

# PRINETO



## Price List PRINETO



# Contents

Pipes	P. 4
Sleeves	P. 16
Cuphin special fittings	P. 17
Drinking water installation accessories	P. 22
Heating installation accessories	P. 51
Surface heating / cooling installation accessories	P. 64
Industrial underfloor heating/thermal component activation	P. 87
Tools	P. 93
Assignment of complete tools	P. 108
Order lists	P. 112
General Terms and Conditions	P. 126

This price list is valid from September 2010. On its publication, the previous price list (status 2009) loses its validity. Prices are gross prices plus VAT. Tool prices are net prices plus VAT. You can receive binding conditions and discounts from your sales representative. Delivery and billing will be carried out in accordance with the General Terms and Conditions which you are familiar with and which are printed at the end of this list.

Subject to error and alterations.

## IVT Delivery Service



**DEUTSCHER LOGISTIK-PREIS**  
2009

(Würth Group)

### Germany

Orders received by 5 pm Mon. to Fri.		
Delivery the next working day (Mon. to Fri.) <sup>1</sup>		Price €/Shipment
Standard	during the day, before 6 pm	Basic price: 10.85
On request	before 12 midday	plus 7.15
On request	before 10 am	plus 14.95
On request	before 9 am	plus 29.80

### Austria

Orders received by 3 pm Mon. to Thurs. <sup>2</sup> , by 12 midday Fri. <sup>2</sup>		
Delivery the next working day (Mon. to Fri.) <sup>1</sup>		Price €/Shipment
Standard	during the day, before 5 pm	Basic price: 10.85
On request	before 12 midday	plus 7.15

<sup>1</sup> Delivery of surface heating / cooling material (insulation) within 48 hours on request, special agreements can be made with your Prineto consultant.



<sup>2</sup> After the normal cut-off time for orders, express delivery (for the next working day) is possible on request through our warehouse in Germany for orders received by 5 pm.

In this case we charge the following additional costs:

- Up to 10 kg: € 11.30
- Up to 50 kg: € 19.90
- Over 50 kg: € 27.90



Tel. hotline D: +49 (0) 98 76/97 86-97 Fax: +49 (0) 98 76/97 86-98

Tel. hotline AT: +43 (0) 16 16 68 65-10 Fax: +43 (0) 16 16 68 65-11

# Pipes/Sleeves

**PRINETO** pipes are made exclusively manufactured of cross-linked polyethylene and thus guarantee a high level of resistance to ageing and a tight and durable seal without the need for additional sealants such as o-rings.

**PRINETO** pipes are available in dimensions from 14 mm to 63 mm outer diameter (DN 10-50).

**PRINETO** Stabil multilayered pipes and the new Nanoflex pipes are completely oxygen-tight.

**PRINETO** heating pipes (red) are oxygen-tight in accordance with DIN 4726. The **PRINETO** drinking water pipes have been microbiologically examined and approved in accordance with the DVGW working sheet W 270 and are toxicologically and physiologically harmless. The manufacture of individual pipe measurements and bundle lengths in the industrial range for deliveries in excess of 20,000 m can be arranged on request.

## Highlights of **PRINETO** pipes:

- exclusively of cross-linked polyethylene
- extremely durable when compared with PE-RT
- corrosion-resistant
- DIN-tested and approved by accredited European testing agencies
- Nanoflex: the first completely oxygen-tight PE-X pipe in the world, protected by patent, extremely flexible and very easily worked
- flexible and rigid pipes can both be worked with the same type of fittings
- pipes and sliding sleeves connecting technology up to 63 mm outer diameter
- symmetrical sliding sleeve – can be fitted from both sides

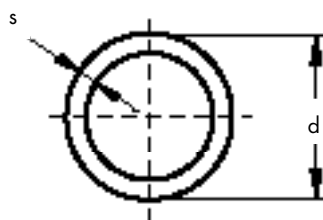


## **PRINETO** Nanoflex universal pipe



Flexible universal pipe for plumbing and heating systems with 100% oxygen-tight and UV-resistant Nano-metal surface, cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with EN ISO 15875-2, DVGW, ÖVGW and other country approvals, clamped with brass sliding sleeve, bundle.

Colour: stainless steel

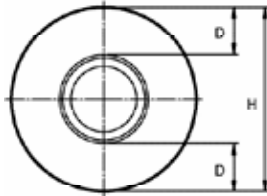
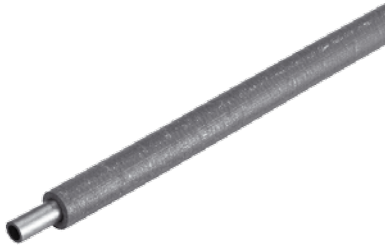


Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Nanoflex 16 bundle 120 m	16	2.2	12	0.098	878 110 100	120	2.20
Nanoflex 16 bundle 240 m	16	2.2	12	0.098	878 110 101	240	2.10
Nanoflex 20 bundle 120 m	20	2.8	15	0.153	878 110 200	120	3.25
Nanoflex 25 bundle 50 m	25	3.5	20	0.238	878 110 300	50	4.60
Nanoflex 32 bundle 25 m	32	4.4	25	0.382	878 110 400	25	7.00



## PRINETO Nanoflex universal pipe, with concentric insulation 5 mm and 9 mm

**New**

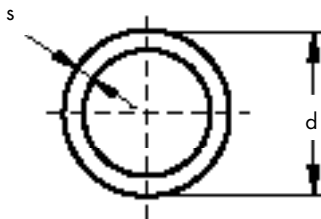


Flexible universal pipe for plumbing and heating systems with 100% oxygen-tight and UV-resistant Nano-metal surface, with concentric insulation in accordance with DIN 1988 or EnEV, cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with EN ISO 15875-2, DVGW, ÖVGW and other country approvals, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, clamped with brass sliding sleeve, bundle.

Colour of pipe: stainless steel  
Colour of insulation 5 mm: blue  
Colour of insulation 9 mm: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Nanoflex universal pipe 16, 5 mm	27	5	12	0.098	878 118 105	50	4.20
Nanoflex universal pipe 20, 5 mm	31	5	12	0.098	878 118 205	50	5.60
Nanoflex universal pipe 16, 9 mm	35	9	15	0.153	878 118 109	50	4.80
Nanoflex universal pipe 20, 9 mm	39	9	15	0.238	878 118 209	50	6.50

## PRINETO Nanoflex heating pipe



Flexible heating pipe with 100% oxygen-tight and UV-resistant Nano-metal surface, cross-linked polyethylene PE-X in accordance with DIN 16892/16893, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class C in accordance with EN ISO 15875-2, clamped with brass sliding sleeve, bundle.

Colour: stainless steel

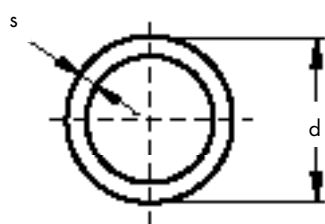
Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Nanoflex heating pipe 14	14	2.0	10	0.086	878 110 080	120	1.90
Nanoflex heating pipe 14	14	2.0	10	0.086	878 110 081	240	1.80

## PRINETO Nanoflex surface heating pipe, highly flexible



Highly flexible heating pipe with 100% oxygen-tight and UV-resistant Nano-metal surface, cross-linked polyethylene PE-MDX in accordance with DIN 16894, application class 4 in accordance with DIN 4724, dimension class C in accordance with DIN 4724, clamped with nickel-plated sliding sleeve 16, bundle. Colour: stainless steel

Pipe bundle measurements



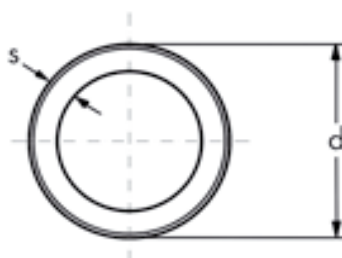
Dimensions	OD (mm)	ID (mm)	Bundle breadth (mm)
17 x 2.0 120 m	800	550	158
17 x 2.0 240 m	800	480	245

Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Nanoflex surface heating pipe 17	17	2	0.104	878 111 250	120	1.60
Nanoflex surface heating pipe 17	17	2	0.104	878 111 251	240	1.60

## PRINETO Stabil multilayered pipe

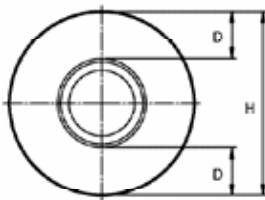


Multilayer compound pipe, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2 (16–32), with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, Stabil 14 with brass-coloured sliding sleeve. Colour: white



Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 14 bundle	14	2.0	10	0.126	878 520 080	100	2.70
Stabil pipe 16 bundle	17	2.8	12	0.144	878 520 100	100	2.90
Stabil pipe 16 4 m rod	17	2.8	12	0.144	878 620 100	120	3.15
Stabil pipe 20 bundle	21	3.4	15	0.211	878 520 200	100	4.20
Stabil pipe 20 4 m rod	21	3.4	15	0.211	878 620 200	80	4.45
Stabil pipe 25 bundle	26	4.0	20	0.308	878 520 300	50	6.85
Stabil pipe 25 4 m rod	26	4.0	20	0.308	878 620 300	60	7.25
Stabil pipe 32 4 m rod	33	4.9	25	0.477	878 620 400	36	11.20
Stabil pipe 40 4 m rod	42	4.6	32	1.68	878 620 500	20	19.50
Stabil pipe 50 4 m rod	52	5.65	40	0.96	878 620 600	12	26.80
Stabil pipe 63 4 m rod	63	6.0	50	1.302	878 620 700	4	42.50

## PRINETO Stabil multilayered pipe, with concentric insulation 5 mm and 9 mm



Multilayer compound pipe, with concentric insulation in accordance with DIN 1988 or EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle 50 m.

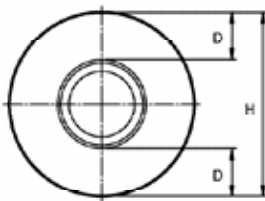
Colour of pipe: white

Colour of insulation 5 mm: blue

Colour of insulation 9 mm: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 5 mm	27	5	12	0.17	878 528 105	50	4.40
Stabil pipe 20, 5 mm	31	5	15	0.240	878 528 205	50	5.95
Stabil pipe 25, 5 mm	36	5	20	0.34	878 528 305	50	9.00
Stabil pipe 16, 9 mm	35	9	12	0.17	878 528 109	50	5.25
Stabil pipe 20, 9 mm	41	9	15	0.25	878 528 209	50	6.70
Stabil pipe 25, 9 mm	46	9	20	0.356	878 528 309	50	9.70

## PRINETO Stabil multilayered pipe, with concentric insulation 50 and 100%



Multilayer compound pipe, with concentric insulation in accordance with DIN 1988 or EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

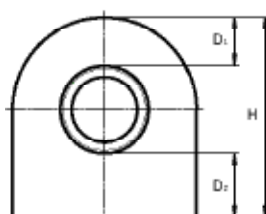
Colour of pipe: white

Colour of insulation 50%: blue

Colour of insulation 100%: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 50%	42	13	12	0.146	878 528 113	50	5.95
Stabil pipe 20, 50%	48	13	15	0.25	878 528 213	50	7.20
Stabil pipe 25, 50%	58	13	20	0.376	878 528 313	50	10.10
Stabil pipe 16, 100%	70	26	12	0.268	878 528 126	25	6.90
Stabil pipe 20, 100%	77	26	15	0.362	878 528 226	25	8.55
Stabil pipe 25, 100%	80	26	20	0.462	878 528 326	25	11.50

## **PRINETO** Stabil multilayered pipe, with eccentric insulation 50 mm and 100%



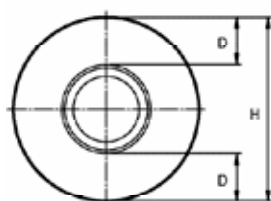
Multilayer compound pipe, with eccentric insulation in accordance with EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

Colour of pipe: white

Colour of insulation: blue

Description	H mm	D <sub>1</sub> mm	D <sub>2</sub> mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 50%	39	5	13	12	0.14	878 528 150	50	6.90
Stabil pipe 20, 50%	43	5	13	15	0.25	878 528 250	50	8.90
Stabil pipe 25, 50%	54	5	13	20	0.375	878 528 350	50	10.30
Stabil pipe 16, 100%	52	7	26	12	0.22	878 528 100	50	13.50
Stabil pipe 20, 100%	56	7	26	15	0.28	878 528 200	50	14.40
Stabil pipe 25, 100%	61	7	26	20	0.386	878 528 300	25	15.80

## **PRINETO** PE-X plumbing pipe, with concentric insulation



Plumbing pipe, with concentric insulation in accordance with DIN 1988 or EnEV, cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals. Clamped with bronze sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

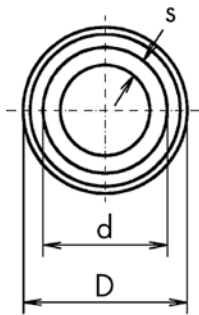
Colour of pipe: black

Colour of insulation: blue

Colour of insulation 100%: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16, 5 mm	27	5	12	0.17	878 518 105	50	3.75
Plumbing pipe 20, 5 mm	31	5	15	0.240	878 518 205	50	4.80
Plumbing pipe 16, 50%	43	13	12	0.146	878 518 100	50	5.85
Plumbing pipe 20, 50%	47	13	15	0.207	878 518 200	50	7.20
Plumbing pipe 16, 100%	70	26	12	0.268	878 518 126	25	6.35
Plumbing pipe 20, 100%	77	26	15	0.362	878 518 226	25	7.60

## PRINETO PE-X plumbing pipe in pipe



Interior pipe (water-conveying): cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals. Clamped with brass sliding sleeve, bundle.

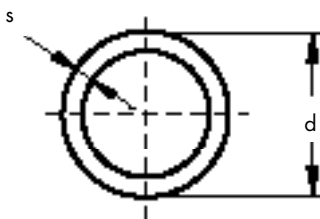
Colour: black

Outer pipe: corrugated pipe 20/24 of PE

Colour: black

Description	D mm	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16 in pipe	25	16	2.2	12	0.173	878 619 100	50	3.25
Plumbing pipe 20 in pipe	29	20	2.8	15	0.245	878 619 200	50	4.60

## PRINETO PE-X plumbing pipe

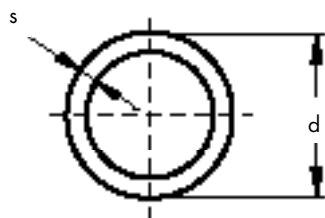
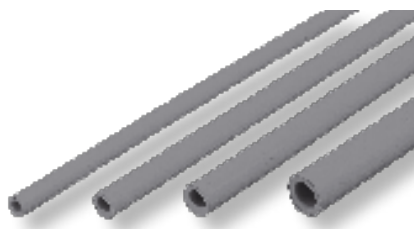


Cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals, clamped with brass sliding sleeve.

Colour: black

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16 bundle	16	2.2	12	0.098	878 510 100	100	2.15
Plumbing pipe 16 4 m rod	16	2.2	12	0.098	878 610 100	160	2.45
Plumbing pipe 20 bundle	20	2.8	15	0.153	878 510 200	100	3.10
Plumbing pipe 20 4 m rod	20	2.8	15	0.153	878 610 200	100	3.40
Plumbing pipe 25 bundle	25	3.5	20	0.238	878 510 300	50	4.45
Plumbing pipe 25 4 m rod	25	3.5	20	0.238	878 610 300	60	5.00
Plumbing pipe 32 bundle	32	4.4	25	0.382	878 510 400	25	6.85
Plumbing pipe 32 4 m rod	32	4.4	25	0.382	878 610 400	40	6.95

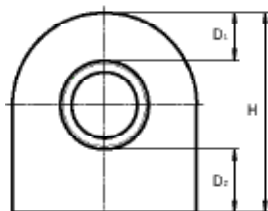
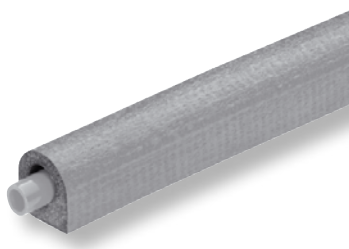
## PRINETO PE-X heating pipe



Cross-linked polyethylene PE-X in accordance with DIN 16892, pipe series S 3.2 with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, clamped with brass sliding sleeve. Colour: red

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Heating pipe 16 bundle	16	2.2	12	0.098	878 310 100	120	2.15
Heating pipe 16 4 m rod	16	2.2	12	0.098	878 410 100	160	2.45
Heating pipe 20 bundle	20	2.8	15	0.153	878 310 200	120	3.10
Heating pipe 20 4 m rod	20	2.8	15	0.153	878 410 200	100	3.40
Heating pipe 25 bundle	25	3.5	20	0.238	878 310 300	50	5.15
Heating pipe 25 4 m rod	25	3.5	20	0.238	878 410 300	60	5.15
Heating pipe 32 bundle	32	4.4	25	0.382	878 310 400	25	7.75
Heating pipe 32 4 m rod	32	4.4	25	0.382	878 410 400	40	7.75

## PRINETO PE-X heating pipe, with eccentric insulation 50 and 100 %



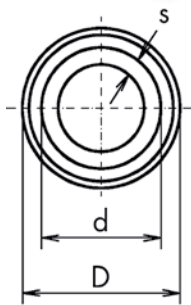
Heating pipe, with eccentric insulation in accordance with EnEV, cross-linked polyethylene PE-X in accordance with DIN 16892, pipe series S 3.2 with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, clamped with brass sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

Colour of pipe: red  
Colour of insulation: blue

Description	H mm	D <sub>1</sub> mm	D <sub>2</sub> mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Heating pipe 16, 50%	39	5	13	12	0.14	878 318 150	50	6.35
Heating pipe 20, 50%	43	5	13	15	0.215	878 318 250	50	7.20
Heating pipe 16, 100%	52	7	26	12	0.18	878 318 100	50	10.10
Heating pipe 20, 100%	56	7	26	15	0.32	878 318 200	50	10.80



## PRINETO PE-X heating pipe in pipe



Interior pipe (water-conveying: cross-linked polyethylene PE-X in accordance with DIN 16892, pipe series S 3.2 with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, clamped with brass sliding sleeve, bundle.

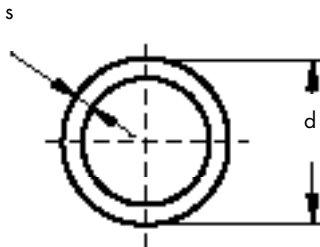
Colour: red

Outer pipe: corrugated pipe 20/24 of PE

Colour: black

Description	D mm	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Heating pipe 16 in pipe	25	16	2.2	12	0.173	878 319 100	50	3.25
Heating pipe 20 in pipe	29	20	2.8	15	0.245	878 319 200	50	4.60

## PRINETO PE-X surface heating pipe



Cross-linked polyethylene PE-X in accordance with DIN 16892, with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application class 4 in accordance with DIN EN ISO 15875-1, dimension class C in accordance with DIN EN ISO 15875-2, clamped with nickel-plated sliding sleeve 16, bundle.

Colour: medium grey

Pipe bundle measurements

Dimensions	OD (mm)	ID (mm)	Bundle breadth (mm)
17 x 2.0 120 m	800	550	158
17 x 2.0 240 m	800	480	245
17 x 2.0 600 m	850	500	541

Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe PE-X 17	17	2.0	0.104	878 311 150	120	1.55
Surface heating pipe PE-X 17	17	2.0	0.104	878 311 151	240	1.55
Surface heating pipe PE-X 17	17	2.0	0.104	878 311 152	600	1.55



## **PRINETO** PE-MDX surface heating pipe, highly flexible

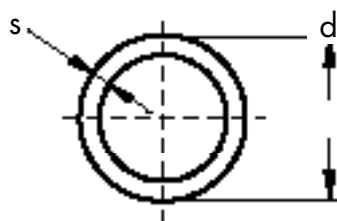


Cross-linked polyethylene PE-MDX in accordance with DIN 16894, with EVOH sheathing, oxygen-tight in accordance with DIN 4724, application class 4 in accordance with DIN 4724, dimension class C (12, 14, 17, 20) or A (25) in accordance with DIN 4724, bundle.

Colour: light grey

12, 14, 20, 25 clamped with brass sliding sleeve, 17 clamped with nickel-plated sliding sleeve 16.

Dimension 12 x 2.0 available from 01/2011, available immediately as PE-X pipe in HD quality, colour: opaque, art.-no. 878 310 050



Pipe bundle measurements

Dimensions	OD (mm)	ID (mm)	Bundle breadth (mm)
12 x 2.0 120 m	670	470	120
14 x 2.0 240 m	800	540	190
14 x 2.0 600 m	800	480	400
17 x 2.0 120 m	800	550	158
17 x 2.0 240 m	800	480	245
17 x 2.0 600 m	850	500	541
20 x 2.0 240 m	860	450	246
25 x 2.3 240 m	840	480	560

	Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
<b>New</b>	Surface heating pipe PE-MDX 12	12	2.0	0.067	878 311 220	120	1.25
	Surface heating pipe PE-MDX 14	14	2.0	0.086	878 311 231	240	1.30
	Surface heating pipe PE-MDX 14	14	2.0	0.086	878 311 232	600	1.30
	Surface heating pipe PE-MDX 17	17	2.0	0.104	878 311 250	120	1.40
	Surface heating pipe PE-MDX 17	17	2.0	0.104	878 311 251	240	1.40
	Surface heating pipe PE-MDX 17	17	2.0	0.104	878 311 252	600	1.40
	Surface heating pipe PE-MDX 20	20	2.0	0.12	878 311 171	240	1.90
	Surface heating pipe PE-MDX 25	25	2.3	0.177	878 311 181	240	2.50

## PRINETO PE-MDX surface heating pipe, highly flexible, self-linking

**New**

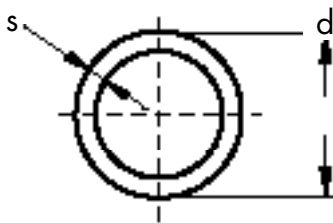


PE-MD (MD-Xb S), self-linking polyethylene following DIN 16894, with EVOH sheathing, oxygen-tight following DIN 4724, application class 4 following DIN 4724, dimension class C following DIN 4724, bundle.

Colour: light grey

20 clamped with brass sliding sleeve, 17 clamped with nickel-plated sliding sleeve 16.

### Pipe bundle measurements



Dimensions	OD (mm)	ID (mm)	Bundle breadth (mm)
17 x 2.0 240 m	800	480	245
17 x 2.0 600 m	850	500	541
20 x 2.0 240 m	860	450	246

Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe PE-MDX S 17	17	2.0	0.104	878 311 351	240	1.20
Surface heating pipe PE-MDX S 17	17	2.0	0.104	878 311 352	600	1.20
Surface heating pipe PE-MDX S 20	20	2.0	0.12	878 311 371	240	1.35

## **PRINETO** Pipe insulation tape

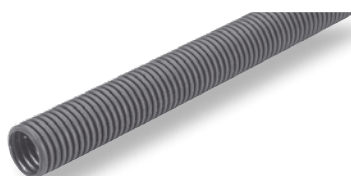


For sticking over the fixings of pre-insulated floor-laid pipes, for insulation of impact sound between pipe fixture and screed in accordance with the VFA Vienna.

Material: soft PE foam, length 5 m, width 50 mm, thickness 4.5 mm

Description	b mm	h mm	Weight kg/pce	Art.-no.	Pack qty m	€/pce
Pipe insulation tape	50	4.5	0.098	878 681 900	5	11.00

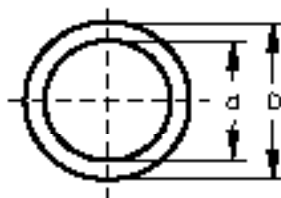
## **PRINETO** Corrugated pipe



**PRINETO** corrugated pipe as separate protective pipe for **PRINETO** pipes of the dimensions 16, 17 (corrugated pipe 20) and 20 (corrugated pipe 24) or as electric cable conduit.

Colour: black

Material: Polyethylene



Description	D mm	d mm	Weight kg/pce	Art.-no.	Pack qty	€/m
Corrugated pipe 20	25	20	0.072	878 317 100	25	0.95
Corrugated pipe 24	29	24	0.062	878 317 200	50	1.10

## **PRINETO** Glide spray for sliding sleeve Stabil multilayered pipe 63



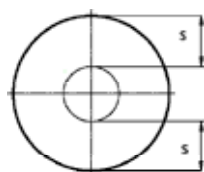
To reduce sliding force during 63 connections.

Use: lightly spray the inside of the sliding sleeve 63

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Glide spray for sliding sleeve Stabil multilayered pipe 63	0.40	878 530 999	1	25.85

## PRINETO Fire prevention insulating shell R 30–R 120\* **New**

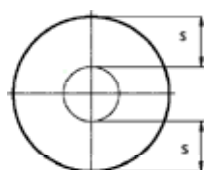
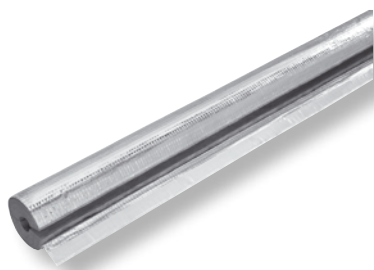
Rock wool insulating shell for wall and ceiling bushings R 30 to R 120 for Nanoflex, plumbing, heating and Stabil multilayered pipes in accordance with ABP P-3726/4140-MPA BS, for hot and cold pipes, insulation in accordance with DIN 1988 or at least 50% in accordance with EnEV, with grid-reinforced aluminium lamination as a vapour diffusion barrier and self-adhesive aluminium foil overlap, slit in two half-shells for easy fitting on the pipe, material class A2, thermal conductivity 0.040 W/mK, melting point >1000°C.



Description	s mm	l/ pce	Weight kg/pce	Art.-no.	Pack qty m	€/pce
R 30 to R 120 for Stabil multilayered pipe 14	23	1 m	0.44	878 386 261	42	on request
R 30 to R 120 for Stabil multilayered pipe 16	21.5	1 m	0.43	878 386 262	42	on request
R 30 to R 120 for Stabil multilayered pipe 20	19.5	1 m	0.41	878 386 263	42	on request
R 30 to R 120 for Stabil multilayered pipe 25	17	1 m	0.38	878 386 264	42	on request
R 30 to R 120 for Stabil multilayered pipe 32	23	1 m	0.67	878 386 265	20	on request
R 30 to R 120 for Stabil multilayered pipe 40	19	1 m	0.60	878 386 266	20	on request
R 30 to R 120 for Stabil multilayered pipe 50	23.5	1 m	0.99	878 386 267	14	on request
R 30 to R 120 for Stabil multilayered pipe 63	33.5	1 m	1.68	878 386 268	9	on request
R 30 to R 120 for PE-X pipe 16	22	1 m	0.43	878 386 269	42	on request
R 30 to R 120 for PE-X pipe 20	20	1 m	0.41	878 386 270	42	on request
R 30 to R 120 for PE-X pipe 25	17.5	1 m	0.39	878 386 271	42	on request
R 30 to R 120 for PE-X pipe 32	24	1 m	0.70	878 386 272	20	on request

## PRINETO Fire prevention and heat insulating shell R 30\* **New**

Rock wool insulating shell for Nanoflex, plumbing, heating or Stabil multilayered pipes, for hot and cold pipes, insulation in accordance with DIN 1988 or EnEV, for use on rescue and escape routes, with grid-reinforced aluminium lamination as a vapour diffusion barrier and self-adhesive aluminium foil overlap, slit in two half-shells for easy fitting on the pipe, material class A2, fire resistance class R 30, thermal conductivity 0.035 W/mK, melting point >1000°C.

