Short extension: 30 mm, long extension: 45 mm.
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").



KAN-therm reducer

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "xG $\frac{3}{8}$ "	20/400	6036.52	
**G $\frac{1}{2}$ "xG $\frac{3}{8}$ " (MN)	20/400	6036.52C	
G $\frac{1}{2}$ "xG $\frac{1}{4}$ "	20/400	22	
**G $\frac{1}{2}$ "xG $\frac{1}{4}$ " (MN)	20/400	22C	
G $\frac{3}{4}$ "xG $\frac{1}{2}$ "	20/200	6037.52	
**G $\frac{3}{4}$ "xG $\frac{1}{2}$ " (MN)	20/200	6037.52C	
G1"xG $\frac{3}{4}$ "	10/120	6038.52	
**G1"xG $\frac{3}{4}$ " (MN)	10/120	6038.52C	
G1"xG $\frac{1}{2}$ "	10/200	4940.00	
G1 $\frac{1}{4}$ "xG $\frac{3}{4}$ "	10/100	4941.00	
G1 $\frac{1}{4}$ "xG1"	10/100	4942.00	

(MN) - brass fitting, nickel plated

Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").



KAN-therm female cap

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	600	6095.22	
**G $\frac{1}{2}$ " (MN)	600	6095.25	
G $\frac{3}{4}$ "	300	6095.23	
**G $\frac{3}{4}$ " (MN)	300	6095.26	
G1"	150	6095.24	
**G1" (MN)	150	6095.27	

(MN) - brass fitting, nickel plated



KAN-therm female wallplate elbow

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/100	9001.98	
**G $\frac{1}{2}$ " (MN)	10/100	9001.98C	

(MN) - brass fitting, nickel plated

To fix the wallplate elbow to the wall use the mounting plates, see p. 40.
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.



KAN-therm elbow male-female, directly fixed

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	5/60	9001.62	
**G $\frac{1}{2}$ " (MN)	5/60	9001.62C	

(MN) - brass fitting, nickel plated

For wall mounting using expansion anchors.
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.



KAN-therm female wallplate angle tee

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	10/100	9006.50	
**G $\frac{1}{2}$ " (MN)	10/100	9001.57	

(MN) - brass fitting, nickel plated

To fix the wallplate elbow to the wall use the mounting plates, see p. 40.
Don't join them with conical external thread (e.g. R $\frac{1}{2}$ ").
For pressure test use **KAN-therm** plastic plug code 6095.33.



KAN-therm plastic plug for pressure test - short

Size	Pcs. in one bag/box	Code	Price €/pcs.
G $\frac{1}{2}$ "	50/300	6095.33	

It may be repeatedly use (has O-Ring seal) and should be used for all **KAN-therm** wallplate elbows and wallplate tees.

KAN-therm 1" manifold type 81 without accessories

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
2	314×100×80	81020	
3	314×150×80	81030	
4	314×200×80	81040	
5	314×250×80	81050	
6	314×300×80	81060	
7	314×350×80	81070	
8	314×400×80	81080	
9	314×450×80	81090	
10	314×500×80	81100	
11	314×550×80	81110	
12	314×600×80	81120	

Manifold outputs with internal thread G½".

**KAN-therm ¾" manifold type 41 without accessories**

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
2	314×100×80	41020	
3	314×150×80	41030	
4	314×200×80	41040	
5	314×250×80	41050	
6	314×300×80	41060	
7	314×350×80	41070	
8	314×400×80	41080	

Manifold outputs with internal thread G½".

**KAN-therm 1" manifold type 61 with eurocone nipples**

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
2	314×100×80	61020	
3	314×150×80	61030	
4	314×200×80	61040	
5	314×250×80	61050	
6	314×300×80	61060	
7	314×350×80	61070	
8	314×400×80	61080	
9	314×450×80	61090	
10	314×500×80	61100	
11	314×550×80	61110	
12	314×600×80	61120	

Manifold used with eurocone adapters G¾" (see p. 27).

**KAN-therm ¾" manifold type 40 with eurocone nipples**

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
2	314×100×80	4002	
3	314×150×80	4003	
4	314×200×80	4004	
5	314×250×80	4005	
6	314×300×80	4006	
7	314×350×80	4007	
8	314×400×80	4008	

Manifold used with eurocone adapters G½" (see p. 27).

**KAN-therm 1" manifold type 74 with open-close valve**

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
2	314×100×80	74020	
3	314×150×80	74030	
4	314×200×80	74040	
5	314×250×80	74050	
6	314×300×80	74060	
7	314×350×80	74070	
8	314×400×80	74080	
9	314×450×80	74090	
10	314×500×80	74100	
11	314×550×80	74110	
12	314×600×80	74120	

Open-close valves built in the lower and upper body of manifold, it's possible to close every circuit.
Manifold used with eurocone adapters G¾" (see p. 27).

