

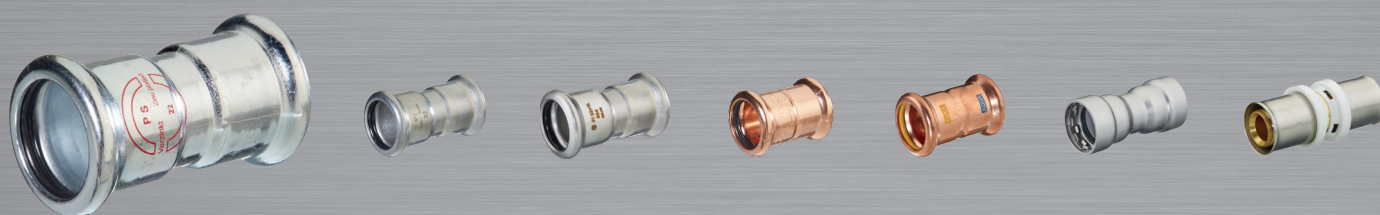


PRESS CONNECTING COMPONENTS

STEEL M



**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 – Application

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 M



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Straight Coupling	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	230001212	M	180
15 x 15	230001515	M	150
18 x 18 *	230001818	M	120
22 x 22	230002222	M	80
28 x 28	230002828	M	50
35 x 35	230003535	M	24
42 x 42	230004242	M	20
54 x 54	230005454	M	12
76.1 x 76.1	230007676	M	3
88.9 x 88.9	230008888	M	2
108 x 108	2300108108	M	1



Slip (Repair) Coupling	MPN	Press Profile	Box Quantity (pieces)
15 x 15	230401515	M	100
18 x 18 *	230401818	M	60
22 x 22	230402222	M	50
28 x 28	230402828	M	30
35 x 35	230403535	M	20
42 x 42	230404242	M	12
54 x 54	230405454	M	8
76.1 x 76.1	230407676	M	2
88.9 x 88.9	230408888	M	1
108 x 108	2304108108	M	1



End Cap	MPN	Press Profile	Box Quantity (pieces)
12 *	2341012	M	300
15	2341015	M	60
18 *	2341018	M	50
22	2341022	M	50
28	2341028	M	40
35	2341035	M	24
42	2341042	M	20
54	2341054	M	16

* Non-UK Product - available on request



Straight Male Adaptor	MPN	Press Profile	Box Quantity (pieces)
12 x 3/8" *	2301012038	M	150
12 x 1/2" *	2301012012	M	150
15 x 3/8" *	2301015038	M	150
15 x 1/2"	2301015012	M	150
18 x 1/2" *	2301018012	M	120
18 x 3/4" *	2301018034	M	100
22 x 1/2"	2301022012	M	100
22 x 3/4"	2301022034	M	80
22 x 1"	2301022100	M	50
28 x 3/4"	2301028034	M	50
28 x 1"	2301028100	M	50
35 x 1"	2301035100	M	24
35 x 1 1/4"	2301035114	M	24
42 x 1 1/4"	2301042114	M	20
42 x 1 1/2"	2301042112	M	20
54 x 1 1/2"	2301054112	M	10
54 x 2"	2301054200	M	10
76.1 x 2 1/2"	2301076212	M	1
88.9 x 3"	2301088300	M	1



Straight Female Adaptor	MPN	Press Profile	Box Quantity (pieces)
12 x 3/8" *	2302012038	M	120
15 x 1/2"	2302015012	M	120
18 x 1/2" *	2302018012	M	100
18 x 3/4" *	2302018034	M	80
22 x 1/2"	2302022012	M	100
22 x 3/4"	2302022034	M	80
22 x 1"	2302022100	M	50
28 x 3/4"	2302028034	M	50
28 x 1"	2302028100	M	50
35 x 1"	2302035100	M	24
35 x 1 1/4"	2302035114	M	24
42 x 1 1/2"	2302042112	M	20
54 x 2"	2302054200	M	10

* Non-UK Product - available on request



90° Elbow (F x F)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	232001212	M	150
15 x 15	232051515	M	100
18 x 18 *	232051818	M	80
22 x 22	232052222	M	50
28 x 28	232052828	M	30
35 x 35	232003535	M	12
42 x 42	232004242	M	8
54 x 54	232005454	M	6
76.1 x 76.1	232007676	M	2
88.9 x 88.9	232008888	M	1
108 x 108	2320108108	M	1