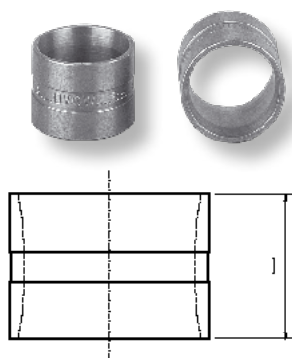


Description	s mm	l/ pce	Weight kg/pce	Art.-no.	Pack qty m	€/pce
R 30 for Stabil pipe 14, 20 mm	20	1 m	0.22	878 386 250	48	on request
R 30 for PE-X and Stabil pipe 16, 20 mm	20	1 m	0.240	878 386 251	42	on request
R 30 for PE-X and Stabil pipe 20, 20 mm	20	1 m	0.26	878 386 252	36	on request
R 30 for PE-X and Stabil pipe 25, 20 mm	20	1 m	0.30	878 386 253	30	on request
R 30 for PE-X and Stabil pipe 32, 20 mm	20	1 m	0.35	878 386 254	25	on request
R 30 for Stabil pipe 40, 20 mm	20	1 m	0.39	878 386 255	20	on request
R 30 for Stabil pipe 40, 30 mm	30	1 m	0.68	878 386 256	12	on request
R 30 for Stabil pipe 50, 20 mm	20	1 m	0.70	878 386 257	16	on request
R 30 for Stabil pipe 50, 30 mm	30	1 m	1.10	878 386 258	10	on request
R 30 for Stabil pipe 63, 20 mm	20	1 m	0.78	878 386 259	12	on request
R 30 for Stabil pipe 63, 30 mm	30	1 m	1.13	878 386 260	9	on request

### \*Note:

Prices, delivery times and further insulation material thicknesses on request

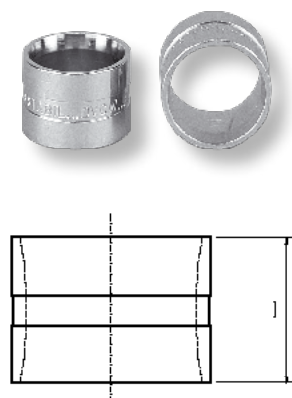
## PRINETO Sliding sleeve for PE-X pipe



For making sliding sleeve connections, can be applied to both sides, for plumbing, heating and Nanoflex pipes.  
Material: brass, tempered, colour: bright brass

Description	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sleeve PE-X 16	15	0.012	878 530 100	100	0.75
Sleeve PE-X 20 x 2.8/2.0	18	0.019	878 530 200	100	0.90
Sleeve PE-X 25 x 3.5/2.3	22	0.030	878 530 300	100	1.20
Sleeve PE-X 32	27	0.054	878 530 400	50	2.00

## PRINETO Sliding sleeve for Stabil multilayered pipe



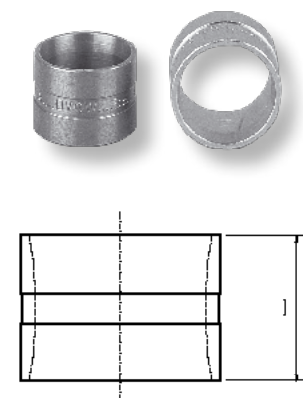
For making sliding sleeve connections, can be applied to both sides, for Stabil multilayered pipes.

Material: brass, tempered

Colour: nickel-plated (sleeve 14: bright brass)

Description	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sleeve 14	15	0.010	878 530 090	100	0.80
Sleeve 14	15	0.010	878 530 091	25	0.80
Sleeve Stabil 16/17 x 2.0	15	0.014	878 539 100	100	0.90
Sleeve Stabil 20	18	0.022	878 539 200	100	1.10
Sleeve Stabil 25	22	0.040	878 539 300	100	1.40
Sleeve Stabil 32	27	0.060	878 539 400	50	2.10
Sleeve Stabil 40	32	0.092	878 539 500	10	4.35
Sleeve Stabil 50	36	0.14	878 539 600	10	7.50
Sleeve Stabil 63	39	0.293	878 539 700	10	10.80

## PRINETO Sliding sleeve for surface heating pipe



For making sliding sleeve connections, can be applied to both sides, for surface heating pipes. Material: brass, tempered,  
for pipes 17 x 2.0, colour: nickel plated,  
for pipes 12 x 2.0, 14 x 2.0, 20 x 2.0, 25 x 2.3, colour: bright brass

**New**

Description	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sleeve 12	15	0.070	878 530 080	100	0.90
Sleeve 14	15	0.010	878 530 090	100	0.80
Sleeve 14	15	0.010	878 530 091	25	0.80
Sleeve Stabil 16/17 x 2.0	15	0.012	878 539 100	100	0.90
Sleeve PE-X 20 x 2.8/2.0	18	0.019	878 530 200	100	0.90
Sleeve PE-X 25 x 3.5/2.3	22	0.030	878 530 300	100	1.20

## Special fittings

**New**

With the **PRINETO** fittings made of the new high-performance material "Cuphin", the installation of drinking water pipes is no longer a problem – even in regions with particularly aggressive drinking water. With our special **PRINETO** Cuphin fittings, we can already achieve completely lead-free drinking water installation, without compromising the positive characteristics of a brass fitting.

Cuphin CuZn21Si3 is an innovative dezincification-resistant installation material made of special brass that has had the alloy component lead removed from it.

On the one hand, this guarantees compliance with the limit value of 0.01 mg/l for lead in drinking water required from December 1, 2013. On the other, this material is absolutely free of tension crack corrosion, making it ideal for use in areas with drinking water qualities that have induced tension cracks in small-dimension brass fittings in the past. Cuphin stands out thanks to its unusual mechanical load capacity that has not been able to be achieved with conventional brass materials so far.

\*All Cuphin fittings available from 12/2010

### Highlights **PRINETO** Cuphin fittings:

- has the material strength of steel
- can be processed like standard brass
- lead-free (compliance with Drinking Water Ordinance/limit values from December 2013)
- dezincification-resistant
- insensitive to tension cracks



bleifrei

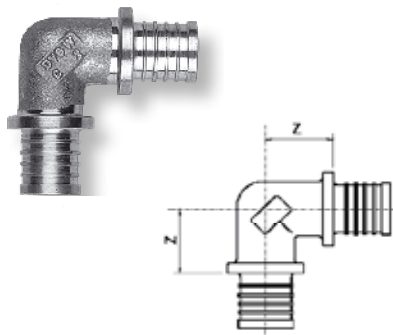


dezincification-resistant



insensitive to tension cracks

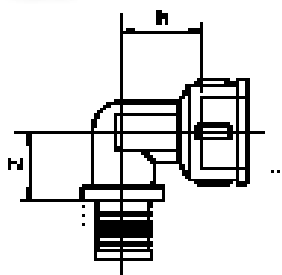
### **PRINETO** Angle 90°



For connecting heating, plumbing, Nanoflex and Stabil multilayered pipes.  
Material: Cuphin

Description	Dimension	Z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle	16	18	0.046	878 474 110	10	7.70
Angle	20	21	0.076	878 474 220	10	8.90

## **PRINETO** Angle transition with internal thread

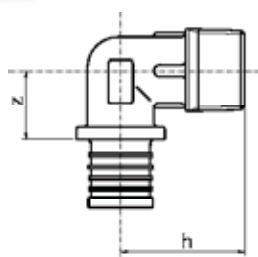
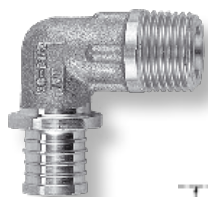


For angle connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with external R-thread.

Material: Cuphin

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle transition	16-Rp 1/2	17	21	0.082	878 472 150	10	9.45
Angle transition	20-Rp 1/2	19	22.5	0.102	878 472 250	10	12.70
Angle transition	20-Rp 3/4	19	25	0.126	878 472 260	10	14.60

## **PRINETO** Angle transition with external thread



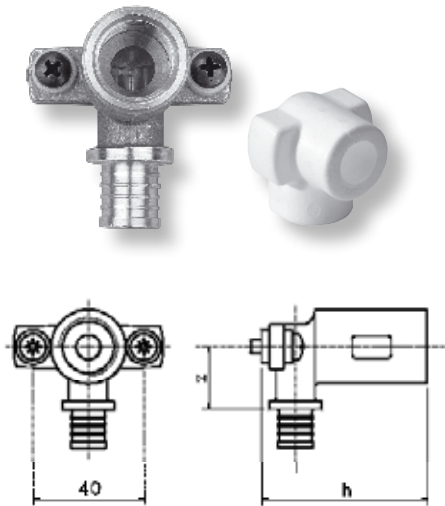
Angle transition with external R-thread for angle connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with internal Rp-thread.

Material: Cuphin

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle transition	16-R 1/2	18	34	0.068	878 474 150	10	6.90
Angle transition	20-R 1/2	20	36.5	0.086	878 474 250	10	10.70
Angle transition	20-R 3/4	20	38	0.102	878 474 260	10	12.80



## PRINETO Wall angle



Tapping fitting for screwing in fittings, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with holders), for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes.

Material: Cuphin, polyamide, steel  
Cover material: extruded polystyrene

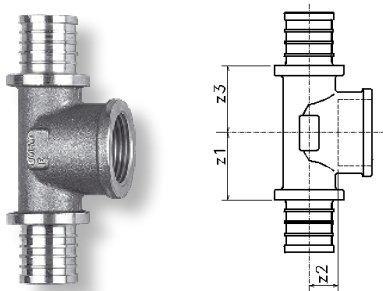
Insulating cover for wall angle Rp 1/2

For the heat and impact sound insulation of wall angles to Rp 1/2".

Material: extruded polystyrene

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall angle	16-Rp 1/2	29	54	0.174	878 450 070	10	15.60
Wall angle	20-Rp 1/2	30	54	0.174	878 450 080	10	17.60
Wall angle	16-Rp 1/2 short	29	44	0.15	878 450 071	10	11.70
Wall angle	20-Rp 1/2 short	30	45	0.152	878 450 081	10	16.30
Insulating cover for wall angle Rp 1/2				0.006	878 659 030	10	2.00

## PRINETO Tee with inner threaded outlet

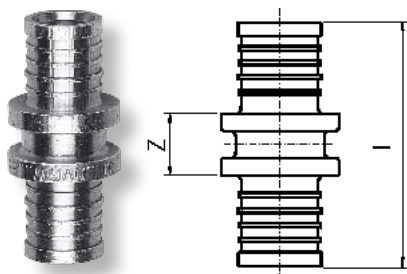


For dividing or merging the flow in heating, plumbing, Nanoflex or Stabil multilayered pipes, with outlet with internal Rp-thread.

Material: Cuphin

Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	16-Rp 1/2-16	23	9	23	0.090	878 462 151	5	12.40
Tee	20-Rp 1/2-20	24	10	24	0.118	878 462 252	5	16.40

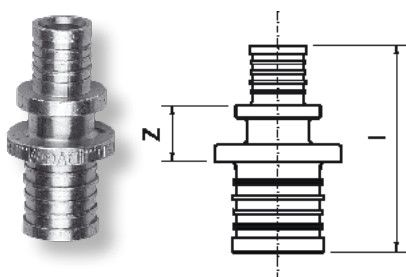
## PRINETO Coupler



For connecting heating, plumbing, Nanoflex, and Stabil multilayered pipes.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Coupler	16	12	40	0.028	878 440 110	10	5.80
Coupler	20	13	47	0.046	878 440 220	10	6.50

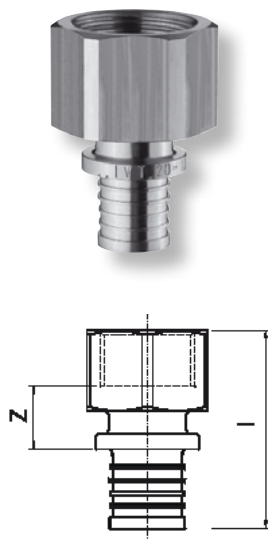
## PRINETO Reducing coupler



For connecting heating, plumbing, Nanoflex, and Stabil multilayered pipes.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Reducing coupler	20-16	12	44	0.038	878 440 210	10	6.30
Reducing coupler	25-20	14	52	0.064	878 440 320	10	8.70

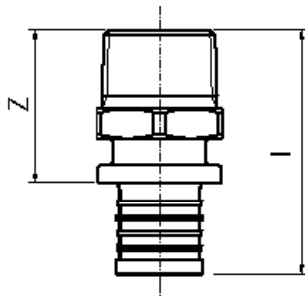
## PRINETO Transition with internal thread



Transition with internal Rp-thread. For connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with external R-thread.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	16-Rp 1/2	12	43	0.078	878 442 150	10	8.50
Transition	20-Rp 1/2	13	47	0.088	878 442 250	10	9.30
Transition	20-Rp 3/4	13	49	0.122	878 442 260	10	10.60

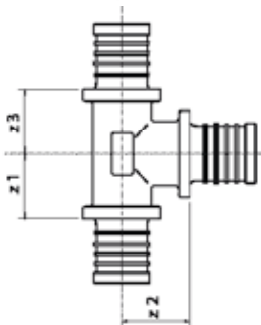
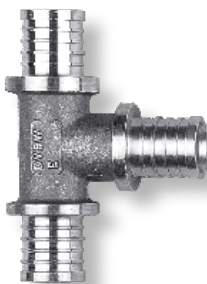
## PRINETO Transition with external thread



Transition with external R-thread for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with internal Rp-thread.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	16-R 1/2	32	46	0.052	878 441 150	10	6.10
Transition	16-R 3/4	34	48	0.080	878 441 160	10	9.70
Transition	20-R 1/2	32.5	49.5	0.070	878 441 250	10	7.20
Transition	20-R 3/4	34.5	51.5	0.090	878 441 260	10	10.10

## PRINETO Tee



For dividing or merging the flows. All connections for plumbing, heating, Nanoflex and Stabil multilayered pipes  
Material: Cuphin

Description	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	16	16	18.5	16	0.062	878 460 111	10	7.30
Tee	16-20-16	17.5	19	17.5	0.078	878 460 121	10	12.20
Tee	20-16-16	16.5	21.5	16.5	0.076	878 460 211	10	9.90
Tee	20-16-20	16.5	20	16.5	0.086	878 460 212	10	9.40
Tee	20-20-16	18	21	16.5	0.092	878 460 221	10	13.40
Tee	20	18	21	18	0.098	878 460 222	10	11.70
Tee	25-16-25	17.5	24.5	19	0.13	878 460 313	10	15.10

# Drinking water installation accessories

**PRINETO** is the pipework system for cold and heated drinking water in buildings with flexible and rigid plastic pipes made of cross-linked polyethylene PE-X and fittings of special dezincification-resistant brass. The pipework system covers the nominal sizes DN 10, 12, 15, 20, 25, 32, 40 and 50. **PRINETO** pipes and the **PRINETO** clamps are DVGW tested and approved in accordance with working sheets W 544 and W 542, W 534 and W 270 for drinking water installations. The patented **PRINETO** sliding sleeve clamped connection is quick and reliable to establish with the **PRINETO** tools which were specially designed for the purpose. The alloy components of the **PRINETO** fittings for drinking water installation comply with DIN 50930 part 6 and thus guarantee compliance

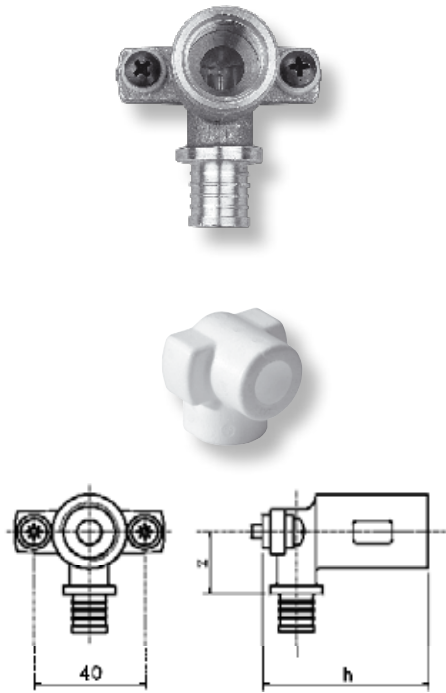
with the 2001 Drinking Water Ordinance, even with regard to the limit value of 0.01 mg/l lead in drinking water required from 01.12.2013. The bodies of the fittings for **PRINETO** PE-X and Stabil multilayered pipes are identical, the **PRINETO** sleeves differ in their measurements and, for clear identification, also in their colour (colour coordination). **PRINETO** sleeves are symmetrical. It is not possible to fit or push them on the wrong way. **PRINETO** pipes and **PRINETO** fittings are corrosion-resistant to drinking water in accordance with the Drinking Water Ordinance. All non-metallic system components and the **PRINETO** pipes for drinking water installation comply with the KTW recommendations of the German health authority.

## Highlights of the **PRINETO** drinking water pipe system:

- fittings made of special dezincification-resistant brass
- material tempered to avoid the risk of tension crack corrosion
- complies with the 2001 Drinking Water Ordinance
- pipes and unions DVGW (worksheet 270) tested and approved
- has all important national and international approvals DVGW, ÖVGW, SVGW, ...



## PRINETO Wall angle

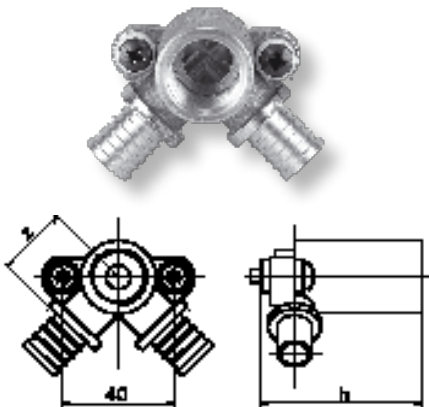


Tapping fitting for screwing in fittings, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with holders), for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes (wall angle 14 for Stabil multilayered and Nanoflex pipes).  
Material: dezincification-resistant brass, polyamide, steel  
Cover material: extruded polystyrene

Insulating cover for wall angle Rp 1/2 for the heat and impact sound insulation of wall angles to Rp 1/2" (not for V passage)  
Material: extruded polystyrene

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall angle	14-Rp 1/2	29	54	0.17	878 650 000	10	7.25
Wall angle	16-Rp 1/2	29	54	0.174	878 650 070	10	7.25
Wall angle	20-Rp 1/2	30	54	0.174	878 650 080	10	7.75
Wall angle	20-Rp 3/4	27	45	0.186	878 650 090	10	8.30
Wall angle	25-Rp 3/4	28	50	0.222	878 650 100	10	10.70
Wall angle	14-Rp 1/2 short	29	44	0.165	878 650 001	10	7.15
Wall angle	16-Rp 1/2 short	29	44	0.15	878 650 071	10	7.15
Wall angle	20-Rp 1/2 short	30	45	0.152	878 650 081	10	7.65
Insulating cover for wall angle Rp 1/2				0.006	878 659 030	10	2.00

## PRINETO Wall angle with V passage

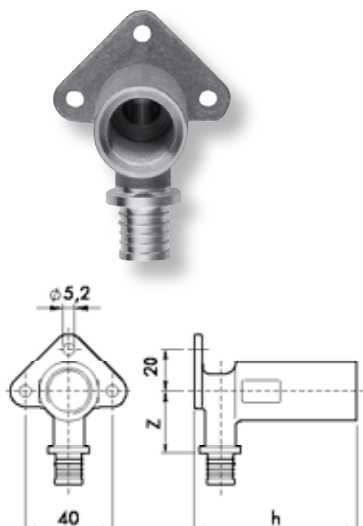


Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes.

Material: dezincification-resistant brass, polyamide, steel

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall angle V	16-Rp 1/2	24	57	0.212	878 650 110	10	9.90
Wall angle V	20-Rp 1/2	25	57	0.22	878 650 120	10	12.10

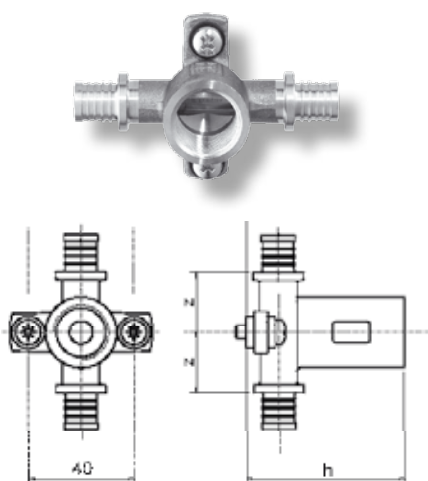
## PRINETO Ceiling angle



Tapping fitting for screwing in fittings, for surface mounting (with 3 fixing screws) directly to the wall without sound insulation, for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Ceiling angle	16-Rp 1/2	29	75	0.218	878 650 160	10	7.90
Ceiling angle	20-Rp 1/2	30	75	0.228	878 650 170	10	8.85
Ceiling angle	25-Rp 1/2	28.5	61	0.258	878 650 180	5	10.00
Ceiling angle	32-Rp 1/2	25	65.5	0.28	878 650 240	5	20.20

## PRINETO Wall angle with tee passage

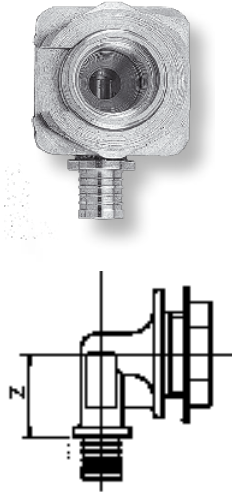


Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes.

Material: dezincification-resistant brass, polyamide, steel

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall angle T	16-Rp 1/2	28	41	0.212	878 650 260	10	12.30

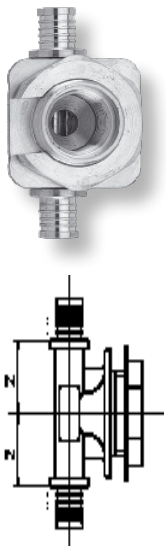
## PRINETO Connection angle for concealed toilet cistern



Special fitting makes it easy to screw in the angle valve outside the cistern, with slotted special nut M 28 for fastening the angle, for connecting plumbing, Nanoflex and Stabil multilayered pipe 16.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle UP S	16-Rp 1/2	25	0.165	878 650 130	10	13.00

## PRINETO Connection tee for concealed toilet cistern

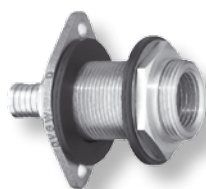


Special fitting makes it easy to screw in the angle valve outside the cistern, for looping through connections without any further tee pieces (e.g. multiple flushing system), with slotted special nut M 28 for fastening the tee, for connecting plumbing, Nanoflex and Stabil multilayered pipe 16.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
T UP-S	16-Rp 1/2-16	24.5	0.19	878 650 140	10	14.25

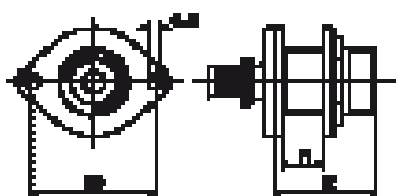


## **PRINETO** Wall bushing with flange, straight



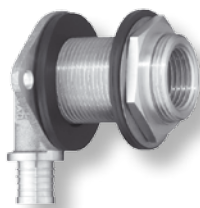
For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayered pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass



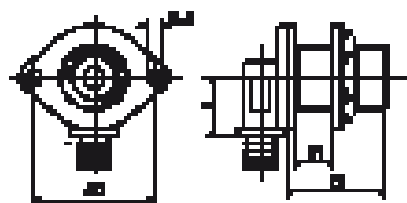
Description	Dimension	l1 mm	l2 mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall bushing	16-Rp 1/2	30	41	0.166	878 650 010	10	13.85

## **PRINETO** Wall bushing with flange, angle



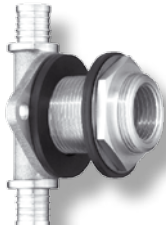
For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayered pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass



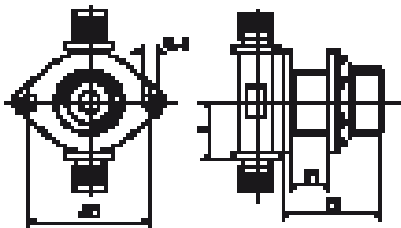
Description	Dimension	z mm	l1 mm	l2 mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall bushing	16-Rp 1/2	26	30	41	0.184	878 650 020	10	13.85
Wall bushing	16-Rp 1/2 short	26	24	35	0.184	878 650 022	10	14.25
Wall bushing	20-Rp 1/2	26.5	30	41	0.214	878 650 030	10	16.00

## PRINETO Wall bushing with flange, tee passage, angle



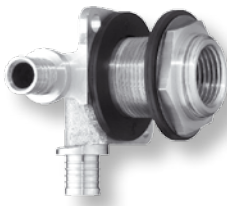
Tee passage for looping through connections without tee pieces. For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayered pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 24 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass



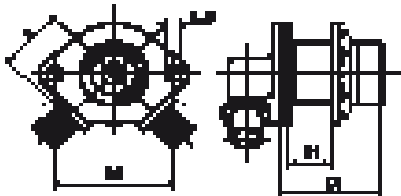
Description	Dimension	z mm	l1 mm	l2 mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall bushing T	16-Rp 1/2-16	26.2	24	35	0.264	878 650 151	10	12.30

## PRINETO Wall bushing with flange, V passage, angle



Angle for looping through connections without tee pieces. For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayered pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass



Description	Dimension	z mm	l1 mm	l2 mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall bushing V	16-Rp 1/2	27	30	41	0.264	878 650 040	5	22.15
Wall bushing V	20-Rp 1/2	27	30	41	0.276	878 650 050	5	23.70
Wall bushing V	16-Rp 1/2 short	27	24	35	0.264	878 650 041	5	15.50

## **PRINETO** Masonry bushing

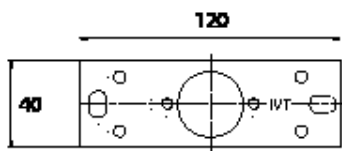


To prevent twisting when installing fittings 1/2" straight out of masonry (e.g. garden tap) with 2 holes each of sizes 5 mm and 7 mm for wall mounting with screws (not included), for heating, plumbing, Nanoflex and Stabil multilayered pipes.

Material: dezincification-resistant brass

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Wall bushing	16-Rp 1/2	0.16	878 650 015	1	7.10
Wall bushing	20-Rp 1/2	0.165	878 650 016	1	9.25

## **PRINETO** Fastening plate for masonry bushing



For mounting masonry bushings with larger contact area (e.g. brick work), with M 5 internal threads and 2 matching screws with cross-slot heads for screwing the masonry bushings in place without nuts.

Dimensions: 120 x 40 x 2 mm

Material: galvanised steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Fastening plate for masonry bushing	0.10	878 650 018	1	2.65

## PRINETO Locking washer for wall bushing with flange



To prevent twisting of all wall bushings on the rear of the wall, prevents transmission of the torsional forces onto the sliding sleeve connection (e.g. when screwing in the fittings).  
Material: galvanised steel, yellow chromated

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Locking washer	0.030	878 650 019	10	2.55

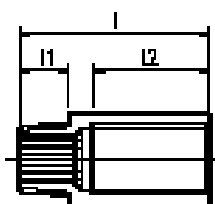
## PRINETO Hexagon nut for wall bushing with flange



Hexagon nut M 28 x 1.5 with flange, extension for wall bushing, to expand the pressure area, then replaces the flat hexagon nut.  
Thread M 28 x 1.5, SW 30  
Material: brass

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Hexagon nut with flange	0.034	878 650 012	1	3.85

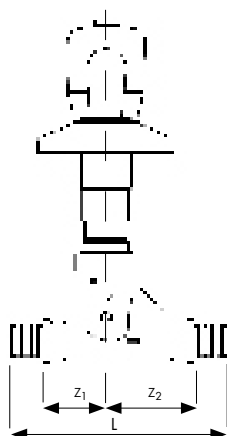
## PRINETO Extension R/Rp 1/2 for wall bushing



For extending wall bushings where walls thicker than 30 mm have to be penetrated, with external thread M 28 x 1.5 for the hexagon nut.  
Material: dezincification-resistant brass

Description	L mm	L1 mm	L2 mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Extension short	57	15	35	0.12	878 641 251	5	9.40
Extension long	90	15	45	0.207	878 641 252	5	14.10

## PRINETO Valve for concealed installation



Maintenance valve with supporting bodies for the direct connection of Nanoflex, plumbing, heating or Stabil multilayered pipes without additional transitions, for use as conduit fittings (e.g. in storey conduits) in public buildings, with changeable valve core, for plumbing and heating installations up to 90°C, pressure level PN 10 (10 bar at 20°C), DVGW-approved, consisting of basic set (basic body with valve core and protective cap) and complete set (concealed installation extension, length of extension between 0-57 mm, chrome rosette, chrome-plated plastic handle with red and blue coloured plates).