**KAN-therm 1¼" manifold type 91 with eurocone nipples**

Number of heating circuits	Dimensions (H×W×D)	Code	Price €/set
*2	297×117×80	91020	
*3	297×167×80	91030	
*4	297×217×80	91040	
*5	297×267×80	91050	
*6	297×317×80	91060	
*7	297×367×80	91070	
*8	297×417×80	91080	
*9	297×467×80	91090	
*10	297×517×80	91100	
*11	297×567×80	91110	
*12	297×617×80	91120	

Manifold type 91 union connector 1¼"×1" code 91000 or 1¼"×¾" code 91001 should be used (see p. 34).
Manifold used with eurocone adapters G¾" (see p. 27).





KAN-therm manifold type 91 union connector

Size	Pcs. in one bag/box	Code	Price €/pcs.
1 1/4"×1"	any	91000	
1 1/4"×3/4"	any	91001	



KAN-therm 1" manifold body for floor heating systems (type 1) with air vent hole G 1/2"

Number of heating circuits	Dimensions	Pcs./packing	Code	Price €/pcs.
2	100	1/10	1.02	
3	150	1/10	1.03	
4	200	1/10	1.04	
5	250	1/10	1.05	
6	300	1/10	1.06	
7	350	1/10	1.07	
8	400	1/10	1.08	
9	450	1/10	1.09	
10	500	1/10	1.10	
11	550	1/10	1.11	
12	600	1/10	1.12	

It has outputs for individual circuits with female thread G 1/2", manifold inputs G1", hole in upper part for automatic air vent.



KAN-therm 1" manifold body for utility water systems (type 2) without air vent hole

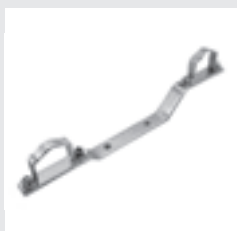
Number of heating circuits	Dimensions	Pcs./packing	Code	Price €/pcs.
2	100	1/10	2.02	
3	150	1/10	2.03	
4	200	1/10	2.04	
5	250	1/10	2.05	
6	300	1/10	2.06	
7	350	1/10	2.07	
8	400	1/10	2.08	
9	450	1/10	2.09	
10	500	1/10	2.10	
11	550	1/10	2.11	
12	600	1/10	2.12	

It has outputs for individual circuits with female thread G 1/2", manifold inputs G1".



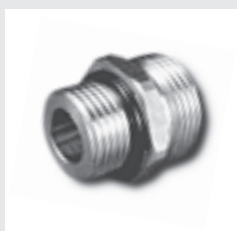
KAN-therm new bracket for manifold

Pcs./packing	Code	Price €/pcs.
50	5309	



***KAN-therm bracket for manifold (type 1 or 2)**

Pcs./packing	Code	Price €/pcs.
50	5313	



KAN-therm nipple for manifold with O-Ring

Size	Pcs. in one bag/box	Code	Price €/pcs.
G 3/4"×G 1/2"	20/200	P05	
G 1/2"×G 1/2"	20/300	P10	

Nipple P05 used with eurocone adapters G 3/4" (see p. 27).
Nipple P10 used with eurocone adapters G 1/2" (see p. 27).

KAN-therm reducer

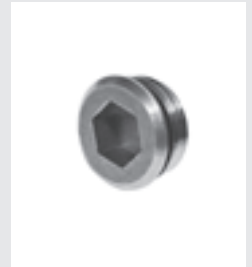
Size	Pcs. in one box	Code	Price €/pcs.
G1"×G½"	10/120	4.12	
G1"×G¾"	10/120	4.13	

It has O-Ring, code U28.

**KAN-therm new male plug with hex socket**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G½"	20/600	6095.34	

It has O-Ring.

**KAN-therm male plug**

Size	Pcs. in one box	Code	Price €/pcs.
*G½"	20/600	6095.35	
G¾"	20/300	6095.32	
*G¾"	20/300	6095.36	
G1"	10/150	6095.43	

Code 6095.32, 6095.43 has O-Ring, code U28; others without O-Ring.

**KAN-therm O-Ring - service part**

Size	Pcs. in one bag/box	Code	Price €/pcs.
18,3×2,4	100	U18	
17×2	any	U17	
24×2	any	U24	
28×3	100	U28	

Use O-Ring, code U18 for manifold nipples, code P05 and P10.
 Use O-Ring, code U17 for plug, code 6095.34.
 Use O-Ring, code U24 for plug, code 6095.32.
 Use O-Ring, code U28 for plug, code 6095.43 and female nipple 4.12 and 4.13.

**KAN-therm coupling for manifolds**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G1"	10/100	R543	

For manifold to extend it by one more circuit.

**KAN-therm male-female terminal with special seal**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G1"×G½"×G½"	5/70	R542	

For manifold to extend it by one more circuit.





KAN-therm valve set, straight

Size
G1"×G1"

Sets in one bag/box
any

Code
K-600400

Price €/set

Set of valves with screw connection for manifolds of **KAN-therm** System fixed on a 1" profile without any additional sealing. For manifold with side supply connection.



KAN-therm valve set, angular

Size
G1"×G1"

Sets in one bag/box
1/20

Code
K-600500

Price €/set

Set of valves with screw connection and elbows for manifolds of **KAN-therm** System fixed on a 1" profile without any additional sealing. For manifolds supplied from floor.



