

Tools

For effecting the patented **PRINETO** sliding sleeve connection **PRINETO** special tools are to be used exclusively. All **PRINETO** tools were developed in cooperation with users for permanent use on the construction site and ensure quick and easy assembly. Thanks to the reliability of the visual inspection after a connection has been made maintenance at regular intervals to check the function of the electric tools is not required.

The end stop of all the **PRINETO** tools is designed in a way that over-pushing of the connection (sliding sleeve is pushed on the fitting collar and damaged) is precluded when properly used.

In principle, **PRINETO** tools differ from the various steps of making the connec-

tion. There are widening tools (for widening the pipes), and push-on pliers (for pushing on the sleeves). Concerning the dimensions 14 up to 32 you can choose between manual and electric or accumulator tools. For making connections from dimension rigid 40 onwards electric (cordless) tools are required.

Apart from fully equipped installation cases complementary tools for the use of dimensions from rigid 40 onwards and the **PRINETO** surface heating pipes 14, 17, 20, and 25 are available (s. also chapter 7 „Clamping connection“).

The **PRINETO** adapter „A“ for electric (cordless) tools is compatible with most of the customary pushing drives (Nova-press, Klauke, Roller, Rems).

The instructions given in the manuals and in chapter 7 „Sliding sleeve connection“ have to be adhered to!

Highlights: **PRINETO** Tools

- developed and tested in cooperation with users
- quick and easy handling even in „narrow“ places
- no regular maintenance required
- manual tools up to dimension 32
- light weight (over-head-installation)
- original tool ensures optimum connections
- Cutting of pipes without burrs – no chamfering
- no residues in connection



Tools

Tacker

PRINETO Tacker

For setting the **PRINETO** tacker needles
6 mm.

Material: aluminium, galvanised steel,
glass-fibre reinforced polyamide



Description	Weight kg/piece	Art.-No.	Qty/ Piece
PRINETO Tacker	2,0	878 386 037	1

Tape holder

PRINETO Holder for adhesive tape

For easier handling of adhesive tape with
one hand.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Tape holder	1,0	878 386 069	1

Pipe roller, foldable

PRINETO Pipe roller, foldable

For rolling off the surface heating pipes when laying them, foldable to a small size for transport, adjustable for various bundle sizes.

Permissible pipe bundle diameters:

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

Transport dimensions: 95 cm x 11 cm x 23 cm



PRINETO Pipe straightener rigid 14 to 20

In conjunction with pipe roller, foldable, for straightening bundles of rigid pipe 14, 16, and 20.

Description	Weight kg/piece	Art.-No.	Qty/ Piece
Pipe roller, foldable	12,5	878 386 071	1
Pipe straightener	4,2	878 386 138	1

Installation case MAZ, widening pliers

PRINETO Installation case MAZ

Complete tool set, manual widening pliers in metal transport case, for widening the pipes before sliding sleeve connection, contents:

- manual widening pliers
- pipe shears up to 32
- expander heads 16, 20, 25, 32.

PRINETO MAZ separate, loose

Manual widening pliers, for widening the pipes before sliding sleeve connection, without transport case and accessories.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Installation case MAZ	4,16	878 800 010	1
Widening pliers, loose	0,65	878 800 100	1

Installation case MSZ, manual gripper pliers

PRINETO Installation case MAZ

Complete tool set, manual gripper pliers in metal transport case, for pushing on the sliding sleeves 14 up to 32, contents:

- manual gripper pliers with change-over ratchet lever
- gripper jaws F 16, 20, 25, 32, for fittings
- gripper jaws S 16, 20, 25, 32, for Nanoflex, plumbing, heating and surface heating pipes
- gripper jaws S 16, 20, 25, 32 rigid for rigid pipes



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Gripper pliers MSZ	6,70	878 800 020	1

Installation case KSZ, toggle joint gripper pliers

PRINETO KSZ, separate, loose

Manual toggle joint gripper pliers for pushing on the sliding sleeves 14 up to 20, without transport case and accessories.

PRINETO Transport case KSZ, without accessories

Manual toggle joint gripper pliers in transport case, for pushing on the sliding sleeves 14 up to 20, without accessories.



PRINETO Transport case KSZ

Complete tool set, manual toggle joint gripper pliers in metal transport case, for pushing on the sliding sleeves 14 up to 20, contents:

- manual toggle joint gripper pliers
- pipe shears up to 32
- gripper jaws F 16, 20, for fittings
- gripper jaws S 16, 20, for Nanoflex, plumbing, heating and surface heating pipes
- gripper jaws S 16, 20 rigid for rigid pipes

Description	Weight kg/piece	Art.-No.	Qty/ Piece
KSZ separate, loose	1,64	878 800 510	1
Transport case KSZ (without accessories)	4,57	878 800 520	1
Transport case KSZ (with accessories)	5,81	878 800 530	1

Installation case ASZ, cordless gripper pliers drive

PRINETO Installation case ASZ

Cordless gripper pliers drive in metal transport 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 gripper jaws), with rotary tool head for ergonomic working, with battery DC 12 V – 2 Ah and charger AC 230 V with mains cable.



