



Connections for building

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Press fitting system for heating, solar heating, potable water, gas, steam, air conditioning, compressed air & hot oils -
 Advantages: easy to install, very reliable, low weight, no fire risk during installation - Material: stainless steel 316 for fittings, stainless steel 304 & 316 for pipes - Supplied with EPDM gasket - FKM gasket available for solar use & hot oils -
 Max. pressure: 16 bar - **M type press jaw** - Length pipe: 5m & 6m -
 ⚠ The pipes are only sold by multiple of mentioned bundles - Please consult for specific freight charges.



Stainless steel pipes

Stainless steel 304 & 316 thin welded pipes



Ø	length (m)	weight (kg/m)	bundle (m)	304 code	316 code
15 x 0,6	5	0,216	425	2TRS15M	4TRS15M
18 x 0,7	5	0,303	425	2TRS18M	4TRS18M
22 x 0,7	5	0,373	425	2TRS22M	4TRS22M
28 x 0,8	5	0,545	425	2TRS28M	4TRS28M
35 x 1	5	0,851	280	2TRS35M	4TRS35M
42 x 1,2	5	1,230	280	2TRS42M	4TRS42M
54 x 1,2	5	1,470	220	2TRS54M	4TRS54M
76,1 x 2	6	3,711	144	2TRS76M	4TRS76M

Stainless steel 316 standard welded pipes



Ø	length (m)	weight (kg/m)	bundle (m)	code
15 x 1	6	0,351	510	4TRS151
18 x 1	6	0,426	510	4TRS181
22 x 1,2	6	0,625	510	4TRS2212
28 x 1,2	6	0,805	510	4TRS2812
35 x 1,5	6	1,258	336	4TRS3515
42 x 1,5	6	1,521	336	4TRS4215
54 x 1,5	6	1,972	265	4TRS5415

Press fittings

Union connector male



Ø	15-1/2"	18-1/2"	22-3/4"	28-1"	35-1"1/4	42-1"1/2	54-2"
pack	10	10	10	5	5	2	2
code	RUMS1515	RUMS1815	RUMS2220	RUMS2825	RUMS3532	RUMS4240	RUMS5450

Union connector female



Ø	15-1/2"	18-1/2"	22-3/4"	28-1"	35-1"1/4	42-1"1/2	54-2"
pack	10	10	10	5	5	2	2
code	RUFS1515	RUFS1815	RUFS2220	RUFS2825	RUFS3532	RUFS4240	RUFS5450

Union connector female



Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	RUS15	RUS18	RUS22	RUS28	RUS35	RUS42	RUS54

Elbow 90° female/female



Ø	15	18	22	28	35	42	54	76,1	108
pack	10	10	10	5	5	2	2	1	1
code	CS15	CS18	CS22	CS28	CS35	CS42	CS54	CS76	CS108

Elbow 90° male/female



Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	CLS15	CLS18	CLS22	CLS28	CLS35	CLS42	CLS54

Elbow 45° female/female



Ø	15	18	22	28	35	42	54	76,1	108
pack	10	10	10	5	5	2	2	1	1
code	CS4515	CS4518	CS4522	CS4528	CS4535	CS4542	CS4554	CS4576	CS45108

Elbow 45° male/female



Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	CLS4515	CLS4518	CLS4522	CLS4528	CLS4535	CLS4542	CLS4554

Diversion elbow



Ø	15	18	22
pack	10	10	10
code	CDLS15	CDLS18	CDLS22

By-pass



Ø	15-15	18-18	22-22	28-28
pack	10	10	10	5
code	CHAS15	CHAS18	CHAS22	CHAS28

Crosier bracket



Ø	15	18	22
pack	5	5	5
code	CACS15	CACS18	CACS22

Elbow 90° female/free nut



Ø	15-1/2"	18-1/2"	18-3/4"	22-3/4"	22-1"
pack	10	10	10	10	10
code	CSET1515	CSET1815	CSET1820	CSET2220	CSET2225

Elbow 90° female/female threaded



Ø	15-1/2"	18-1/2"	22-3/4"	28-1"	35-1 1/4"
pack	10	10	10	5	5
code	CFS1515	CFS1815	CFS2220	CFS2825	CFS3532

Elbow 90° female/female threaded static



Ø	15-1/2"	18-1/2"	22-3/4"	28-1"
pack	10	10	10	5
code	CFSP1515	CFSP1815	CFSP2220	CFSP2825

Elbow 15°



Ø	28	35	42	54
pack	5	5	2	2
code	CAS1528	CAS1535	CAS1542	CAS1554

Elbow 30°



Ø	28	35	42	54
pack	5	5	2	2
code	CAS3028	CAS3035	CAS3042	CAS3054

Elbow 60°



Ø	28	35	42	54
pack	5	5	2	2
code	CAS6028	CAS6035	CAS6042	CAS6054

Elbow 90°



Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	CAS9015	CAS9018	CAS9022	CAS9028	CAS9035	CAS9042	CAS9054

Equal nipple



Ø	15	18	22	28	35	42	54	76,1
pack	10	10	10	5	5	2	2	1
code	MS15	MS18	MS22	MS28	MS35	MS42	MS54	MS76

Long equal nipple



Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	MLS15	MLS18	MLS22	MLS28	MLS35	MLS42	MLS54



Expansion joint

Ø	15	18	22	28	35	42	54
pack	1	1	1	1	1	1	1
code	MDS15	MDS18	MDS22	MDS28	MDS35	MDS42	MDS54



Cap female

Ø	15	18	22	28	35	42	54	76	88	108
pack	10	10	10	5	5	2	2	1	1	1
code	BFS15	BFS18	BFS22	BFS28	BFS35	BFS42	BFS54	BFS76	BFS88	BFS108



Reducer male/female

Ø	18-15	22-15	22-18	28-15	28-18	28-22	35-15	35-18	35-22	35-28
pack	10	10	10	5	5	5	5	5	5	5
code	RLS1815	RLS2215	RLS2218	RLS2815	RLS2818	RLS2822	RLS3515	RLS3518	RLS3522	RLS3528

Ø	42-15	42-18	42-22	42-28	42-35	54-15	54-18	54-22	54-28	54-35
pack	2	2	2	2	2	2	2	2	2	2
code	RLS4215	RLS4218	RLS4222	RLS4228	RLS4235	RLS5415	RLS5418	RLS5422	RLS5428	RLS5435

Ø	54-42	76-42	76,1-54	88,9-54	88,9-76,1	108-54	108-76
pack	2	1	1	1	1	1	1
code	RLS5442	RLS7642	RLS7654	RLS8854	RLS8876	RLS10854	RLS10876



Adapter female/male threaded

Ø	15-3/8"	15-1/2"	15-3/4"	18-1/2"	18-3/4"	22-1/2"	22-3/4"	22-1"	28-3/4"	28-1"
pack	10	10	10	10	10	10	10	10	5	5
code	AMS1510	AMS1515	AMS1520	AMS1815	AMS1820	AMS2215	AMS2220	AMS2225	AMS2820	AMS2825

Ø	28-1"1/4	35-1"	35-1"1/4	35-1"1/2	42-1"1/4	42-1"1/2	54-1"1/2	54-2"	76,1-2"1/2	88,9-3"
pack	5	5	5	5	2	2	2	2	1	1
code	AMS2832	AMS3525	AMS3532	AMS3540	AMS4232	AMS4240	AMS5440	AMS5450	AMS7665	AMS8880



Adapter female/female threaded

Ø	15-1/2"	15-3/4"	18-1/2"	18-3/4"	22-1/2"	22-3/4"	22-1"	28-3/4"	28-1"	28-1"1/4
pack	10	10	10	10	10	10	10	5	5	5
code	AFS1515	AFS1520	AFS1815	AFS1820	AFS2215	AFS2220	AFS2225	AFS2820	AFS2825	AFS2832

Ø	35-1"	35-1"1/4	35-1"1/2	42-1"1/4	42-1"1/2	54-1"1/2	54-2"
pack	5	5	2	2	2	2	2
code	AFS3525	AFS3532	AFS3540	AFS4232	AFS4240	AFS5440	AFS5450



Adapter female/free nut

Ø	15-1/2"	15-3/4"	18-1/2"	18-3/4"	22-3/4"	22-1"	28-1"	28-1"1/4	35-1"1/4	42-1"1/2
pack	10	10	10	10	10	10	5	5	5	2
code	ETS1515	ETS1520	ETS1815	ETS1820	ETS2220	ETS2225	ETS2825	ETS2832	ETS3532	ETS4240

Ø	42-2"	54-2"	54-2"1/2	76,1-2"1/2
pack	2	2	2	1
code	ETS4250	ETS5450	ETS5465	ETS7665



Flanged adapter

Ø	15	18	22	28	35	42	54	76,1	88,9
pack	2	2	2	2	2	2	2	1	1
code	ABS15	ABS18	ABS22	ABS28	ABS35	ABS42	ABS54	ABS76	ABS88