KAN-therm male terminal with automatic air vent and drain

Size
G1"

Pcs./packing
5/50

Code
R5541

Price €/pcs.

Used for 1" manifold.



KAN-therm manual air vent valve

Size
G³/₈"
G¹/₂"

Pcs./packing
50
50

Code
0.5321
5322

Price €/pcs.

Used for radiators.



KAN-therm male air vent and drain valve

Size
G¹/₂"

Pcs./packing
25

Code
1305.11

Price €/pcs.

Used for manifold.



KAN-therm automatic air vent with stop valve

Size
G³/₈"
G¹/₂"

Pcs./packing
100
100

Code
0.52072
0.52071

Price €/pcs.

Stop valve makes possible to remove air vent without draining the system.

KAN-therm wall-mounted cabinet SWNE type, for manifolds without mixing unit

Type	Number of heating circuits	Dimensions (H×W×D)	Pcs./ packing	Code	Price €/pcs.
SWNE-4	4	585×350×110	48	1100Z	
SWNE-6	6	585×450×110	34	1110Z	
SWNE-8	8	585×550×110	24	1120Z	
SWNE-10	10	585×650×110	20	1130Z	
SWNE-13	13	585×800×110	24	1140Z	

Features: - removable painted body,
 - removable back wall for easy installation of manifold and system parts,
 - four mounting holes in a back wall for extension anchors,
 - universal lock,
 - white colour, RAL 9016.

Cheaper non-painted cabinets SWNE on request.

**KAN-therm wall-mounted cabinet SWN type, for manifolds without mixing unit**

Type	Number of heating circuits	Dimensions (H×W×D)	Pcs./ packing	Code	Price €/pcs.
SWN-4	4	630×350×110	39	1100S	
SWN-6	6	630×450×110	34	1110S	
SWN-8	8	630×550×110	26	1120S	
SWN-10	10	630×650×110	21	1130S	
SWN-13	13	630×800×110	16	1140S	

Features: - removable screwed front body crosspiece for easy installation,
 - four mounting holes in a back wall for extension anchors,
 - universal lock,
 - white colour, RAL 9016.

Cheaper non-painted cabinets SWN on request.

**KAN-therm wall-mounted cabinet SWNU type, for manifolds without/with mixing unit**

Type	Number of heating circuits	Dimensions (H×W×D)	Code	Price €/pcs.
*SWNU-8/3	8/3	630×580×140	1200S	
*SWNU-10/7	10/7	630×780×140	1210S	
*SWNU-13/10	13/10	630×930×140	1220S	

*SWNU 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).
 *SWNU 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).
 *SWNU 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).

Features: - removable screwed front body crosspiece for easy installation,
 - four mounting holes in a back wall for extension anchors,
 - universal lock,
 - white colour, RAL 9016.

Cheaper non-painted cabinets SWNU on request.

**KAN-therm in wall -mounting cabinet SWPG type, to cover by ceramic tile, for manifolds without/with mixing unit**

Type	Number of heating circuits	Dimensions (H×W×D)	Code	Price €/pcs.
SWPG-4	4	450×350×110-165	1300G	
SWPG-6	6	450×450×110-165	1310G	
*SWPG-8/3	8/3	450×580×110-165	1320G	
*SWPG-10/7	10/7	450×780×110-165	1330G	
*SWPG-13/10	13/10	450×930×110-165	1340G	

*SWPG 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).
 *SWPG 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).
 *SWPG 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).
 **External cabinet body dimensions (min. installation recess dimensions).

Features: - wall cavity depth adjusted from 110 to 165 mm,
 - cabinet door fixed with magnets,
 - can be covered with glaze or other material.





KAN-therm in wall -mounting cabinet SWPSE type with 45° frame for manifolds without/with mixing unit

Type	Number of heating circuits	Dimensions **(H×W×D)	Pcs./ packing	Code	Price €/pcs.
SWPSE-4	4	560-660×350×110-165	48	1300Z	
SWPSE-6	6	560-660×450×110-165	38	1310Z	
*SWPSE-8/3	8/3	560-660×580×110-165	28	1320Z	
*SWPSE-10/7	10/7	560-660×780×110-165	17	1330Z	
*SWPSE-13/10	13/10	560-660×930×110-165	15	1340Z	

*SWPSE 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).
 *SWPSE 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).
 *SWPSE 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).
 **External cabinet body dimensions (min. installation recess dimensions).

- Features:
- cabinet height adjustment from 560 to 660 mm,
 - front panel height adjustment using masking part from 525 to 560 mm,
 - wall cavity depth adjusted from 110 to 165 mm,
 - universal lock,
 - white colour, RAL 9016,
 - shutter type cabinet sides,
 - 45° front panel edge angle provides good flush.

Cheaper non-painted cabinets SWPSE on request.



