

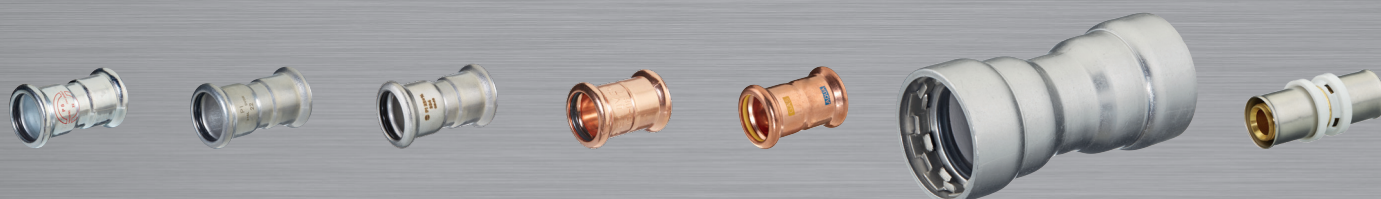


PRESS CONNECTING COMPONENTS

STEEL HD



**THE WORLD OF
PRESS CONNECTING COMPONENTS**



Press Fittings – Product Overview

System	Picture	Press Profile	Dimensions	Material
PRESS STEEL M		M	12 – 108mm	Carbon Steel
PRESS INOX M 316L		M	15 – 168.3mm	Stainless Steel 316L
PRESS INOX M 304		M	15 – 108mm	Stainless Steel 304
PRESS COPPER M		M	15 – 108mm	Copper + Brass
PRESS COPPER AQUAGAS M		M	15 – 54mm	Copper + Brass
PRESS STEEL HD		HD	1/2" – 2"	Carbon Steel
PRESS UNIPRESS		TH	16 – 32mm	Brass + Stainless Sleeve

Press Fittings – Applications

System	W WATER	H HEATING	G GAS	A COMPRESSED AIR	S SOLAR	F FIREFIGHTING SYSTEMS	C COOLING	H2 READY	I INDUSTRY
PRESS STEEL M	X	✓	X	✓ [1]	X	✓	✓	X	on request
PRESS INOX M 316L	✓	✓	on request	✓ [1]	✓ [1]	✓	✓	X	on request
PRESS INOX M 304	✓ [2]	✓	X	✓ [1]	✓ [1]	X	✓	X	on request
PRESS COPPER M	✓	✓	on request	on request	✓ [1]	X	✓	X	on request
PRESS COPPER AQUAGAS M	✓	✓	✓	on request	✓ [1]	X	✓	✓	on request
PRESS STEEL HD	X	✓	X	X	X	✓	✓	X	on request
PRESS UNIPRESS	✓	✓	X	on request	X	X	X	X	on request

✓ [1] = with FKM (Viton) O-ring only

X = not suitable

✓ [2] = Industrial applications ON REQUEST

Press Fittings and Pipe Guide

**PRESS
STEEL HD**



Straight Coupling	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28000012012	HD	50
3/4" x 3/4"	28000034034	HD	40
1" x 1"	28000100100	HD	30
1 1/4" x 1 1/4"	28000114114	HD	12
1 1/2" x 1 1/2"	28000112112	HD	12
2" x 2"	28000200200	HD	7



Slip (Repair) Coupling	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28040012012	HD	60
3/4" x 3/4"	28040034034	HD	40
1" x 1"	28040100100	HD	30
1 1/4" x 1 1/4"	28040114114	HD	12
1 1/2" x 1 1/2"	28040112112	HD	12
2" x 2"	28040200200	HD	6



End Cap	MPN	Press Profile	Box Quantity (pieces)
1/2"	28410012000	HD	120
3/4"	28410034000	HD	80
1"	28410100000	HD	50
1 1/4"	28410114000	HD	24
1 1/2"	28410112000	HD	15
2"	28410200000	HD	12