90° Street Elbow (M x F)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	232101212	M	150
15 x 15	232151515	M	100
18 x 18 *	232151818	M	80
22 x 22	232152222	M	50
28 x 28	232152828	M	30
35 x 35	232103535	M	12
42 x 42	232104242	M	8
54 x 54	232105454	M	6
76.1 x 76.1	232107676	M	2
88.9 x 88.9	232108888	M	1
108 x 108	2321108108	M	1



45° Elbow (F x F)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	232301212	M	150
15 x 15	232301515	M	120
18 x 18 *	232301818	M	100
22 x 22	232302222	M	60
28 x 28	232302828	M	30
35 x 35	232303535	M	20
42 x 42	232304242	M	12
54 x 54	232305454	M	6
76.1 x 76.1	232307676	M	2
88.9 x 88.9	232308888	M	1
108 x 108	2323108108	M	1

* Non-UK Product - available on request



45° Street Elbow (M x F)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	232401212	M	150
15 x 15	232401515	M	120
18 x 18 *	232401818	M	100
22 x 22	232402222	M	60
28 x 28	232402828	M	30
35 x 35	232403535	M	20
42 x 42	232404242	M	12
54 x 54	232405454	M	6
76.1 x 76.1	232407676	M	2
88.9 x 88.9	232408888	M	1
108 x 108	2324108108	M	1



90° Male Elbow	MPN	Press Profile	Box Quantity (pieces)
12 x 3/8" *	2325012038	M	80
15 x 1/2"	2325015012	M	80
18 x 1/2" *	2325018012	M	60
22 x 3/4"	2325022034	M	40
28 x 1"	2325028100	M	20
35 x 1 1/4"	2325035114	M	12
42 x 1 1/2"	2325042112	M	8
54 x 2"	2325054200	M	4



90° Female Elbow	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	2326015012	M	80
18 x 1/2" *	2326018012	M	60
22 x 3/4"	2326022034	M	40
28 x 1"	2326028100	M	20
35 x 1 1/4"	2326035114	M	12



Reducing Coupling	MPN	Press Profile	Box Quantity (pieces)
22 x 15	230302215	M	100
28 x 15	230302815	M	60
28 x 22	230302822	M	50
35 x 28	230303528	M	24



Socket Reducer	MPN	Press Profile	Box Quantity (pieces)
15 x 12 *	234301512	M	120
18 x 15 *	234301815	M	120
22 x 15	234302215	M	120
22 x 18 *	234302218	M	100
28 x 15	234302815	M	80
28 x 18 *	234302818	M	80
28 x 22	234302822	M	60
35 x 22	234303522	M	40
35 x 28	234303528	M	32
42 x 22	234304222	M	24
42 x 28	234304228	M	24
42 x 35	234304235	M	24
54 x 22	234305422	M	12
54 x 28	234305428	M	12
54 x 35	234305435	M	12
54 x 42	234305442	M	12
76.1 x 42	234307642	M	3
76.1 x 54	234307654	M	3
88.9 x 54	234308854	M	1
88.9 x 76.1	234308876	M	1
108 x 76.1	234310876	M	1
108 x 88.9	234310888	M	1



Equal Tee	MPN	Press Profile	Box Quantity (pieces)
12 x 12 x 12 *	23100121212	M	100
15 x 15 x 15	23100151515	M	80
18 x 18 x 18 *	23100181818	M	60
22 x 22 x 22	23100222222	M	40
28 x 28 x 28	23100282828	M	24
35 x 35 x 35	23100353535	M	12
42 x 42 x 42	23100424242	M	8
54 x 54 x 54	23100545454	M	4
76.1 x 76.1 x 76.1	23100767676	M	1
88.9 x 88.9 x 88.9	23100888888	M	1
108 x 108 x 108	2310108108108	M	1