KAN-therm in wall -mounting cabinet SWPS type with 45° frame for manifolds without/with mixing unit

Type	Number of heating circuits	Dimensions **(H×W×D)	Pcs./ packing	Code	Price €/pcs.
SWPS-4	4	680-780×350×110-165	34	1300S	
SWPS-6	6	680-780×450×110-165	27	1310S	
*SWPS-8/3	8/3	680-780×580×110-165	20	1320S	
*SWPS-10/7	10/7	680-780×780×110-165	17	1330S	
*SWPS-13/10	13/10	680-780×930×110-165	14	1340S	

*SWPS 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).
 *SWPS 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).
 *SWPS 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).
 **External cabinet body dimensions (min. installation recess dimensions).

- Features:
- cabinet height adjustment from 680 to 780 mm,
 - frame height adjustment using masking part from 570 to 625 mm,
 - wall cavity depth adjusted from 110 to 165 mm,
 - universal lock,
 - white colour, RAL 9016,
 - shutter type cabinet sides,
 - 45° front panel edge angle provides good flush.

90° front panel edge angle for above types (delivery within 2 weeks) as well as cheaper non-painted cabinets SWPS on request.

KAN-therm cabinet front panel RAMSE type with 45° frame for manifolds without/with mixing unit

Type	Number of heating circuits	Dimensions **(H×W)	Code	Price €/pcs.
RAMSE-4	4	525-560×350	1600Z	
RAMSE-6	6	525-560×450	1610Z	
*RAMSE-8/3	8/3	525-560×580	1620Z	
*RAMSE-10/7	10/7	525-560×780	1630Z	
*RAMSE-13/10	13/10	525-560×930	1640Z	

*RAMSE 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).

*RAMSE 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).

*RAMSE 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).

**Recess assembly dimensions.

Features: - front can be used directly for recess masking purpose without mounting of SWPS and SWPSE cabinets,

- mounting lugs, 150 mm long, for direct front panel installation,
- fastening extension anchors,
- panel height adjustment using masking part from 570 to 625 mm,
- universal lock,
- white colour, RAL 9016,
- 45° front panel edge angle provides good flush.

2 pcs. in one packing.

Cheaper non-painted front RAMS on request.

**KAN-therm cabinet front panel RAMS type with 45° frame for manifolds without/with mixing unit**

Type	Number of heating circuits	Dimensions **(H×W)	Code	Price €/pcs.
RAMS-4	4	570-625×350	1600S	
RAMS-6	6	570-625×450	1610S	
*RAMS-8/3	8/3	570-625×580	1620S	
*RAMS-10/7	10/7	570-625×780	1630S	
*RAMS-13/10	13/10	570-625×930	1640S	

*RAMS 8/3 - (8 heating circuits without mixing system / 3 heating circuits with mixing system).

*RAMS 10/7 - (10 heating circuits without mixing system / 7 heating circuits with mixing system).

*RAMS 13/10 - (13 heating circuits without mixing system / 10 heating circuits with mixing system).

**Recess assembly dimensions.

Features: - front can be used directly for recess masking purpose without mounting of SWPS and SWPSE cabinets,

- mounting lugs, 150 mm long, for direct front panel installation,
- fastening extension anchors,
- panel height adjustment using masking part from 570 to 625 mm,
- universal lock,
- white colour, RAL 9016,
- 45° front panel edge angle provides good flush.

2 pcs. in one packing.

Cheaper non-painted front RAMS on request.

**KAN-therm lock & key**

Pcs. in one bag/box
any

Code
85/834

Price €/pcs.

Features: - many key combinations,

- can be used for all type of **KAN** cabinets and front panels.

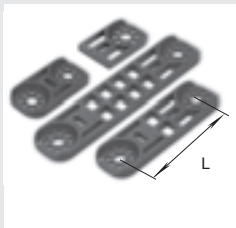
**NOTES**



KAN-therm corrugated (protection) pipe

Size	Q-ty in coil	Code	Price €/m
Ø12-14	100	1904	
Ø16-18	50	1900	
Ø25-26	50	1901	
Ø32	50	1908	

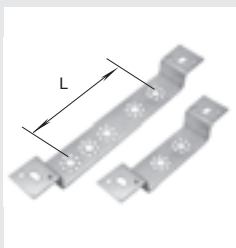
Apply for hot and cold water system and central heating, as a protecting pipe, in the case of embedding the system in concrete.



KAN-therm plastic mounting plate

Version	Pcs./packing	Code	Price €/pcs.
Single	200	6090.050	
Double (L=150mm)	70	6090.060	
Double (L=80mm)	20/120	6090.070	
Double (L=50mm)	15/150	6090.080	

Used for mounted wallplates.



KAN-therm metal mounting plate

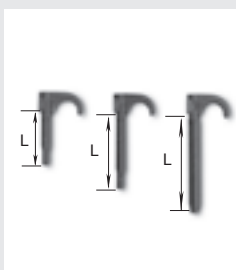
Version	Pcs./packing	Code	Price €/pcs.
Double (L=50, 80, 150mm)	120	6090.09	
Double (L=50mm)	150	6090.10	



KAN-therm mounting bolt

Pcs. in one bag/box	Code	Price €/pcs.
100/2000	6096.02	

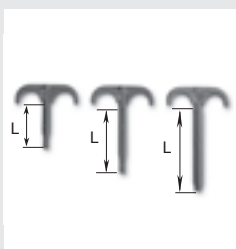
Use for wallplate elbow and tee to fix to the mounting plate.