Equal Tee

Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	10	10	10	5	5	2	2	1	1	1
code	TS15	TS18	TS22	TS28	TS35	TS42	TS54	TS76	TS88	TS108



Tee threaded female

Ø	15-1/2"-15	18-1/2"-18	18-3/4"-18	22-1/2"-22	22-3/4"-22	28-1/2"-28	28-3/4"-28	35-1/2"-35	35-3/4"-35	42-1/2"-42
pack	10	10	10	10	10	5	5	5	5	2
code	TFS1515	TFS1815	TFS1820	TFS2215	TFS2220	TFS2815	TFS2820	TFS3515	TFS3520	TFS4215
Ø	42-3/4"-42	54-1/2"-54	54-3/4"-54	54-2"-54	76-3/4"-76	76-2"-76	88-3/4"-88	88-2"-88	108-3/4"-108	108-2"-108
pack	2	2	2	2	1	1	1	1	1	1
code	TFS4220	TFS5415	TFS5420	TFS5450	TFS7620	TFS7650	TFS8820	TFS8850	TFS10820	TFS10850



Reduced tee

Ø	18-15-18	22-15-22	22-18-22	28-15-28	28-18-28	28-22-28	35-15-35	35-18-35	35-22-35	35-28-35
pack code	10	10	10	5	5	5	5	5	5	5
	TRS1815	TRS2215	TRS2218	TRS2815	TRS2818	TRS2822	TRS3515	TRS3518	TRS3522	TRS3528
Ø	42-22-42	42-28-42	42-35-42	54-22-54	54-28-54	54-35-54	54-42-54	76-22-76	76-28-76	76-35-76
pack code	2	2	2	2	2	2	2	1	1	1
	TRS4222	TRS4228	TRS4235	TRS5422	TRS5428	TRS5435	TRS5442	TRS7622	TRS7628	TRS7635
Ø	76,1-42-76,1	76,1-54-76,1	88-22-88	88-28-88	88-35-88	88-42-88	88-54-88	108-22-108	108-28-108	108-35-108
pack code	1	1	1	1	1	1	1	1	1	1
	TRS7642	TRS7654	TRS8822	TRS8828	TRS8835	TRS8842	TRS8854	TRS10822	TRS10828	TRS10835
Ø	108-42-108	108-54-108	108-76-108	108-88,9-108						
pack code	1	1	1	1						
	TRS10842	TRS10854	TRS10876	TRS10888						



Spare EPDM gasket - Main use

Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	JS15	JS18	JS22	JS28	JS35	JS42	JS54



Spare FKM gasket - Solar & hot oils uses

Ø	15	18	22	28	35	42	54
pack	10	10	10	5	5	2	2
code	JVS15	JVS18	JVS22	JVS28	JVS35	JVS42	JVS54



Metric clamp

Ø	10	12	15	18	22	28
code	CSM10	CSM12	CSM15	CSM18	CSM22	CSM28



Single clamp with wood screw thread

Ø	10	12	15	18	22	28	35	42
code	CSB10	CSB12	CSB15	CSB18	CSB22	CSB28	CSB35	CSB42



Double clamp with wood screw thread

Ø	10	15	18	22
code	CDB10	CDB15	CDB18	CDB22



Press jaw

Ø	15	18	22	28	35	42	54
code	PS15	PS18	PS22	PS28	PS35	PS42	PS54



Press pilier set

Ø	230V Ø<76,1*	battery Ø<76,1**
code	MACHSERTSECT	MACHSERT

* includes 230V press plier; jaw not supplied. ** includes cordless press plier with battery & charger; jaw not supplied.



Press fitting system for heating, solar heating, air conditioning & compressed air installations - Advantages: easy to install, very reliable, low weight, no fire risk during installation - Material: external & internal galvanised E195 carbon steel - 10 µm thickness galvanisation - Black marking on each pipe & fitting - Toroidal seat for better tightness - Manufactured acc. to EN10305 - Supplied with EPDM (black) gasket - FKM (green) gasket available for solar use - Lens designed gasket for better tightness - Max. pressure: 16 bar up to Ø 54, 10 bar above - Temperature range: -25°C/+110°C with EPDM gasket, -20°C/+220°C with FKM gasket - **M type press jaw**.
⚠ Please consult for pipe min. quantities & specific freight charges.



Galvanised carbon steel pipes

Pipes



Ø	Ø int (mm)	3 m*		
		weight (kg/m)	bundle (m)	code
15 x 1,2	12,6	0,408	468	EZ15.3
18 x 1,2	15,6	0,497	396	EZ18.3
22 x 1,5	19	0,824	216	EZ22.3
28 x 1,5	25	1,052	168	EZ28.3
35 x 1,5	32	1,320	132	EZ35.3
42 x 1,5	39	1,620	108	EZ42.3
54 x 1,5	51	2,098	84	EZ54.3
76,1 x 2,0	72,1	3,652	48	EZ76.3
88,9 x 2,0	84,9	4,290	36	EZ88.3
108 x 2,0	104	5,230	27	EZ108.3

*while stocks last

NEW

6 m		
weight (kg/m)	bundle (m)	code
0,391	936	EZ15
0,476	792	EZ18
0,790	432	EZ22
1,008	336	EZ28
1,265	264	EZ35
1,553	216	EZ42
2,011	168	EZ54
3,500	48	EZ76
4,111	48	EZ88
5,017	36	EZ108

Press fittings

Elbow 90° female/female



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	10	10	5	5	2	2	1	1
code	EZC15	EZC18	EZC22	EZC28	EZC35	EZC42	EZC54	EZC76	EZC88	EZC108

Elbow 90° male/female



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	10	10	5	5	2	2	1	1
code	EZCTU15	EZCTU18	EZCTU22	EZCTU28	EZCTU35	EZCTU42	EZCTU54	EZCTU76	EZCTU88	EZCTU108

Elbow 45° female/female



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	10	10	5	5	2	2	1	1
code	EZC4515	EZC4518	EZC4522	EZC4528	EZC4535	EZC4542	EZC4554	EZC4576	EZC4588	EZC45108

Elbow 45° male/female



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	10	10	5	5	2	2	1	1
code	EZCTU4515	EZCTU4518	EZCTU4522	EZCTU4528	EZCTU4535	EZCTU4542	EZCTU4554	EZCTU4576	EZCTU4588	EZCTU45108

Elbow female threaded



Ø	1/2"-22	3/4"-22	1"-28	1 1/4"-35	1 1/2"-42	2"-54
pack	10	10	5	5	5	5
code	EZCF222	EZCF422	EZCF1028	EZCF1435	EZCF1242	EZCF2054

Elbow male threaded



Ø	3/8"-15	1/2"-15	1/2"-18	3/4"-22	1"-28	1 1/4"-35	1 1/2"-42	2"-54
pack	20	10	10	10	5	5	2	2
code	EZCM815	EZCM215	EZCM218	EZCM422	EZCM1028	EZCM1435	EZCM1242	EZCM2054



Short elbow 90° threaded male

Ø	3/8"-15	1/2"-15	1/2"-18	3/4"-22	1"-28
pack	20	20	20	10	10
code	EZCCM815	EZCCM215	EZCCM218	EZCCM422	EZCCM1028



Short elbow 90° threaded female

Ø	3/4"-22	1/2"-28	3/4"-28
pack	10	10	10
code	EZCCF422	EZCCF228	EZCCF428



Equal tee

Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	20	10	4	4	2	1	1	1
code	EZT15	EZT18	EZT22	EZT28	EZT35	EZT42	EZT54	EZT76	EZT88	EZT108



Tee threaded female

Ø	15-1/2"-15	18-1/2"-18	22-1/2"-22	22-3/4"-22	28-1/2"-28	28-3/4"-28	28-1"-28	35-1/2"-35	35-3/4"-35
pack code	20	20	10	10	10	10	5	5	5
	EZTF215	EZTF218	EZTF222	EZTF422	EZTF228	EZTF428	EZTF1028	EZTF235	EZTF435
Ø	35-1"-35	42-1/2"-42	42-1"-42	42-3/4"-42	54-1/2"-54	54-1"-54	54-3/4"-54	76,1-3/4"-76,1	76,1-2"-76,1
pack code	5	4	2	4	2	2	2	1	1
	EZTF1035	EZTF242	EZTF1042	EZTF442	EZTF254	EZTF1054	EZTF454	EZTF476	EZTF2076
Ø	88,9-3/4"-88,9	88,9-2"-88,9	108-3/4"-108						
pack code	1	1	1						
	EZTF488	EZTF2088	EZTF4108						