Material basic body: dezincification-resistant brass

Material core: brass, refined steel, EPDM

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
UP valve 16	30	35	0.094	0.63	878 680 310	1	44.50
UP valve 20	32.5	45	0.111	0.636	878 680 320	1	48.50
UP valve 25	32.5	45	0.119	0.658	878 680 330	1	50.30

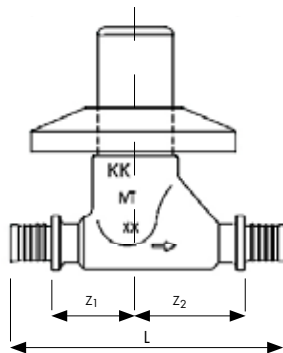
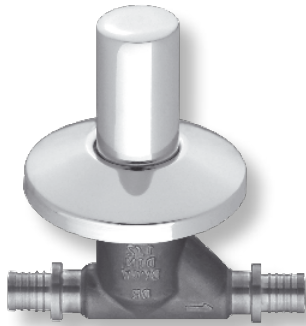
## PRINETO Variable complete set for concealed valves



Ready to install with operating handle, consisting of concealed extension, length of extension 0 to 57 mm, chrome rosette, chrome-plated plastic handle with red and blue coloured plates, installation depths (pipe centre to wall surface): with type 16 valve, variable from 65 mm to 122 mm, with type 20 or 25 valves variable from 73 mm to 130 mm.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Variable complete set for concealed valves	0.25	878 680 039	1	23.50

## PRINETO Valve for concealed installation, design for public buildings



Maintenance valve with supporting bodies for the direct connection of Nanoflex, plumbing, heating or Stabil multilayered pipes without additional transitions, for use as conduit fittings (e.g. in storey conduits) in public buildings, with changeable valve core, for plumbing and heating installations up to 90°C, pressure level PN 10 (10 bar at 20°C), DVGW-approved, consisting of basic set (basic body with valve core and protective cap) and complete set (wing handle, chrome rosette, chrome-plated cover cap).  
Material basic body: dezincification-resistant brass  
Material core: brass, refined steel, EPDM

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
UP valve 16 BM	30	35	94	0.326	878 680 311	1	33.80
UP valve 20 BM	32.5	45	111	0.431	878 680 321	1	37.00
UP valve 25 BM	32.5	45	119	0.448	878 680 331	1	38.70
Extension for design for public buildings				0.12	878 680 037	1	10.70

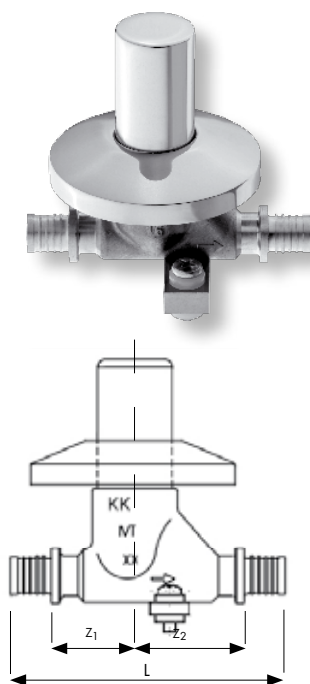
## PRINETO Complete set for concealed valves, design for public buildings



Ready to install in vandal-proof design (for example in public buildings), consisting of wing handle with fastening screw, chrome rosette, chrome-plated cap, installation depths (pipe centre to wall surface): with type 16 valve variable from 26 mm to 58 mm, with type 20 or 25 valves variable from 34 mm to 66 mm.  
Material: brass, chrome-plated

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Complete set for concealed valves, design for public buildings	0.25	878 680 038	1	13.20

## **PRINETO** Valve for concealed installation with mounting strap, design for public buildings



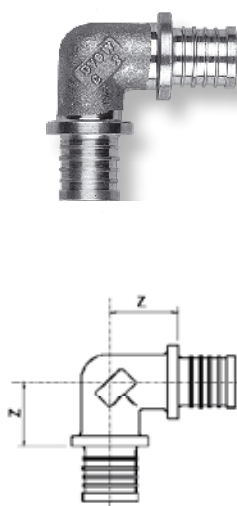
Application analogue art.-no. 878 680 311, consisting of basic set (basic body with mounting strap, valve core and protective cap) and complete set (wing handle, chrome rosette, chrome-plated cap), mounting strap with M 5 screws and polyamide insulation washers for sound-insulated mounting on all **PRINETO** holders.

Material basic body: dezincification-resistant brass

Material core: brass, refined steel, EPDM

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
UP valve 16 BM	30	35	94	0.361	878 680 312	1	38.60
UP valve 20 BM	32.5	45	111	0.466	878 680 322	1	48.30

## **PRINETO** Angle 90°



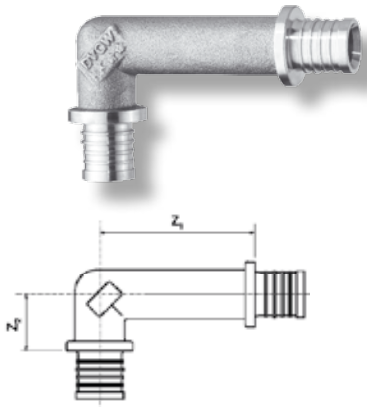
For connecting heating, plumbing, Nanoflex and Stabil multilayered pipes (angle 14 for Nanoflex, surface heating and Stabil multilayered pipes).

Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle	14	18	0.046	878 674 033	10	4.80
Angle	16	18	0.046	878 674 110	10	5.50
Angle	20	21	0.076	878 674 220	10	6.45
Angle	25	25.5	0.136	878 674 330	10	9.15
Angle	32	30	0.232	878 674 440	5	13.80
Angle	40	43	0.448	878 674 550	1	24.35
Angle	50	48	0.706	878 674 660	1	38.30
Angle	63	58.5	1.159	878 674 770	1	50.70



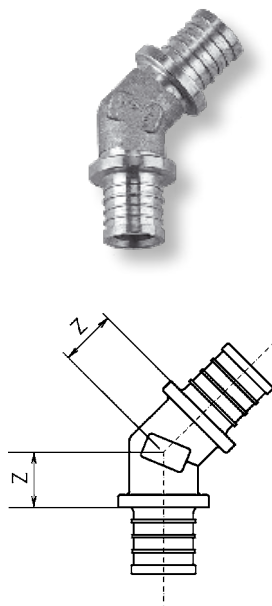
## PRINETO Asymmetric angle 16



For connecting heating, plumbing, Nanoflex and Stabil multilayered pipes 16.  
Material: dezincification-resistant brass

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Asymmetric bracket 16	48	18	0.070	878 674 111	50	9.50

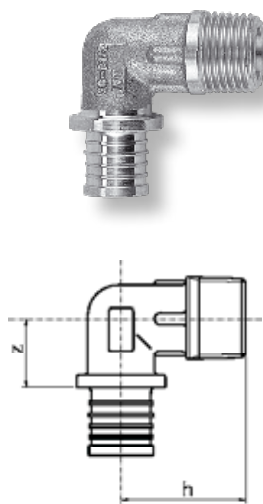
## PRINETO Angle 45°



For connecting heating, plumbing, Nanoflex and Stabil pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle 45°	16	18	0.048	878 675 110	10	8.20
Angle 45°	20	17	0.070	878 675 220	10	9.10
Angle 45°	25	18	0.114	878 675 330	10	11.75
Angle 45°	32	18	0.182	878 675 440	5	15.80
Angle 45°	40	24	0.352	878 675 550	1	26.00
Angle 45°	50	30	0.554	878 675 660	1	35.80
Angle 45°	63	35.5	0.902	878 675 770	1	50.00

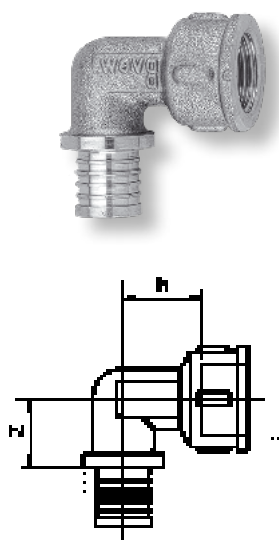
## **PRINETO** Angle transition with external thread



Angle transition with external R-thread for angle connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with internal Rp-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle transition	16-R 1/2	18	34	0.068	878 674 150	10	5.85
Angle transition	20-R 1/2	20	36.5	0.086	878 674 250	10	6.75
Angle transition	20-R 3/4	20	38	0.102	878 674 260	10	7.30
Angle transition	25-R 3/4	23	41	0.142	878 674 360	10	12.80
Angle transition	32-R 3/4	26	50	0.23	878 674 460	5	15.60
Angle transition	32-R 1	26.5	52	0.252	878 674 470	5	18.00
Angle transition	40-R 1 1/4	39.5	63	0.47	878 674 580	1	29.20
Angle transition	50-R 1 1/4	43	70	0.60	878 674 680	1	39.90

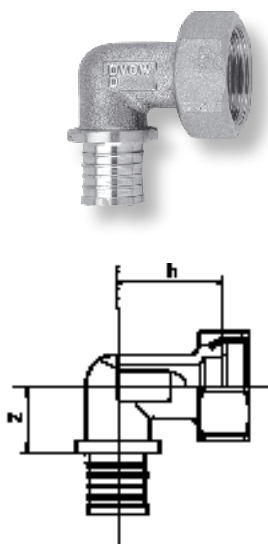
## **PRINETO** Angle transition with internal thread



For angle connecting heating, plumbing, Nanoflex or Stabil multilayered pipes to components with external R-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle transition	16-Rp 1/2	17	21	0.082	878 672 150	10	5.85
Angle transition	16-Rp 3/4	17	21	0.082	878 672 160	10	7.20
Angle transition	20-Rp 1/2	19	22.5	0.102	878 672 250	10	6.90
Angle transition	20-Rp 3/4	19	25	0.126	878 672 260	10	8.65
Angle transition	25-Rp 3/4	22.5	27.5	0.17	878 672 360	10	12.80
Angle transition	25-Rp 1	25.5	32	0.19	878 672 370	10	13.50
Angle transition	32-Rp 3/4	25.5	30	0.22	878 672 460	5	15.60
Angle transition	32-Rp 1	25.6	32	0.268	878 672 470	5	18.00

## PRINETO Angle transition with union nut



For the detachable angle connection of heating, plumbing, Nanoflex or Stabil multilayered pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW. Angle 14 for Nanoflex and Stabil multilayered pipes only.

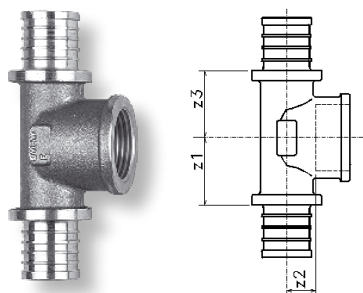
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle transition	14-G 1/2	21	32	0.045	878 673 050	10	10.00
Angle transition	16-G 3/4	21	32	0.125	878 673 160	10	9.70
Angle transition	20-G 3/4	22	32	0.125	878 673 260	10	10.00
Angle transition	25-G 1	22	32.5	0.188	878 673 370	5	13.40
Angle transition	32-G 1 1/2	25	45	0.338	878 673 490	5	20.00

## PRINETO Tee with inner threaded outlet

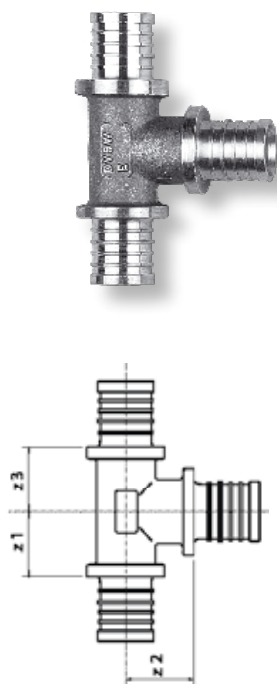
For dividing or merging the flow in heating, plumbing, Nanoflex or Stabil multilayered pipes, (from size 40 for Stabil multilayered pipes only), outlet with internal Rp-thread (e.g. for crossing distribution pipes with slight height offset – in conjunction with angle transitions with external R-thread).

Material: dezincification-resistant brass



Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	16-Rp 1/2-16	23	9	23	0.090	878 662 151	5	9.30
Tee	20-Rp 1/2-20	24	10	24	0.118	878 662 252	5	10.10
Tee	20-Rp 3/4-20	26	10	26	0.142	878 662 262	5	14.20
Tee	25-Rp 1/2-25	26	11	26	0.172	878 662 353	5	13.90
Tee	25-Rp 3/4-25	27	10.5	27	0.196	878 662 363	5	13.90
Tee	25-Rp 1-25	32	10	32	0.240	878 662 373	5	14.80
Tee	32-Rp 1/2-32	26	13	26	0.248	878 662 454	5	16.70
Tee	32-Rp 3/4-32	27.5	14.5	27.5	0.32	878 662 464	5	18.80
Tee	32-Rp 1-32	31.5	12	31.5	0.338	878 662 474	5	19.30
Tee	40-Rp 3/4-40	34	20	34	0.54	878 662 595	1	30.10
Tee	40-Rp 1 1/4-40	43	20	43	0.654	878 662 585	1	40.50
Tee	50-Rp 3/4-50	36.5	23	36.5	0.69	878 662 666	1	38.70
Tee	50-Rp 1-50	41	21	41	0.724	878 662 696	1	38.70
Tee	50-Rp 1 1/4-50	48	21	48	0.862	878 662 686	1	50.90
Tee	63-Rp 3/4-63	39	46	39	0.944	878 662 767	1	50.90
Tee	63-Rp 1 1/4-63	48	49.5	48	1.425	878 662 787	1	50.90

## PRINETO Tee



For dividing or merging the flows. All connections for plumbing, heating, Nanoflex and Stabil multilayered pipes (from size 40 for Stabil multilayered pipes only, tees size 14 for Nanoflex, surface heating and Stabil multilayered pipes only).

Material: dezincification-resistant brass

Description	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	14	16	18	16	0.052	878 660 000	10	5.30
Tee	16-14-14	16	18	16	0.054	878 660 100	10	5.45
Tee	16-14-16	16	18	16	0.058	878 660 101	10	5.45
Tee	16	16	18.5	16	0.062	878 660 111	10	6.00
Tee	16-20-16	17.5	19	17.5	0.078	878 660 121	10	6.35
Tee	16-25-16	21	21	21	0.108	878 660 131	10	9.15
Tee	20-14-20	16.5	19	16.5	0.075	878 660 202	10	5.92
Tee	20-16-16	16.5	21.5	16.5	0.076	878 660 211	10	6.35
Tee	20-16-20	16.5	20	16.5	0.086	878 660 212	10	6.65
Tee	20-20-16	18	21	16.5	0.092	878 660 221	10	6.65
Tee	20	18	21	18	0.098	878 660 222	10	6.90
Tee	20-25-20	20.5	22	20.5	0.124	878 660 232	10	7.50
Tee	25-16-16	18	24	17.5	0.106	878 660 311	10	7.60
Tee	25-16-20	18	24	18	0.114	878 660 312	10	8.15
Tee	25-16-25	17.5	24.5	19	0.13	878 660 313	10	8.15
Tee	25-20-16	20	24	17	0.122	878 660 321	10	8.15
Tee	25-20-20	19	25	18	0.126	878 660 322	10	8.00
Tee	25-20-25	19	25	21	0.148	878 660 323	10	8.00
Tee	25-25-16	22	25	18	0.15	878 660 331	10	8.25
Tee	25-25-20	22	25	20	0.158	878 660 332	10	8.25
Tee	25	21.5	25.5	21.5	0.17	878 660 333	10	8.00
Tee	25-32-25	24	26	24	0.22	878 660 343	5	16.65
Tee	32-16-32	18	28.5	18	0.198	878 660 414	5	17.40
Tee	32-20-25	20.5	29	20	0.195	878 660 423	5	16.55
Tee	32-20-32	19.5	29	19.5	0.218	878 660 424	5	16.55
Tee	32-25-20	22.5	30	21.5	0.208	878 660 432	5	16.55
Tee	32-25-25	22	29.5	20	0.224	878 660 433	5	16.55
Tee	32-25-32	22	29.5	21.5	0.256	878 660 434	5	16.75
Tee	32	24.5	30	24.5	0.294	878 660 444	5	16.75
Tee	40-16-40	28	34.5	28	0.395	878 660 515	1	29.45
Tee	40-20-40	28	35	28	0.41	878 660 525	1	29.45
Tee	40-25-40	29	33.5	29	0.468	878 660 535	1	31.50
Tee	40-32-32	31	40	36	0.426	878 660 544	1	28.20
Tee	40-32-40	31	38	31	0.478	878 660 545	1	29.85
Tee	40	37	43	37	0.634	878 660 555	1	31.50

## PRINETO Tee continued

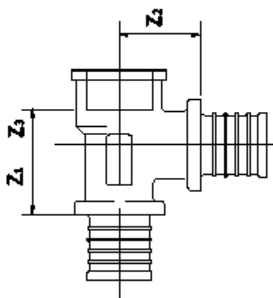
Description	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	50-16-50	30	40.5	30	0.584	878 660 616	1	39.30
Tee	50-20-50	30	41	30	0.594	878 660 626	1	39.30
Tee	50-25-50	31.5	39.5	31.5	0.61	878 660 636	1	39.90
Tee	50-32-50	35.5	40.5	35.5	0.69	878 660 646	1	39.90
Tee	50-40-40	40	48	36	0.726	878 660 655	1	39.30
Tee	50-40-50	40	48	40	0.794	878 660 656	1	39.30
Tee	50	45	50	45	0.918	878 660 666	1	39.30
Tee	63-50-50	57.5	55.5	53.5	1.112	878 660 766	1	53.60
Tee	63-50-63	51.5	57.5	51.5	1.286	878 660 767	1	53.60
Tee	63	51.5	58.5	51.5	1.39	878 660 777	1	53.60

## PRINETO Tee with inner threaded passage

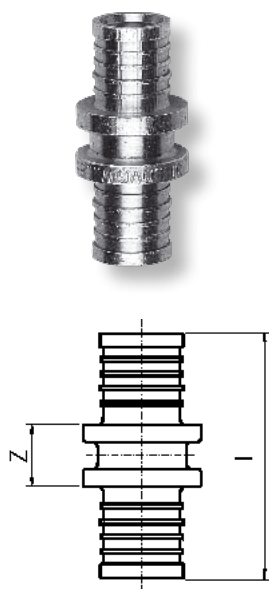


For dividing or merging flows or as an angle for fitting to air bleed valves or feed or drain valves on a connecting pipe, passage with internal Rp-thread.  
Material: dezincification-resistant brass

Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tee	25-25-Rp 1/2	22	25.5	11	0.18	878 662 335	5	14.00
Tee	32-32-Rp 1/2	31	31	14	0.25	878 662 445	5	16.70
Tee	40-40-Rp 3/4	37	43	20	0.61	878 662 556	1	31.50
Tee	50-50-Rp 1	45	50	23	0.86	878 662 667	1	39.50



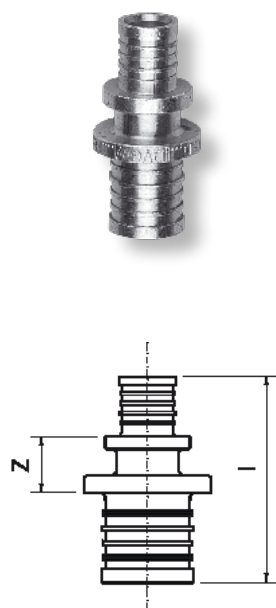
## PRINETO Coupler



For connecting heating, plumbing, Nanoflex and Stabil multilayered pipes (coupler 14 for surface heating and Stabil multilayered pipes only).  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Coupler	14	12	38	0.020	878 640 000	10	3.40
Coupler	16	12	40	0.028	878 640 110	10	4.10
Coupler	20	13	47	0.046	878 640 220	10	5.15
Coupler	25	14.5	57	0.079	878 640 330	10	7.00
Coupler	32	16	68	0.13	878 640 440	5	10.50
Coupler	40	27	90	0.274	878 640 550	1	21.50
Coupler	50	30	97	0.408	878 640 660	1	22.70
Coupler	63	34	105	0.656	878 640 770	1	40.50

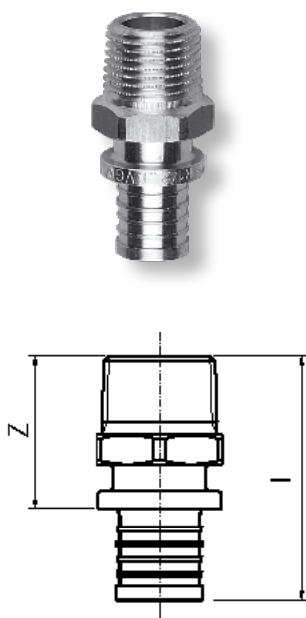
## PRINETO Reducing coupler



For connecting heating, plumbing, Nanoflex and Stabil multilayered pipes (reducing coupler 16-14 for surface heating, Nanoflex and Stabil multilayered pipes only).  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Reducing coupler	16-14	12	39	0.024	878 640 190	10	3.90
Reducing coupler	20-16	12	44	0.038	878 640 210	10	4.90
Reducing coupler	25-16	13	49	0.054	878 640 310	10	7.10
Reducing coupler	25-20	14	52	0.064	878 640 320	10	7.10
Reducing coupler	32-25	15	62	0.108	878 640 430	10	10.50
Reducing coupler	40-32	23	80	0.222	878 640 540	5	21.60
Reducing coupler	50-25	28	90	0.31	878 640 630	1	22.50
Reducing coupler	50-40	28	94	0.346	878 640 650	1	22.70
Reducing coupler	63-40	33	99	0.50	878 640 750	1	40.00
Reducing coupler	63-50	33	102	0.535	878 640 760	1	40.50

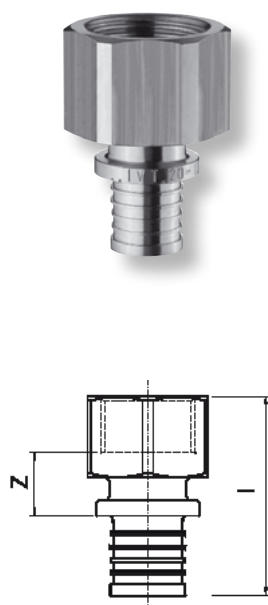
## PRINETO Transition with external thread



Transition with external R-thread for connecting heating, plumbing, Nanoflex or Stabil multilayered pipes (transition 14-R 1/2 for surface heating, Nanoflex and Stabil multilayered pipes only) to components with internal Rp-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	14-R 1/2	32	45	0.050	878 641 050	10	4.95
Transition	16-R 1/2	32	46	0.052	878 641 150	10	5.65
Transition	16-R 3/4	34	48	0.080	878 641 160	10	5.95
Transition	20-R 1/2	32.5	49.5	0.070	878 641 250	10	6.25
Transition	20-R 3/4	34.5	51.5	0.090	878 641 260	10	7.10
Transition	25-R 3/4	35.5	56.5	0.11	878 641 360	10	7.60
Transition	25-R 1	37.5	58.5	0.16	878 641 370	5	8.65
Transition	25-R 1 1/4	42.5	63.5	0.208	878 641 380	1	23.90
Transition	32-R 3/4	36	62	0.154	878 641 460	1	11.05
Transition	32-R 1	38	64	0.182	878 641 470	1	11.05
Transition	32-R 1 1/4	43	69	0.236	878 641 480	1	24.45
Transition	32-R 1 1/2	43	69	0.274	878 641 490	1	24.85
Transition	40-R 1 1/4	52	84	0.328	878 641 580	1	24.45
Transition	50-R 1 1/2	54	88	0.434	878 641 690	1	24.85
Transition	63-R 2	61.5	97	0.729	878 641 710	1	40.00

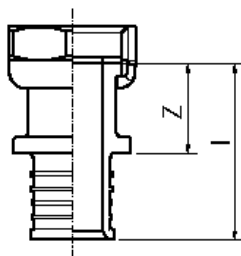
## PRINETO Transition with internal thread



Transition with internal Rp-thread. For connecting heating, plumbing, Nanoflex or Stabil multilayered pipes (transition 14-Rp 1/2 for surface heating, Nanoflex and Stabil multilayered pipes only) to components with internal R-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	14-Rp 1/2	12	42	0.070	878 642 050	10	5.60
Transition	16-Rp 1/2	12	43	0.078	878 642 150	10	6.05
Transition	16-Rp 3/4	12	45	0.11	878 642 160	10	7.15
Transition	20-Rp 1/2	13	47	0.088	878 642 250	10	6.45
Transition	20-Rp 3/4	13	49	0.122	878 642 260	10	7.50
Transition	25-Rp 3/4	14	54	0.138	878 642 360	10	8.00
Transition	25-Rp 1	14	58	0.22	878 642 370	5	11.40
Transition	32-Rp 3/4	14.5	59.5	0.194	878 642 460	5	10.70
Transition	32-Rp 1	15.5	64.5	0.252	878 642 470	5	11.65
Transition	40-Rp 1 1/4	25	80.5	0.358	878 642 580	1	25.60
Transition	50-Rp 1 1/2	34	92	0.45	878 642 690	1	27.25
Transition	63-Rp 2	34	93	0.729	878 642 710	1	42.75

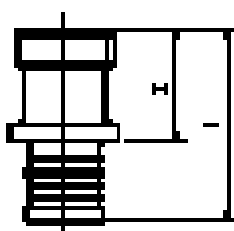
## PRINETO Transition with union nut



For the detachable connection of heating, plumbing, Nanoflex or Stabil multilayered pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	16-G 1/2	20	34	0.054	878 640 010	10	6.10
Transition	16-G 3/4	15	29	0.066	878 643 030	10	7.40
Transition	20-G 1/2	21	38	0.060	878 640 020	10	7.15
Transition	20-G 3/4	22	39	0.098	878 640 030	10	7.70
Transition	25-G 3/4	23	43	0.112	878 640 040	10	13.20
Transition	25-G 1	17	38	0.132	878 640 080	5	15.90
Transition	32-G 1	26	51	0.158	878 640 050	5	19.20
Transition	32-G 1 1/4	29	55	0.226	878 640 060	5	19.80
Transition	32-G 1 1/2	29	55	0.252	878 640 070	5	21.50
Transition	40-G 1 1/4	34.5	66	0.334	878 643 580	1	28.20
Transition	40-G 1 1/2	34.5	66	0.368	878 643 590	1	28.70
Transition	50-G 1 3/4	35.5	69	0.49	878 643 600	1	29.90
Transition	63-G 1 3/4	36.5	72	0.715	878 643 700	1	51.00
Transition	63-G 2 3/8	46.5	82	0.79	878 643 730	1	54.50

## PRINETO Screw-in part

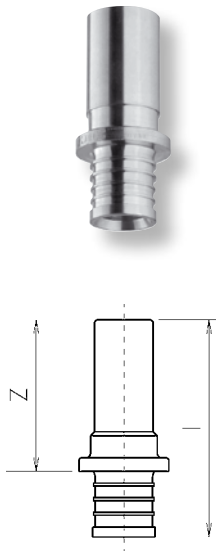


For the detachable connection of heating, plumbing, Nanoflex and Stabil multilayered pipes to flat-sealing components with G-union nut.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Screw-in part	16-G 1/2	23	37	0.036	878 643 159	10	4.40
Screw-in part	20-G 1/2	23.5	40.5	0.046	878 643 259	10	4.80
Screw-in part	20-G 3/4	23.5	40.5	0.054	878 643 269	10	5.85
Screw-in part	25-G 3/4	24	45	0.072	878 643 369	10	6.40
Screw-in part	25-G 1	26	47	0.094	878 643 379	10	8.80
Screw-in part	32-G 1	27	53	0.126	878 643 479	5	10.20
Screw-in part	32-G 1 1/4	28	54	0.156	878 643 489	5	15.50
Screw-in part	32-G 1 1/2	29	55	0.19	878 643 499	5	17.00



## PRINETO Transition with soldering nipple



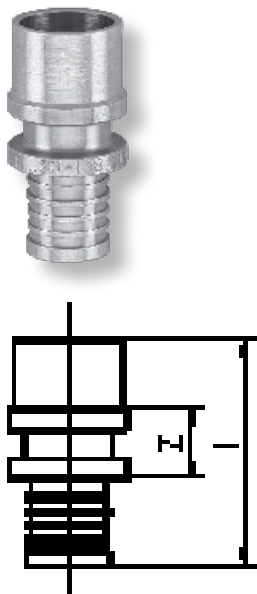
System transition from heating, plumbing and Nanoflex or Stabil multilayered pipe (transition 14-S 15 for surface heating, Nanoflex and Stabil multilayered pipes only) to insertion end, for soft soldering in copper fittings in accordance with DIN 2856 or for screw connection with flexible sealing.  
Material: dezincification-resistant brass

### Note:

First solder, then press!