KAN-therm single plastic pipe hook

Size of PE-Xc or PE-RT pipe	Pcs. in one bag/box	Code	Price €/pcs.
a) Ø14-20 (L=48mm)	100/5000	0.8048	
b) Ø14-20 (L=77mm)	100/4000	8051	
c) Ø14-25 (L=100mm)	100/3000	8053	
d) Ø14-25 (L=80mm)	200/1600	1851N	

Use in case of pipe in corrugated (protection) pipe.



KAN-therm double plastic pipe hook

Size of PE-Xc or PE-RT pipe	Pcs. in one bag/box	Code	Price €/pcs.
a) Ø14-20 (L=48mm)	100/3000	0.8049	
b) Ø14-20 (L=77mm)	100/2400	8052	
c) Ø14-25 (L=100mm)	100/2000	8054	
d) Ø14-25 (L=80mm)	200/800	1951N	

Use in case of pipe in corrugated (protection) pipe.



KAN-therm snap-in pipe clip with extension anchor and spacer

Size of PE-Xc or PE-RT pipe	Pcs. in one bag/box	Code	Price €/pcs.
Ø16-18 single	100	1730	
Ø16-18 double	100	1630U	

Use directly on pipe (without corrugated pipe).

KAN-therm rosette Ø15

Size	Pcs. in one box	Code	Price €/pcs.
Single	100	2215	
Double	50	2220	

Used for masking of floor outgoing pipes.

**KAN-therm double metal floor clip**

Size	Pcs. in one box	Code	Price €/pcs.
Ø25 (pipe in protecting tube)	50/1000	276	
Ø32 (pipe in protecting tube)	40/800	278	

Use only in case of pipe in corrugated (protection) pipe.

**KAN-therm plastic bend support**

Size	Pcs. in one box	Code	Price €/pcs.
Ø12-18 (pipe without protecting tube)	50/500	8058	
Ø12-14 (pipe in protecting tube)	50	8059	
Ø16-18 (pipe in protecting tube)	80	8060	

Support Ø16-18 can be used for pipes Ø26 without protecting tubes.

**KAN-therm metal bend support**

Size	Pcs. in one box	Code	Price €/pcs.
Ø20-25 without foot (pipe in protecting tube)	50	265	
Ø14-18 with foot (pipe in protecting tube)	120	267	

Pipe must be laid in protecting tube!

**KAN-therm slip lock elbow**

Size	Pcs./packing	Code	Price €/pcs.
Ø14-18	100	8008	

Used for pipe connection to a radiator (to set in concrete).

**KAN-therm plastic protecting sleeve for slip lock elbow**

Size	Pcs./packing	Code	Price €/pcs.
Ø14-18	100	0.8050	

Used as a mask or protection for pipes PE-Xc or PE-RT connected to a radiator.

**KAN-therm plastic plug for pressure test - short**

Size	Pcs. in one bag/box	Code	Price €/pcs.
G½"	50/300	6095.33	

It may be repeatedly use (has O-Ring seal) and should be used for all **KAN-therm** wallplate elbows and wallplate tees.

**KAN-therm plastic plug for pressure test - long**

Size	Pcs./packing	Code	Price €/pcs.
G½"	20	2100	
G¾"	20	2110	

It may be repeatedly use (has O-Ring seal) and should be used for all **KAN-therm** wallplate elbows and wallplate tees.

**KAN-therm anti-freezing agent**

Version	Litres/packing	Code	Price €/l
*-20°C	20	0.1008	
*-25°C	20	0.1009	
*-35°C	20	0.1010	

Used for central heating, air conditioning, cooling and solar systems.

* on request (delivery date about 2 weeks)





KAN-therm hydraulic Push tool with foot drive - KPPN set

Code
KPPN-PPSU **Price €/pcs.**

It consists of the following items: PN01, PT8469, PT8468, PT8467, P8469 (2 pcs.), P8468 (2 pcs.), P8467 (2 pcs.), 84550, Z-P14, Z-P18, Z-P185, Z-P25, Z-P32, 002.001.003, 0.2125.



KAN-therm hydraulic Push tool with foot drive (for Push fittings from Ø14 to Ø32)

Code
PN01 **Price €/pcs.**

For connection PE-Xc and PE-RT pipes with Push fittings couplings (see Chapter 1, 2, 3).



KAN-therm mechanical hand Push tool - KPPR set

Code
KPPR-PPSU/N **Price €/pcs.**

It consists of the following items: PR01/N, MZH1418 (set), MZH2532 (set), PT8469, PT8468, PT8467, P8469 (2 pcs.), P8468 (2 pcs.), P8467 (2 pcs.), 84550, Z-P14, Z-P18, Z-P185, Z-P25, Z-P32, 002.001.002, 0.2125.



KAN-therm manual mechanical Push tool

Code
PR01/N **Price €/pcs.**

KAN-therm jaw for manual mechanical Push tool

Size
Ø14-Ø18 (set - 2 pcs.)
Ø25-Ø32 (set - 2 pcs.)