Straight Male Adaptor	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2" BSP	28010012012	HD	90
3/4" x 3/4" BSP	28010034034	HD	50
1" x 1" BSP	28010100100	HD	30
1 1/4" x 1 1/4" BSP	28010114114	HD	15
1 1/2" x 1 1/2" BSP	28010112112	HD	12
2" x 2" BSP	28010200200	HD	8



Straight Female Adaptor	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2" BSP	28020012012	HD	90
3/4" x 3/4" BSP	28020034034	HD	50
1" x 1" BSP	28020100100	HD	30
1 1/4" x 1 1/4" BSP	28020114114	HD	15
1 1/2" x 1 1/2" BSP	28020112112	HD	12
2" x 2" BSP	28020200200	HD	8

**90° Elbow (F x F)**

1/2" x 1/2"

28200012012

Press Profile

HD

Box Quantity
(pieces)

40

3/4" x 3/4"

28200034034

HD

30

1" x 1"

28200100100

HD

15

1 1/4" x 1 1/4"

28200114114

HD

8

1 1/2" x 1 1/2"

28200112112

HD

7

2" x 2"

28200200200

HD

4

**90° Street Elbow (M x F)**

1/2" x 1/2"

28210012012

Press Profile

HD

Box Quantity
(pieces)

50

3/4" x 3/4"

28210034034

HD

30

1" x 1"

28210100100

HD

15

1 1/4" x 1 1/4"

28210114114

HD

10

1 1/2" x 1 1/2"

28210112112

HD

6

2" x 2"

28210200200

HD

4

**45° Elbow (F x F)**

1/2" x 1/2"

28230012012

Press Profile

HD

Box Quantity
(pieces)

50

3/4" x 3/4"

28230034034

HD

30

1" x 1"

28230100100

HD

20

1 1/4" x 1 1/4"

28230114114

HD

10

1 1/2" x 1 1/2"

28230112112

HD

8

2" x 2"

28230200200

HD

6

**45° Street Elbow (M x F)**

1/2" x 1/2"

28240012012

Press Profile

HD

Box Quantity
(pieces)

50

3/4" x 3/4"

28240034034

HD

40

1" x 1"

28240100100

HD

15

1 1/4" x 1 1/4"

28240114114

HD

12

1 1/2" x 1 1/2"

28240112112

HD

8

2" x 2"

28240200200

HD

6

**Reducing Coupling**

3/4" x 1/2"

28030034012

Press Profile

HD

Box Quantity
(pieces)

40

1" x 3/4"

28030100034

HD

30



Socket Reducer (F x M)	MPN	Press Profile	Box Quantity (pieces)
3/4" x 1/2"	28430034012	HD	50
1" x 1/2"	28430100012	HD	40
1" x 3/4"	28430100034	HD	40
1 1/4" x 3/4"	28430114034	HD	20
1 1/4" x 1"	28430114100	HD	20
1 1/2" x 3/4"	28430112034	HD	20
1 1/2" x 1"	28430112100	HD	20
1 1/2" x 1 1/4"	28430112114	HD	20
2" x 1"	28430200100	HD	12
2" x 1 1/4"	28430200114	HD	12
2" x 1 1/2"	28430200112	HD	12



Socket Reducer (M x F)	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	28480012015	HD	60
18 x 1/2"	28480012018	HD	60
22 x 3/4"	28480034022	HD	40
28 x 1"	28480100028	HD	25
35 x 1 1/4"	28480114035	HD	20
42 x 1 1/2"	28480112042	HD	12
54 x 2"	28480200054	HD	7



Equal Tee	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2" x 1/2"	2810012012012	HD	25
3/4" x 3/4" x 3/4"	2810034034034	HD	15
1" x 1" x 1"	2810100100100	HD	10
1 1/4" x 1 1/4" x 1 1/4"	2810114114114	HD	5
1 1/2" x 1 1/2" x 1 1/2"	2810112112112	HD	3
2" x 2" x 2"	2810200200200	HD	3