PRINETO Spare battery R for ASZ

Battery DC 12 V – 2 Ah for cordless gripper pliers.

Description	Weight kg/piece	Art.-No.	Qty/ Piece
Installation case ASZ	8,5	878 800 080	1
Battery 12 V for ASZ (spare part)	0,735	878 800 082	1

Installation case for drives ASZ and ESZ 2

PRINETO Installation case for drives ASZ and ESZ 2

Complete tool set with adapter A 16 – 63, and gripper jaws 16 – 32, for PE-X and rigid pipe, in metal transport case, in conjunction with ESZ 2 or ASZ, also in conjunction with more recent push-on tools of Messrs. Novopress, Klauke, Roller, and Rems (they change to **PRINETO** keeping their former push-on drive!), contents:

- adapter A 16 – 63
- gripper jaws F 16, 20, 25, 32
- gripper jaws S 16, 20, 25, 32
- gripper jaws S 16, 20, 25, 32 rigid



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Installation case for drives	6,8	878 800 050	1

Installation case KSZ + MAZ rigid 14 - 20

PRINETO Installation case KSZ + MAZ rigid 14 - 20

Complete tool set, manual toggle joint gripper pliers and manual widening pliers in metal transport case, for pushing on rigid pipe sliding sleeves 14 to 20, contents:

- manual toggle joint gripper pliers
- manual widening pliers
- expander head 14 x 2.0
- combination expander head 16 – 20
- gripper jaws F 14, 16, 20, for fittings
- gripper jaws S 14, 16, 20 rigid for rigid pipes
- pipe shears up to 32



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Installation case KSZ + MAZ rigid 14-20	6,70	878 800 550	1

Installation case ESZ 2, electric gripper pliers

PRINETO Installation case ESZ 2

Electric gripper pliers in metal transport 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 gripper jaws), operating voltage: AC 230 V 50 Hz, with 2.8 m mains cable.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Installation case ESZ 2	13,0	878 800 045	1

Adapter A 16 – 63 for ASZ, ESZ 2

PRINETO Adapter A 16 – 63

For holding the gripper jaws or expander bits when making the sliding sleeve connection, in conjunction with ESZ 2 or ASZ, also in conjunction with more recent push-on tools of Messrs. Novopress, Klauke, Roller, and Rems (they change to **PRINETO** keeping their former push-on drive!).



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Adapter A 16-63	1,98	878 800 560	1

Expander bit

PRINETO Expander bit 14 – 32

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



PRINETO Expander bit 40 - 63

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

Description	Weight kg/piece	Art.-No.	Qty/ Piece
Expander bit 14-32	0,866	878 800 402	1
Expander bit 40-63	0,976	878 800 700	1

Expander head surface heating

PRINETO Expander head

For widening the surface heating pipes or rigid pipes 16 respectively, in conjunction with MAZ or expander bit 14 – 32.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Expander head 14x2,0	0,120	878 800 110	1
Expander head 16x2,2	0,132	878 800 111	1
Expander head 17x2,0	0,120	878 800 115	1
Expander head 20x2,0	0,120	878 800 118	1
Expander head 25x2,3	0,10	878 800 119	1

Expander head

PRINETO Expander head

For widening the plumbing, heating, Nanoflex, and rigid pipes in conjunction with MAZ or expander bit 14 – 32.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Expander head 16x2,2	0,132	878 800 111	1
Expander head 20x2,8	0,138	878 800 112	1
Expander head 25x3,5	0,143	878 800 113	1
Expander head 32x4,4	0,168	878 800 114	1

Expander head

PRINETO Expander head

For widening the rigid pipes in conjunction with expander bit 40 - 63.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Expander head 40	0,385	878 800 740	1
Expander head 50	0,515	878 800 750	1
Expander head 63	0,750	878 800 108	1

Combination expander head 16 - 20

PRINETO Combination expander head 16 - 20

For widening the Nanoflex, plumbing, and heating pipes 16 and 20, and the rigid pipes 16 and 20, without changing the expander bits, in conjunction with MAZ or expander bit 14 - 32.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Combination expander head 16-20	0,090	878 800 116	1

Special expander head 40 (manual)

PRINETO Special expander head 40, manual

For the manual widening of the rigid pipes 40 before the sliding sleeve connection, to be used in conjunction with MAZ exclusively!