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition w. s. nipple	14-S 15	34	47	0.020	878 343 091	10	3.91
Transition w. s. nipple	16-S 15	34	48	0.024	878 343 191	10	3.55
Transition w. s. nipple	20-S 18	34.5	51	0.035	878 343 291	10	3.95
Transition w. s. nipple	20-S 22	36.5	53.5	0.040	878 343 295	10	4.60
Transition w. s. nipple	25-S 22	36.5	57.5	0.057	878 343 391	5	4.80
Transition w. s. nipple	32-S 28	39	65	0.104	878 343 491	5	7.20

## PRINETO Transition with soldering socket



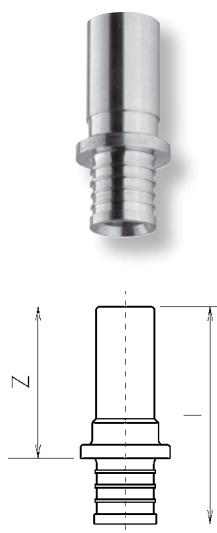
System transition from plumbing, heating, Nanoflex or Stabil multilayered pipe (transition 14-M 15 for surface heating, Nanoflex and Stabil multilayered pipes only) to copper pipe in accordance with DIN EN 1057, for soft soldering.  
Material: dezincification-resistant brass

### Note:

First solder, then press!

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition w. s. nipple	14-M 15	13	38	0.028	878 343 090	10	3.85
Transition w. s. nipple	16-M 15	12	38	0.030	878 343 190	10	3.95
Transition w. s. nipple	20-M 18	12.5	43.5	0.046	878 343 290	10	5.70
Transition w. s. nipple	20-M 22	13	47	0.056	878 643 295	10	7.20
Transition w. s. nipple	25-M 22	14	52	0.074	878 343 390	10	8.20
Transition w. s. nipple	32-M 28	15	61	0.126	878 343 490	5	11.30

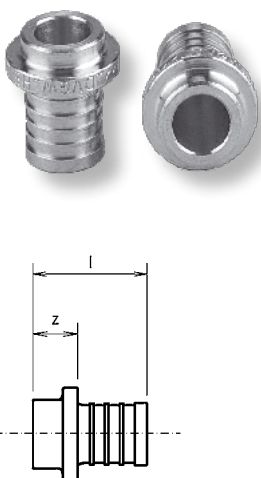
## **PRINETO** Transition for radial pressing



System transition from heating, plumbing and Nanoflex or Stabil multilayered pipe to insertion end (transition 14-P 15 for surface heating, Nanoflex and Stabil multilayered pipes only), for radial pressing in fittings (external diameter of insertion end of fittings such as precision steel pipes in accordance with EN ISO 1127 or DIN 2391 T1 and DIN 2394 T1).  
Material: V4A stainless steel

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Press-type transition	14-P 15	38	51	0.026	878 643 090	10	8.10
Press-type transition	16-P 15	38	52	0.029	878 643 190	10	8.40
Press-type transition	20-P 18	38.5	55.5	0.042	878 643 290	10	9.90
Press-type transition	25-P 22	40.5	61.5	0.062	878 643 390	5	14.40
Press-type transition	32-P 28	43	69	0.102	878 643 490	5	14.70

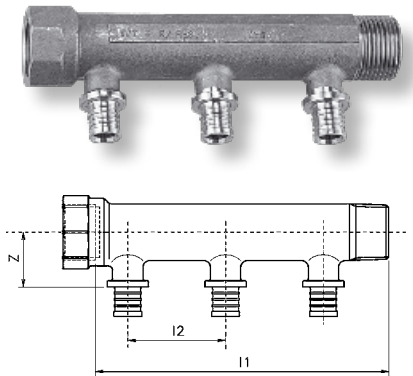
## **PRINETO** Blind plug



For sealing open pipe ends.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Blind plug	16	7	21	0.016	878 343 150	10	2.90
Blind plug	20	7.5	25	0.026	878 343 160	10	3.75
Blind plug	25	8.5	30	0.050	878 643 170	5	4.75
Blind plug	32	9	35	0.058	878 643 180	5	7.20

## PRINETO Distribution manifold



For connecting several single ducts to one distribution duct (in conjunction with transition with internal or external thread), sliding sleeve connection for heating, plumbing, Nanoflex and Stabil multilayered pipe (distributor 14 for surface heating, Nanoflex and Stabil multilayered pipe only), with connection threads R 3/4 and Rp 3/4 – allowing them to be coupled or extended, closed by plug or cap (878 681 600 or 878 682 600).

Material: dezincification-resistant brass

Description	Dimension	l1 mm	l2 mm	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Distribution manifold	R/Rp 3/4-2 x 14	90	45	26	0.255	878 669 020	1	14.20
Distribution manifold	R/Rp 3/4-3 x 14	135	45	26	0.405	878 669 030	1	18.40
Distribution manifold	R/Rp 3/4-2 x 16	90	45	26	0.272	878 669 120	1	17.50
Distribution manifold	R/Rp 3/4-3 x 16	135	45	26	0.42	878 669 130	1	22.30
Distribution manifold	R/Rp 3/4-2 x 20	90	45	26	0.30	878 669 220	1	19.30
Distribution manifold	R/Rp 3/4-3 x 20	135	45	26	0.428	878 669 230	1	23.50

## PRINETO Cap and plug for distribution manifold

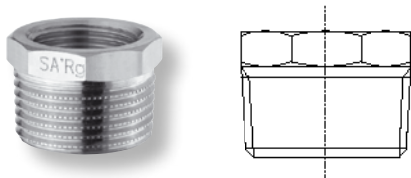


Cap Rp 3/4. For sealing external R 3/4 threads (e.g. on distribution manifolds).  
Material: dezincification-resistant brass

Plug Rp 3/4. For sealing internal R 3/4 threads (e.g. on distribution manifolds).  
Material: dezincification-resistant brass

Description	Dimension	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Cap	Rp 3/4	21.5	0.090	878 682 600	10	3.50
Plug	R 3/4	25.5	0.080	878 681 600	10	3.95

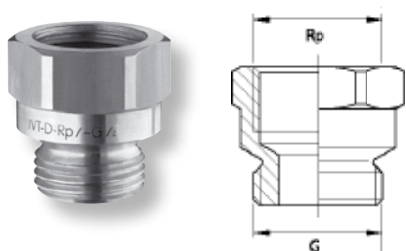
## PRINETO Transition R-Rp



Internal Rp-thread reduction of components (e.g. crossing with 32 from 40 conduit with angle transition 32-R1).  
Material: red brass

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	R 1-Rp 3/4	0.076	878 386 091	1	3.00
Transition	R 1 1/4-Rp 1	0.142	878 386 090	1	4.50

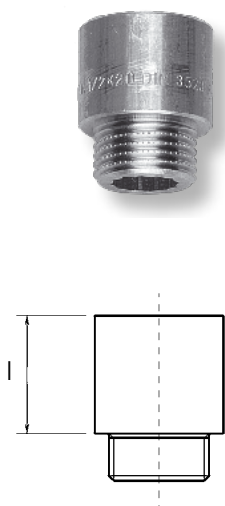
## PRINETO Transition Rp-G



For the transition of external R-threads (e.g. steel pipes) to detachable screw connections with flat-sealing union nut.  
Material: dezincification-resistant brass

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	Rp 1/2-G 1/2 AG	0.068	878 643 055	2	5.60
Transition	Rp 3/4-G 3/4 AG	0.093	878 643 066	2	7.40
Transition	Rp 1-G 3/4 AG	0.132	878 643 076	2	9.60
Transition	Rp 1-G 1 AG	0.153	878 643 077	2	11.30
Transition	Rp 1-G 1 1/2 AG	0.173	878 643 079	2	12.20

## PRINETO Tap extension

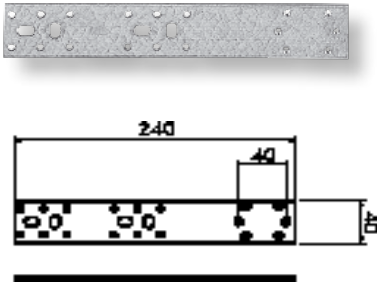


In accordance with DIN 3523 to meet advanced requirements in sanitary installations for preventing stress corrosion cracking.

Application: to extend internal pipe threads positioned in the wall for connecting valves, taps, and appliances in drinking water installation.  
Material: dezincification-resistant brass

Description	Dimension	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tap extension	G 1/2 x 15	15	0.054	878 680 005	10	1.95
Tap extension	G 1/2 x 20	20	0.066	878 680 006	10	2.50
Tap extension	G 1/2 x 25	25	0.072	878 680 007	10	2.90
Tap extension	G 1/2 x 30	30	0.090	878 680 008	10	3.30
Tap extension	G 1/2 x 40	40	0.116	878 641 254	5	7.20
Tap extension	G 1/2 x 50	50	0.138	878 641 255	5	7.95

## PRINETO Holder for wall angle, straight



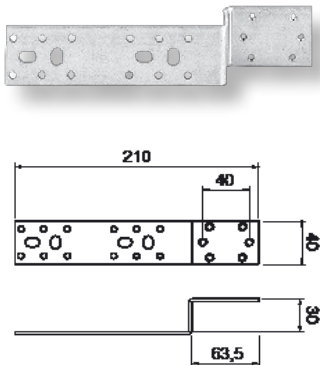
Holder for single wall angle, straight. For the sound-insulated mounting of a single wall angle without depth offset (e.g. urinal), with M 5 internal threads for screwing the wall angle in various positions without a nut, wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder for wall angle, straight	0.202	878 680 041	10	2.25

## PRINETO Holder for wall angle, stepped



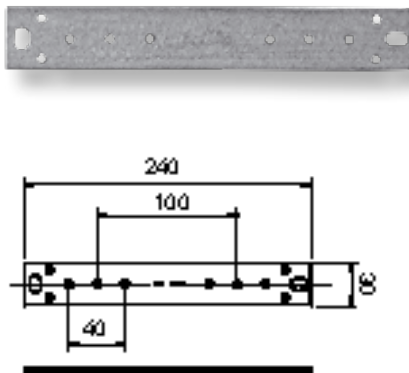
Holder for single wall angle, stepped. For the sound-insulated mounting of a single wall angle with depth offset (e.g. garden tap), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder for wall angle, stepped	0.198	878 680 042	10	2.50

## PRINETO Holder with gauge size 100 mm, straight



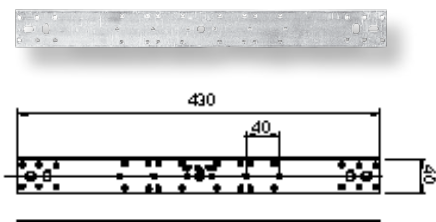
For the sound-insulated mounting of 2 wall angles without depth offset, gauge size 100 mm (e.g. for connecting electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angles in place without a nut, wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, straight	100	0.132	878 680 044	10	3.20

### **PRINETO** Holder with gauge size 70/150 mm, straight



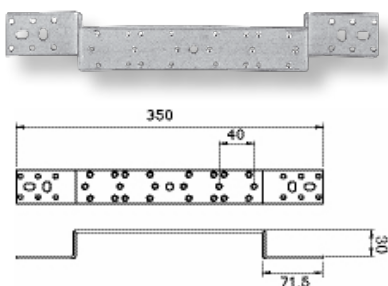
For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 70 mm (e.g. washstand with half column) – 110 mm (e.g. kitchen sink) – 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, straight	70/150	0.354	878 680 049	10	5.90

### **PRINETO** Holder with gauge size 70/150 mm, stepped



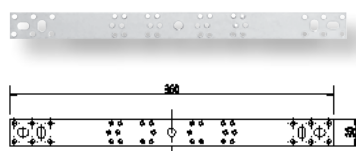
For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 70 mm (e.g. washstand with half column) – 110 mm (e.g. kitchen sink) – 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, stepped	70/150	0.362	878 680 050	10	6.10

### **PRINETO** Holder with gauge size 80/100 mm, straight



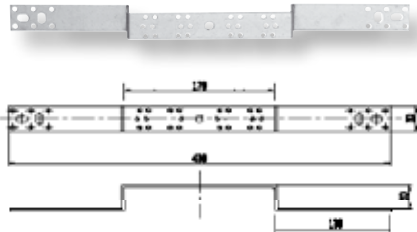
For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 80 mm (e.g. washstand with half column) and 100 mm (e.g. connection of electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, straight	80/100	0,60	878 680 051	10	5.10

## PRINETO Holder with gauge size 80/100 mm, stepped



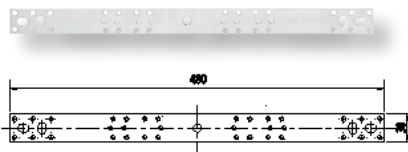
For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 80 mm (e.g. washstand with half column) and 100 mm (e.g. connection of electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, stepped	80/100	0.21	878 680 055	10	5.30

## PRINETO Holder with gauge size 120/150 mm, straight



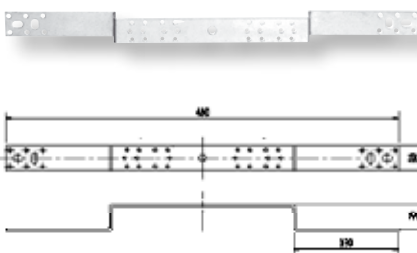
For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 120 mm (e.g. kitchen sink) and 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, straight	120/150	0.18	878 680 052	10	5.50

## PRINETO Holder with gauge size 120/150 mm, stepped



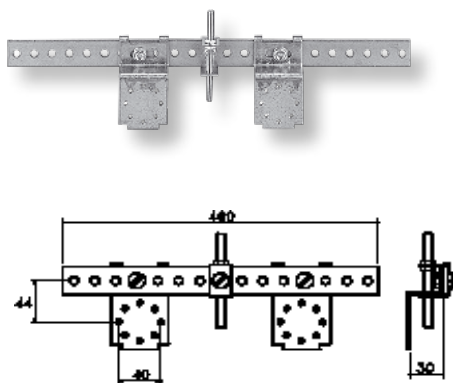
For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 120 mm (e.g. kitchen sink) and 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, stepped	120/150	0.73	878 680 056	10	5.70

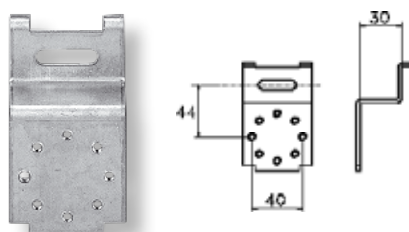
**PRINETO** Holder with adjustable gauge size  
from 80 mm to 400 mm



Perforated strip steel with movable holder Z-parts for fixing wall angles in various positions (can be turned through 45°) and spacings, and with U-part with threaded rod M 8 x 100 for fixing a drainpipe clamp (on site), can be extended for further wall angles by adding Z-parts.  
Material: partial galvanised steel

Description	Dimensions mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder, adjustable	80/400	0.66	878 680 060	5	14.80

**PRINETO** Z-part



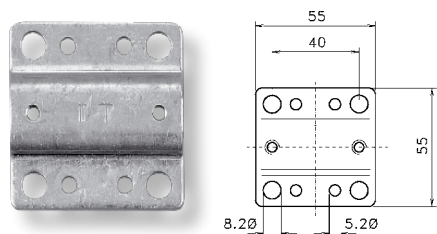
For fixing wall angles in various positions (can be turned through 45°) and spacings on supporting rails for plasterboard installation systems, and as supplement to holder with adjustable gauge size from 80 to 400 mm, with threaded holes M 5 for wall angle and long hole 8 x 30 mm.

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Z-part for holder 80/400	0.134	878 680 070	10	3.00

**PRINETO** Holder plate for wall angle



For the sound-insulated 4-point mounting of a single wall angle (e.g. washing machine AP), wall mounting with 5 mm or 8 mm screws as required (not included, 55 mm square, with M 5 internal threads for screwing the wall angle in place without a nut).

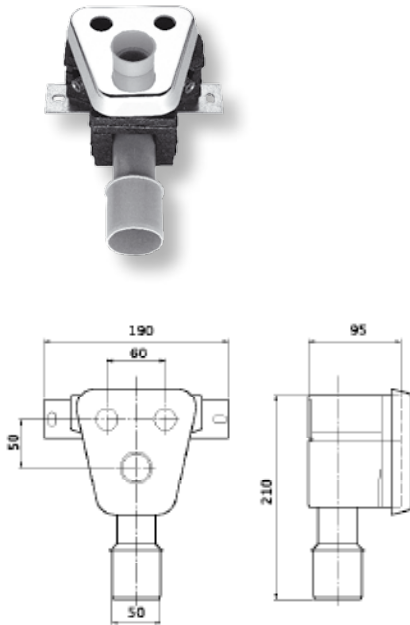
Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Holder-plate for wall angle	0.062	878 680 043	10	2.50



## PRINETO Sanibox UP with siphon angle

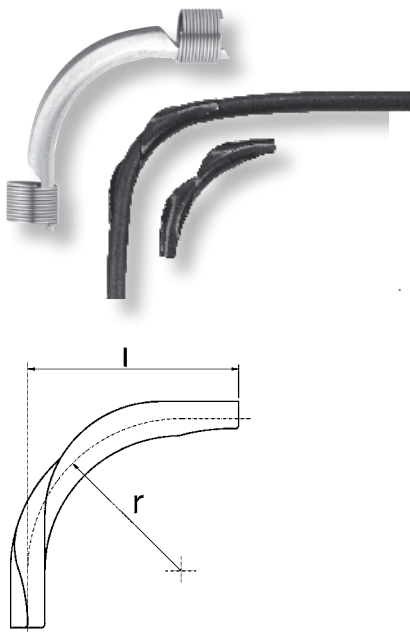


Extremely compact, pre-assembled heat and sound-insulated unit for washstand connection with gauge size 60 mm (ideally below half column) inc. wastewater connection, for plumbing, Nanoflex and Stabil multilayered pipes 16, only 2 drillings – pipes fixed – that's it! Perfect for plasterboard installations, consisting of: 2 wall angles 16-Rp 1/2, 1 holder, siphon angle 40/50 mm (to HT 50) with universal H nipple 50 x 30 and odour cover cap, insulating block, chrome-plated cover rosette.

Material: dezincification-resistant brass, galvanised steel, extruded polypropylene, PVC, rubber

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sanibox UP with siphon angle 40/50	0.73	878 659 020	1	50.20

## PRINETO Curved pipe guide



For stabilizing 90° bends of flexible Nanoflex, plumbing, and heating pipes. Material: steel, browned

Description	Dimension	l mm	r mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Curved pipe guide	16	85	72	0.044	878 681 100	10	2.10
Curved pipe guide	20	110	90	0.078	878 681 200	10	3.10
Curved pipe guide	25	118	82	0.142	878 681 300	5	3.65

## **PRINETO** Fittings case



Sturdy fittings case with 3 handles for the building site, for the clearly organised storage and transportation of the most important fittings 16 and 20, as well as the sliding sleeves 16 and 20, partitioned into 18 plastic compartments filled with fittings, 9 additional partitions for further subdivision to a maximum of 27 compartments are enclosed.

Dimensions: 580 x 405 x 125 mm

Material: galvanised sheet steel

### Contains:

- 100 sliding sleeves 16
- 100 sliding sleeves 20
- 10 wall angles short 16-Rp 1/2
- 10 angle transitions with internal thread 16-Rp 1/2
- 10 angle transitions with external thread 16-R 1/2
- 10 transitions with internal thread 16-Rp 1/2
- 10 transitions with external thread 16-R 1/2
- 10 transitions with external thread 20-R 3/4
- 10 couplers 16
- 10 couplers 20
- 10 angles 16
- 10 angles 20
- 10 tees 16
- 10 tees 20
- 10 tees 16-20-16
- 10 tees 20-16-16
- 10 tees 20-16-20
- 10 tees 20-20-16

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Fittings case 16-20 "Stabil", filled	25.10	878 900 001	1	1,149.00
Fittings case 16-20 "Nanoflex", filled	25.10	878 900 005	1	1,149.00

## **PRINETO** Fittings case, empty



Sturdy fittings case with 3 handles for the building site, for the clearly organised storage and transportation of the most important fittings and sliding sleeves (or for screws and dowels, for example), partitioned into 9 plastic compartments and with 18 additional partitions for further subdivision to a maximum of 27 compartments.

Dimensions: 580 x 405 x 125 mm

Material: galvanised sheet steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Fitting case empty	9.50	878 900 000	1	182.00

## Heating installation accessories

The **PRINETO** heating installation system is an extension to the range covered by the drinking pipework system. It is based on the same range of fittings as used there, and is extended by special brass fittings for connecting to radiators. The EVOH-jacketed **PRINETO** heating pipes (red), the specially flexible **PRINETO** Nanoflex universal pipes (stainless-steel coloured) and **PRINETO** Stabil multilayered pipes (white) can be used for heating installation. **PRINETO** Stabil multilayered pipes and **PRINETO** Nanoflex pipes are completely oxygen-tight. **PRINETO** heating pipes (red) are oxygen-tight in accordance with DIN 4726.

**According to DIN 16893**, **PRINETO** heating pipes correspond with the pipe series S 3.2 (from size Stabil 40 DVGW W 542) with pressure stage PN 20. Taking a feed temperature of 70°C, this corresponds with an

operating pressure in excess of atmospheric of 10 bar for an operating duration of 50 years, with a safety factor of 1.5 (application class 4 and 5 in accordance with DIN EN ISO 15875). The **PRINETO** heating installation system extends to the nominal sizes DN 10, 12, 15, 20, 25, 32, 40 and 50.

The **PRINETO** radiator connecting system has a wide range of possibilities for carrying out a professional and attractive job of installing and connecting radiators.

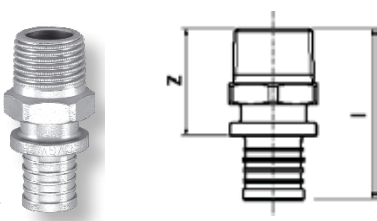
**PRINETO** is suitable both for renovating existing heating systems and the installation of new systems in both old and new buildings. If the unfinished floor is not available for laying the connecting pipes, the **PRINETO** skirting board system can be used. For laying pipes in the skirting, the **PRINETO** Stabil multilayered pipe is used exclusively, on account of its low rate of thermal expansion.

### Highlights **PRINETO** radiator connecting system:

- an extension of the **PRINETO** plumbing system (only one tool required, lower storage costs)
- special fittings for the radiator connection
- **PRINETO** heating pipes (and **PRINETO** universal pipes) are oxygen-tight in accordance with DIN 4726
- laying is possible directly from the boiler to the radiator
- direct connection from the radiator with **PRINETO** Nanoflex pipe in stainless steel finish
- max. connection power 142 KW (at a spread of 15 K and 200 Pa/m) – thus also suitable for large buildings and industrial use
- in conjunction with water heating accessories, can also be used for cooling buildings
- completely insulated crossing-tee pieces
- practical skirting board system for renovation in old buildings
- connection of all radiator types possible between 10 and 33
- no valve block/curved connections required
- available up to size 25 for larger flows and heating performances
- optical perfection – all visible parts are nickel-plated



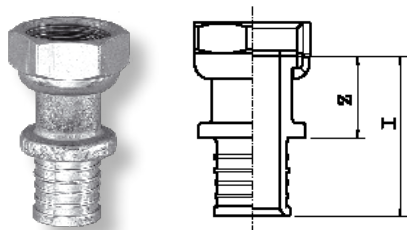
### **PRINETO** Transition with external thread, nickel-plated



Transition with external R-thread, nickel-plated. For connecting heating, Nanoflex, or Stabil multilayered pipe to components with internal Rp-thread. Material: dezincification-resistant brass, nickel-plated

Description	Dimension	l mm	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition, nickel-plated	16-R 1/2	46	32	0.051	878 641 159	10	5.65
Transition, nickel-plated	20-R 1/2	49.5	33	0.068	878 641 259	10	6.60

## **PRINETO** Transition with union nut, nickel-plated

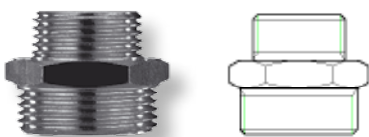


For the detachable connection of heating, Nanoflex or Stabil multilayered pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.

Material: dezincification-resistant brass, nickel-plated

Description	Dimension	l mm	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	16-G 1/2	34	20.5	0.051	878 643 010	10	7.00
Transition	20-G 1/2	39	21	0.057	878 643 020	10	6.80

## **PRINETO** Reducing nipple

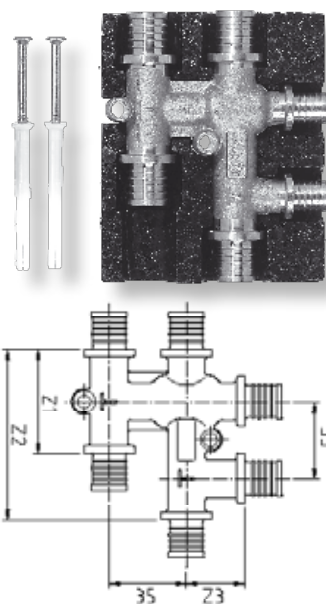


Reducing nipple G 3/4-G 1/2 for connecting flat-sealed heating components G 3/4 and G 1/2 with union nut.

Material: brass

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Reducing nipple	G 3/4-G 1/2	0.050	878 386 064	5	2.70

## **PRINETO** Crossing tee



For crossing pipelines without height difference, with insulating shells (50% acc. to EnEV) made of EPP for heat and sound insulation, for heating and Nanoflex pipes or Stabil multilayered pipes, with screws and dowels for fixing to the unfinished floor. Height inc. insulation.