Code
MZH1418
MZH2532 **Price €/set**

For connection PE-Xc and PE-RT pipes with sliding Push fittings (see Chapter 1, 2, 3).



KAN-therm insert for hydraulic and manual mechanical Push tool (for PPSU Push tees and elbows)

Size
Ø14×2
Ø18×2 (Ø18×2,5)
Ø25×3,5

Code
PT8469
PT8468
PT8467 **Price €/pcs.**

Can be used together with hydraulic with foot drive or mechanical or electric-hydraulic Push tool.
For mounting of elbows and tees made of PPSU from fitting side following inserts are to be used:
■ PT8469 for diameter 14 (black insert)
■ PT8468 for diameter 16 (black insert)
■ PT8467 for diameter 25 (black insert)
■ P8467 for diameter 32 (nickel plated insert)

For PPSU body never use inserts for brass elbows and tees P8466, P8464 or inserts for wallplate elbows P8470.



KAN-therm insert for hydraulic and manual mechanical Push tool (for Push coupling or Push sliding sleeve)

Size
Ø14×2
Ø18×2 (Ø18×2,5)
Ø25×3,5 (Ø32×4,4 PPSU)

Code
P8469
P8468
P8467 **Price €/pcs.**

Can be used together with hydraulic with foot drive or mechanical or electric-hydraulic Push tool.



KAN-therm insert for hydraulic and manual mechanical Push tool (for brass Push tees and elbows)

Size
Ø14×2
Ø18×2 (Ø18×2,5)
Ø25×3,5 (Ø32×4,4)

Code
P8465
P8463
P8464 **Price €/pcs.**

Can be used together with hydraulic with foot drive or mechanical or electric-hydraulic Push tool.



KAN-therm insert for hydraulic and manual mechanical Push tool (for Push brass wallplate elbows)

Size
Ø18×2

Code
P8470 **Price €/pcs.**

Can be used together with hydraulic with foot drive or mechanical or electric-hydraulic Push tool.

KAN-therm expanding tool for pipes PE-Xc and PE-RT

Used with Z-P... expanding head.

Code
84550

Price €/pcs.

**KAN-therm** expanding head

Size
Ø14×2
Ø18×2
Ø18×2,5
Ø25×3,5
Ø32×4,4

Used with expanding tool 84550.

Code
Z-P14
Z-P18
Z-P185
Z-P25
Z-P32

Price €/pcs.

**KAN-therm** tool case for hydraulic Push tool with foot drive

Size

For hydraulic Push tool with foot drive PN01, inserts, expanding tool 84550, expanding head, cutter for pipes PE-Xc and PE-RT, code 02125.

Code
002.001.003

Price €/pcs.

**KAN-therm** tool case for manual mechanical Push tool

Size

For manual mechanical Push tool PR01/N, inserts, expanding tool 84550, expanding head, cutter for pipes PE-Xc and PE-RT, code 02125.

Code
002.001.002

Price €/pcs.

**KAN-therm** cutter for pipes PE-Xc and PE-RT

Size
Ø12-32

Code
0.2125

Price €/pcs.

**KAN-therm** replacement blade for pipe cutter

Size
Ø12-32

Code
0.2125-O

Price €/pcs.

**KAN-therm** minicutter for copper pipes 4-16 mm

Size
Ø15Cu

Code
210416

Price €/pcs.