* Non-UK Product - available on request



Branch Reducing Tee	MPN	Press Profile	Box Quantity (pieces)
15 x 12 x 15 *	23110151215	M	80
15 x 18 x 15 *	23110151815	M	60
15 x 22 x 15	23110152215	M	50
18 x 15 x 18 *	23110181518	M	60
18 x 22 x 18 *	23110182218	M	50
22 x 15 x 22	23110221522	M	40
22 x 18 x 22 *	23110221822	M	40
22 x 28 x 22	23110222822	M	30
28 x 15 x 28	23110281528	M	30
28 x 18 x 28 *	23110281828	M	30
28 x 22 x 28	23110282228	M	30
35 x 15 x 35	23110351535	M	16
35 x 18 x 35 *	23110351835	M	16
35 x 22 x 35	23110352235	M	16
35 x 28 x 35	23110352835	M	16
42 x 22 x 42	23110422242	M	12
42 x 28 x 42	23110422842	M	12
42 x 35 x 42	23110423542	M	10
54 x 22 x 54	23110542254	M	6
54 x 28 x 54	23110542854	M	6
54 x 35 x 54	23110543554	M	6
54 x 42 x 54	23110544254	M	6
76.1 x 22 x 76.1	23110762276	M	1
76.1 x 28 x 76.1	23110762876	M	1
76.1 x 35 x 76.1	23110763576	M	1
76.1 x 42 x 76.1	23110764276	M	1
76.1 x 54 x 76.1	23110765476	M	1
88.9 x 54 x 88.9	23110885488	M	1
88.9 x 76.1 x 88.9	23110887688	M	1
108 x 54 x 108	231110854108	M	1
108 x 66.7 x 108	231110866108	M	1
108 x 76.1 x 108	231110876108	M	1
108 x 88.9 x 108	231110888108	M	1



Branch Reducing Tee	MPN	Press Profile	Box Quantity (pieces)
22 x 15 x 15 (Branch & End Reducing)	23115221515	M	40
22 x 22 x 15 (End Reducing)	23115222215	M	40
28 x 22 x 22 (Branch & End Reducing)	23115282222	M	20
28 x 28 x 22 (End Reducing)	23115282822	M	20

* Non-UK Product - available on request



Female Tee	MPN	Press Profile	Box Quantity (pieces)
12 x 3/8" x 12 *	23120123812	M	80
15 x 1/2" x 15	23120151215	M	60
18 x 1/2" x 18 *	23120181218	M	50
22 x 1/2" x 22	23120221222	M	40
22 x 3/4" x 22	23120223422	M	40
28 x 1/2" x 28	23120281228	M	30
28 x 3/4" x 28	23120283428	M	24
35 x 1/2" x 35	23120351235	M	16
35 x 3/4" x 35	23120353435	M	12
42 x 1/2" x 42	23120421242	M	10
42 x 3/4" x 42	23120423442	M	8
54 x 1/2" x 54	23120541254	M	6
54 x 3/4" x 54	23120543454	M	6
76.1 x 3/4" x 76.1	23120763476	M	1
88.9 x 3/4" x 88.9	23120883488	M	1
108 x 3/4" x 108	231210834108	M	1



Tap Connector	MPN	Press Profile	Box Quantity (pieces)
15 x 3/4"	2307015034	M	50
18 x 3/4" *	2307018034	M	50
22 x 1"	2307022100	M	50
28 x 1 1/4"	2307028114	M	40
35 x 1 1/2"	2307035112	M	24



Male Union	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	2308015012	M	10
18 x 1/2" *	2308018012	M	10
22 x 3/4"	2308022034	M	10
28 x 1"	2308028100	M	8
35 x 1 1/4"	2308035114	M	8
42 x 1 1/2"	2308042112	M	4
54 x 2"	2308054200	M	2



90° Male Transition Elbow	MPN	Press Profile	Box Quantity (pieces)
12 x 3/8" *	2331012038	M	80
15 x 3/8" *	2331015038	M	80
15 x 1/2"	2331015012	M	80
18 x 1/2" *	2331018012	M	60
22 x 3/4"	2331022034	M	50

* Non-UK Product - available on request



Straight Male Socket Adaptor	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	2345015012	M	150
18 x 1/2" *	2345018012	M	120
22 x 3/4"	2345022034	M	80