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Special expander head 40	0,21	878 800 117	1

Gripper jaws

PRINETO Gripper jaw F

For making the sliding sleeve connection to Nanoflex, plumbing, heating, surface heating, and rigid pipes, tool for fitting side, to be inserted into the gripping pliers or the adapter.

Colour: brass



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Gripper jaw F-14	0,100	878 800 219	1
Gripper jaw F-16	0,100	878 800 221	1
Gripper jaw F-20	0,104	878 800 224	1
Gripper jaw F-25	0,127	878 800 227	1
Gripper jaw F-32	1,068	878 800 230	1
Gripper jaw F-40	0,192	878 800 760	1
Gripper jaw F-50	0,244	878 800 780	1
Gripper jaw F-63	0,350	878 800 240	1

Gripper jaws

PRINETO Gripper jaw S

For making the sliding sleeve connection to Nanoflex, plumbing, heating, surface heating, and rigid pipes, tool for sliding sleeve side (brass-coloured sleeve), to be inserted into the gripper pliers or the adapter.

Colour: black



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Gripper jaw S-14	0,100	878 800 220	1
Gripper jaw S-16	0,108	878 800 222	1
Gripper jaw S-20	0,112	878 800 225	1
Gripper jaw S-25	0,127	878 800 228	1
Gripper jaw S-32	0,146	878 800 231	1

Gripper jaws

PRINETO Gripper jaw S rigid

For making the sliding sleeve connection to rigid pipes, and surface heating pipes 17, tool for sliding sleeve side (silver sleeve), to be inserted into the gripping pliers or the adapter.

Colour: silver



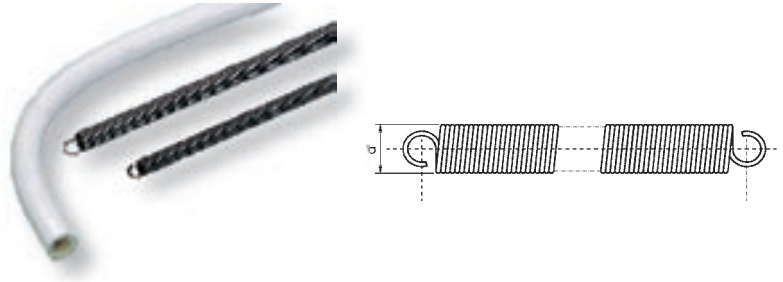
Description	Weight kg/piece	Art.-No.	Qty/ Piece
Gripper jaw S-16 rigid	0,108	878 800 223	1
Gripper jaw S-20 rigid	0,110	878 800 226	1
Gripper jaw S-25 rigid	0,138	878 800 229	1
Gripper jaw S-32 rigid	0,146	878 800 232	1
Gripper jaw S-40 rigid	0,172	878 800 770	1
Gripper jaw S-50 rigid	0,230	878 800 790	1
Gripper jaw S-63 rigid	0,350	878 800 241	1

Internal bending spring

PRINETO Internal bending spring

For stabilising the rigid pipe also from inside when bending very narrow radii.

Material: galvanised steel



Description	Dimension	l	d	Weight	Art.-No.	Qty/ Piece
		mm	mm	kg/piece		
Internal bending spring	16	1000	11	0,314	878 682 100	1
Internal bending spring	20	1000	14	0,416	878 682 200	1

Pipe shears

PRINETO Pipe shears up to 32

For the rectangular cutting of Nanoflex, heating, surface heating, plumbing, and rigid pipes 14 to 32 to length.



Description	Weight	Art.-No.	Qty/ Piece
	kg/piece		
Pipe cutter 14 – 32	0,612	878 800 120	1
Spare blade for pipe shears 14 – 32	0,100	878 800 121	1

Pipe cutter

PRINETO Pipe cutter 14 - 63

For the rectangular and perfectly circular cutting of all **PRINETO** pipes to length, cutting wheel suitable for plastic pipes exclusively!



Description	Weight	Art.-No.	Qty/ Piece
	kg/piece		
Pipe cutter 14 – 63	0,818	878 800 140	1
Cutting wheel for pipe cutter 14 – 63	0,100	878 800 141	1

Pipe shears with corrugated pipe cutter

PRINETO Pipe shears up to 20 with corrugated pipe cutter up to 24

For the rectangular cutting of Nanoflex, heating, surface heating, plumbing, and rigid pipes 14 to 20 to length, and for shortening corrugated pipes 20 and 24, without damaging internal pipe.



Description	Weight kg/piece	Art.-No.	Qty/ Piece
Pipe shears with corrugated pipe cutter	0,320	878 800 150	1
Spare blade for pipe shears	0,026	878 800 151	1
Spare blade for corrugated pipe cutter	0,020	878 800 152	1

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