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0.1008	41	1100Z	37	276	41	6095.24	32	9001.62	32
0.1009	41	1110S	37	278	41	6095.25	32	9001.62C	32
0.1010	41	1110Z	37	4.12	35	6095.26	32	9001.75	20
0.2125	43	1120S	37	4.13	35	6095.27	32	9001.76	20
0.2125-O	43	1120Z	37	4002	33	6095.32	35	9001.770	19
0.2144	26	1130S	37	4003	33	6095.33	41	9001.78	18
0.2145	26	1130Z	37	4004	33	6095.33	32	9001.78B	18
0.2145	21	1140S	37	4005	33	6095.33	29	9001.79	18
0.2145	17	1140Z	37	4006	33	6095.33	25	9001.79B	18
0.2145	12	1200S	37	4007	33	6095.33	20	9001.80	20
0.2146	26	1210S	37	4008	33	6095.33	16	9001.80	16
0.2148	26	1220S	37	41020	33	6095.34	35	9001.830	19
0.2148	17	1300G	37	41030	33	6095.35	35	9001.84	31
0.2174	26	1300S	38	41040	33	6095.36	35	9001.84C	31
0.2175	26	1300Z	38	41050	33	6095.43	35	9001.85	31
0.2175	21	1305.11	36	41060	33	6096.02	40	9001.85C	31
0.2175	17	1310G	37	41070	33	61020	33	9001.86	17
0.2176	26	1310S	38	41080	33	61030	33	9001.86C	17
0.2178	26	1310Z	38	4400.30	29	61040	33	9001.87	31
0.2178	17	1320G	37	4400.33	30	61050	33	9001.87C	31
0.52071	36	1320S	38	4911.00	31	61060	33	9001.88	31
0.52072	36	1320Z	38	4912.00	31	61070	33	9001.88C	31
0.5321	36	1330G	37	4913.00	31	61080	33	9001.90	27
0.8048	40	1330S	38	4914.00	31	61090	33	9001.92	27
0.8049	40	1330Z	38	4917.00	31	61100	33	9001.94	27
0.8050	41	1340G	37	4918.00	31	61110	33	9001.94C	27
0.9118	26	1340S	38	4919.00	31	61120	33	9001.96	27
0.9118	21	1340Z	38	4930.00	31	629201N	30	9001.98	32
0.9119	26	1600S	39	4931.00	31	702	28	9001.98C	32
0.9119	12	1600Z	39	4932.00	31	702C	28	9003.130	19
0.9125	26	1610S	39	4933.00	31	74020	33	9003.140	19
0.9125	21	1610Z	39	4940.00	32	74030	33	9003.17	30
0.9127	26	1620S	39	4941.00	32	74040	33	9003.47	27
0.9127	17	1620Z	39	4942.00	32	74050	33	9003.67	27
0.9127	12	1630S	39	4950.00	31	74060	33	9003.700	23
0.9132	26	1630U	40	4950.00C	31	74070	33	9003.700	19
0.9132	21	1630Z	39	4951.00	31	74080	33	9003.700	14
0.9133	26	1640S	39	5309	34	74090	33	9003.710	23
0.9133	17	1640Z	39	5313	34	74100	33	9003.710	19
0.9133	12	1730	40	5322	36	74110	33	9003.710	14
0.9218	26	1851N	40	6032.22	28	74120	33	9003.720	19
0.9218	21	1900	40	6032.22C	28	8008	41	9003.730	19
0.9225	26	1901	40	6033.22	28	8051	40	9006.00	27
0.9225	21	1904	40	6033.22C	28	8052	40	9006.01	25
0.9226	26	1908	40	6033.42	28	8053	40	9006.01	20
0.9226	17	1951N	40	6033.42C	28	8054	40	9006.01	16
0.9232	26	2.02	34	6034.22	28	8058	41	9006.05	25
0.9232	21	2.03	34	6034.22C	28	8059	41	9006.06	21
002.001.002	43	2.04	34	6034.42	28	8060	41	9006.06	17
002.001.003	43	2.05	34	6034.42C	28	81020	33	9006.06	12
0200.12	32	2.06	34	6036.52	32	81030	33	9006.060R	17
0200.12C	32	2.07	34	6036.52C	32	81040	33	9006.06C	21
0200.12d	32	2.08	34	6037.52	32	81050	33	9006.06C	17
0200.12dC	32	2.09	34	6037.52C	32	81060	33	9006.06C	12
1.02	34	2.10	34	6038.32	32	81070	33	9006.06RC	17
1.03	34	2.11	34	6038.32C	32	81080	33	9006.08	21
1.04	34	2.12	34	6038.52	32	81090	33	9006.08	12
1.05	34	2100	41	6038.52C	32	81100	33	9006.10	21
1.06	34	210416	43	6090.050	40	81110	33	9006.10	17
1.07	34	2110	41	6090.060	40	81120	33	9006.10	12
1.08	34	22	32	6090.070	40	84550	43	9006.10C	21
1.09	34	2215	41	6090.080	40	85/834	39	9006.10C	17
1.10	34	2220	41	6090.09	40	9001.00	27	9006.10C	12
1.11	34	22C	32	6090.10	40	9001.26	20	9006.11	22
1.12	34	265	41	6095.22	32	9001.35	30	9006.11	18
1100S	37	267	41	6095.23	32	9001.57	32	9006.11	13