Reduced tee

Ø	18-15-18	22-15-22	22-18-22	28-15-28	28-18-28	28-22-28	35-15-35	35-18-35	35-22-35
pack code	10	10	10	10	10	10	5	5	5
	EZT181518	EZT221522	EZT221822	EZT281528	EZT281828	EZT282228	EZT351535	EZT351835	EZT352235
Ø	35-28-35	42-15-42	42-22-42	42-28-42	42-35-42	54-15-54	54-22-54	54-28-54	54-35-54
pack code	5	4	4	4	4	2	2	2	2
	EZT352835	EZT421542	EZT422242	EZT422842	EZT423542	EZT541554	EZT542254	EZT542854	EZT543554
Ø	54-42-54	76,1-28-76,1	76,1-35-76,1	76,1-42-76,1	76,1-54-76,1	88,9-28-88,9	88,9-35-88,9	88,9-42-88,9	88,9-54-88,9
pack code	2	2	2	1	1	1	1	1	1
	EZT544254	EZT762876	EZT763576	EZT764276	EZT765476	EZT882888	EZT883588	EZT884288	EZT885488
Ø	88,9-76,1-88,9	108-28-108	108-35-108	108-42-108	108-54-108	108-76,1-108	108-88,9-108		
pack code	1	1	1	1	1	1	1		
	EZT887688	EZT10828108	EZT10835108	EZT10842108	EZT10854108	EZT10876108	EZT10888108		



Equal nipple

Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	20	10	10	5	2	2	2	1
code	EZMA15	EZMA18	EZMA22	EZMA28	EZMA35	EZMA42	EZMA54	EZMA76	EZMA88	EZMA108



Reduced nipple

Ø	18-15	22-15	22-18	28-15	28-22	35-15	35-22	35-28	42-35	54-28	54-35	54-42
pack	10	10	10	5	5	5	5	5	5	5	5	4
code	EZMA1815	EZMA2215	EZMA2218	EZMA2815	EZMA2822	EZMA3515	EZMA3522	EZMA3528	EZMA4235	EZMA5428	EZMA5435	EZMA5442



Reducer male/female

Ø	18-15	22-15	22-18	28-15	28-18	28-22	35-15	35-18	35-22	35-28	42-18	42-22	42-28
pack	20	20	20	20	20	20	10	10	10	10	4	4	4
code	EZTU1815	EZTU2215	EZTU2218	EZTU2815	EZTU2818	EZTU2822	EZTU3515	EZTU3518	EZTU3522	EZTU3528	EZTU4218	EZTU4222	EZTU4228
Ø	42-35	54-18	54-22	54-28	54-35	54-42	76,1-42	76,1-54	88,9-54	88,9-76,1	108-54	108-76,1	108-88,9
pack	4	4	4	4	4	4	4	4	4	4	2	2	2
code	EZTU4235	EZTU5418	EZTU5422	EZTU5428	EZTU5435	EZTU5442	EZTU7642	EZTU7654	EZTU8854	EZTU8876	EZTU10854	EZTU10876	EZTU10888



Long nipple

Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	5	4	4	3	5	5	4	3	2	1
code	EZMAL15	EZMAL18	EZMAL22	EZMAL28	EZMAL35	EZMAL42	EZMAL54	EZMAL76	EZMAL88	EZMAL108



Adapter female

Ø	3/8"-15	1/2"-15	3/4"-15	1/2"-18	3/4"-18	1/2"-22	3/4"-22	1"-22	1/2"-28	3/4"-28
pack	20	20	10	20	10	10	10	10	20	10
code	EZF815	EZF215	EZF415	EZF218	EZF418	EZF222	EZF422	EZF1022	EZF228	EZF428

Ø	1"-28	3/4"-35	1"-35	1"1/4-35	1"1/2-42	2"-54
pack	10	10	5	5	4	4
code	EZF1028	EZF435	EZF1035	EZF1435	EZF1242	EZF2054



Adapter male (conical)

Ø	3/8"-15	1/2"-15	3/4"-15	1/2"-18	3/4"-18	1/2"-22	3/4"-22	1"-22	3/4"-28	1"-28
pack	20	20	10	20	10	10	10	10	10	10
code	EZM815	EZM215	EZM415	EZM218	EZM418	EZM222	EZM422	EZM1022	EZM428	EZM1028

Ø	1"1/4-28	1"-35	1"1/4-35	1"1/2-35	1"1/2-42	1"1/2-54	2"-54	2"1/2-76,1	3"-88,9	4"-108
pack	5	5	5	5	4	4	4	2	2	1
code	EZM1428	EZM1035	EZM1435	EZM1235	EZM1242	EZM1254	EZM2054	EZM2276	EZM3088	EZM40108



Union connector female

Ø	3/4"-22	1"-22	1"-28	1"1/4-35	1"1/2-42	2"-54
pack	2	2	2	2	2	2
code	EZUF422	EZUF1022	EZUF1028	EZUF1435	EZUF1242	EZUF2054



Union connector male (conical)

Ø	1/2"-15	1/2"-18	3/4"-22	1"-22	1"-28	1"1/4-35	1"1/2-42	2"-54
pack	2	2	2	2	2	2	2	2
code	EZUM215	EZUM218	EZUM422	EZUM1022	EZUM1028	EZUM1435	EZUM1242	EZUM2054



Free nut female

Ø	3/4"-15	3/4"-18	3/4"-22	1"-22	1"1/4-28	1"1/2-35	2"-42
pack	10	10	10	10	10	4	2
code	EZE415	EZE418	EZE422	EZE1022	EZE1428	EZE1235	EZE2042



Cap female

Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	10	10	10	5	5	2	2	2	2
code	EZBOUF15	EZBOUF18	EZBOUF22	EZBOUF28	EZBOUF35	EZBOUF42	EZBOUF54	EZBOUF76	EZBOUF88	EZBOUF108

Valve

Ø	15	18	22	28	35	42	54
pack	5	5	4	3	6	3	2
code	EZVAN15	EZVAN18	EZVAN22	EZVAN28	EZVAN35	EZVAN42	EZVAN54

Flange PN16

Ø	76,1	88,9	108
DN	65	80	100
pack	1	1	1
code	EZBRI76	EZBRI88	EZBRI108



Adjusting elbow 90°

Ø	15	18	22	28	35	42	54
pack	20	20	10	10	4	2	2
code	EZCAJ15	EZCAJ18	EZCAJ22	EZCAJ28	EZCAJ35	EZCAJ42	EZCAJ54

Overpass



Ø	15	18	22	28
pack	10	10	10	10
code	EZDA15	EZDA18	EZDA22	EZDA28

Fitting to be welded



Ø	48,3-42*	60,3-54*	76,1-76,1**	88,9-88,9**	114,3-108**
pack	2	2	2	2	2
code	EZAS4248	EZAS5460	EZAS7676	EZAS8888	EZAS108114

* length: 120 mm

** length: 200 mm

Spare EPDM gasket - Main use



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	20	20	20	20	20	10	10	10
code	EZJCHA15	EZJCHA18	EZJCHA22	EZJCHA28	EZJCHA35	EZJCHA42	EZJCHA54	EZJCHA76	EZJCHA88	EZJCHA108

Spare FKM gasket - Solar use



Ø	15	18	22	28	35	42	54	76,1	88,9	108
pack	20	20	20	20	20	20	20	10	10	10
code	EZJSOL15	EZJSOL18	EZJSOL22	EZJSOL28	EZJSOL35	EZJSOL42	EZJSOL54	EZJSOL76	EZJSOL88	EZJSOL108

Tools



Cutter-pipe Ø 12 to 67

code	
EZCT	



Off-burr tool Ø 10 to 54

code	
EZEBA54	



Template Ø 15 to 54

code	
EZGAB	



Cutter-pipe blade Ø 12 to 67

code	
EZCTLA	



Off-burr tool Ø 63 to 110

code	
EZEBA110	



Fitting protection band

code	
EZRUB	

5 m x 9,15 m

Press plier Ø 15 to 25



code	
PINK2	



Press jaw Ø 15 to 22

Ø	15	18	22
code	EZMAC15	EZMAC18	EZMAC22

Press plier Ø 15 to 54



code	
SER54	



Press jaw Ø 15 to 35

Ø	15	18	22	28	35
code	EZMACSER15	EZMACSER18	EZMACSER22	EZMACSER28	EZMACSER35

Chain support Ø 42 to 54



code	
EZSUPCHA54	

+



Chain Ø 42 to 54

Ø	15	18
code	EZCHA42	EZCHA54

Press plier Ø 15 to 108



code	
SER108	



Press jaw Ø 15 to 35

Ø	15	18	22	28	35
code	EZMACSER15	EZMACSER18	EZMACSER22	EZMACSER28	EZMACSER35

Chain support Ø 42 to 108



Ø	42 to 54	76,1 to 108
code	EZSUPCHA54	EZSUPCHA108

+



Chain Ø 42 to 108

Ø	42	54	76,1	88,9	108
code	EZCHA42	EZCHA54	EZCHA76	EZCHA88	EZCHA108

Copper welding fittings

For copper pipes



For heating & sanitary, cold & hot water, gas oil & gas - Acc. to EN 1254-1 -
Mandatory packing: 10 pcs up to Ø28, individual above.