Branch Reducing Tee	MPN	Press Profile	Box Quantity (pieces)
3/4" x 1/2" x 3/4"	2811034012034	HD	20
1" x 1/2" x 1"	2811100012100	HD	10
1" x 3/4" x 1"	2811100034100	HD	10
1 1/4" x 3/4" x 1 1/4"	2811114034114	HD	7
1 1/4" x 1" x 1 1/4"	2811114100114	HD	7
1 1/2" x 1" x 1 1/2"	2811112100112	HD	5
1 1/2" x 1 1/4" x 1 1/2"	2811112114112	HD	5
2" x 1" x 2"	2811200100200	HD	3
2" x 1 1/4" x 2"	2811200114200	HD	3
2" x 1 1/2" x 2"	2811200112200	HD	3



Female Tee	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2" BSP x 1/2"	281201212012	HD	25
3/4" x 1/2" BSP x 3/4"	281203412034	HD	20
1" x 1/2" BSP x 1"	281210012100	HD	10
1" x 3/4" BSP x 1"	281210034100	HD	10
1 1/4" x 1/2" BSP x 1 1/4"	281211412114	HD	7
1 1/4" x 3/4" BSP x 1 1/4"	281211434114	HD	7
1 1/2" x 1/2" BSP x 1 1/2"	281211212112	HD	5
1 1/2" x 3/4" BSP x 1 1/2"	281211234112	HD	5
2" x 1/2" BSP x 2"	281220012200	HD	3
2" x 3/4" BSP x 2"	281220034200	HD	3



PN16 Flange	MPN	Press Profile	Box Quantity (pieces)
1 1/4" x DN32	28400114000	HD	2
1 1/2" x DN40	28400112000	HD	2
2" x DN50	28400200000	HD	2



Male Union	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2" BSP	28080012012	HD	10
3/4" x 3/4" BSP	28080034034	HD	10
1" x 1" BSP	28080100100	HD	8
1 1/4" x 1 1/4" BSP	28080114114	HD	8
1 1/2" x 1 1/2" BSP	28080112112	HD	4
2" x 2" BSP	28080200200	HD	4

Specification

Materials:

- Formed components (**fittings**) material no.: carbon steel with zinc nickel coating
- **Pipe** material no.: according to EN 10255 (threaded pipes), ext. galvanised/black/painted
- **Pipe** material no.: according to EN 10220 / 10216-1 (boiler pipes), ext. galvanised/black/painted
- **Pipe** material no.: according to EN 10220 / 10217-1 (boiler pipes), ext. galvanised/black/painted
- **Pipe** material no.: according to ASTM A53, A106, A135 and A795 (pipe schedule: 5 to 40)

Guarantee:

Provided your PRESS STEEL HD (Carbon Steel) tube and fittings have been installed correctly and as per the installation guidelines set out by PCC, you can enjoy 10 years of trouble free service and operation from your new system. If you would like further information on training and installation techniques, or guarantee details, please contact us.

Applications:

- Heating (closed heating systems ONLY);
- Biomass (closed heating systems ONLY);
- Cooling Water (chilled water – closed systems ONLY);
- Sprinkler Systems.

Pressure and temperature ratings:

- 1/2"-2": (PN16) 16 bar -20°C to +120°C

Considerations:

- If the installed pipework is outside of a building and exposed to the elements, suitable insulation/conduit/duct/pipe wrap must be used (must be waterproof to prevent any moisture ingress). This will protect the pipework and help maintain its service whilst providing necessary thermal insulation.
- If the installed pipework is located in areas of high humidity, suitable insulation/conduit/duct/pipe wrap must be used (must be waterproof to prevent any moisture ingress). This will protect the pipework and help maintain its service.
- If the installed pipework is to be buried, it must be suitably wrapped or laid in a waterproof conduit or duct. This will help to protect the pipework and help maintain its service.
- If fittings and tube are to be stored for any period of time prior to installation, they must be stored in a clean and dry location away from any risk of excessive moisture.

Press tools:

All PRESS STEEL HD (Carbon Steel) fittings follow the 'HD' Profile and, therefore, are pressable with all suitable and system-compatible 'HD' Profile pressing tools. Please see manufacturers' website for details on pressing tools.



Errors and omissions accepted (E&OE)

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