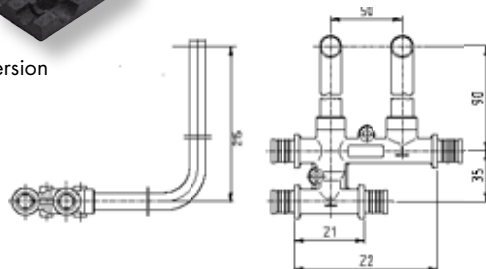
Material: brass, polypropylene

Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Height mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
TT	16	39	71	19	34	0.272	878 370 030	1	32.50
TT	20-16-16	43	74	20	40	0.288	878 370 110	1	32.50
TT	20-16-20	44	74	23	37	0.322	878 370 040	1	32.50
TT	20	47	77.5	26.5	40	0.276	878 370 050	1	34.10
TT	25-20-20	52	82	33	47	0.506	878 370 120	1	35.90

## PRINETO Crossing tee L



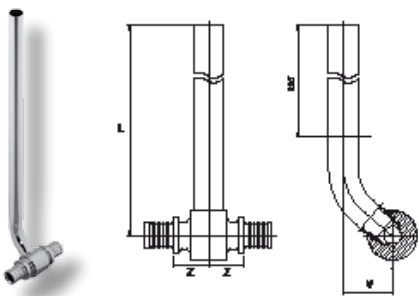
Fig.: Right version



With soldered connection elbows made of copper pipe 15 x 1 mm, for connecting closed circular pipelines in valve radiators (gauge size 50 mm) out of the floor (in conjunction with soft-sealing threaded connector 15 and valve block, through-way type), crossing to the right or left, with insulating shells (50% acc. to EnEV) made of EPP for heat and sound insulation, for heating and Nanoflex pipes or Stabil multilayered pipes, with screws and dowels for fixing to the unfinished floor, connection pipe 300 mm long. Height inc. insulation. Material: brass/copper, nickel-plated, polypropylene

Description	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	Height mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
TT	16-L15-16 right	44	97	40	0.502	878 370 070	2	43.50
TT	20-L15-20 right	47	98	40	0.606	878 370 080	2	46.20
TT	16-L15-16 left	44	97	40	0.51	878 370 170	2	42.10
TT	20-L15-20 left	47	98	40	0.596	878 370 180	2	46.20

## PRINETO Offset tee connecting piece



For connecting closed circular radiator pipelines out of the floor with heating and Nanoflex pipes or Stabil multilayered pipes (for valve radiators in conjunction with soft-sealing threaded connector 15 and valve block, through-way type). Material: brass, nickel-plated copper

Description	Dimension	z mm	l mm	V mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
T	16-15/300-16	18.2	300	25	0.204	878 316 110	10	18.20
T	20-15/300-20	18.2	300	26	0.225	878 312 330	10	20.60

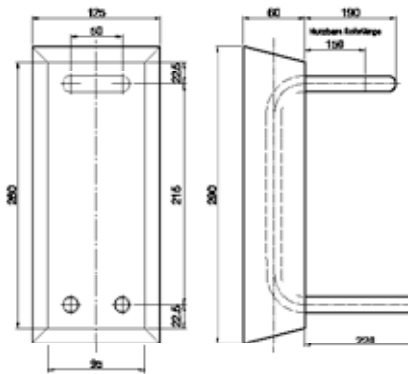
**PRINETO** Radiator connection box Stabil 16, double



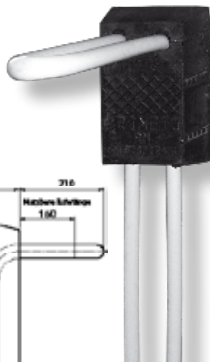
For connecting radiators (gauge size 50 mm) fixed to the wall (radiator connections in conjunction with transitions 16-V Euro or clamp screw connections Stabil 16-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and U connection elbows made of Stabil multilayered pipe 16, insulated 100% acc. to EnEV.

Material: Stabil multilayered pipe, polyurethane

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radiator connection box	0.34	878 312 440	1	29.40



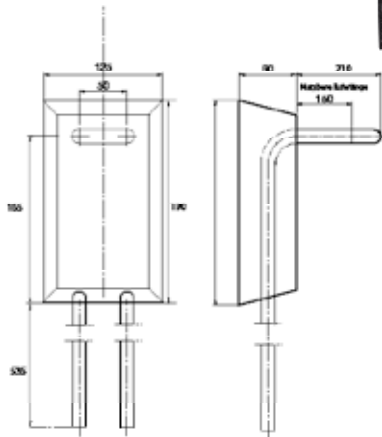
**PRINETO** Radiator connection box Stabil 16, double variable



For connecting radiators (gauge size 50 mm) fixed to the wall at variable height (radiator connections in conjunction with transitions 16-V Euro or clamp screw connections Stabil 16-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and L connection elbows made of Stabil multilayered pipe 16, insulated 100% acc. to EnEV.

Material: Stabil multilayered pipe, polyurethane

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radiator connection box	0.33	878 312 450	1	26.20

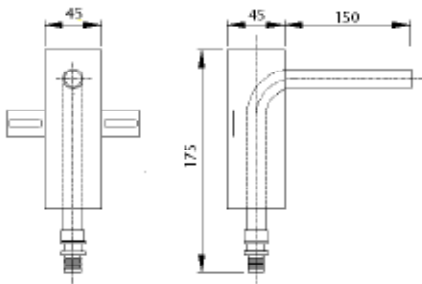


## PRINETO Radiator connection box, single variable



Radiator connection box, variable, single, 16-L 15 for connecting single radiators fixed to the wall at variable height (single supply and return flow) to heating pipe and Nanoflex pipe 16 or Stabil multilayered pipe 16, consisting of rigid foam block and L connection elbow 15 x 1, DN 12, insulated 100% acc. to EnEV. Material: brass/copper nickel-plated, polyurethane

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radiator connection box	0.21	878 312 410	1	33.00

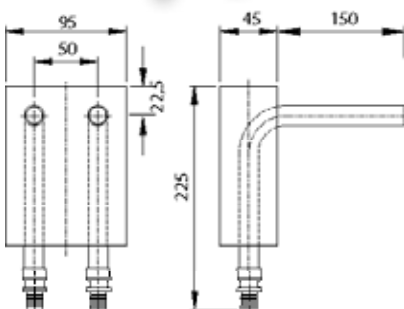


## PRINETO Radiator connection box, double variable



Radiator connection box, variable, double, 16-L 15 for connecting valve radiators (gauge 50 mm) fixed to the wall at variable height to heating pipe and Nanoflex pipe 16 or Stabil multilayered pipe 16, consisting of rigid foam block and L connection elbow 15 x 1, DN 12, insulated 100% acc. to EnEV. Material: brass/copper nickel-plated, polyurethane

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radiator connection box	0.302	878 312 420	1	39.30





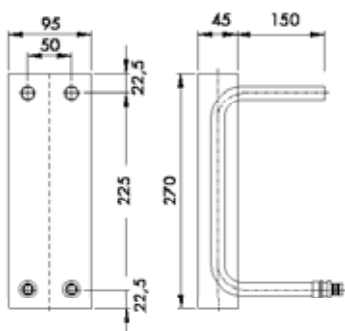
## PRINETO Radiator connection box, double



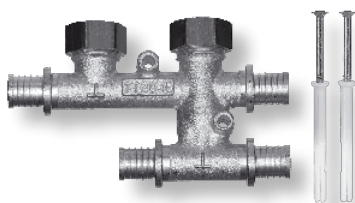
Radiator connection box, variable, double, 16-U 15 for connecting valve radiators (gauge 50 mm) fixed to the wall at variable height to heating pipe and Nanoflex pipe 16 or Stabil multilayered pipe 16, flexible radiator height, consisting of rigid foam block and U connection elbow 15 x 1, DN 12, insulated 100% acc. to EnEV.

Material: brass/copper nickel-plated, polyurethane

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radiator connection box	0.562	878 312 430	1	43.20

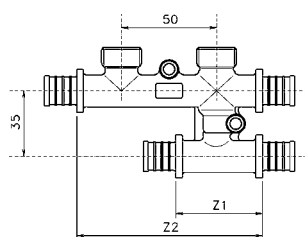


## PRINETO Crossing tee for skirting board



For connecting valve radiators (gauge size 50 mm) from the skirting board with Stabil multilayered pipes, with cutting ring connection 15 mm for connection elbow and shut-off angle valve or skirting board L or S connection elbows, for wall mounting with screws, dowels and plastic step washers for sound insulation. Tightening torque 40–50 Nm.

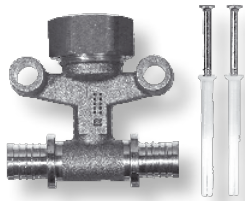
Material: brass, EPDM



Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	DN mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
TT	16-V15-16	44	98	12	0.374	878 370 010	1	31.00
TT	20-V15-20	47	99	15/12	0.448	878 370 020	1	35.40
TT	25-V15-25	59	105	20/12	0.47	878 370 060	1	37.20



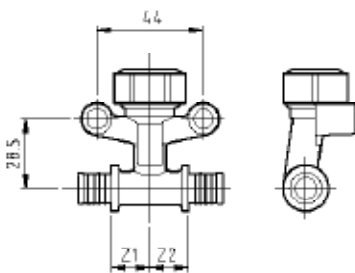
## PRINETO Tee for skirting board



Tee for skirting board 16-V 15-16 for single connection of feed and return to radiators from the skirting board with Stabil multilayered pipe 16, with cutting ring connection 15 mm for connection elbow and check shut-off angle valve or skirting board L or S connection elbows, for wall mounting with screws, dowels and plastic step washers for sound insulation.

Tightening torque 40–50 Nm.

Material: brass, EPDM



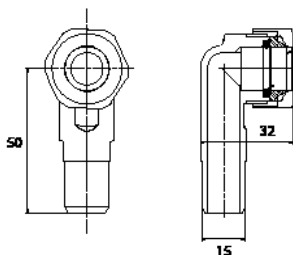
Des.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	DN mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
T	16-V15-16	15	15	12	0.146	878 350 160	2	13.80

## PRINETO Angle connection for skirting board



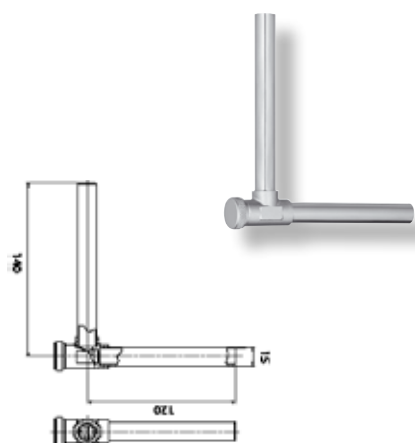
For the connection of crossing tee pieces for skirting boards to valve radiators (in conjunction with shut-off angle valves and soft-sealing threaded connectors 15), with cutting ring connection 15 mm, tightening torque 40-50 Nm.

Material: brass, EPDM



Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Angle connection	0.055	878 370 009	1	6.50

## **PRINETO** Shut-off angle valve for skirting board

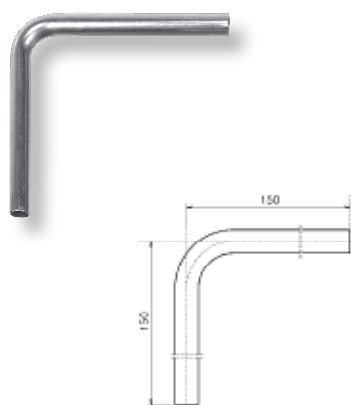


Shut-off valve for the connection of crossing tee pieces for skirting boards to valve radiators (in conjunction with angle connections and soft-sealing threaded connectors 15, no valve block required!), with connection pipes 15 x 1 mm, tightening torque 40-50 Nm.

Material; copper, chrome-plated, brass, EPDM

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Shut-off angle valve	0.15	878 386 052	2	17.60

## **PRINETO** Connection elbow L for skirting board

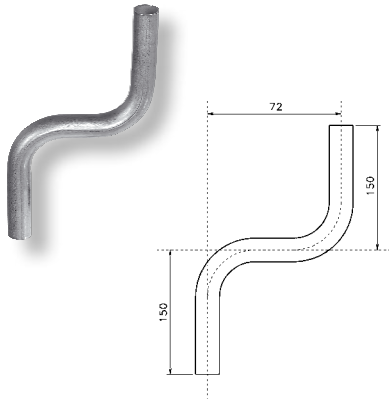


For connecting skirting board tees to the radiator (for valve radiators in conjunction with soft-sealing threaded connectors 15 and valve block, corner type), stainless steel pipe 15 x 1 mm, DN 12.

Material: stainless steel

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection elbow L	0.072	878 312 150	10	6.35

## PRINETO Connection elbow S for skirting board



For connecting of the skirting board tees to the heater (for radiators in conjunction with soft-sealing screw connection 15 and valve block, through-way type), stainless steel pipe 15 x 1 mm, DN 12.  
Material: stainless steel

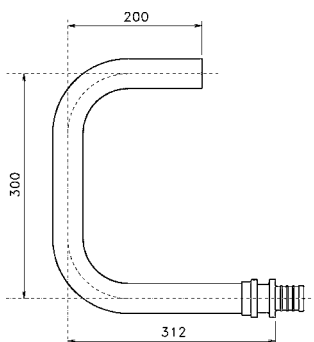
Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection elbow S	0.060	878 312 160	10	6.55

## PRINETO Connection elbow U

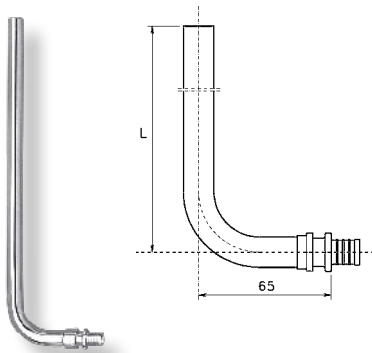


For connecting radiators out of the wall with heating and Nanoflex pipes 16 or Stabil multilayered pipes 16 (for valve radiators in conjunction with soft-sealing threaded connector 15 and valve block, corner type).  
Copper pipe 15 x 1 mm, DN 12.  
Material: brass/copper nickel-plated

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection elbow	16-U 15	0.32	878 312 100	10	17.90



## PRINETO Connection elbow L

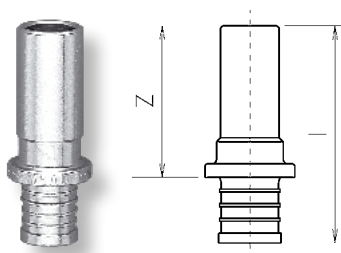


For connecting radiators out of the floor with heating and Nanoflex pipes or Stabil multilayered pipes (for valve radiators in conjunction with soft-sealing threaded connector and valve block, through-way type).

Material: brass, nickel-plated copper pipe, except for art.-no. 878 312 111: bright copper pipe (without nickel plating)

Description	Dimension	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection elbow	14-L 15/300	300	0.027	878 312 010	10	12.10
Connection elbow	16-L 15/300	300	0.158	878 312 110	10	11.35
Connection elbow	16-L 15/1100	1100	0.472	878 312 120	10	22.70
Connection elbow	20-L 18/300	300	0.21	878 312 300	10	13.95
Connection elbow, bright	16-L 15/300	300	0.15	878 312 111	10	9.30

## PRINETO Transition Euro-cone



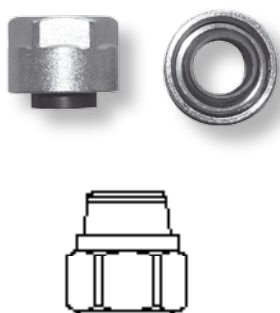
For soft-sealing connection of heating pipes, Nanoflex pipes or Stabil multilayered pipes to Euro-cone 3/4" external thread, in conjunction with soft-sealing threaded connector.

Material: nickel-plated brass

**Note:**  
unsuitable for radial pressing!

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	16-Euro 15	30	45	0.034	878 343 110	10	3.75
Transition	20-Euro 18	33.5	50.5	0.048	878 343 211	10	5.10

## PRINETO Threaded connector, soft-sealing

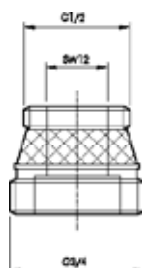
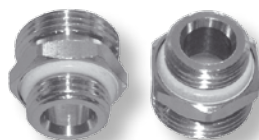


Threaded connector, soft-sealing, V Euro. For connecting copper and stainless steel pipes 15 x 1 or 18 x 1 with Euro-cone 3/4" external threads, tightening torque 40-50 Nm. Deburr pipe after cutting to length!

Material: nickel-plated brass, EPDM

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Threaded connector	15-V Euro	0.052	878 386 047	2	4.70
Threaded connector	18-V Euro	0.055	878 386 016	2	5.50

## PRINETO Connection nipple



Connection nipple Euro 3/4-G 1/2, transition from internal 1/2" thread to components with Euro-cone union nut (e.g. from valve block to radiator), thread 1/2" self-sealing, Euro-cone external thread acc. to DIN V 3838. Material: brass, EPDM

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection nipple	Euro 3/4-G1/2	0.034	878 386 065	2	2.65

## PRINETO Valve block, through-way type



Shut-off connection fitting for valve radiators with gauge size 50 mm, for dual pipe systems, for connection out of the floor, with 3/4" Euro-cone external thread connections and union nuts, flat-sealing with separate cone part, Euro-cone external thread acc. to DIN V 3838. Material: nickel-plated brass, EPDM

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Valve block, through-way type	Euro 3/4	0.282	878 386 048	1	16.70
<b>New</b> Design trim, through-way type			878 386 241	1	4.50

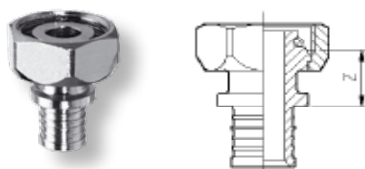
## PRINETO Valve block, corner type



Shut-off connection fitting for valve radiators with gauge size 50 mm, for dual pipe systems, for connection out of the wall, with 3/4" Euro-cone external thread connections and union nuts, flat-sealing with separate cone part, Euro-cone external thread acc. to DIN V 3838. Material: nickel-plated brass, EPDM

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Valve block, corner type	Euro 3/4	0.398	878 386 049	1	16.90
<b>New</b> Design trim, corner type			878 386 242	1	4.50

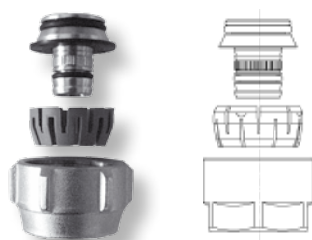
## **PRINETO** Transition with Euro-cone screw



For the direct connection of heating and Nanoflex or Stabil multilayered pipes to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	14-V Euro	20.5	0.065	878 343 320	2	5.95
Transition	16-V Euro	20	0.072	878 343 120	2	5.70
Transition	20 x 2.8-V Euro	21	0.078	878 343 220	2	5.70

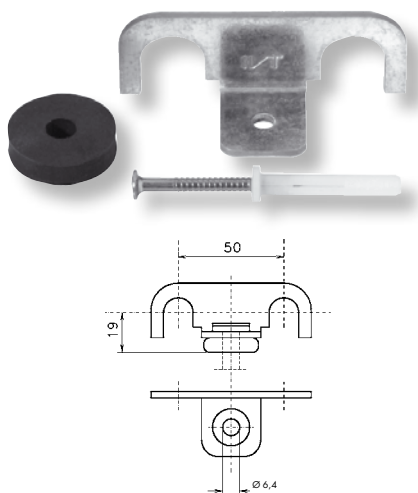
## **PRINETO** Clamp/screw-in Euro-cone for Stabil multilayered pipe V Euro



For the direct connection of Stabil multilayered pipe to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length! – consisting of Euro cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Clamp/screw-in Euro-cone	14-V Euro	0.068	878 386 017	2	5.70
Clamp/screw-in Euro-cone Stabil	16-V Euro	0.058	878 386 092	2	5.70

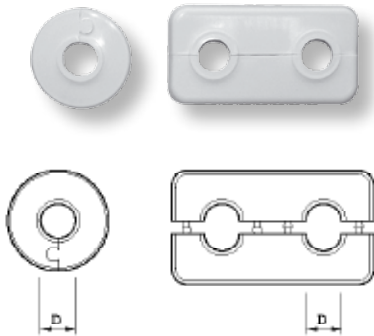
## **PRINETO** Fixed-point clamp for connection elbows L and U



For fixing radiator connection elbows 16-L and U and 20-L to the unfinished floor, gauge size 50 mm, with rubber damper washer for sound insulation, screw and dowel for fastening.  
Material: partial galvanised steel

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Fixed-point clamp	16	0.048	878 380 120	10	3.20
Fixed-point clamp	20	0.056	878 380 130	10	3.20

## PRINETO Cover rosette



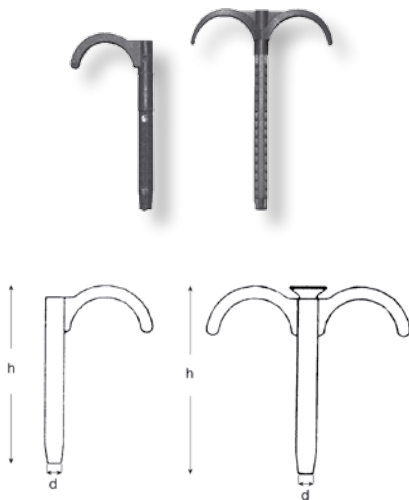
Cover rosettes single and double for covering the wall and floor outlets of radiator connection elbows or pipes, with safety clip, temperature-resistant up to 110°C.

Colour: white

Material: polypropylene

Description	Dimension	d mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Cover rosette	15 single	15	0.002	878 384 100	10	0.40
Cover rosette	15 double	15	0.008	878 384 110	10	0.95
Cover rosette	16 single	16	0.004	878 384 200	10	0.40
Cover rosette	16 double	16	0.008	878 384 220	10	0.95
Cover rosette	17 double	17	0.008	878 384 240	10	1.40

## PRINETO Dowel hook



For fixing one or two insulated pipes to the unfinished floor, to be driven into a 8 mm hole without dowel.

Material: polyamide

Description	d mm	h mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Dowel hook single	8	91.5	0.008	878 683 300	100	0.60
Dowel hook double	8	108.5	0.018	878 683 400	100	0.75

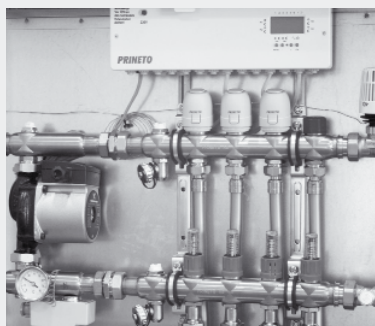
# Surface heating/cooling installation accessories

The **PRINETO** surface heating system is the expansion of the **PRINETO** heating system and is based on the fitting system used there. With the **PRINETO** surface heating system both wet-laid and dry-laid surface heating can be installed (e.g. in the renovation of older buildings). Pipes can be fixed in place either using tacker needles, the **PRINETO** fixing rail, the **PRINETO** knobbed board or in the **PRINETO** grooved elements (dry laying). Either stainless-steel coloured **PRINETO** Nanoflex surface heating pipes (tacker system, knobbed board and fixing rail), grey **PRINETO** surface heating pipes or **PRINETO** Stabil multilayered pipes (especially for dry laying) can be used. All **PRINETO** surface heating pipes are oxygen-tight

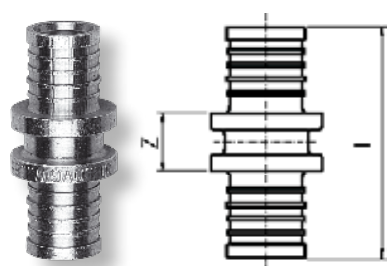
according to DIN 4724 or 4726 respectively. There is a special fittings range available for the **PRINETO** surface heating pipes, e.g. for direct connection to the distributor. The widening tool for the **PRINETO** surface heating system has a number of additional accessory heads. As well as the fixed **PRINETO** sliding sleeve connectors, removable **PRINETO** clamp/screw-in fittings are available for connection to the heating circuit distributor. For the **PRINETO** surface heating pipes, there is a matching fitting range, for example for direct connection to the distributor.

## Highlights **PRINETO** surface heating/cooling system:

- for wet and dry-laying
- laying can be completed without tools
- unique: self-adhesive **PRINETO** tacker foil
- **PRINETO** Nanoflex surface heating pipe: completely oxygen-tight
- **PRINETO** dry system for particularly shallow depths
- **PRINETO** system fixing for reliable connection to the distributor
- complete control technology for surface heating and cooling
- mechanical individual room thermostats as a low-cost alternative



## **PRINETO** Coupler



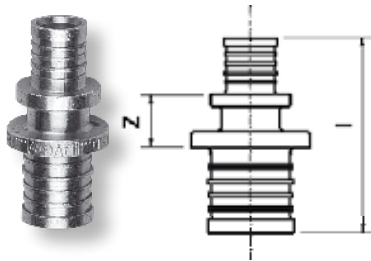
For connecting surface heating pipes.  
Material: brass

**New**

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Coupler	12	12	38	0.012	878 340 220	10	3.20
Coupler	17	12	40	0.032	878 340 550	1	4.70



## PRINETO Reducing coupler

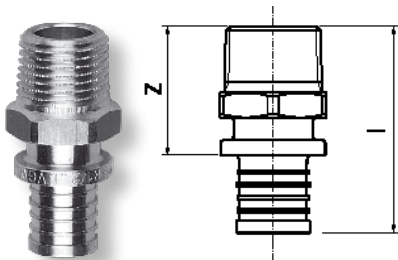


For connecting surface heating pipes to Nanoflex, Stabil multilayered or surface heating pipes.  
Material: brass

**New**

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Reducing coupler	16-12	12	38	0.012	878 640 180	10	3.70
Reducing coupler	17-16	12	40	0.030	878 340 540	1	5.00
Reducing coupler	20 x 2.8-17	13	44	0.043	878 340 750	1	5.10

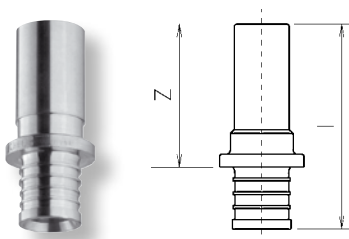
## PRINETO Transition with external thread



For connecting surface heating pipes to units with internal Rp-thread,  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	17-R1/2	32	46	0.052	878 341 150	10	5.10

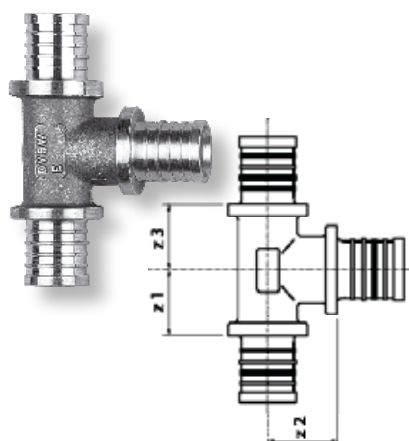
## PRINETO Transition for radial pressing



System transition surface heating pipe to insertion end, for soft-sealing screw attachment or radial pressing in fittings (external diameter of insertion end of fittings such as precision steel pipes in accordance with EN ISO 1127 or DIN 2391 T1 and DIN 2394 T1).  
Material: V4A stainless steel

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Press-type transition	17-P 15	38	52	0.034	878 343 591	1	8.20

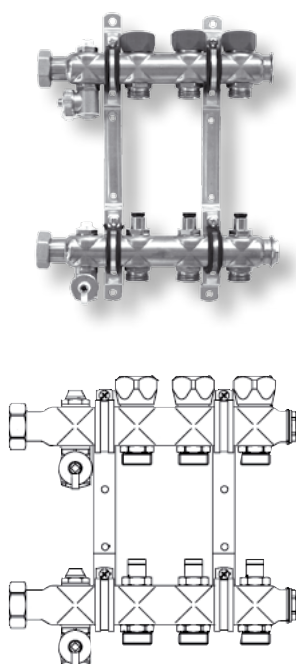
## PRINETO Tee



Tee 20-17-20 for dividing or merging the flow for underfloor heating (e.g. when MIC is used), for heating, Nanoflex or Stabil multilayered pipes 20 to the outlet with surface heating pipe 17.  
Material: brass

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
T 20 x 2.8-17-20 x 2.8	21.5	16.5	21.5	0.089	878 360 757	2	6.60

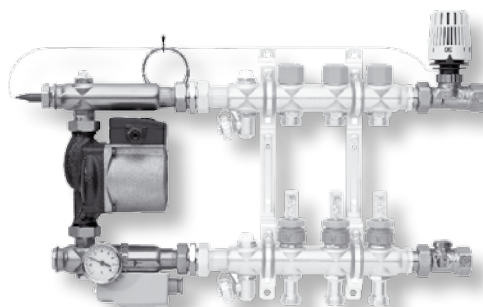
## PRINETO Heating circuit distributor with control valve



For distributing, shutting off and regulating the heated water flow to surface heating circuits, consisting of: 2 distribution manifolds made of stainless steel pipe 35 x 1.5 with end plugs, screw connection with union nut G1 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 1/2" with Euro-cone 3/4" external thread and with manual vent plug 1/2", 2 sound-insulated distributor holders, heating circuit distributors with Euro-cone 3/4" external thread acc. to DIN V 3838, max. operating temperature 80°C, max. operating pressure: 10 bar, return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m³/h, for later installation of the electric actuators 230 V) and manual control cap, supply flow with integrated control and shut-off valves (kvs 2.88 m³/h, for hydraulic balancing).  
Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Heating circuit distributor 3-fold	2.90	878 386 106	1	137.50
Heating circuit distributor 4-fold	2.90	878 386 107	1	160.00
Heating circuit distributor 5-fold	3.30	878 386 108	1	185.00
Heating circuit distributor 6-fold	3.80	878 386 109	1	209.00
Heating circuit distributor 7-fold	4.20	878 386 110	1	234.00
Heating circuit distributor 8-fold	4.50	878 386 111	1	267.00
Heating circuit distributor 9-fold	5.00	878 386 112	1	290.00
Heating circuit distributor 10-fold	5.50	878 386 113	1	316.00
Heating circuit distributor 11-fold	6.00	878 386 114	1	341.00
Heating circuit distributor 12-fold	6.50	878 386 115	1	363.00
Control valve insert (for supply flow)	0.072	878 386 055	1	4.90
Thermostat valve insert (for return flow)	0.070	878 386 054	1	5.80

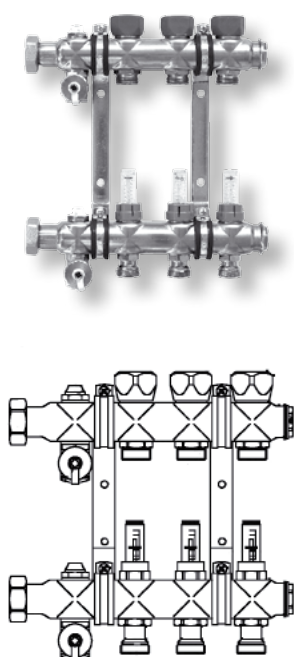
## PRINETO Thermostat set Grundfos FBH 200 mm



Unit with circulation pump, thermostat controller and safety overheat protector for the controlled direct connection of low-temperature underfloor heating circuits to high-temperature heating systems (supplementary set for fitting to **PRINETO** heating circuit distributor 3-fold to 12-fold with distributor spacing 200 mm, no separate ball valves required), consisting of: circulation pump Grundfos UPSO 15-60, Heimeier thermostat valve base 3/4" nickel-plated red brass, Heimeier Regulux shut-off valve 3/4" nickel-plated red brass, Heimeier thermostat head K (control range 20-50°C) with immersion sensor, safety overheat protector, non-return valve, thermometer 0-80°C.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Thermostat set FBH 200 mm	24.00	878 386 230	1	525.00

## PRINETO Heating circuit distributor with flow meter



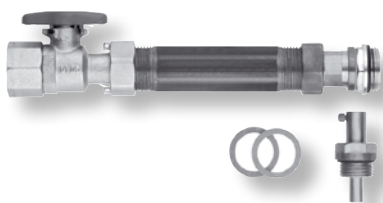
Heating circuit distributor with flow meter (flow volume indicator). For distributing, shutting off and regulating the heated water flow to surface heating circuits, to make hydraulic balancing and optical control of volume flow easier, consisting of: distribution manifold made of stainless steel pipe 35 x 1.5 with end plugs, screw connection with union nut G 1 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 1/2" with Euro-cone 3/4" external thread and with manual vent plug 1/2", 2 sound-insulated distributor holders, heating circuit distributors with Euro-cone 3/4" external thread acc. to DIN V 3838, max. operating temperature 90°C, max. operating pressure: 6 bar, return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m³/h, for later installation of the electric actuators 230 V) and manual control cap, supply flow with integrated, shut-off Regulux volume flow indicators (0.5-5 l/min, kvs 1.12 m³/h, for hydraulic balancing).

Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Heating circuit distributor 3-fold inc. flow meter	2.50	878 386 116	1	156.00
Heating circuit distributor 4-fold inc. flow meter	2.90	878 386 117	1	191.00
Heating circuit distributor 5-fold inc. flow meter	3.30	878 386 118	1	225.00
Heating circuit distributor 6-fold inc. flow meter	3.75	878 386 119	1	262.00
Heating circuit distributor 7-fold inc. flow meter	4.20	878 386 120	1	299.00
Heating circuit distributor 8-fold inc. flow meter	4.50	878 386 121	1	336.00
Heating circuit distributor 9-fold inc. flow meter	5.00	878 386 122	1	372.00
Heating circuit distributor 10-fold inc. flow meter	5.50	878 386 123	1	407.00
Heating circuit distributor 11-fold inc. flow meter	6.00	878 386 124	1	442.00
Heating circuit distributor 12-fold inc. flow meter	6.00	878 386 125	1	486.00
Flow meter insert* (for supply flow)	0.16	878 386 156	1	16.10
Thermostat valve insert (for return flow)	0.070	878 386 054	1	5.80

\* Application with Euro-cone connecting nipple

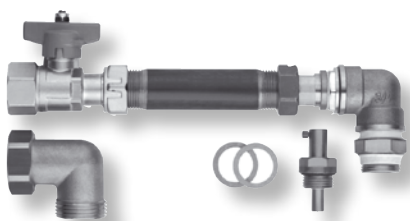
## **PRINETO** Connection assembly for heat meter, horizontal



Connection assembly for heat meter horizontal 3/4", unit with adapter for subsequent connection of a heat meter 110 mm 3/4" QN 1.5 m<sup>3</sup>/h to the heating circuit distributors of the underfloor heating.  
Supply flow: immersion sheath G 1/2 self-sealing (for installation in supply flow distribution manifold), for sensor Ø 6 mm.  
Return flow: Ball valve Rp 3/4-G 3/4 union nut with seal, double nipple 110 mm R 3/4, transition G 3/4 self-sealing to G 3/4 union nut with seal, 2 flat seals 30/22 for G 1, (2 ball valves for heating circuit distributor G 1-Rp 3/4" are also required!).

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection assy. for heat meter horizontal	0.70	878 386 012	1	74.00

## **PRINETO** Connection assembly for heat meter, vertical



Connection assembly for heat meter vertical 3/4", unit with adapter for subsequent connection of a heat meter 110 mm 3/4" QN 1.5 m<sup>3</sup>/h to the heating circuit distributors of the underfloor heating.  
Supply flow: 90° angle with G 1 external thread flat-sealing and G 1 union nut flat-sealing, immersion sheath G 1/2 self-sealing (for installation in supply flow distribution manifold), for sensor Ø 6 mm.  
Return flow: Ball valve Rp 3/4-G 3/4 union nut with seal, double nipple 110 mm R 3/4, transition G 3/4 self-sealing to G 3/4 union nut with seal, 90° angle Rp 3/4, double nipple G 3/4 self-sealing, 3 flat seals 30/22 for G 1, (2 ball valves for heating circuit distributor G 1-Rp 3/4" are also required!).

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Connection assy. for heat meter vertical	1.40	878 386 013	1	95.00

## **PRINETO** Contact thermometer



Dial thermometer for attaching to the heating circuit distributor, measuring range 0-60°C, Ø 63 mm, tension spring for attachment.

Description	D mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Contact thermometer 0-60°C	63	0.047	878 386 036	1	12.90

## PRINETO Distributor cabinet, recessed



Recessed distributor cabinet, foldable, to enclose the heating circuit distributor and control components, installation on the unfinished floor recessed, flush with the wall, with rails and screws for distributor mounting, with cardboard cover for plastering work, with mounting screws for easy installation of the terminal strip; frame, door and screed baffle plate white painted finish RAL 9010.

Delivery condition: unfolded

Material: steel sheet, galvanised or painted

Description	Width mm	Height mm	Depth mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Distributor cabinet rec., 1	430	655–820	110	9.45	878 386 022	1	121.00
Distributor cabinet rec., 2	485	655–820	110	10.50	878 386 023	1	129.00
Distributor cabinet rec., 3	570	655–820	110	11.50	878 386 024	1	145.00
Distributor cabinet rec., 4	720	655–820	110	14.00	878 386 025	1	155.00
Distributor cabinet rec., 5	875	655–820	110	16.00	878 386 026	1	175.00
Distributor cabinet rec., 6	1020	655–820	110	18.50	878 386 027	1	195.00
Distributor cabinet rec., 7	1170	655–820	110	21.00	878 386 028	1	215.00

## PRINETO Distributor cabinet, raised



To enclose the heating circuit distributor and control components, installation on the unfinished floor, raised on the plastered wall, with rails and screws for distributor mounting, with mounting screws for easy installation of the terminal strip; cabinet, door and screed baffle plate white painted finish RAL 9010.

Material: steel sheet, galvanised or painted

Description	Width mm	Height mm	Depth mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Distributor cabinet rec., 1	442	623–795	126	9.00	878 386 030	1	154.00
Distributor cabinet rais., 2	496	623–795	126	9.50	878 386 031	1	162.00
Distributor cabinet rais., 3	581	623–795	126	10.50	878 386 032	1	170.00
Distributor cabinet rais., 4	731	623–795	126	13.00	878 386 033	1	185.00
Distributor cabinet rais., 5	881	623–795	126	14.50	878 386 034	1	197.00
Distributor cabinet rais., 6	1031	623–795	126	17.00	878 386 035	1	230.00

## List of corresponding distributor cabinets

**Note:**

Only recessed distributor cabinets are suitable for the installation of a horizontal heat meter!

Distributor cabinets for heating circuit distributors		
Assembly	Recessed cab.	Raised cab.
Heating circuit distributor 3-fold	Size 1	Size 1
Heating circuit distributor 4-fold	Size 2	Size 2
Heating circuit distributor 5-fold	Size 3	Size 3
Heating circuit distributor 6-fold	Size 4	Size 4
Heating circuit distributor 7-fold	Size 4	Size 4
Heating circuit distributor 8-fold	Size 4	Size 4
Heating circuit distributor 9-fold	Size 5	Size 5
Heating circuit distributor 10-fold	Size 5	Size 5
Heating circuit distributor 11-fold	Size 5	Size 5
Heating circuit distributor 12-fold	Size 6	Size 6

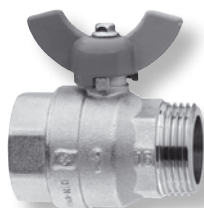
Distributor cabinets for heating circuit distributors with vertical heat meter		
Assembly	Recessed cab.	Raised cab.
Heating circuit distributor 3-fold with heat meter 110 mm 3/4" vertical	Size 2	Size 2
Heating circuit distributor 4-fold with heat meter 110 mm 3/4" vertical	Size 3	Size 3
Heating circuit distributor 5-fold with heat meter 110 mm 3/4" vertical	Size 4	Size 3
Heating circuit distributor 6-fold with heat meter 110 mm 3/4" vertical	Size 4	Size 4
Heating circuit distributor 7-fold with heat meter 110 mm 3/4" vertical	Size 4	Size 4
Heating circuit distributor 8-fold with heat meter 110 mm 3/4" vertical	Size 5	Size 4
Heating circuit distributor 9-fold with heat meter 110 mm 3/4" vertical	Size 5	Size 5
Heating circuit distributor 10-fold with heat meter 110 mm 3/4" vertical	Size 5	Size 5
Heating circuit distributor 11-fold with heat meter 110 mm 3/4" vertical	Size 6	Size 6
Heating circuit distributor 12-fold with heat meter 110 mm 3/4" vertical	Size 6	Size 6

Distributor cabinets for heating circuit distributors with horizontal heat meter		
Assembly	Recessed cab.	Raised cab.
Heating circuit distributor 3-fold with heat meter 110 mm 3/4" horizontal	Size 4	not possible
Heating circuit distributor 4-fold with heat meter 110 mm 3/4" horizontal	Size 4	
Heating circuit distributor 5-fold with heat meter 110 mm 3/4" horizontal	Size 4	
Heating circuit distributor 6-fold with heat meter 110 mm 3/4" horizontal	Size 5	
Heating circuit distributor 7-fold with heat meter 110 mm 3/4" horizontal	Size 5	
Heating circuit distributor 8-fold with heat meter 110 mm 3/4" horizontal	Size 5	
Heating circuit distributor 9-fold with heat meter 110 mm 3/4" horizontal	Size 6	
Heating circuit distributor 10-fold with heat meter 110 mm 3/4" horizontal	Size 6	
Heating circuit distributor 11-fold with heat meter 110 mm 3/4" horizontal	Size 7	
Heating circuit distributor 12-fold with heat meter 110 mm 3/4" horizontal	Size 7	

## List of corresponding distributor cabinets, continued

Distributor cabinets for heating circuit distributors with thermostat set		
Assembly	Recessed cab.	Raised cab.
Heating circuit distributor 3-fold with thermostat set	Size 4	Size 4
Heating circuit distributor 4-fold with thermostat set	Size 4	Size 4
Heating circuit distributor 5-fold with thermostat set	Size 5	Size 4
Heating circuit distributor 6-fold with thermostat set	Size 5	Size 5
Heating circuit distributor 7-fold with thermostat set	Size 5	Size 5
Heating circuit distributor 8-fold with thermostat set	Size 6	Size 6
Heating circuit distributor 9-fold with thermostat set	Size 6	Size 6
Heating circuit distributor 10-fold with thermostat set	Size 7	Size 6
Heating circuit distributor 11-fold with thermostat set	Size 7	on request
Heating circuit distributor 12-fold with thermostat set	Size 7	on request

## PRINETO Ball valve set heating circuit distributor



Ball valve G 1-Rp 3/4. Connection shut-off for heating circuit distributor (recommended for 3–8 heating circuits), pipe connection internal thread Rp 3/4, distributor connection G 1 external thread flat-sealing, inc. seal. Material: nickel-plated brass, Teflon

### PRINETO Ball valve G 1-Rp 1

Connection shut-off for heating circuit distributor (recommended for 9–12 heating circuits), pipe connection internal thread Rp 3/4, distributor connection G 1 external thread flat-sealing, inc. seal. Material: nickel-plated brass, Teflon

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Ball valve	G 1-Rp 3/4	0.454	878 386 132	2	9.80
Ball valve	G 1-Rp 1	0.696	878 386 105	2	15.50

## PRINETO Curved pipe guide for surface heating pipe 14-17

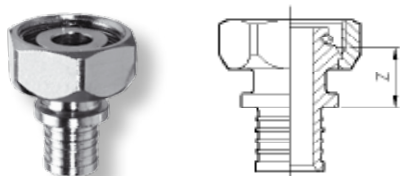


For right-angled and protected guidance of the surface heating pipes from below to the heating circuit distributor, not suitable for Ståbil multilayered pipes, curve 90°, radius 130 mm, inside diameter 25 mm. Material: PVC

Description	d mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Curved pipe guide	25	0.060	878 386 200	10	3.40



## **PRINETO** Transition with Euro-cone screw

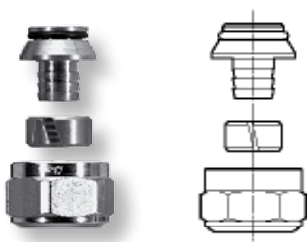


For the direct connection of surface heating pipes and Stabil multilayered pipe to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	14-V Euro	20	0.065	878 343 320	2	6.10
Transition	16-V Euro	20	0.072	878 343 120	2	5.70
Transition	17-V Euro	20	0.075	878 343 590	2	5.70

## **PRINETO** Clamp/screw-in Euro-cone V

Euro



For the direct connection of surface heating or Stabil multilayered pipe to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length!  
Consisting of Euro-cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

	Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
<b>New</b>	Clamp/screw-in Euro-cone	12-V Euro	0.068	878 386 234	2	5.60
	Clamp/screw-in Euro-cone	14-V Euro	0.068	878 386 017	2	5.70
	Clamp/screw-in Euro-cone	Stabil 16-V Euro	0.058	878 386 092	2	5.70
	Clamp/screw-in Euro-cone	17-V Euro	0.068	878 386 011	2	5.70

## **PRINETO** Electrical actuator 230 V, closed with power off



For controlling the underfloor heating, installation by means of clip adapter on thermostat valve inserts with thread M 30 x 1.5 of the heating circuit distributor, closed with power off, with "first open" function, with position indicator, free choice of installation position, protection class IP 54, operating voltage AC 230 V 50/60 Hz, power consumption 1.8 W, max. switch-on current 300 mA, connecting cable 100 cm long 2 x 0.75 mm<sup>2</sup>.

Dimensions: 44 x 60 mm

Actuating force 100 N ± 5 %

Stroke: max. 4 mm

Closing and opening time: approx. 3 min

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Actuator 230 V	0.15	878 386 018	1	23.80



## PRINETO Terminal strip 230 V



For wiring up to 6 room thermostats with up to 14 thermoelectric actuators 230 V, 2 control zones with 4 terminals each for actuators, 2 control zones with 2 terminals each for actuators, 2 control zones with 1 terminal each for actuators, inc. 1.4 m 2-wire connection cable with plug, operating voltage: AC 230 V, amperage: max. 4 A, protection class IP 43.  
Dimensions: 305 x 100 x 60 mm  
Expandable by cover with switch clock and cover with pump logic

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Terminal strip 230 V	0.40	878 386 094	1	88.00

## PRINETO Cover with pump logic and pump protection



Additional cover for terminal strip 230 V, for function extension with pump logic (pump switches off when all actuators are closed), and pump protection (pump starts pump process for a short time every day during summer mode), protection class: IP 40.  
Dimensions: 305 x 95 x 20 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Cover with pump logic and pump protection	0.15	878 386 155	1	84.00

## PRINETO Cover with 6-channel pilot watch, pump logic and pump protection



Additional cover for terminal strip 230 V (cover for terminal strip 230 V heating/cooling on request), for function extension with 6 time zone digital timer, enables the separate assignment of 6 heating programs to each of the room temperature controllers connected to the terminal strip, max. 21 on and off switching movements per time zone and week, pump logic function (pump switches off when all actuators are closed) and pump protection (pump starts pump process for a short time every day during summer mode), automatic summer/winter switchover and leap year correction, type of protection IP 40.  
Dimensions: 305 x 95 x 20 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Cover with 6-channel pilot watch	0.40	878 386 154	1	166.00

## **PRINETO** Room temperature controller, raised



For automatic room-by-room temperature control acc. to EnEV, electromechanical disconnection with thermal feedback and heat sink resistance ( $-3$  K), installation raised or directly to recessed socket, operating voltage: AC 230 V, switching current: 2 (1) A (max. 10 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range:  $5^{\circ}\text{C}$ – $30^{\circ}\text{C}$ . Colour: white (similar to RAL 9010). Dimensions: 78 x 78 x 14 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Room temperature controller, raised	0.10	878 386 096	1	24.70

## **PRINETO** Terminal strip 230 V for heating and cooling



For wiring up to 6 room thermostats heating/cooling with up to 12 thermo-electric actuators 230 V, 6 control zones with 2 terminals each for actuators, heating/cooling switchover via external mains signal, with terminal for pump logic, inc. 1.4 m 2-wire connection cable with plug, operating voltage AC 230 V, amperage: max. 4 A, protection class IP 54. Dimensions: 305 x 100 x 60 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Terminal strip for heating and cooling	4.00	878 386 150	1	169.00

## **PRINETO** Recessed room temperature controller for heating/cooling



For automatic room-by-room temperature control acc. to EnEV, electromechanical changeover contact with thermal feedback and heat sink resistance ( $-4$  K), consisting of controller 50 x 50 mm (can be integrated in almost all surface switching programs thanks to separate intermediate frame) and standard frame, installation in recessed socket, operating voltage: AC 230 V, switching current: 5 (2) A heating (max. 10 actuators) – 5 (2) A cooling (max. 5 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range:  $5^{\circ}\text{C}$ – $30^{\circ}\text{C}$ . Colour: white (similar to RAL 9010) Dimensions controller 50 x 50 x 16 mm Dimensions frame: 85 x 81 x 10

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Room temperature controller heating/cooling rec.	0.10	878 386 152	1	72.00

## PRINETO Raised room temperature controller for heating/cooling



For automatic room-by-room temperature control acc. to EnEV, electromechanical changeover contact with thermal feedback and heat sink resistance (–3 K), installation raised or directly to recessed socket, operating voltage: AC 230 V, switching current: 2 (1) A heating (max. 10 actuators) – 2 (1) cooling (max. 5 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range: 5°C–30°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 78 x 78 x 14 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Room temperature controller heating/cooling rais.	0.10	878 386 151	1	33.50

## PRINETO Radio control system transmitter



For automatic room-by-room temperature control by radio signal acc. to EnEV – no cable connection necessary between room temperature controller and heating circuit distributor, can be used for heating or cooling. Switchable fuzzy controller (variable impulse/pause ratio or 2-point control), with LED heating display and mode selector switch (off, permanent heating to desired room temperature, permanent cooling –4 K, automatic timing in conjunction with master-digital radio controller), heating-cooling change-over switch, installation raised or directly to recessed socket (screw spacing 60 mm), operating voltage DC 3 V (2 x AAA batteries), carrier frequency: 896.95 MHz, protection class IP 30, temperature range: 5°C–30°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 74 x 74 x 28 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radio control system transmitter	0.20	878 386 204	1	99.00

**PRINETO** Radio control system receiver



Fig. 1-channel receiver

1-channel receiver:  
Transforms radio signals of a transmitter into control signals for electrical consumers (e.g. actuator), control via relay (16 A make relay, floating), control of a maximum of 20 actuators, switchable from heating to cooling, can also be used for pump logic for up to 6 transmitters, in case of failure the output is switched to 30% (3 min on and 7 min off), installation raised or directly to recessed socket (screw spacing 60 mm), operating voltage: AC 230 V 50 Hz, power consumption: < 1.5 W, carrier frequency: 868.95 MHz, protection class: IP 30, operating temperature: 0°C–40°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 73 x 73 x 28 mm

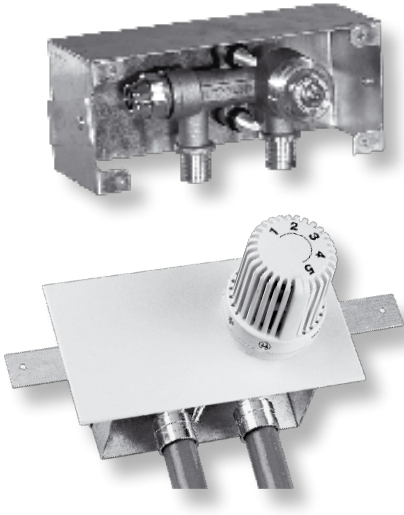


Fig. 4-channel receiver

4/6-channel receiver:  
Transforms radio signals of up to 4/6 transmitters into control signals for electrical consumers (e.g. actuators), control via relay (8 A make relay, floating), control of a maximum of 10 actuators per channel (of these max. 4 actuators for direct connection), switchable from heating to cooling, can also be used for pump logic for up to 3 transmitters, in case of failure the outputs are switched to 30% (3 min on and 7 min off), installation on top-hat rail (for quick installation in distributor cabinet), with 2-wire connection cable 0.9 m long with plug, operating voltage: AC 230 V 50 Hz, power consumption: 3 W, carrier frequency: 868.95 MHz, protection class: IP 40, operating temperature: 0°C–50°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 375/453 x 60 x 52 mm (inc. top-hat rail)

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Radio controller, receiver (1 channel)	0.20	878 386 205	1	110.00
Radio controller, receiver (4 channels)	1.00	878 386 206	1	255.00
Radio controller, receiver (6 channels)	1.70	878 386 207	1	305.00

## PRINETO Mechanical individual-room controller, MIC



For automatic room-by-room temperature control of a controlled underfloor heating circuit acc. to EnEV, in conjunction with MIC thermostat heat (art.-no. 878 386 043) with connection thread M 30 x 1.5, as mechanical heating circuit control – no electrical control components required – for recessed wall mounting for direct connection of the surface heating pipe 17, with adjustable valve insert and manual vent plug, galvanised steel sheet casing (130 x 60 x 60 mm) with white cover plate (155 x 85 mm, hole diameter: 57 mm, colour similar to RAL 9010).

Material: brass, galvanised or painted steel sheet, EPDM

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Mechanical individual-room controller, MIC	0.80	878 390 100	1	75.00

## PRINETO Thermostat head, MIC

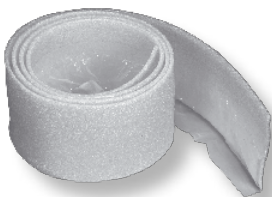


For automatic room-by-room temperature control of an underfloor heating circuit acc. to EnEV, in conjunction with the mechanical individual-room controller (art.-no. 878 390 100), with adjustable temperature limitation and frost-protection position, connection thread M 30 x 1.5.

Closing dimension: 11.5 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Thermostat head, MIC	0.148	878 386 043	1	24.95

## PRINETO Edge insulating strip 150 x 8



For sound insulation and compensation of the longitudinal expansion of cement and anhydrite screeds laid using the floating installation method acc. to DIN 18560, with PE foil welded to the side for sealing against screed water, with prepared tear-off line, suitable for wet and dry-laid underfloor heating systems.

Material: closed-cell PE foam

Description	Thick- ness mm	Height mm	Weight kg/pce	Art.-no.	Pack qty m	€/m
Edge insulating strip	8	150	0.82	878 386 039	25	0.60

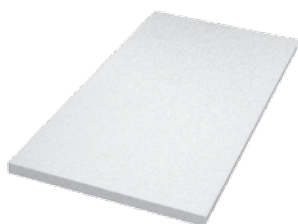
## **PRINETO** Thermal and impact sound insulating board EPS 30 mm DES



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with sound protection requirement, material class B1, design value thermal conductivity: 0.040 W/mK, surface load on the screed: 5 kN/m<sup>2</sup>, compressibility: 2 mm, sound impact improvement: 29 dB (A).  
Material: expanded polystyrene, CFC-free

Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Art.-no.	Pack qty	€/m <sup>2</sup>
EPS 30 mm DES	30	500	1000	0.75	878 386 063	7.5	on request

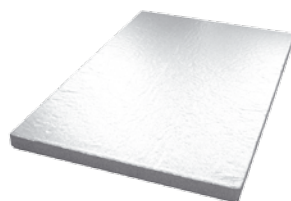
## **PRINETO** Thermal insulating board EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, material class B1, design value thermal conductivity: 0.040 W/mK, compressive stress at 10% compression: 100 kPa.  
Material: expanded polystyrene, CFC-free

Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Art.-no.	Pack qty	€/m <sup>2</sup>
EPS 20 mm DEO	20	500	1000	0.5	878 386 060	12	on request
EPS 30 mm DEO	30	500	1000	0.75	878 386 070	8	on request
EPS 40 mm DEO	40	500	1000	1.0	878 386 221	6	on request
EPS 50 mm DEO	50	500	1000	1.25	878 386 222	4.5	on request

## **PRINETO** Thermal insulating board PUR DEO

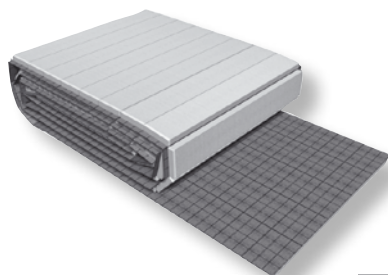


Acc. to DIN EN 13165 and DIN 4108-10, for internal insulation under screed without sound protection requirement, backed on both sides by diffusion-tight aluminium foil, material class B2, design value thermal conductivity: 0.025 W/mK, compressive stress at 10% compression: 150 kPa.  
Material: polyurethane, CFC-free, aluminium

Description	Thickness mm	Width mm <sup>1</sup>	Length mm <sup>1</sup>	R m <sup>2</sup> K/W	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
PUR 30 mm DEO	30	600	1200	1.20	878 386 144	on request	
PUR 40 mm DEO	40	600	1200	1.60	878 386 145	on request	

<sup>1</sup> Dimensions can vary. Exact specifications available on request!