5001 A - Bend 90° C x Ftg female/male solder end



Ø	10	12	14	15	16	18	22	28	32	35
box	1 500	900	700	550	550	350	200	100	80	65
code	5001A10	5001A12	5001A14	5001A15	5001A16	5001A18	5001A22	5001A28	5001A32	5001A35
Ø	40	42	52	54	63	64	76	89	108	
box	40	35	15	15	-	-	-	-	-	
code	5001A40	5001A42	5001A52	5001A54	5001A63	5001A64	5001A76	5001A89	5001A108	

5002 A - Bend 90° C x C female/female solder end



Ø	10	12	14	15	16	18	22	28	32	35
box	1 400	1 000	550	550	500	350	200	100	95	65
code	5002A10	5002A12	5002A14	5002A15	5002A16	5002A18	5002A22	5002A28	5002A32	5002A35
Ø	40	42	52	54	63	64	76	89	108	
box	40	35	15	15	-	-	-	-	-	
code	5002A40	5002A42	5002A52	5002A54	5002A63	5002A64	5002A76	5002A89	5002A108	

5040 - Bend 45° C x Ftg female/male solder end



Ø	10	12	14	15	16	18	22	28	32	35
box	1 800	1 300	850	700	750	400	280	160	130	110
code	504010	504012	504014	504015	504016	504018	504022	504028	504032	504035
Ø	40	42	52	54	63	64	76	89	108	
box	70	60	25	30	-	-	-	-	-	
code	504040	504042	504052	504054	504063	504064	504076	504089	504108	

5041 - Bend 45° C x C female/female solder end



Ø	10	12	14	15	16	18	22	28	32	35
box	1 500	1 200	700	800	600	450	280	150	120	100
code	504110	504112	504114	504115	504116	504118	504122	504128	504132	504135
Ø	40	42	52	54	63	64	76	89	108	
box	70	60	25	25	-	-	-	-	-	
code	504140	504142	504152	504154	504163	504164	504176	504189	5041108	

5090 - Elbow 90° C x C female/female solder end



Ø	6	8	10	12	14	15	16	18	20	22	28
box	3 000	2 000	1 800	1 000	800	700	600	450	300	280	150
code	509006	509008	509010	509012	509014	509015	509016	509018	509020	509022	509028
Ø	32	35	40	42	52	54	63	64	76		
box	120	90	55	55	20	20	-	-	-		
code	509032	509035	509040	509042	509052	509054	509063	509064	509076		

5092 - Elbow 90° C x Ftg female/male solder end



Ø	10	12	14	15	16	18	22	28	32	35
box	1 500	1 200	800	700	600	400	250	130	120	80
code	509210	509212	509214	509215	509216	509218	509222	509228	509232	509235
Ø	40	42	52	54	63	64				
box	55	50	20	20	-	-				
code	509240	509242	509252	509254	509263	509264				



5130 - Equal tee C x C x C x female solder end

Ø	6	8	10	12	14	15	16	18	22	28	32
box	3 000	1 500	1 000	800	500	500	400	300	160	90	70
code	513006TH	513008TH	513010	513012	513014	513015	513016	513018	513022	513028	513032
Ø	35	40	42	52	54	63	64	76	89	108	
box	60	35	30	15	15	-	-	-	-	-	
code	513035	513040	513042	513052	513054	513063	513064	513076	513089	513108	



5130 - Reduced tee C x C x C female solder end

Ø	12-08-12	12-10-10	12-10-12	12-12-10	12-14-12	12-15-12	12-16-12	12-18-12	14-10-14	14-12-12	14-12-14	14-14-12
box	1 000	1 000	1 000	800	600	500	450	350	700	550	550	600
code	5130120812	5130121010	5130121012	5130121210	5130121412	5130121512	5130121612	5130121812	5130141014	5130141212	5130141214	5130141412
Ø	14-16-14	14-18-14	15-12-15	15-15-12	15-18-15	15-22-15	16-12-12	16-12-14	16-12-16	16-14-12	16-14-14	16-14-16
box	500	300	500	500	300	200	600	500	500	500	500	500
code	5130141614	5130141814	5130151215	5130151512	5130151815	5130152215	5130161212	5130161214	5130161216	5130161412	5130161414	5130161416
Ø	16-16-12	16-16-14	16-18-14	16-18-16	16-22-16	18-12-12	18-12-16	18-12-18	18-14-14	18-14-16	18-14-18	18-15-15
box	450	400	300	300	200	400	400	380	350	350	350	360
code	5130161612	5130161614	5130161814	5130161816	5130162216	5130181212	5130181216	5130181218	5130181414	5130181416	5130181418	5130181515
Ø	18-15-18	18-16-14	18-16-16	18-16-18	18-18-14	18-18-16	18-22-18	22-12-22	22-14-18	22-14-22	22-15-22	22-16-16
box	300	350	350	300	300	300	200	250	250	250	200	250
code	5130181518	5130181614	5130181616	5130181618	5130181814	5130181816	5130182218	5130221222	5130221418	5130221422	5130221522	5130221616
Ø	22-16-18	22-16-22	22-18-14	22-18-16	22-18-18	22-18-22	22-22-14	22-22-16	22-22-18	22-28-22	28-12-28	28-14-28
box	250	200	250	250	250	200	200	200	180	100	140	140
code	5130221618	5130221622	5130221814	5130221816	5130221818	5130221822	5130222214	5130222216	5130222218	5130222822	5130281228	5130281428
Ø	28-16-28	28-18-18	28-18-22	28-18-28	28-22-22	28-22-28	28-28-18	28-28-22	28-35-28	32-22-32	32-28-32	35-18-35
box	130	140	120	120	100	100	100	80	65	90	80	100
code	5130281628	5130281818	5130281822	5130281828	5130282222	5130282228	5130282818	5130282822	5130283528	5130322232	5130322832	5130351835
Ø	35-22-28	35-22-35	35-28-28	35-28-35	35-35-22	35-35-28	35-42-35	42-22-42	42-28-42	42-35-42	54-22-54	54-28-54
box	90	85	80	75	60	55	40	50	50	40	30	25
code	5130352228	5130352235	5130352828	5130352835	5130353522	5130353528	5130354235	5130422242	5130422842	5130423542	5130542254	5130542854
Ø	54-35-54	54-42-54	63-28-63	64-35-64	64-42-64							
box	25	20	-	-	-							
code	5130543554	5130544254	5130632863	5130643564	5130644264							



5270 - Socket C x C female/female solder end

Ø	6	8	10	12	14	15	16	18	20	22	28	32
box	3 500	3 000	1 700	1 500	1 200	1 000	1 000	700	400	400	200	200
code	527006TH	527008TH	527010	527012	527014	527015	527016	527018	527020	527022	527028	527032
Ø	35	36	40	42	52	54	63	64	76	89	108	
box	170	150	100	90	50	45	-	-	-	-	-	
code	527035	527036	527040	527042	527052	527054	527063	527064	527076	527089	527108	



5301 - Cap C female solder end

Ø	10	12	14	15	16	18	22	28	35	42	54	63	76
box	3 000	2 500	2 000	1 500	1 200	1 000	800	400	250	150	90	-	-
code	530110	530112	530114	530115	530116	530118	530122	530128	530135	530142	530154	530163	530176



5240 - Reduced socket C x C female/female solder end

Ø	8-6	10-8	12-10	14-10	14-12	15-12	15-14	16-10	16-12	16-14	16-15
box	3 000	2 000	1 500	1 400	1 000	1 100	1 000	1 200	1 200	1 000	1 100
code	52400806	52401008	52401210	52401410	52401412	52401512	52401514	52401610	52401612	52401614	52401615
Ø	18-10	18-12	18-14	18-15	18-16	20-18	22-12	22-14	22-16	22-18	22-20
box	900	900	800	800	700	500	500	500	500	500	400
code	52401810	52401812	52401814	52401815	52401816	52402018	52402212	52402214	52402216	52402218	52402220
Ø	28-12	28-14	28-16	28-18	32-22	32-28	35-22	35-28	40-28	40-32	42-18
box	300	280	280	280	200	180	150	140	80	100	100
code	52402812	52402814	52402816	52402818	52403222	52403228	52403522	52403528	52404028	52404032	52404218
Ø	42-22	42-28	42-32	42-35	52-32	52-42	54-28	54-35	54-42	63-28	63-42
box	130	80	100	60	60	40	40	50	40	-	-
code	52404222	52404228	52404232	52404235	52405232	52405242	52405428	52405435	52405442	52406328	52406342
Ø	63-54	64-42	64-54	76-42	76-54	76-64	89-76	108-89			
box	-	-	-	-	-	-	-	-			
code	52406354	52406442	52406454	52407642	52407654	52407664	52408976	524010889			