Straight Female Socket Adaptor	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	2346015012	M	100
18 x 1/2" *	2346018012	M	100
22 x 1/2"	2346022012	M	100
22 x 3/4"	2346022034	M	80
28 x 1"	2346028100	M	80



PN16 Flange	MPN	Press Profile	Box Quantity (pieces)
76.1	2340076	M	1
88.9	2340088	M	1
108	2340108	M	1

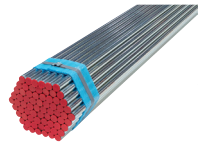


90° Male Elbow (M x M)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	233501212	M	60
15 x 15	233501515	M	60
18 x 18 *	233501818	M	50
22 x 22	233502222	M	40
28 x 28	233502828	M	20
35 x 35	233503535	M	6
42 x 42	233504242	M	2
54 x 54	233505454	M	2

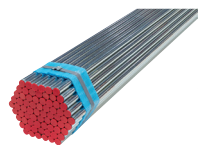


Partial Crossover / Bypass Elbow (M x M)	MPN	Press Profile	Box Quantity (pieces)
12 x 12 *	233601212	M	60
15 x 15	233601515	M	60
18 x 18 *	233601818	M	60
22 x 22	233602222	M	40
28 x 28	233602828	M	16

* Non-UK Product - available on request

**Carbon Steel Pipe (Zinc Plated Outside) DIN EN 10305-3**

	MPN	Bundle Quantity (metres)
PRESS STEEL PIPE 12 x 1.2 *	239001212	600
PRESS STEEL PIPE 15 x 1.2	239001512	840
PRESS STEEL PIPE 18 x 1.2 *	239001812	450
PRESS STEEL PIPE 22 x 1.5	239002215	360
PRESS STEEL PIPE 28 x 1.5	239002815	300
PRESS STEEL PIPE 35 x 1.5	239003515	180
PRESS STEEL PIPE 42 x 1.5	239004215	150
PRESS STEEL PIPE 54 x 1.5	239005415	114
PRESS STEEL PIPE 76.1 x 2.0	239007620	114
PRESS STEEL PIPE 88.9 x 2.0	239008820	60
PRESS STEEL PIPE 108 x 2.0	239010820	60

**Carbon Steel Pipe (Zinc Plated Inside & Out) DIN EN 10305-3**

	MPN	Bundle Quantity (metres)
PRESS STEEL PIPE 15 x 1.2	239801512	840
PRESS STEEL PIPE 22 x 1.5	239002215	360
PRESS STEEL PIPE 28 x 1.5	239002815	300
PRESS STEEL PIPE 35 x 1.5	239003515	180
PRESS STEEL PIPE 42 x 1.5	239004215	150
PRESS STEEL PIPE 54 x 1.5	239005415	114
PRESS STEEL PIPE 76.1 x 2.0	239007620	114
PRESS STEEL PIPE 88.9 x 2.0	239008820	60
PRESS STEEL PIPE 108 x 2.0	239010820	60

* Non-UK Product - available on request

Specification

Materials:

- Formed components (**fittings**) material no.: 1.0034 according to EN 10305, ext. galvanised
- Casting components (**threaded fittings**) material no.: 1.0034 according to EN 10305, ext. galvanised
- **Pipe** material no.: 1.0034 according to EN 10305-3, ext. galvanised

Pipes and **Fittings** are produced from unalloyed E 195 (RSt 34-2) steel with a galvanised coating not less than 8 micron.

Guarantee:

Provided your PRESS STEEL M (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);
- Compressed Air Systems;
- Sprinkler Systems;
- Solar Thermal (closed systems ONLY when specified as Carbon Industry with **FKM** grade seals).

Pressure and temperature ratings:

When used alongside fittings with **EPDM** seals for applications other than Compressed Air:

- 15-108mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with **EPDM** seals for Compressed Air applications:

- 15-108mm: (PN16) 16 bar -30°C to +120°C

When used for Solar Thermal applications:

- Max. temperature allowed is +210°C at 10 bar; the usual operating temperatures should be in the region of +180°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 M (Carbon Steel) fittings follow the popular 'M' Profile and, therefore, are pressable with all suitable and system-compatible 'M' Profile pressing tools. Please see manufacturers' website for details on pressing tools.



Errors and omissions accepted (E&OE)

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