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9006.11B	18	9006.50	32	9013.120	18	9014.250C	21	9016.030	24
9006.11B	13	9006.51	20	9013.12B	18	9014.250C	12	9016.030	15
9006.11C	21	9006.51B	20	9013.14	23	9014.270	21	9016.215	29
9006.11C	12	9006.53	25	9013.14	19	9014.270	17	9016.22	29
9006.11CN	21	9006.53	16	9013.14	14	9014.270	12	9016.30	24
9006.11CN	12	9006.53B	25	9013.15	23	9014.270C	21	9016.30	19
9006.13	22	9006.53B	16	9013.15	19	9014.270C	17	9016.30	15
9006.13	13	9006.56	27	9013.15	14	9014.270C	12	9016.31	19
9006.13B	22	9006.57	27	9013.16	19	9014.280	17	9016.32	29
9006.13B	13	9006.59	27	9013.17	19	9014.280C	17	9016.33	29
9006.15	22	9006.64	18	9013.18	19	9014.290	21	9016.34	30
9006.15	18	9006.64B	18	9013.19	19	9014.290	12	9016.35	30
9006.15	13	9006.65	18	9013.220	22	9014.290C	21	9016.36	24
9006.15B	22	9006.65B	18	9013.220	18	9014.290C	12	9016.36	19
9006.15B	18	9006.66	22	9013.220	13	9014.300	21	9016.36	15
9006.15B	13	9006.66	13	9013.22B	22	9014.300	17	9016.37	19
9006.16	22	9006.66B	22	9013.22B	18	9014.300	12	9016.38	24
9006.16	18	9006.66B	13	9013.22B	13	9014.300C	21	9016.38	19
9006.16	13	9006.67	22	9013.270	23	9014.300C	17	9016.38	15
9006.16B	22	9006.67	13	9013.270	14	9014.300C	12	9016.39	19
9006.16B	18	9006.67B	22	9013.280	23	9014.310	27	9016.40	24
9006.16B	13	9006.67B	13	9013.280	14	9014.310C	27	9016.40	19
9006.18	22	9006.76	25	9013.290	23	9014.320	27	9016.40	15
9006.18	13	9006.78	20	9013.290	14	9014.320C	27	9016.41	19
9006.18B	22	9006.78	16	9013.300	23	9014.330	27	9016.420	24
9006.18B	13	9006.89K	17	9013.300	14	9014.330C	27	9016.420	15
9006.20	22	9006.89KC	17	9013.390	18	9014.340	27	9016.430	24
9006.20	18	9006.95	27	9013.39B	18	9014.340C	27	9016.430	15
9006.20	13	9006.97	27	9013.420	22	9014.350	27	9016.440	24
9006.20B	22	9012.20	28	9013.420	18	9014.350C	27	9016.440	15
9006.20B	18	9012.21	28	9013.420	13	9014.360	27	9016.450	24
9006.20B	13	9012.22	28	9013.42B	22	9014.360C	27	9016.450	15
9006.21	18	9012.23	28	9013.42B	18	9014.370	27	9016.580	19
9006.21B	18	9012.24	28	9013.42B	13	9014.370C	27	9016.590	19
9006.22	18	9012.25	28	9013.430	18	9014.450	24	9018.010	18
9006.22B	18	9012.26	28	9013.43B	18	9014.450	19	9018.020	22
9006.23	24	9012.27	28	9013.500	23	9014.450	15	9018.020	13
9006.23	20	9012.28	28	9013.500	14	9014.460	24	9018.030	22
9006.23	15	9012.29	28	9013.510	23	9014.460	19	9018.030	18
9006.24	24	9012.30	28	9013.510	14	9014.460	15	9018.030	13
9006.24	20	9012.31	28	9013.520	23	9014.470	19	9018.050	18
9006.24	15	9012.32	28	9013.520	14	9014.480	19	9018.060	18
9006.27	24	9012.33	28	9013.530	23	9014.98	21	9018.070	22
9006.27	15	9012.34	28	9013.530	14	9014.98	17	9018.070	13
9006.28	24	9012.35	28	9014.13	27	9014.98	12	9018.080	22
9006.28	15	9012.36	28	9014.13C	27	9014.98C	21	9018.080	13
9006.310	23	9012.37	28	9014.14	27	9014.98C	17	9018.090	19
9006.310	14	9012.38	28	9014.14C	27	9014.98C	12	9018.100	19
9006.320	23	9012.39	28	9014.16	27	9015.230	24	9018.110	20
9006.320	14	9012.40	28	9014.16C	27	9015.230	15	9018.120	20
9006.37K	21	9012.41	28	9014.17	27	9015.240	24	9018.130	23
9006.37K	17	9012.50	29	9014.17C	27	9015.240	15	9018.130	19
9006.37K	12	9012.50C	29	9014.19	27	9015.250	24	9018.130	14
9006.37KC	21	9012.52	29	9014.19C	27	9015.250	19	9018.140	23
9006.37KC	17	9012.53	29	9014.220	21	9015.250	15	9018.140	19
9006.37KC	12	9012.54	29	9014.220	17	9015.260	19	9018.140	14
9006.39C	21	9012.55	29	9014.220	12	9015.270	24	9018.150	24
9006.39C	12	9012.56	29	9014.220C	21	9015.270	15	9018.150	20
9006.39K	21	9012.57	29	9014.220C	17	9016.000	24	9018.150	15
9006.39K	12	9012.91	27	9014.220C	12	9016.000	19	9018.160	24
9006.42	27	9012.913	27	9014.23	27	9016.000	15	9018.160	20
9006.42C	27	9012.92	27	9014.23C	27	9016.010	24	9018.160	15
9006.43	27	9013.10	18	9014.240	17	9016.010	19	9018.170	22
9006.43C	27	9013.10B	18	9014.240C	17	9016.010	15	9018.170	18
9006.44	27	9013.11	18	9014.250	21	9016.020	24	9018.170	13

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9018.200	18	9018.770	14	9019.150	23	9850	31		
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9018.360	23	9019.030C	21	9029.12	22	U17	35		
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9018.500	13	9019.040C	21	9032.100	23	Z-P185	43		
9018.510	22	9019.040C	17	9032.100	19	Z-P25	43		
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9018.660	20	9019.090	14	9032.140	14				
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9018.680	16	9019.110	23	91001	34				
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9018.700	18	9019.120	17	91050	33				
9018.720	22	9019.120	12	91060	33				
9018.720	13	9019.120C	21	91070	33				
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