5243 - Reduced socket C x Ftg female/male solder end

Ø	8-6	10-8	12-8	12-10	14-10	14-12	15-12	16-10	16-12	16-14	16-15
box	3 000	3 000	2 000	2 000	1 300	1 200	1 200	1 200	1 100	1 000	1 000
code	52430806	52431008	52431208	52431210	52431410	52431412	52431512	52431610	52431612	52431614	52431615
Ø	18-10	18-12	18-14	18-15	18-16	22-12	22-14	22-15	22-16	22-18	28-12
box	1 000	800	800	800	800	600	550	550	550	500	300
code	52431810	52431812	52431814	52431815	52431816	52432212	52432214	52432215	52432216	52432218	52432812
Ø	28-14	28-16	28-18	28-22	32-18	32-22	32-28	35-22	35-28	40-28	40-32
box	300	300	300	280	200	200	160	180	140	120	120
code	52432814	52432816	52432818	52432822	52433218	52433222	52433228	52433522	52433528	52434028	52434032
Ø	42-22	42-28	42-32	42-35	54-22	54-28	54-35	54-42	63-42	64-35	64-42
box	100	100	80	60	60	60	50	40	-	-	-
code	52434222	52434228	52434232	52434235	52435422	52435428	52435435	52435442	52436342	52436435	52436442
Ø	64-54	76-54	76-64	89-54	89-64	89-76	108-76				
box	-	-	-	-	-	-	-				
code	52436454	52437654	52437664	52438954	52438964	52438976	524310876				



5060 - Bend 180° C x C female/female solder end

Ø	10	12	14	15	16	18	22	28
box	800	500	300	200	200	180	90	50
code	506010	506012	506014	506015	506016	506018	506022	506028



5085 - Crossover C x C female solder end

Ø	12	14	15	16	18	22
box	300	200	200	180	120	70
code	508512	508514	508515	508516	508518	508522



5086 - Crossover C x Ftg female/male solder end

Ø	12	14	15	16	18	22
box	400	250	250	250	180	100
code	508612	508614	508615	508616	508618	508622



Brass compression fittings with brass olive



Recommended tightness torque: 10 to 15 Nm for 3/8", 15 to 20 Nm for 1/2", 20 to 25 Nm for 3/4" -
Mandatory packing: 10 pcs up to 1", 5 pcs above.



704 B - Male



Ø	1/4"-08	3/8"-08	3/8"-10	3/8"-12	3/8"-14	1/2"-12	1/2"-14	1/2"-15	1/2"-16	1/2"-18
box	1 000	1 000	1 000	550	550	550	550	550	500	400
code	704B0808	704B0812	704B1012	704B1212	704B1412	704B1215	704B1415	704B1515	704B1615	704B1815
Ø	3/4"-14	3/4"-16	3/4"-18	1"-22						
box	400	350	350	150						
code	704B1420	704B1620	704B1820	704B2226						

700 B - Female



Ø	1/4"-08	3/8"-08	3/8"-10	3/8"-12	3/8"-14	1/2"-10	1/2"-12	1/2"-14	1/2"-15	1/2"-16
box	1 000	1 000	1 000	500	500	500	600	500	500	400
code	700B0808	700B0812	700B1012	700B1212	700B1412	700B1015	700B1215	700B1415	700B1515	700B1615
Ø	3/4"-14	3/4"-16	3/4"-18							
box	400	350	350							
code	700B1420	700B1620	700B1820							

703 B - Equal socket



Ø	10	12	14	15	16	18
box	500	400	400	400	400	200
code	703B10	703B12	703B14	703B15	703B16	703B18

703 BR - Reduced socket



Ø	12/10	14/10	14/12
box	400	400	400
code	703BR1210	703BR1410	703BR1412

Wall connection



Ø	1/2"-12	1/2"-14
box	12	14
code	AMB1215	AMB1415

705 B - Elbow



Ø	10	12	14	15	16	18
box	500	300	300	300	300	250
code	705B10	705B12	705B14	705B15	705B16	705B18

706 B - Tee



Ø	10	12	14	15	16	18
box	300	200	200	200	200	110
code	706B10	706B12	706B14	706B15	706B16	706B18

707 B - Elbow male



Ø	3/8"-10	3/8"-12	1/2"-12	1/2"-14	1/2"-16	3/4"-18	1"-22
box	500	400	350	350	350	200	100
code	707B1012	707B1212	707B1215	707B1415	707B1615	707B1820	707B2226

ES 700 - Nut



Ø	3/8"-10	3/8"-12	1/2"-12	1/2"-14	1/2"-16	5/8"-18	3/4"-18	1"-22
code	ES7001210	ES7001212	ES7001512	ES7001514	ES7001516	ES7001716	ES7002018	ES7002622

BS700 - Olive



Ø	8	10	12	14	16	18	20	22
code	BS70008	BS70010	BS70012	BS70014	BS70016	BS70018	BS70020	BS70022

Brass threaded fittings



Mandatory packing applies

For heating & sanitary applications - Material: brass - Use flat gasket for tightness when possible - Use PTFE band or Loctite® type glue, no oakum - Tight with flat key (max. torque 3 to 4 kg/m) - **Mandatory packing:** 10 pcs up to 1", 5 pcs above.



90 GC - Elbow female threaded/female copper



Ø	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	14-3/4"	15-3/4"	16-3/4"
box	400	400	360	360	300	300	200	200		200
code	90GC1212	90GC1412	90GC1215	90GC1415	90GC1515	90GC1615	90GC1815	90GC1420	90GC1520	90GC1620
Ø	18-3/4"	22-3/4"								
box	200	150								
code	90GC1820	90GC2220								

90 GCL - Elbow female threaded/female copper



Ø	3/8"-12	3/8"-14	1/2"-12	1/2"-14	1/2"-15	1/2"-16
code	90GC1212L	90GC1214L	90GC1512L	90GC1514L	90GC1515L	90GC1516L

92 GC - Elbow male threaded/female copper



Ø	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	16-3/4"	18-3/4"	22-3/4"	22-1"
box	480	480	450	450	450	360	250	200	200	170	120
code	92GC1212	92GC1412	92GC1215	92GC1415	92GC1515	92GC1615	92GC1815	92GC1620	92GC1820	92GC2220	92GC2226

130 GC - Tee center female threaded/female copper



Ø	12-3/8"-12	14-3/8"-14	12-1/2"-12	14-1/2"-14	15-1/2"-15	16-1/2"-16	18-1/2"-18	22-1/2"-22
box	300	250	250	200	180	180	150	120
code	130GC121212	130GC141214	130GC121512	130GC141514	130GC151515	130GC161516	130GC181518	130GC221522

243 GC - Welding socket male threaded/female copper



Ø	10-3/8"	12-3/8"	14-3/8"	16-3/8"	10-1/2"	12-1/2"	14-1/2"	14-1/2"-B.14.5	15-1/2"	16-1/2"	18-1/2"
box	750	750	750	750	500	500	500	500	500	500	500
code	243GC1012	243GC1212	243GC1412	243GC1612	243GC1015	243GC1215	243GC1415	243GC1415G	243GC1515	243GC1615	243GC1815
Ø	14-3/4"	15-3/4"	16-3/4"	18-3/4"	20-3/4"	22-3/4"	28-3/4"	18-1"	22-1"	28-1"	32-1"
box	350	350	350	350	400	300	220	200	200	180	160
code	243GC1420	243GC1520	243GC1620	243GC1820	243GC2020	243GC2220	243GC2820	243GC1826	243GC2226	243GC2826	243GC3226
Ø	28-1"1/4	32-1"1/4	35-1"1/4	36-1"1/4	32-1"1/2	36-1"1/2	40-1"1/2	42-1"1/2	52-2"	54-2"	
box	100	100	120	120	100	100	70	70	40	40	
code	243GC2833	243GC3233	243GC3533	243GC3633	243GC3240	243GC3640	243GC4040	243GC4240	243GC5250	243GC5450	

270 GC - Welding socket female threaded/female copper



Ø	10-3/8"	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	14-3/4"	15-3/4"
box	700	700	700	700	700	540	540	500	400	400
code	270GC1012	270GC1212	270GC1412	270GC1215	270GC1415	270GC1515	270GC1615	270GC1815	270GC1420	270GC1520
Ø	16-3/4"	18-3/4"	20-3/4"	22-3/4"	28-3/4"	18-1"	22-1"	28-1"	32-1"	28-1"1/4
box	400	300	100	300	160	300	160	160	100	80
code	270GC1620	270GC1820	270GC2020	270GC2220	270GC2820	270GC1826	270GC2226	270GC2826	270GC3226	270GC2833
Ø	32-1"1/4	35-1"1/4	36-1"1/4	32-1"1/2	40-1"1/2	42-1"1/2	52-2"	54-2"		
box	80	80	80	80	80	80	42	16		
code	270GC3233	270GC3533	270GC3633	270GC3240	270GC4040	270GC4240	270GC5250	270GC5450		



359 GC - 2 piece union female threaded/female copper

Ø	10-3/8"	12-3/8"	10-1/2"	12-1/2"	14-1/2"	15-1/2"	12-3/4"	14-3/4"	16-3/4"	18-3/4"
box	720	720	600	600	600	600	400	400	300	300
code	359GC1012	359GC1212	359GC1015	359GC1215	359GC1415	359GC1515	359GC1220	359GC1420	359GC1620	359GC1820

Ø	20-3/4"	18-1"	20-1"	22-1"	28-1"1/4"	32-1"1/4"	36-1"1/2"	40-2"
box	300	200	200	100	80	80	80	30
code	359GC2020	359GC1826	359GC2026	359GC2226	359GC2833	359GC3233	359GC3640	359GC4050