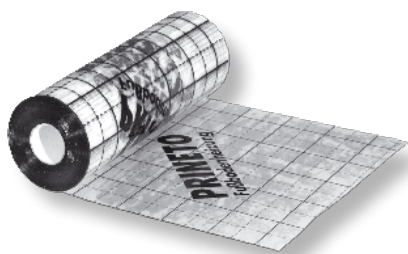
## PRINETO System roll with grid foil EPS DES



Acc. to DIN EN 13163 and DIN 4108-10, roll web for internal insulation under screed with sound protection requirement, with tape webbing 0.2 mm laminated for fixing the tacker needles and for sealing against screed moisture acc. to DIN 18560, 30 mm overlap at the side, with printed grid 5/10 cm, material class B2, design value thermal conductivity: 0.040 W/mK (30 mm), 0.045 W/mK (20 mm), surface load on the screed: 4 kN/m<sup>2</sup>, compressibility: 3 mm (30), 2 mm (20), sound impact improvement: 28 dB (A).  
Material: expanded polystyrene, CFC-free

Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/m <sup>2</sup>	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
System roll	20	1000	10	0.44	0.40	878 386 220	10	6.90
System roll	30	1000	10	0.75	0.60	878 386 059	10	7.20

## PRINETO Tacker foil, self-adhesive



Grid foil acc. to DIN 18560 for the sealing of heat and impact sound insulation against screed moisture and for fixing the tacker needles, for rolling off, printed grid 5/10 cm, underside coated with solvent-free special adhesive, net heating surface 50 m<sup>2</sup> (with 5 cm overlap).  
Material: polyethylene 0.2 mm thick

Description	Dimensions m	Weight kg/pce	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Tacker foil	0.55 x 100	11	878 386 041	10	3.75

## PRINETO Tacker needle 6 mm

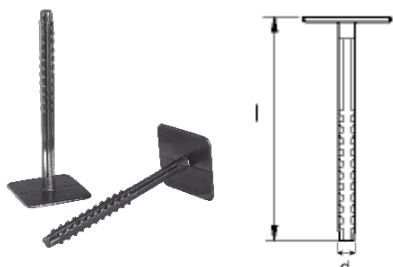


For the reliable fixing of surface heating pipe 17 to system roll or tacker foil, used with **PRINETO** tacker tool.  
Material: polyamide

Description	Weight g/pce	Art.-no.	Pack qty	€/pce
Tacker needle, 6 mm	1.60	878 386 038	300	0.12



## **PRINETO** Plate-head plug for insulation



For fixing the heat insulation for underfloor heating systems without impact sound requirement, for fixing in unfinished floor without dowels.

Drilling diameter: 8 mm

Material: polypropylene

Description	d mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Plate-head plug	8	100	0.060	878 386 042	50	0.46

## **PRINETO** Fixing rail, self-adhesive

**New**

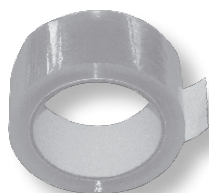


For the tool-free fixing of surface heating pipes 14 and 17, Nanoflex heating pipe 14 or the Stabil multilayered pipes 14 and 16, for pipe laying spacing in a 50 mm grid, self-adhesive underside for fixing to system roll or tackler foil, with drilling holes for wall attachment, segments can be linked together.

Material: PP

Description	Height mm	Width mm	Length m	Weight kg/pce	Art.-no.	Pack qty m	€/pce
Fixing rail 14	18	40	1	0.171	878 386 058	25	4.80
Fixing rail 17	20	40	1	0.154	878 386 074	25	4.80

## **PRINETO** Adhesive tape



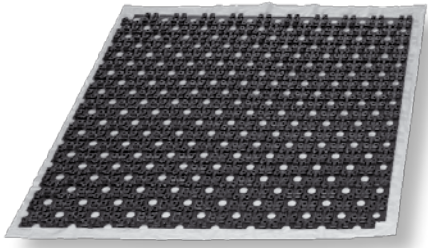
For attaching foil border of edge insulating strip to the system roll or the compensating elements, for attaching loose covering foils to underfloor heating insulation.

Description	Dimensions (L x W)	Weight kg/pce	Art.-no.	Pack qty	€/pce
Adhesive tape	66 mm x 55 mm	0.40	878 386 068	1	3.80



## PRINETO Knobbed foil 12 mm, perforated, self-adhesive

**New**



For thin-bed underfloor heating systems, made of non-deformable foil with knobs that can bear walking on, for tool-free pipe fixing of surface heating pipe 12, perforated for better connection of screed and base, simple board connection thanks to knob overlap at the side, laying spacing in 5 cm grid (7 cm diagonal grid), material class B2.

Material: PS film 1.0 mm, self-adhesive

Length: 1.025 m, width: 1.025 m, height: 13 mm

Net laying area: 1 m<sup>2</sup>



Description	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Knobbed foil 12	878 386 231	15	18.90

## PRINETO Edge insulating strip 50 x 5, self-adhesive

**New**

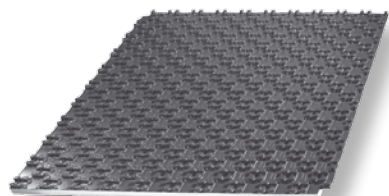


For compensation of the longitudinal expansion of thin-bed screed when laid without floor insulation, with self-adhesive backing for direct wall fixing.

Material: closed-cell PE foam

Description	Thick- ness mm	Height mm	Weight kg/pce	Art.-no.	Pack qty m	€/m
Edge insulating strip	5	50	0.62	878 386 232	25	0.70

## PRINETO Knobbed board 14–17



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with (DES) or without (DEO) sound protection requirement, made of non-deformable foil with knobs that can bear walking on, for tool-free pipe fixing of surface heating pipe 14 and 17, Stabil multilayered pipe 14 and 16 or heating pipe 16, and for sealing against screed moisture according to DIN 18560, simple board connection thanks to knob overlap at the side, laying spacing in 5 cm grid (7 cm diagonal grid), material class B2.

Material: expanded polystyrene, CFC-free, PS foil 1.0 mm

Length: 1.025 m, width: 1.025 m, net laying area: 1 m<sup>2</sup>

Height of foil without insulation: 19 mm

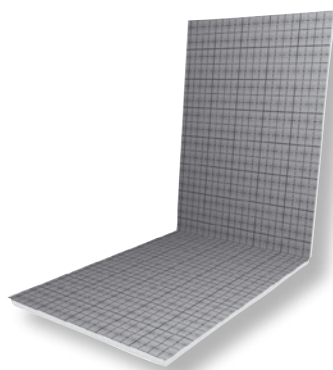
EPS 30 mm DES: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.80 m<sup>2</sup> K/W, surface load on the screed: 5 kPa (kN/m<sup>2</sup>), thickness of insulating material under the heating pipe: 30 mm, height inc. knobs: 49 mm, compressibility: 2 mm, sound impact improvement: 28 dB (A).

EPS 10 mm DEO: design value thermal conductivity: 0.035 W/mK, thermal conductivity resistance: 0.29 m<sup>2</sup> K/W, compressive stress at 10% compression: 200 kPa, surface load on the screed: 60 kPa (kN/m<sup>2</sup>), thickness of insulating material under the heating pipe: 10 mm, height inc. knobs: 29 mm



Description	Weight kg/m <sup>2</sup>	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Knobbed board 14–17 EPS 30 mm DES	1.75	878 386 126	10	18.90
Knobbed board 14–17 EPS 10 mm DEO	1.50	878 386 127	20	16.70
Knobbed foil 14-17 without insulation	1.050	878 386 084	30	13.80

## PRINETO Levelling board



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with (DES) or without (DEO) sound protection requirement, for laying heating circuit distributors or in the area of expansion joints instead of knobbed boards, with tape webbing 0.2 mm for sealing against screed moisture acc. to DIN 18560, 30 mm overlap at the side, material class B2.

Material: expanded polystyrene, CFC-free

Length: 2 m, width: 1 m

EPS 30 mm DES: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.75 m<sup>2</sup> K/W, surface load on the screed: 5 kPa (kN/m<sup>2</sup>), compressibility: 2 mm, sound impact improvement: 28 dB (A), height: 30 mm

EPS 10 mm DEO: design value thermal conductivity: 0.035 W/mK, thermal conductivity resistance: 0.29 m<sup>2</sup> K/W, surface load on the screed: 60 kPa (kN/m<sup>2</sup>), compressive stress at 10% compression: 200 kPa, height: 10 mm



Description	Weight kg/m <sup>2</sup>	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Levelling board EPS 30 mm DES	0.57	878 386 128	10	10.50
Levelling board EPS 10 mm DEO	0.48	878 386 129	20	7.30

## PRINETO PE sealing strip 16 mm



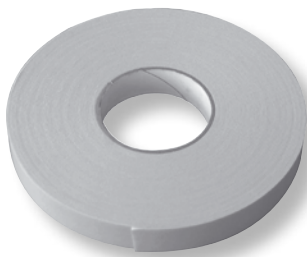
For clamping foil border of edge insulating strip of knobbed board system instead of the pipe next to the wall.

Length: 50 m, Ø 16 mm

Material: closed-cell PE foam

Description	Weight kg/m	Art.-no.	Pack qty m	€/m
PE sealing strip 16	0.003	878 386 130	50	1.40

## PRINETO Adhesive foam tape



Double-sided self-adhesive tape for screed-tight joining of knobbed boards and levelling boards, for gluing on to the cut edges of the insulation.

Length: 25 m, height: 25 mm, thickness: 1.3 mm

Description	Weight kg/m	Art.-no.	Pack qty m	€/m
Adhesive foam tape	0.004	878 386 131	25	2.45

## PRINETO Grooved element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for dry underfloor heating with pipe grooves for the tool-free fixing of Stabil multilayered pipe 16, laying spacing in grid of 12 cm, with aluminium foil for heat distribution, material class B2. Material: expanded polystyrene, CFC-free

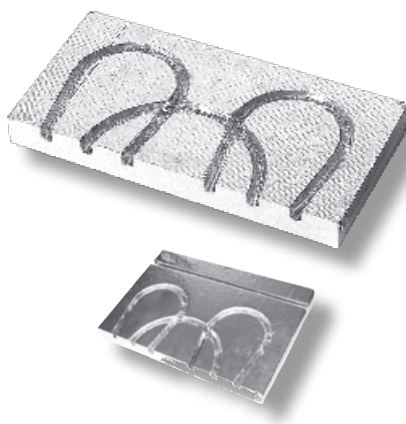
EPS 50 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.18 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.679 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)



Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/m <sup>2</sup>	Art.-no.	Pack qty	€/pce
Grooved element 50	50	480	960	1.18	0.80	878 386 133	10	16.70
Grooved element 30	30	480	960	0.679	0.50	878 386 147	17	14.10

## PRINETO U-turn element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for dry underfloor heating with pipe grooves for the tool-free fixing of Stabil multilayered pipe 16 at the bends in laying spacing in grid of 12 cm or 24 cm, with aluminium foil for heat distribution, material class B2. U-turn element 50 with pipe groove with additional pipe groove for laying a single supply pipe.  
Material: expanded polystyrene, CFC-free

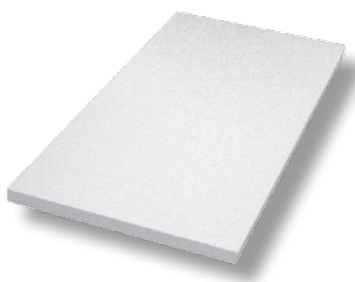
EPS 50 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.18 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.679 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)



Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/pce	Art.-no.	Pack qty	€/pce
U-turn element 50	50	480	240	1.18	0.20	878 386 134	20	8.90
U-turn element 50 pipe groove (lower fig.)	50	480	320	1.18	0.20	878 386 158	20	9.75
U-turn element 30	30	480	240	0.679	0.13	878 386 148	34	7.60

## PRINETO Levelling element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for underfloor heating, for laying Stabil multilayered pipes 16 (in conjunction with the heat-cutter 230 V) in areas with laying distances < 12 cm (e.g. in front of heat circuit distributors), material class B2.

Material: expanded polystyrene, CFC-free

EPS 50 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.25 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.75 m<sup>2</sup> K/W, compressive stress at 10% compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)



Description	Thick- ness mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/pce	Art.-no.	Pack qty	€/pce
Levelling element 50	50	480	960	1.25	0.60	878 386 135	10	7.85
Levelling element 30	30	480	960	0.75	0.41	878 386 149	17	5.95

## PRINETO Expansion joint profile 80 x 10, self-adhesive New



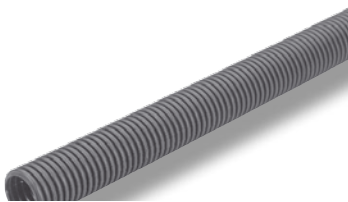
For compensating changes in shape of the heating screed, for separating differently heated circuits (e.g. in every doorway!) and as a predetermined breakage point for shorting the screed acc. to DIN 18560-2, self-adhesive for fixing to insulation materials, tacker foil or unfinished floor.

Material: closed-cell PE foam

Length: 1 m

Description	Thick- ness mm	Height mm	Weight kg/pce	Art.-no.	Pack qty m	€/m
Expansion joint profile	40/10	80	0.080	878 386 233	100	2.85

## PRINETO Protective pipe for surface heating pipe

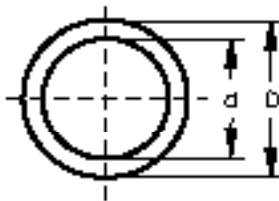


Slit corrugated pipe for protecting the connection cables for underfloor heating circuits near screed expansion joints acc. to DIN 1264-4.

Colour: black

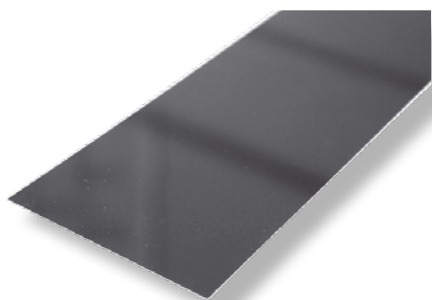
Material: polyethylene HD

Length: 40 cm



Description	D mm	d mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Protective pipe for FBH 17	25	20	0.025	878 386 103	50	1.35

## **PRINETO** Thermo foil for wall heating



For safe location of heat-conducting surface heating pipes laid in the wall.  
Foil dimensions: 305 x 110 mm

Description	Length mm	Width mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Thermo foil for wall heating	305	110	0.118	878 386 157	1	65.00

## **PRINETO** Screed additive



Additive for making cement heating screeds resistant to abrasion in accordance with DIN 18560, 11 kg corresponding to 10.19 l, sufficient for 140 m<sup>2</sup> screed with 65 mm thickness. Required quantity: 0.0786 kg/m<sup>2</sup>, 0.0728 l/m<sup>2</sup>

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Screed additive	11	878 386 040	1	140.00

## Industrial underfloor heating/thermal component activation

With a **PRINETO** thermal component activation (TBA) **PRINETO**, surface heating pipes carrying water are laid in the concrete elements of a building to make use of the enormous storage mass and surface for tempering. The activation is especially suitable for medium-weight and heavy stone and steel-reinforced concrete buildings.

Using TBA cooling, for example, the increase in room temperature in summer can be substantially retarded and delayed into the late afternoon hours because the cooled building absorbs the incident heat. At night, when there is no heating load, the building cools down again. For cooling, water temperatures of about 18°C are adequate to enable surface temperatures of 20–22°C to be achieved. The **PRINETO** surface heating pipes need to be installed for this purpose in the lower part of the concrete ceiling. The basic load heating of the rooms to about 18°C using TBA is extremely economical as this can be attained with lower water temperatures than those required for classic underfloor heating, with some 26°C. That makes the especially effective use of regenerative

energy possible (solar, condensing boilers or heat pumps). The heat is mainly given off by ceiling radiation at a rate of around 20–25 W/m<sup>2</sup>. To achieve comfortable temperatures of 20 to 22°C only small, quickly-regulated radiators are required (about 15 W/m<sup>2</sup>, e.g. underfloor heating edge zones, floor convectors).

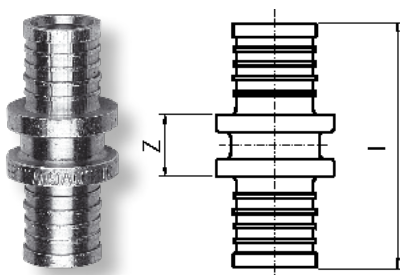
For industrial underfloor heating or thermal component activation, highly flexible **PRINETO** surface heating pipes measuring 20 x 2.0 mm and 25 x 2.3 mm are available. All **PRINETO** surface heating pipes are oxygen-tight in accordance with DIN 4724 or 4726. Special high-volume 2 inch stainless steel distributors, optionally fitted with control valves or flow meters, take care of distribution in the heating or cooling units. Original **PRINETO** special tools and accessories make fast and standard-compliant installation possible. Manufacture of individual pipe measurements and lengths in the industrial range is possible for orders in excess of 20,000 metres on request.

### Highlights **PRINETO** industrial underfloor heating/thermal component activation

- **PRINETO** surface heating pipes 20 and 25 for low pressure losses and long heating circuits
- high-volume **PRINETO** 2-inch stainless steel distributors for maximum water flow and large heating areas
- professional **PRINETO** fitting tool for quick fixing of the heating pipes to the concrete reinforcement



### **PRINETO** Coupler

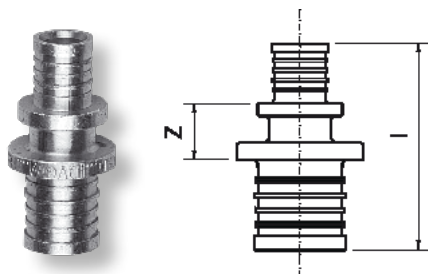


For connecting surface heating pipes.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Coupler	20 x 2.0	13	47	0.048	878 340 770	1	5.00
Coupler	25 x 2.3	13	47	0.047	878 340 880	1	9.10



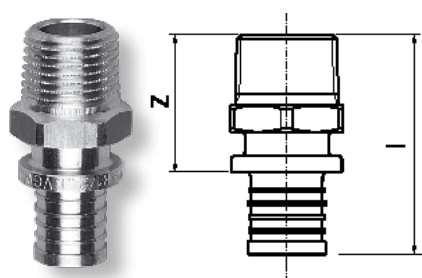
## PRINETO Reducing coupler



For connecting surface heating pipe 20 with surface heating pipe 17.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Reducing coupler	20 x 2.0-17	12.5	43.5	0.042	878 340 751	1	5.10

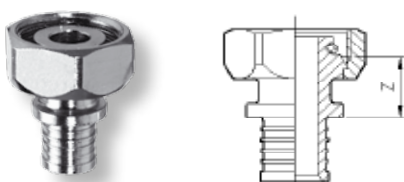
## PRINETO Transition with external thread



For connecting surface heating pipes to components with internal Rp-thread.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	20 x 2.0-R 1/2	32	49.5	0.070	878 341 750	10	5.10
Transition	20 x 2.0-R 3/4	34	51.5	0.092	878 341 760	10	6.30
Transition	25 x 2.3-R 3/4	35	56	0.092	878 341 860	10	9.90

## PRINETO Transition with Euro-cone screw

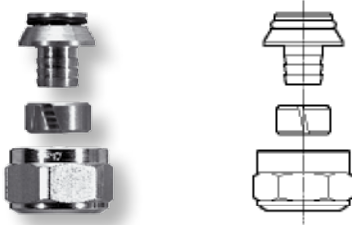


For the direct connection of surface heating pipe 20 to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

Description	Dimension	z mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Transition	20 x 2.0-V Euro	20	0.079	878 343 720	2	5.70



## PRINETO Clamp/screw-in Euro-cone V Euro

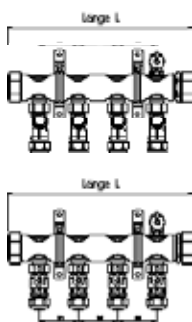
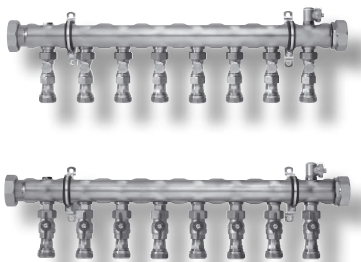


For the direct connection of surface heating pipe 20 to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length!

Consisting of Euro-cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Clamp/screw-in Euro-cone	20 x 2.0-V Euro	0.066	878 386 015	2	5.80

## PRINETO 2" industrial manifold with attached control valves



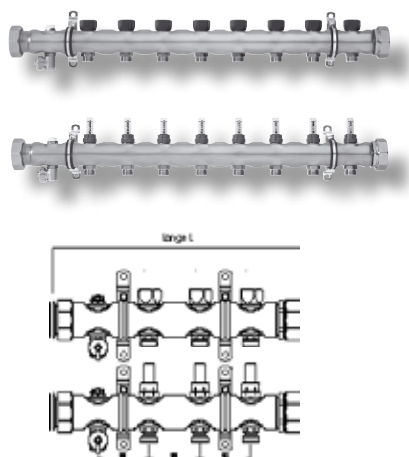
For distributing shutting off and regulating water flows of very large surface heating or cooling circuits, for surface heating pipe 25 x 2.3, manifolds can be coupled together, consisting of: distribution manifold made of stainless steel pipe 54 x 1.5 with G 2 end cap, screw connection with G 2 union nut flat-sealing (to fit ball valve – please order separately), filling and draining/vent valve 1/2" with Euro-cone 3/4" external thread, return flows with attached shut-off and control valves DN 20, supply flows with attached ball valves DN 20, heating circuit connections with clamp ring connection R 3/4 to 25 x 2.3, sound-insulated individual holder, max. operating temperature: 90°C, max. operating pressure: 6 bar.

Material: stainless steel 1.4301, red brass, nickel-plated brass, polyamide, EPDM

### Delivery time on request

Description	Length mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Industrial manifold 2" 2-fold	203	4.50	878 386 160	1	460.00
Industrial manifold 2" 3-fold	283	5.80	878 386 161	1	562.80
Industrial manifold 2" 4-fold	363	7.10	878 386 162	1	665.60
Industrial manifold 2" 5-fold	443	8.40	878 386 163	1	768.40
Industrial manifold 2" 6-fold	523	9.70	878 386 164	1	871.20
Industrial manifold 2" 7-fold	603	11.00	878 386 165	1	974.00
Industrial manifold 2" 8-fold	683	12.30	878 386 166	1	1,076.80
Industrial manifold 2" 9-fold	763	13.60	878 386 167	1	1,179.60
Industrial manifold 2" 10-fold	843	14.90	878 386 168	1	1,282.40
Industrial manifold 2" 11-fold	923	16.20	878 386 169	1	1,385.20
Industrial manifold 2" 12-fold	1003	17.50	878 386 170	1	1,488.00

## PRINETO 2" industrial manifold with flow meter



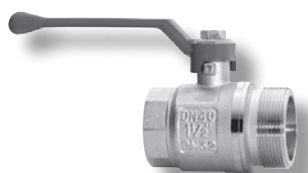
For distributing, shutting off and regulating the water flows of very large heating or cooling circuits, for surface heating pipe 20 x 2.0, manifolds can be coupled together, consisting of: distribution manifold made of stainless steel pipe 54 x 1.5 with G 2 end cap, screw connection with union nut G 2 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 1/2" with Euro-cone 3/4" external thread, vent plug 1/2", return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m³/h, for later installation of the actuators 230 V) and manual control cap, supply flow with integrated shut-off Regolux volume flow indicators (0.5–5 l/min, kvs 1.12 m³/h, for hydraulic balancing), heating circuit connections with Euro-cone 3/4" external thread acc. to DIN V 3838, sound-insulated individual holder, max. operating temperature: 90°C, max. operating pressure: 6 bar.

Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

### Delivery time on request

Description	Length mm	Weight kg/pce	Art.-no.	Pack qty	€/pce
Industrial manifold 2" 2-fold	305	3.20	878 386 180	1	413.00
Industrial manifold 2" 3-fold	385	3.80	878 386 181	1	479.40
Industrial manifold 2" 4-fold	465	4.40	878 386 182	1	545.80
Industrial manifold 2" 5-fold	545	5.00	878 386 183	1	612.20
Industrial manifold 2" 6-fold	625	5.60	878 386 184	1	678.60
Industrial manifold 2" 7-fold	705	6.20	878 386 185	1	745.00
Industrial manifold 2" 8-fold	785	6.80	878 386 186	1	811.40
Industrial manifold 2" 9-fold	865	7.40	878 386 187	1	877.80
Industrial manifold 2" 10-fold	945	8.00	878 386 188	1	944.20
Industrial manifold 2" 11-fold	1025	8.60	878 386 189	1	1,010.60
Industrial manifold 2" 12-fold	1105	9.20	878 386 190	1	1,077.00

## PRINETO Ball valve for industrial manifolds

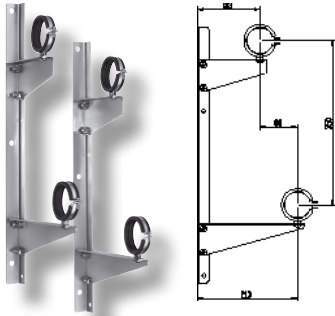


Connection shut-off for 2" industrial manifolds, pipe connection internal thread Rp 1 1/2, distributor connection G 2 external thread flat-sealing, inc. seal.  
Material: nickel-plated brass, Teflon

### Delivery time on request

Description	Dimension	Weight kg/pce	Art.-no.	Pack qty	€/pce
Ball valve	G 2-Rp 1 1/2	0.82	878 386 179	2	48.30

## PRINETO Bracket for industrial manifolds

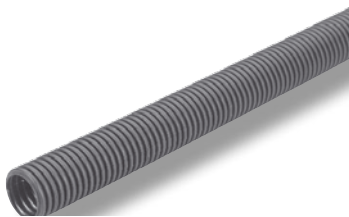


For the stable fixing of industrial manifolds with larger wall distances.  
Material: galvanised steel, rubber

**Delivery time on request**

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Bracket for industrial manifolds	1.20	878 386 202	2	54.00

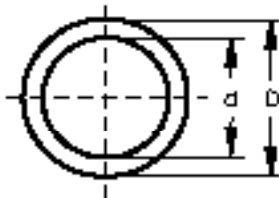
## PRINETO Protective pipe for surface heating pipe



Slit corrugated pipe for protecting the connection cables for underfloor heating circuits near screed expansion joints acc. to DIN 1264-4, bundle length 25 m.

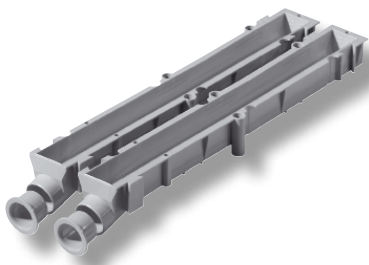
Colour: black

Material: polyethylene HD



Description	D mm	d mm	Weight kg/m	Art.-no.	Pack qty m	€/m
Protective pipe for FH pipe 20	29	24	0.090	878 386 210	25	2.30
Protective pipe for FH pipe 25	35	29	0.13	878 386 211	25	4.30

## PRINETO Ceiling bushing for surface heating pipe



To protect the passage of surface heating pipes 20 and 25 through reinforced concrete ceilings with thermal component activation, with 3 nails for fixing to the timber framework, can be coupled to protect as many pipes as required thanks to connections at the side.

Material: polyethylene.

Dimensions: 415 x 54 x 55 mm

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Ceiling bushing	0.15	878 386 212	1	6.50

## **PRINETO** Binding wire



Roll of binding wire for cordless wire binders for fixing the surface heating pipes to the reinforcing steel of concrete elements, in conjunction with the cordless wire binder, sufficient for around 120 pipe fastenings.

Material: bright steel

Dimensions: 0.8 mm Ø x 97 m

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Roll of binding wire for cordless wire binders	0.40	878 386 216	1	15.90

## Tools

Only the special **PRINETO** tool can be used to make the patented **PRINETO** sliding sleeve connection!

All **PRINETO** tools have been developed in collaboration with users to have a long service life on the building site and they guarantee a fast and simple installation.

On all **PRINETO** tools, the end stop has been designed in such a way that over-compression of the connection (with the sliding sleeve pushed over the fitting collar and damaged) is not possible when the tool is used properly. **PRINETO** tools basically fall into two categories based on what they do when making the connection – widening tools (for widening the pipes) and sliding pliers (for pushing on the sliding sleeves). For handling the sizes 12 to 32 you have the choice between manual, electric or cordless tools. For handling connections from size Stabil multilayered pipe 40 upwards, you require electric or cordless tools.

Alongside fully equipped installation cases, there are accessory tools available for working on Stabil multilayered pipes 40 and upwards and the **PRINETO** surface heating pipes 12, 14, 17, 20 and 25.

