

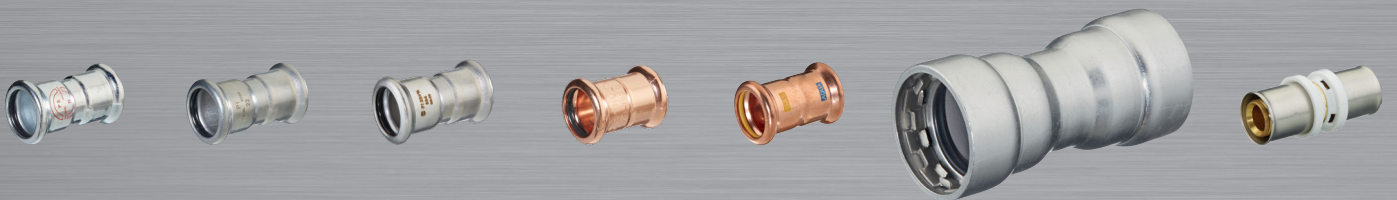
# PCCO

PRESS CONNECTING COMPONENTS

## STEEL HD



THE WORLD OF  
PRESS CONNECTING COMPONENTS



PCCO UK



## Press Fittings – Product Overview

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

## Press Fittings – Applications

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

# PCC PRESS STEEL HD





<b>Straight Coupling</b>	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



<b>Slip (Repair) Coupling</b>	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



<b>End Cap</b>	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



<b>Straight Male Adaptor</b>	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



<b>Straight Female Adaptor</b>	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)	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28200012012	HD	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)	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28210012012	HD	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)	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28230012012	HD	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)	MPN	Press Profile	Box Quantity (pieces)
1/2" x 1/2"	28240012012	HD	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	MPN	Press Profile	Box Quantity (pieces)
3/4" x 1/2"	28030034012	HD	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.





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