340 CU - Welding union female copper 2 ends

Ø	10	12	14	16	18	20	22	28	32	40	42	52
code	340CU10	340CU12	340CU14	340CU16	340CU18	340CU20	340CU22	340CU28	340CU32	340CU40	340CU42	340CU52



340 GC - Welding union female threaded/female copper - Metal/metal, conical bearing

Ø	10-3/8"	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	14-3/4"	15-3/4"
box			300	260	250	320	200	150	200	200
code	340GC1012	340GC1212	340GC1412	340GC1215	340GC1415	340GC1515	340GC1615	340GC1815	340GC1420	340GC1520

Ø	16-3/4"	18-3/4"	20-3/4"	22-3/4"	28-3/4"	22-1"	28-1"	32-1"	28-1"1/4"	32-1"1/4"
box	160	160		100		100	50	40	60	30
code	340GC1620	340GC1820	340GC2020	340GC2220	340GC2820	340GC2226	340GC2826	340GC3226	340GC2833	340GC3233

Ø	35-1"1/4"	36-1"1/4"	40-1"1/4"	32-1"1/2"	40-1"1/2"	42-1"1/2"	52-2"	54-2"
box	50	50	50	20	20	20	15	15
code	340GC3533	340GC3633	340GC4033	340GC3240	340GC4040	340GC4240	340GC5250	340GC5450



341 GC - Welding union male threaded/female copper - Metal/metal, conical bearing

Ø	10-3/8"	12-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	14-3/4"	15-3/4"	16-3/4"
box	400	400	200	300	320	300	200	200	200	200
code	341GC1012	341GC1212	341GC1215	341GC1415	341GC1515	341GC1615	341GC1815	341GC1420	341GC1520	341GC1620

Ø	18-3/4"	20-3/4"	22-3/4"	22-1"	28-1"	32-1"	28-1"1/4"	32-1"1/4"	35-1"1/4"	36-1"1/4"
box	200	200	150	150	70	50	50	50	50	50
code	341GC1820	341GC2020	341GC2220	341GC2226	341GC2826	341GC3226	341GC2833	341GC3233	341GC3533	341GC3633

Ø	40-1"1/4"	32-1"1/2"	40-1"1/2"	42-1"1/2"	52-2"	54-2"
box	50	50	30	20	10	15
code	341GC4033	341GC3240	341GC4040	341GC4240	341GC5250	341GC5450



331 GC - Welding union with flat bearing & flat gasket - Male threaded/female copper

Ø	10-3/8"	12-3/8"	14-3/8"	12-1/2"	14-1/2"	16-1/2"	18-1/2"	14-3/4"	16-3/4"	18-3/4"
code	331GC1012	331GC1212	331GC1412	331GC1215	331GC1415	331GC1615	331GC1815	331GC1420	331GC1620	331GC1820

Ø	20-3/4"	22-3/4"	18-1"	20-1"	22-1"	28-1"	28-1"1/4"	36-1"1/2"
code	331GC2020	331GC2220	331GC1826	331GC2026	331GC2226	331GC2826	331GC2833	331GC3640



96 GCU - Elbow union female threaded/female copper

Ø	12-3/8"	14-3/8"	14-1/2"	15-1/2"	16-1/2"	15-3/4"	16-3/4"	18-3/4"	22-3/4"	22-1"	28-1"
box	120	120	120	120	120	120	120	120	120	120	60
code	96GCU1212	96GCU1412	96GCU1415	96GCU1515	96GCU1615	96GCU1520	96GCU1620	96GCU1820	96GCU2220	96GCU2226	96GCU2826



98 GCU - Elbow union male threaded/female copper

Ø	12-3/8"	14-3/8"	14-1/2"	15-1/2"	16-1/2"	15-3/4"	16-3/4"	18-3/4"	22-3/4"	22-1"	28-1"
box	120	120	120	120	120	120	120	120	120	96	96
code	98GCU1212	98GCU1412	98GCU1415	98GCU1515	98GCU1615	98GCU1520	98GCU1620	98GCU1820	98GCU2220	98GCU2226	98GCU2826



359 GCL - 2 piece socket copper/brass - Flat bearing



Ø	10-3/8"	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	18-1/2"	14-3/4"	15-3/4"
box	800	800	800	500	500	500	500	500	400	400
code	359GCL1012	359GCL1212	359GCL1412	359GCL1215	359GCL1415	359GCL1515	359GCL1615	359GCL1815	359GCL1420	359GCL1520

Ø	16-3/4"	18-3/4"	20-3/4"	22-3/4"	22-1"	28-1"	28-1"1/4"	32-1"1/4"	40-1"1/4"	42-1"1/2"
box	400	400	300	300	200	200	100	100	60	60
code	359GCL1620	359GCL1820	359GCL2020	359GCL2220	359GCL2226	359GCL2826	359GCL3228	359GCL3233	359GCL4040	359GCL4042

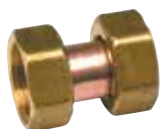


5002 GC - 2 piece elbow copper/brass - Flat bearing



Ø	12-3/8"	14-3/8"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	14-3/4"	15-3/4"	16-3/4"	18-3/4"
box	500	400	500	400	400	400	250	200	250	250
code	5002GC1212	5002GC1412	5002GC1215	5002GC1415	5002GC1515	5002GC1615	5002GC1420	5002GC1520	5002GC1620	5002GC1820

Ø	22-3/4"	22-1"	28-1"
box	200	100	100
code	5002GC2220	5002GC2226	5002GC2826



R 80 - Equal socket female/female - Flat bearing

Ø	3/8"	1/2"	3/4"	1"
box	300	500	200	100
code	R8012	R8015	R8020	R8026



R 81 - Reduced socket female/female - Flat bearing

Ø	1/2"-3/8"	3/4"-1/2"
box	100	100
code	R811512	R812015



CR 80 - Equal elbow female/female - Flat bearing

Ø	1/2"-1/2"	3/4"-3/4"	1"-1"
box	400	200	100
code	CR8015	CR8020	CR8026



CR 80 - Reduced elbow female/female - Flat bearing

Ø	3/4"-1/2"
box	200
code	CR802015



90 G - Elbow female/female

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
box	300	300	170	100	50	30	20	12
code	90G08	90G12	90G15	90G20	90G26	90G33	90G40	90G50



92 G - Elbow male/female

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
box	1 000	300	200	180	80	50	25	15	10
code	92G05	92G08	92G12	92G15	92G20	92G26	92G33	92G40	92G50



92 G - Compact elbow male/female

Ø	3/8"	1/2"	3/4"	1"	1"1/4"
box	600	400	200	120	60
code	92G12C	92G15C	92G20C	92G26C	92G33C



92 G - Reduced elbow female/male

Ø	3/4"-1/2"
box	300
code	92G2015



94 G - Elbow male

Ø	1/4"	10-3/8"	12-1/2"	14-1/2"	16-3/4"	18-3/4"	1"
box	1000	500	300	250	170	170	100
code	94G08	94G1012	94G1215	94G1415	94G1620	94G1820	94G26



94 G - Reduced elbow male

Ø	1/2"-3/8"
box	400
code	94G1512R

130 G - Tee female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
box	800	300	200	180	50	40	20	15	10
code	130G05	130G08	130G12	130G15	130G20	130G26	130G33	130G40	130G50

130 G - Reduced tee female



Ø	1 1/4-3/4"-1 1/4"
box	20
code	130G332033

135 G - Tee male



Ø	1/4"	10-3/8"	12-1/2"	14-1/2"	16-3/4"	18-3/4"	1"
box	700	300	300	300	120	120	50
code	135G08	135G1012	135G1215	135G1415	135G1620	135G1820	135G26

Tee 3/4 male/male/female



Ø	3/4"
box	100
code	ZTMMF

Chrome-plated tee 3/4 male/male/female



Ø	3/4"
box	80
code	ZTMMFN

180 G - Cross female



Ø	1/2"	3/4"	1"
box	80	50	30
code	180G15	180G20	180G26

270 R - Socket



Ø	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
box	700	450	300	130	90	70	40
code	270R12	270R15	270R20	270R26	270R33	270R40	270R50

280 G - Equal nipple male



Ø	1/8"	1/4"	3/8"	1/2"	1/2" B. 14.5	3/4"	1"	1 1/4"	1 1/2"	2"
box	2 000	1 500	900	500	500	300	150	100	70	40
code	280G05	280G08	280G12	280G15	280G15G	280G20	280G26	280G33	280G40	280G50

Ø	2 1/2"	3"
box	40	40
code	280G65	280G80

280 GR - Multi threaded fitting (sold by 2)



Ø	M3/4"-F1/2" & M3/4"-M1/2"
code	280GR2015

245 G - Reduced nipple male



Ø	1/4"-1/8"	3/8"-1/8"	3/8"-1/4"	1/2"-1/8"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"
box	1 800	1 000	1 000	650	650	550	400	350	250	180
code	245G0805	245G1205	245G1208	245G1505	245G1508	245G1512	245G2012	245G2015	245G2615	245G2620