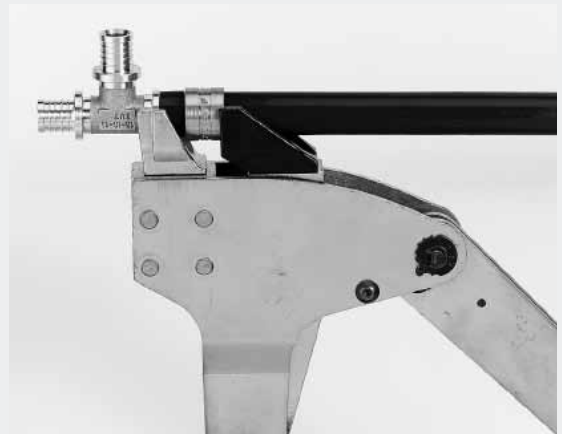
The **PRINETO** adapter "A" for electric (cordless) tools is compatible with a number of other commercially-available press drives (Novopress, Klauke, Roller, Rems).

You can find an overview of the **PRINETO** installation cases and the pipe dimensions these can be used with on pages 108–111.

Details in the instructions for use must always be observed!

### Highlights **PRINETO** tools

- developed with practical users and tested for long-term use on building sites
- quick and simple to use
- manual tools available up to size 32
- unique toggle-lever sliding pliers for quick and easy compression in only one movement
- mini cordless tool especially for "tight" spots
- low weight (overhead installation work)
- burr-free cutting of the pipes – no chamfering needed
- no residues in the connection



All tool prices net plus VAT.

## **PRINETO** Tacker



For setting the **PRINETO** tacker needles 6 mm.  
Material: aluminium, galvanised steel, glass-fibre reinforced polyamide

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tacker	2.00	878 386 037	1	225.00

## **PRINETO** Pipe reel, foldable



For rolling off the surface heating pipes during laying work, can be folded to a small size for transport, adjustable for various bundle sizes, permissible pipe bundling dimensions:

- min. internal diameter: 180 mm
- min. internal diameter: 630 mm
- max. height of bundle: 600 mm
- max. thickness of bundle: 375 mm (recommended 320 mm)

Transport dimensions: 95 cm x 11 cm x 23 cm

Pipe straightener Stabil 14 to 20

In conjunction with pipe reel, foldable, for straightening bundles of Stabil multilayered pipe 14, 16, and 20.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Foldable pipe roller	12.50	878 386 071	1	450.00
Pipe straightener	4.20	878 386 138	1	435.00

## PRINETO Heat-cutter 230 V



Heat-cutter 230 V with cutting tip. Supplementary tool for laying dry underfloor heating, exclusively for cutting pipe grooves in the EPS levelling elements and system elements, inc. cutting tip for Stabil multilayered pipe 16. Operating voltage: AC 230 V 50 Hz, power consumption: 120 W

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Heat-cutter	0.45	878 386 136	1	375.00
Cutting tip for heat-cutter	0.045	878 386 137	1	55.00

## PRINETO Dispenser



Dispenser for adhesive tape for the easier handling of adhesive tape using only one hand.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Dispenser	1.00	878 386 069	1	32.50

## **PRINETO** Installation case for cordless wire binder



In a plastic case, for fast and economical fixing of surface heating pipes to the steel reinforcements of concrete elements, in conjunction with the rolls of binding wire, with 2 rechargeable DC batteries 9.6 V/2.0 Ah and 230 V AC charger.

Extension for cordless wire binder.  
Individually adjustable extension for physical comfort when fixing the surface heating pipes while standing, in conjunction with the cordless wire binder.

### **Delivery time on request**

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case for cordless wire binder	12.50	878 386 215	1	2,950.00
Spare rechargeable battery for wire binder	4.20	878 386 217	1	85.00
Extension for cordless wire binder	1.30	878 386 218	1	180.00



## **PRINETO** Installation case MWP, widening pliers



Complete tool set. Manual widening pliers in portable metal case for widening the pipes before connection with sliding sleeves.

Contains:

- Manual widening pliers
- Pipe shears up to 32
- Expander heads 16, 20 x 2.8, 25 x 3.5, 32

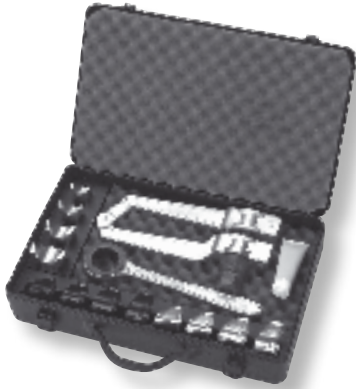
### **PRINETO** MWP separate, loose

Manual widening pliers for widening pipes 12–40 before connection with sliding sleeves, without portable case and accessories.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case MWP	4.16	878 800 010	1	295.00
Widening pliers, loose	0.65	878 800 100	1	125.00



## PRINETO Installation case MSP, manual sliding pliers



Complete tool set. Manual sliding pliers in portable metal case for pushing on the sliding sleeves.

Contains:

- Manual sliding pliers and reversible ratchet
- Sliding jaws F 16, 20, 25, 32 for fittings
- Sliding jaws S 16, 20, 25, 32 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayered pipes

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case MSP	6.70	878 800 020	1	495.00

## PRINETO Installation case MSP Stabil



Complete tool set, manual sliding pliers and sliding jaws F and S Stabil in portable metal case for pushing on the Stabil multilayered pipe sliding sleeves.

Contains:

- Manual sliding pliers and reversible ratchet and tool grease
- Sliding jaws F 16, 20, 25, 32 for fittings
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayered pipes

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case MSP Stabil	8.00	878 800 025	1	445.00

## **PRINETO** Installation case TSP, toggle-lever sliding pliers



TSP separate, loose. Manual toggle-lever sliding pliers for pushing on the sliding sleeves 12 up to 20, without portable case and accessories.

Installation case TSP without accessories

Manual toggle-lever sliding pliers in portable metal case, for pushing on the sliding sleeves 12 up to 20, without accessories.

Installation case TSP

Complete tool set, manual toggle-lever sliding pliers in portable metal case for pushing on the sliding sleeves 16 up to 20.

Contains:

- Manual toggle-lever sliding pliers
- Pipe shears up to 32
- Sliding jaws F 16, 20 for fittings
- Sliding jaws S 16, 20 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20 Stabil for sliding sleeves for Stabil multilayered pipes

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
TSP separate, loose	1.64	878 800 510	1	265.00
Installation case TSP (without accessories)	4.57	878 800 520	1	300.00
Installation case TSP (with accessories)	5.81	878 800 530	1	550.00

## **PRINETO** Installation case TSP + MWP Stabil 14–20



Complete tool set, manual toggle-lever sliding pliers and manual widening pliers in portable metal case for pushing on the sliding sleeves 14 up to 20 for Stabil multilayered pipes.

Contains:

- Manual toggle-lever sliding pliers
- Manual widening pliers
- Expander head 14 x 2.0
- Combination expander head 16–20
- Sliding jaws F 14, 16, 20 for fittings
- Sliding jaws S 14, 16, 20 Stabil for sliding sleeves for Stabil multilayered pipes
- Pipe shears up to 32

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case TSP + MWP Stabil 14–20	6.70	878 800 550	1	650.00

## PRINETO Installation case TSP + MWP 14–20 New



Complete tool set, manual toggle-lever sliding pliers and manual widening pliers in portable metal case for pushing on the sliding sleeves 14 up to 20 for PE-X and Stabil multilayered pipes.

Contains:

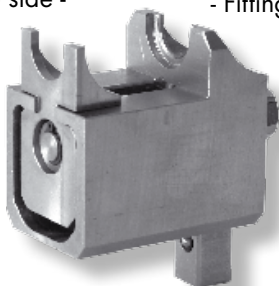
- Manual toggle-lever sliding pliers
- Manual widening pliers
- Expander head 14 x 2.0
- Expander head 17 x 2.0
- Expander head 20 x 2.0
- Combination expander head 16–20
- Sliding jaws F 14, 16, 20 for fittings
- Sliding jaws S 14, 16, 20 for sliding sleeves for PE-X pipes
- Sliding jaws S 14, 16, 20 Stabil for sliding sleeves for Stabil multilayered pipes
- Pipe shears up to 32

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case TSP + MWP Stabil 14–20	7.00	878 800 570	1	795.00

## PRINETO PSP, parallel sliding pliers

Sliding  
sleeve side -

- Fitting side



Manual parallel sliding pliers with spindle drive SW 17 and 1/2" square socket for pushing sliding sleeves 16 in narrow spots that are difficult to access. Manual operation of spindle drive e.g. with socket wrench with hexagon insert SW 17 and 1/2" square drive and 1/2" socket wrench extension for handle. Mechanical operation of spindle drive e.g. with cordless impact screwdriver or electric drill with a minimum driving torque of 55 Nm and 1/2" socket wrench extension for handle.

PSP 16 PE-X, colour: black

PSP 16 Stabil, colour: silver

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Parallel sliding pliers PSP 16 PE-X	0.43	878 800 580	1	185.00
Parallel sliding pliers PSP 16 Stabil	0.43	878 800 581	1	185.00

## **PRINETO** Installation case ESP 2, electric sliding pliers



Electric sliding pliers in metal portable case, for widening pipes 14 to 63 (in conjunction with expander bit and expander head) and for pushing on sliding sleeves 16 to 63 (in conjunction with adapter and sliding jaws), operating voltage: AC 230 V 50 Hz, with 2.8 m mains cable.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case ESP 2	13.00	878 800 045	1	665.00

## **PRINETO** Installation case CSP, cordless sliding pliers drive Li-Ion



Cordless sliding pliers drive in portable metal case for widening pipes 14 up to 63 (in conjunction with expander bit and expander head) and for pushing on sliding sleeves 16 up to 63 (in conjunction with adapter and sliding jaws), with rotary tool head for ergonomic work, with Li-Ion DC rechargeable battery 14.4 V/2 Ah and AC charger 230 V with mains cable.

### **PRINETO** Li-Ion battery for CSP

Spare rechargeable battery DC 14.4 V/2 Ah for cordless sliding pliers.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case CSP Li-Ion	8.50	878 800 083	1	990.00
Rechargeable battery 14.4 V for CSP Li-Ion	0.74	878 800 084	1	140.00
Fast battery charger	0.40	878 800 085	1	145.00

## **PRINETO** Installation case CCWP, cordless compact widening pliers 12–32

## **PRINETO** Installation case CCSP, cordless compact sliding pliers 12–32



Fig.: Installation case CCWP + CCSP with accessories (not included in scope)



Complete tool set with cordless compact widening pliers CCWP 12–32 as well as cordless compact sliding pliers CCSP 12–32 in a sturdy portable plastic case, for widening the pipes and pushing on sliding sleeves 12 to 32, CCWP for widening offset by up to 90°, CCSP with adjustable travel seating for reducing the travel for 12–20, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact widening pliers CCWP 12–32
- Cordless compact sliding pliers CCSP 12–32
- 2 rechargeable batteries 9.6 V/3.0 Ah
- Battery charger AC 230 V, 4.8 V to 14.4 V
- Special lubricating grease
- Operating manual

### Installation case cordless compact widening pliers CCWP 12–32

Complete tool set with cordless compact widening pliers CCWP 12–32 in a sturdy portable plastic case, for widening the pipes 12 to 32, for widening offset by up to 90°, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact widening pliers CCWP 12–32
- 1 battery 9.6 V/3.0 Ah
- Battery charger AC 230 V, 4.8 V to 14.4 V
- Special lubricating grease
- Operating manual

### Installation case cordless compact sliding pliers CCSP 12–32

Complete tool set with cordless compact sliding pliers CCSP 12–32 in a sturdy portable plastic case, for pushing on sliding sleeves 12 to 32, with adjustable travel seating for reducing the travel for 12–20, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact sliding pliers CCSP 12–32
- 1 battery 9.6 V/3.0 Ah
- Battery charger AC 230 V, 4.8 V to 14.4 V
- Special lubricating grease
- Operating manuals

### **PRINETO** accessories:

- Spare rechargeable batteries 9.6 V/3.0 Ah for CCWP + CCSP
- Mains adapter AC 230 V, 6 A to 33 A for CCWP + CCSP
- Battery charger AC 230 V, 4.8 V to 14.4 V

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case CCWP + CCSP	9.35	878 800 590	1	1,690.00
Installation case CCWP	6.60	878 800 591	1	865.00
Installation case CCSP	8.15	878 800 592	1	1,020.00
Cordless compact widening pliers CCWP, separate, loose inc. operating manual	2.15	878 800 593	1	670.00
Cordless compact sliding pliers CCSP, separate, loose inc. operating manual	3.65	878 800 594	1	860.00
Rechargeable battery 9.6 V for CCWP + CCSP	0.55	878 800 595	1	120.00
Mains adapter AC 230 V for CCWP + CCSP	0.67	878 800 596	1	190.00
Battery charger AC 230 V, 4.8 V to 14.4 V	0.52	878 800 597	1	105.00

## **PRINETO** Installation case for CSP and ESP 2 drives



Complete tool set with adapter A 16–63 and sliding jaws 16–32 for PE-X and Stabil multilayered pipes in portable metal case, in conjunction with ESP 2 or CSP, also in conjunction with more recent push-on tools made by Novopress, Klauke, Roller and Rems (you can change to **PRINETO** and keep your old push-on drive!).

Contains:

- Adapter A 16–63
- Sliding jaws F 16, 20, 25, 32 for fittings
- Sliding jaws S 16, 20, 25, 32 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayered pipes

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Installation case for drives	6.80	878 800 050	1	395.00

## **PRINETO** Adapter A 16–63 for CSP and ESP 2

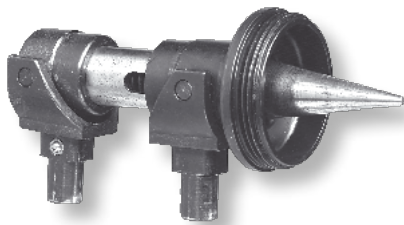


For holding the sliding jaws or expander bits when making the sliding sleeve connection, in conjunction with ESP 2 or CSP, also in conjunction with more recent push-on tools made by Novopress, Klauke, Roller and Rems (you can change to **PRINETO** and keep your old push-on drive!).

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Adapter A 16–63	1.98	878 800 560	1	190.00



## PRINETO Expander bit



### Expander bit 14–32

For screwing on expander heads 14, 16, 17, 20 x 2.0, 20, 25 x 2.3, 25, 32 and the combination expander head 16–20, in conjunction with adapter and ESP 2 or CSP for widening the pipes.

### Expander bit 40–63

For screwing on expander bits 40, 50 and 63, in conjunction with adapter and ESP 2 or RSPD for widening the pipes.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Expander bit 14–32	0.866	878 800 402	1	150.00
Expander bit 40–63	0.976	878 800 700	1	175.00

## PRINETO Tool case "grand dimension"



### Installation case tools 40, 50, 63

#### Supplementary tool ESP 2/CSP

For widening Stabil multilayered pipes and sliding on sliding sleeves 40, 50 or 63, filled metal case.

#### Contains:

- Adapter A 16–63 (878 800 560)
- Pipe cutter 14–63 (878 800 140)
- Expander bit 40–63 (878 800 700)
- Expander head 40, 50 or 63
- Sliding jaw F 40, 50 or 63 for fittings
- Sliding jaws S 40, 50 or 63 Stabil for sliding sleeves for Stabil multilayered pipes

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Tool case for Stabil 40	9.35	878 800 051	1	on request
Tool case for Stabil 50	9.60	878 800 052	1	on request
Tool case for Stabil 63	11.00	878 800 053	1	on request

## **PRINETO** Expander head surface heating



For widening surface heating pipes of Stabil multilayered pipes 14 and 16 in conjunction with MWP, CCWP or expander bit (14–32).

**New**

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Expander head 12 x 2.0	0.124	878 800 109	1	60.00
Expander head 14 x 2.0	0.12	878 800 110	1	60.00
Expander head 16 x 2.2	0.132	878 800 111	1	50.00
Expander head 17 x 2.0	0.12	878 800 115	1	50.00
Expander head 20 x 2.0	0.12	878 800 118	1	50.00
Expander head 25 x 2.3	0.10	878 800 119	1	50.00

## **PRINETO** Expander head/Combination expander head 16–20



Expander head for widening plumbing, heating, Nanoflex and Stabil multilayered pipes (size 14 Nanoflex and Stabil multilayered pipes only) in conjunction with MWP, CCWP or expander bit 14–32.

Combination expander head 16–20 for widening Nanoflex, plumbing and heating pipes 16 and 20 and Stabil multilayered pipes 16 and 20 without changing the expander heads, in conjunction with MWP, CCWP or expander bit 14–32.



Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Expander head 14 x 2.0	0.12	878 800 110	1	60.00
Expander head 16 x 2.2	0.132	878 800 111	1	50.00
Combination expander head 16–20	0.090	878 800 116	1	70.00
Expander head 20 x 2.8	0.138	878 800 112	1	50.00
Expander head 25 x 3.5	0.143	878 800 113	1	50.00
Expander head 32 x 4.4	0.168	878 800 114	1	50.00

## **PRINETO** Expander head



For widening Stabil multilayered pipes in conjunction with expander bit 40–63.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Expander head 40	0.385	878 800 740	1	122.00
Expander head 50	0.515	878 800 750	1	122.00
Expander head 63	0.75	878 800 108	1	185.00



## PRINETO Special expander head 40 (manual)



For the manual widening of the Stabil multilayered pipes 40, before the sliding sleeve connection, exclusively for use with the MWP!

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Special expander head 40	0.21	878 800 117	1	70.00

## PRINETO Sliding jaw fitting



Sliding jaw F for making the sliding sleeve connection with Nanoflex, plumbing, heating, surface heating and Stabil multilayered pipes, tool for the fitting side, to be inserted in the sliding pliers or adapter.  
Colour: brass

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sliding jaw F-14	0.10	878 800 219	1	30.00
Sliding jaw F-16	0.10	878 800 221	1	30.00
Sliding jaw F-20	0.104	878 800 224	1	30.00
Sliding jaw F-25	0.127	878 800 227	1	33.00
Sliding jaw F-32	1.068	878 800 230	1	33.00
Sliding jaw F-40	0.192	878 800 760	1	98.00
Sliding jaw F-50	0.244	878 800 780	1	105.00
Sliding jaw F-63	0.35	878 800 240	1	108.00

## PRINETO Sliding jaw fitting PE-X



Sliding jaw S for making the sliding sleeve connection with Nanoflex, plumbing, heating and surface heating pipes (sliding jaw S-14 also for Stabil multilayered pipe 14), tool for the sliding sleeve side (brass-coloured sleeve), to be inserted in the sliding pliers or adapter.  
Colour: black

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sliding jaw S-14	0.10	878 800 220	1	30.00
Sliding jaw S-16	0.108	878 800 222	1	30.00
Sliding jaw S-20	0.112	878 800 225	1	30.00
Sliding jaw S-25	0.127	878 800 228	1	33.00
Sliding jaw S-32	0.146	878 800 231	1	33.00

## **PRINETO** Sliding jaw Stabil



Sliding jaw S Stabil for making the sliding sleeve connection with Stabil multilayered pipes as well as surface heating pipes 17, tool for the sliding sleeve side (nickel-plated sleeve), to be inserted in the sliding pliers or adapter. Colour: silver

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sliding jaw S-16 Stabil	0.108	878 800 223	1	30.00
Sliding jaw S-20 Stabil	0.11	878 800 226	1	30.00
Sliding jaw S-25 Stabil	0.138	878 800 229	1	33.00
Sliding jaw S-32 Stabil	0.146	878 800 232	1	33.00
Sliding jaw S-40 Stabil	0.172	878 800 770	1	98.00
Sliding jaw S-50 Stabil	0.23	878 800 790	1	105.00
Sliding jaw S-63 Stabil	0.35	878 800 241	1	108.00

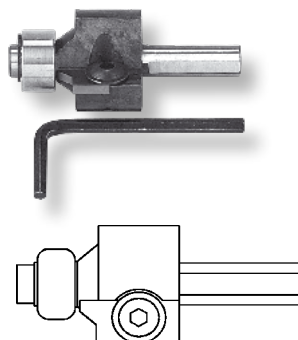
## **PRINETO** Sliding jaw fitting and sliding sleeve 12 New



Sliding jaw F/S 12 for making the sliding sleeve connection with surface heating pipe 12, tool for the fitting and for the sliding sleeve side (in other words two of these are needed for pressing), for use in the manual sliding pliers or the CCSP. Colour: black

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Sliding jaw F/S-12	0.097	878 800 215	1	45.00

## **PRINETO** Milling cutter



Milling cutter for internal threads G/Rp 1/2 for cutting and chamfering brass components with 1/2" internal threads (e.g. tap extension or wall angle), for use in quick-release chucks on screw drillers, complete with 4 mm Allen key for replacing the cutting blade.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Milling cutter 1/2" IG	0.17	878 801 002	1	55.00
Cutting blade for milling cutter	0.006	878 801 003	5	21.00

## PRINETO Pipe shears



Pipe shears up to 32 for the right-angled cutting of Nanoflex, heating, surface heating, plumbing and Stabil multilayered pipes 12 to 32.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Pipe shears 12-32	0.612	878 800 120	1	60.00
Spare blade for pipe shears 12-32	0.10	878 800 121	1	22.00

## PRINETO Pipe cutter 12-63



For right-angled and perfectly circular cutting of all **PRINETO** pipes, cutting wheel only suitable for plastic pipes!

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Pipe cutter 12-63	0.818	878 800 140	1	135.00
Cutting wheel for pipe cutter 12-63	0.10	878 800 141	1	19.00

## PRINETO Pipe shears with corrugated pipe cutter



Pipe shears up to 20 with corrugated pipe cutter up to 24 for right-angled cutting of Nanoflex, heating, surface heating, plumbing and Stabil multilayered pipes 12 to 20 and for shortening corrugated pipes 20 and 24 without damaging the inner pipe.

Description	Weight kg/pce	Art.-no.	Pack qty	€/pce
Pipe shears with corrugated pipe cutter	0.32	878 800 150	1	90.00
Spare blade for pipe shears	0.026	878 800 151	1	23.00
Spare blade for corrugated pipe cutter	0.020	878 800 152	1	45.00







## PRINETO Internal bending spring















For additional stabilisation of the Stabil multilayered pipe from inside when bending very narrow radii.  
Material: galvanised steel









Description	l mm	d mm	Weight kg/pce	Art.-no.	Pack qty	€/m
Internal bending spring 16	1000	11	0.314	878 682 100	1	7.50
Internal bending spring 20	1000	14	0.416	878 682 200	1	8.50

# Assignment of **PRINETO** complete tools

Article number	878 800 010		878 800 570		878 800 550	
Description	Installation case MWP, widening pliers		Installation case TSP + MWP Stabil 14-20		Installation case TSP + MWP Stabil 14-20	
Basic tool						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm						
PE-X 14 x 2.0 mm			■	■	■	
Stabil 14			■	■	■	■
PE-X 16 x 2.2 mm	■		■	■	■	
Stabil 16	■		■	■	■	■
PE-X 17 x 2.0 mm			■	■		■
PE-X 20 x 2.0 mm			■	■		
PE-X 20 x 2.8 mm	■		■	■	■	
Stabil 20	■		■	■	■	■
PE-X 25 x 2.3 mm						
PE-X 25 x 3.5 mm	■					
Stabil 25	■					
PE-X 32 x 4.4 mm	■					
Stabil 32	■					
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm	■		■	■	■	■
PE-X 14 x 2.0 mm	■		■	■	■	■
Stabil 14	■		■	■	■	■
PE-X 16 x 2.2 mm	■		■	■	■	■
Stabil 16	■		■	■	■	■
PE-X 17 x 2.0 mm	■		■	■	■	■
PE-X 20 x 2.0 mm	■		■	■	■	■
PE-X 20 x 2.8 mm	■		■	■	■	■
Stabil 20	■		■	■	■	■
PE-X 25 x 2.3 mm	■		■		■	
PE-X 25 x 3.5 mm	■		■		■	
Stabil 25	■		■		■	
PE-X 32 x 4.4 mm	■		■		■	
Stabil 32	■		■		■	
Stabil 40	■		■		■	
Stabil 50						
Stabil 63						

Article number	878 800 530		878 800 020		878 800 025	
Description	Installation case TSP, toggle-lever sliding pliers		Installation case MSP, manual sliding pliers		Installation case MSP Stabil	
Basic tool						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm						
PE-X 14 x 2.0 mm						
Stabil 14						
PE-X 16 x 2.2 mm		■		■		
Stabil 16		■		■		■
PE-X 17 x 2.0 mm		■		■		■
PE-X 20 x 2.0 mm		■		■		
PE-X 20 x 2.8 mm		■		■		
Stabil 20		■		■		■
PE-X 25 x 2.3 mm				■		
PE-X 25 x 3.5 mm				■		
Stabil 25				■		■
PE-X 32 x 4.4 mm				■		
Stabil 32				■		■
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm		■		■		■
PE-X 14 x 2.0 mm		■	■	■	■	■
Stabil 14		■	■	■	■	■
PE-X 16 x 2.2 mm		■	■	■	■	■
Stabil 16		■	■	■	■	■
PE-X 17 x 2.0 mm		■	■	■	■	■
PE-X 20 x 2.0 mm		■	■	■	■	■
PE-X 20 x 2.8 mm		■	■	■	■	■
Stabil 20		■	■	■	■	■
PE-X 25 x 2.3 mm			■	■	■	■
PE-X 25 x 3.5 mm			■	■	■	■
Stabil 25			■	■	■	■
PE-X 32 x 4.4 mm			■	■	■	■
Stabil 32			■	■	■	■
Stabil 40						
Stabil 50						
Stabil 63						

Article number	878 800 590		878 800 591		878 800 592	
Description	Installation case CCWP + CCSP		Installation case CCWP		Installation case CCSP	
Basic tool						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm						
PE-X 14 x 2.0 mm						
Stabil 14						
PE-X 16 x 2.2 mm						
Stabil 16						
PE-X 17 x 2.0 mm						
PE-X 20 x 2.0 mm						
PE-X 20 x 2.8 mm						
Stabil 20						
PE-X 25 x 2.3 mm						
PE-X 25 x 3.5 mm						
Stabil 25						
PE-X 32 x 4.4 mm						
Stabil 32						
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2.0 mm	■	■	■			■
PE-X 14 x 2.0 mm	■	■	■			■
Stabil 14	■	■	■			■
PE-X 16 x 2.2 mm	■	■	■			■
Stabil 16	■	■	■			■
PE-X 17 x 2.0 mm	■	■	■			■
PE-X 20 x 2.0 mm	■	■	■			■
PE-X 20 x 2.8 mm	■	■	■			■
Stabil 20	■	■	■			■
PE-X 25 x 2.3 mm	■	■	■			■
PE-X 25 x 3.5 mm	■	■	■			■
Stabil 25	■	■	■			■
PE-X 32 x 4.4 mm	■	■	■			■
Stabil 32	■	■	■			■
Stabil 40						
Stabil 50						
Stabil 63						

Article number	878 800 045			878 800 083		
Description	Installation case ESP 2, electric sliding pliers			Installation case CSP Li-Ion, cordless sliding pliers		
Basic tool						
Pipe dimension	Widening		Sliding	Widening		Sliding
PE-X 12 x 2.0 mm						
PE-X 14 x 2.0 mm						
Stabil 14						
PE-X 16 x 2.2 mm						
Stabil 16						
PE-X 17 x 2.0 mm						
PE-X 20 x 2.0 mm						
PE-X 20 x 2.8 mm						
Stabil 20						
PE-X 25 x 2.3 mm						
PE-X 25 x 3.5 mm						
Stabil 25						
PE-X 32 x 4.4 mm						
Stabil 32						
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening		Sliding		Widening	
PE-X 12 x 2.0 mm						
PE-X 14 x 2.0 mm	■				■	
Stabil 14	■				■	
PE-X 16 x 2.2 mm	■		■	■	■	■
Stabil 16	■		■	■	■	■
PE-X 17 x 2.0 mm	■		■	■	■	■
PE-X 20 x 2.0 mm	■		■	■	■	■
PE-X 20 x 2.8 mm	■		■	■	■	■
Stabil 20	■		■	■	■	■
PE-X 25 x 2.3 mm	■		■	■	■	■
PE-X 25 x 3.5 mm	■		■	■	■	■
Stabil 25	■		■	■	■	■
PE-X 32 x 4.4 mm	■		■	■	■	■
Stabil 32	■		■	■	■	■
Stabil 40	■	■		■	■	■
Stabil 50	■	■		■	■	■
Stabil 63	■	■		■	■	■

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