Ø	1 1/4-3/4"	1 1/4-1"	1 1/2-1"	1 1/2-1 1/4"	2"-1 1/4"	2"-1 1/2"	2 1/2-2"
box	120	100	80	80	50	60	30
code	245G3320	245G3326	245G4026	245G4033	245G5033	245G5040	245G6550

374 G - Nut female



Ø	10-3/8"	12-3/8"	10-1/2"	12-1/2"	14-1/2"	15-1/2"	16-1/2"	12-3/4"	14-3/4"	16-3/4"
box	1 000	1 000		700	700	700	700	450	450	450
code	374G1012	374G1212	374G1015	374G1215	374G1415	374G1515	374G1615	374G1220	374G1420	374G1620

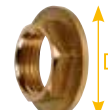
Ø	18-3/4"	20-3/4"	22-3/4"	20-1"	22-1"	26-1"	28-1 1/4"	32-1 1/4"	42-1 1/2"
box	450	450	450	250	250	250	150	150	150
code	374G1820	374G2020	374G2220	374G2026	374G2226	374G2626	374G2833	374G3233	374G4240

169 G - Nut

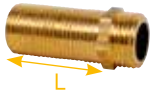


Ø	3/8"	1/2"	3/4"	1"
box	1 600	1 500	1 000	1 000
code	169G12	169G15	169G20	169G26

169 GL - Lock nut

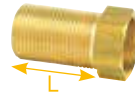


Ø	3/8"	1/2"	3/4"	1"
box	900	620	350	220
D	30	35	45	54
code	169GL12	169GL15	169GL20	169GL26



280 GL - Extension male/male

Ø	3/8"	1/2"	3/4"	1"
box	400	250	140	80
L	40	40	40	40
code	280GL12	280GL15	280GL20	280GL26



246 EL - Extension male/female

Ø	3/8"	1/2"	3/4"	1"
box	350	250	150	90
L	40	40	40	40
code	246EL12	246EL15	246EL20	246EL26



RD - Straight extension

Ø	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
L	25	50	75	100	25	50	75	100	25	50	75	100
code	RD02512	RD05012	RD07512	RD10012	RD02515	RD05015	RD07515	RD10015	RD02520	RD05020	RD07520	RD10020



Elbow union - Conical bearing

Ø	3/8"	1/2"	3/4"	1"	1"1/4*	1"1/2*	2"
box	80	70	60	40	25	24	12
code	CU12	CU15	CU20	CU26	CU33	CU40	CU50

* with o-ring



Elbow union - Nickel-plated - Conical bearing

Ø	1/2"	3/4"	1"
box	70	60	40
code	CU15N	CU20N	CU26N



Union fitting - Conical bearing

Ø	3/8"	1/2"	3/4"	1"	1"1/4*	1"1/2*	2"
box	160	180	90	60	40	20	10
code	RU12	RU15	RU20	RU26	RU33	RU40	RU50

* with o-ring



Union fitting - Nickel-plated - Conical bearing

Ø	1/2"	3/4"	1"
box	180	90	60
code	RU15N	RU20N	RU26N



Elbow union - Flat bearing & gasket

Ø	3/4"	1"
box	20	8
code	CU20PP	CU26PP



2 piece fitting female/female

Ø	1"-1/2"	1"1/4-3/4"	1"1/2-1"	2"-1"1/4"
box	10	10	10	10
code	ZRU2615F	ZRU3320F	ZRU4026F	ZRU5033F



Union fitting female/female - Conical bearing

Ø	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
box	120	120	120	48	36	30	24
code	RU12F	RU15F	RU20F	RU26F	RU33F	RU40F	RU50F



2 piece fitting female/male - Flat bearing

Ø	1/2"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"	1"-1"	1"1/4-3/4"	1"1/4-1"
code	ZRU1512	ZRU2015	ZRU2615	ZRU2620	ZRU2626	ZRU3320	ZRU3326



300 G - Female cap

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
box	1 500	1 000	750	400	250	140	100	60
code	300G08	300G12	300G15	300G20	300G26	300G33	300G40	300G50



292 G - Male cap

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
box	1 500	1 500	800	320	200	100	80	50	40
code	292G08	292G12	292G15	292G20	292G26	292G33	292G40	292G50	292G65



199 G - Reduced nut female/male

Ø	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"	1"1/4-1"	1"1/2-1"1/4"
box	1 000	1 000	1 000	1 000	600	350	200
code	199G1512	199G2012	199G2015	199G2615	199G2620	199G3326	199G4033

241 G - Reduced nipple female/male



Ø	1/4"-1/8"	3/8"-1/8"	3/8"-1/4"	1/2"-1/8"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"
box	2 200	1 500	1 500	1 000	1 000	750	750	500	300	450
code	241G0805	241G1205	241G1208	241G1505	241G1508	241G1512	241G2012	241G2015	241G2615	241G2620
Ø	1"1/4-3/4"	1"1/4-1"	1"1/2-1"	1"1/2-1"1/4"	2"-1"1/4"	2"-1"1/2"	2"1/2-2"			
box	150	120	120	100	75	75	40			
code	241G3320	241G3326	241G4026	241G4033	241G5033	241G5040	241G6550			

240 G - Reduced socket female



Ø	1/4"-1/8"	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-3/8"	1"-1/2"	1"-3/4"	1"1/4-3/4"
box	720	720	550	500	400	400	200	200	200	100
code	240G0805	240G1208	240G1508	240G1512	240G2012	240G2015	240G2612	240G2615	240G2620	240G3320
Ø	1"1/4-1"	1"1/2-1"	1"1/2-1"1/4"	2"-1"1/2"						
box	100	100	100	100						
code	240G3326	240G4026	240G4033	240G5040						

270 G - Equal socket with thrust female



Ø	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
box	1 000	400	300	200	100	60	36
code	270G12	270G15	270G20	270G26	270G33	270G40	270G50

272 G - Equal socket female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
box	1 000	1 000	1 000	400	300	200	100	80	40
code	272G05	272G08	272G12	272G15	272G20	272G26	272G33	272G40	272G50

246 E - Equal nipple male/female



Ø	1/8"	1/4"	3/8"	1/2"	1/2"B.14.5	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"
box	1 000	1 000	1 000	500	500	300	200	100	80	50	20	20
code	246E05	246E08	246E12	246E15	246E15G	246E20	246E26	246E33	246E40	246E50	246E65	246E80

246 G - Reduced nipple male/female



Ø	1/4"-1/8"	3/8"-1/8"	3/4"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-3/8"	1"-1/2"	1"-3/4"
box	900	200	650	650	650	450	350	130	300	200
code	246G0805	246G1205	246G1208	246G1508	246G1512	246G2012	246G2015	246G2612	246G2615	246G2620
Ø	1"1/4-3/4"	1"1/4-1"	1"1/2-1"	1"1/2-1"1/4"	2"-1"	2"-1"1/4"	2"-1"1/2"	2"1/2-2"		
box	100	100	100	90	50	50	50	50		
code	246G3320	246G3326	246G4026	246G4033	246G5026	246G5033	246G5040	246G6550		

243 G - Nipple male/reduced female



Ø	1/4"-1/8"	3/8"-1/8"	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"	1"1/4-3/4"
box	1 000	750	750	750	750	450	350	250	250	150
code	243G0805	243G1205	243G1208	243G1508	243G1512	243G2012	243G2015	243G2615	243G2620	243G3320
Ø	1"1/4-1"	1"1/2-1"	1"1/2-1"1/4"	2"-1"1/4"	2"-1"1/2"	2"1/2-2"				
box	150	100	80	50	50	50				
code	243G3326	243G4026	243G4033	243G5033	243G5040	243G6550				

Wall connection elbow 1/2" female/female copper



Ø	12	14	16
box	300	300	250
code	AMS1512	AMS1514	AMS1516

Wall connection



Ø	1/2"	12*	14*
code	AM	AM12	AM14

* with nut & gasket

Chrome-plated threaded fittings



Mandatory packing applies

For sanitary applications - Material: chrome-plated brass CW617N or CW615N - Use flat gasket for tightness when possible - Use PTFE band or Loctite® type glue, no oakum - Tight with flat key (max. torque 3 to 4 kg/m) - **Mandatory packing:** 10 pcs up to 1", 5 pcs above.



280 GCH - Equal nipple male



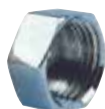
Ø	3/8"	1/2"	3/4"	1"
box	400	250	300	150
code	280G12CH	280G15CH	280G20CH	280G26CH

245 GCH - Reduced nipple male



Ø	1/2"-3/8"	3/4"-1/2"	1"-3/4"
box	550	300	130
code	245G1512CH	245G2015CH	245G2620CH

300 GCH - Female cap



Ø	3/8"	1/2"	3/4"
box	300	400	350
code	300G12CH	300G15CH	300G20CH

292 GCH - Male cap



Ø	3/8"	1/2"	3/4"
box	500	450	250
code	292G12CH	292G15CH	292G20CH

270 GCH - Equal socket with thrust female



Ø	3/8"	1/2"	3/4"
box	300	200	200
code	270G12CH	270G15CH	270G20CH

240 GCH - Reduced socket female



Ø	1/2"-3/8"	3/4"-1/2"
box	250	200
code	240G1512CH	240G2015CH

243 GCH - Nipple male/reduced female



Ø	1/2"-3/8"	3/4"-1/2"
box	300	300
code	243G1512CH	243G2015CH

246 ECH - Equal nipple male/female



Ø	3/8"	1/2"	3/4"	1"
box	250	250	200	150
code	246E12CH	246E15CH	246E20CH	246E26CH

241 GCH - Reduced nipple female/male



Ø	1/2"-3/8"	3/4"-1/2"	1"-3/4"
box	250	300	250
code	241G1512CH	241G2015CH	241G2620CH

246 GCH - Reduced nipple male/female



Ø	1/2"-3/8"	3/4"-1/2"	1"-3/4"
box	300	200	200
code	246G1512CH	246G2015CH	246G2620CH

199 GCH - Nut reduced female/male



Ø	1/2"-3/8"	3/4"-1/2"	1"-3/4"
box	400	350	300
code	199G1512CH	199G2015CH	199G2620CH

Wall connection



Ø	1/2"	12*	14*
code	AMC	AMC12	AMC14

* with nut & gasket

90 GCH - Elbow female/female



Ø	3/8"	1/2"	3/4"	1"
box				
code	90G12CH	90G15CH	90G20CH	90G26CH

92 GCH - Elbow male/female



Ø	3/8"	1/2"	3/4"	1"
box	600	350	250	120
code	92G12CH	92G15CH	92G20CH	92G26CH

130 GCH - Tee female



Ø	3/8"	1/2"	3/4"	1"
box				
code	130G12CH	130G15CH	130G20CH	130G26CH

270 RCH - Socket



Ø	3/8"	1/2"	3/4"
box	700	450	300
code	270R12CH	270R15CH	270R20CH

Straight extension



Ø	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"
box	320	240	160	80	192	144	96	48	128	96	64	32
L	25	50	75	100	25	50	75	100	25	50	75	100
code	RD02512CH	RD05012CH	RD07512CH	RD10012CH	RD02515CH	RD05015CH	RD07515CH	RD10015CH	RD02520CH	RD05020CH	RD07520CH	RD10020CH

Brass fittings for PE pipes

Material: brass CW617N - Agreement: DIN 8076-1 - Excluded from 2014/68/EU directive (article 1, §2.b) - PS: 16 bar up to Ø 63, 10 bar above - TS: +4°C/+40°C - Male conical bearing - NBR o-ring.



Male



Ø	20-1/2"	25-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"	75-2"1/2	90-3"
code	811420	811524	811525	811632	811740	811850	811963	811075	811090

Female



Ø	20-1/2"	25-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"	75-2"1/2	90-3"
code	810420	810524	810525	810632	810740	810850	810963	810075	810090

Equal socket



Ø	20	25	32	40	50	63	75	90
code	813020	813025	813032	813040	813050	813063	813075	813090

Reduced male



Ø	25-1/2"	32-3/4"	40-1"	50-1"1/4	63x1"1/2
code	862425	862532	862640	862750	862863

Elbow 90° male



Ø	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"	75-2"1/2
code	817420	817525	817632	817740	817850	817963	867075

Elbow 90° female



Ø	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"
code	818420	818525	818632	818740	818850	818963

Elbow 90° socket



Ø	20	25	32	40	50	63	75
code	816020	816025	816032	816040	816050	816063	866075

Equal tee



Ø	20	25	32	40	50	63	75	90
code	814020	814025	814032	814040	814050	814063	814075	814090

Tee female/male



Ø	20-1/2"M-3/8"F	25-1/2"M-3/8"F	25-3/4"M-1/2"F	32-1"M-3/4"F	40-1"1/4M-1"F	50-1"1/2M-1"1/4F	63-2"M-1"1/2F	75-2"1/2M-2"F	90-3"M-2"1/2F
code	815420	815524	815525	815632	815740	815850	815963	865075	865090

Fitting with free nut & flat gasket



Ø	20-3/4"	25-3/4"	25-1"	32-1"
code	806520	806525	806625	806632

Long socket for repairing



Ø	25	32	40	50
code	807025	807032	807040	807050

Ball valve w/ free nut

After water meter



Ø	25-3/4"	25-1"	32-3/4"	32-1"
code	490254	490264	490354	490364



Wall connection female

Ø	20-1/2"	25-1/2"	25-3/4"
code	819420	819425	819525

Ball valve w/ free nut & drain outlet

After water meter



Ø	25-3/4"
code	491254

Polyethylene pipes

Black pipes

For underground watering and irrigation.



Ø 20 - 6,3 bar	
length (m)	code
25	005620
50	005720

Ø 25 - 12,5 bar	
length (m)	code
25	005625
50	005725

Ø 32 - 12,5 bar	
length (m)	code
25	005632
50	005732

Blue strip pipes

High density - For drinking water distribution.



Ø 20 - 16 bar	
length (m)	code
10	006520
25	006620
50	006720

Ø 25 - 16 bar	
length (m)	code
10	006525
25	006625
50	006725

Ø 32 - 12,5 bar	
length (m)	code
25	005682
50	005782

Polypropylene fittings for PE pipes

Excluded from 2014/68/EU directive (article 1, §2.b) - Polypropylene body - Nylon clamping ring - NBR gasket - PS: 16 bar up to Ø 63, 10 bar above - TS: -10°C/+45°C.



Male



Ø	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"	75-2"1/2
box	10	10	10	1	1	1	1
code	1001020	1001025	1001032	1001040	1001050	1001063	1001075

Enhanced male



Ø	20-3/4"	25-1"	32-1"1/4	40-1"1/2	50-2"
box	10	10	10	1	1
code	1002020	1002025	1002032	1002040	1002050

Female



Ø	16-1/2"	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2	63-2"
box	10	10	10	10	1	1	1
code	1003016	1003020	1003025	1003032	1003040	1003050	1003063

Equal socket



Ø	16	20	25	32	40	50	63	75	90	110
box	10	10	10	10	1	1	1	1	1	1
code	1005016	1005020	1005025	1005032	1005040	1005050	1005063	1005075	1005090	1005110

Equal tee



Ø	16	20	25	32	40	50	63
box	10	10	10	10	1	1	1
code	1007016	1007020	1007025	1007032	1007040	1007050	1007063

Center female threaded tee



Ø	20-1/2"F	25-3/4"F	32-1"F	40-1"1/4F	50-1"1/2F	63-2"F
box	10	10	10	1	1	1
code	1009020	1009025	1009032	1009040	1009050	1009063

Center male threaded tee



Ø	25-3/4"	32-3/4"	40-1"1/4	63-2"
box	10	10	1	1
code	1017025	1017032	1017040	1017063

Elbow 90°



Ø	16	20	25	32	40	50	63	75
box	10	10	10	1	1	1	1	1
code	1012016	1012020	1012025	1012032	1012040	1012050	1012063	1012075

Elbow 90° female



Ø	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2
box	10	10	10	1	1
code	1013020	1013025	1013032	1013040	1013050

Elbow 90° reduced female



Ø	25-1/2"*	32-3/4"*
box	10	10
code	1015025	1015032

* while stocks last

Elbow 90° male



Ø	16-1/2"	20-1/2"	25-3/4"	32-1"	40-1"1/4	50-1"1/2
box	10	10	10	10	1	1
code	1014016	1014020	1014025	1014032	1014040	1014050

Cap



Ø	20	25	32	40	50	63	75
box	10	10	10	1	1	1	1
code	1020020	1020025	1020032	1020040	1020050	1020063	1020075

PTFE band (sold by 10)
12 m long, 0,075 mm thick.



width	12mm	19mm
code	262204	262304

Excluded from 2014/68/EU Directive (article 1, §2.b) - For water supply & distribution networks (polyethylene and PVC pipes) - Polypropylene body - NBR o-ring - PS: 12,5 bar - TS: -10°C/+45°C.

Tapping bridge



ext. pipe Ø	25	25	32	32	40	40	40	50	50	50
thread	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1"	1/2"	3/4"	1"
pack	10/170	10/170	10/170	10/170	5/140	5/140	5/140	5/130	5/130	5/130
code	1189254	1189255	1189324	1189325	1189414	1189415	1189416	1189514	1189515	1189516

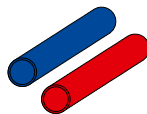
ext. pipe Ø	63	63	63	63	63
thread	1/2"	3/4"	1"	1"1/4	1"1/2
pack	5/120	5/120	5/120	5/120	5/120
code	1189634	1189635	1189636	1189637	1189638

PER pipes

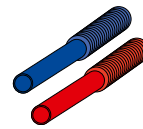
Heating & sanitary installations - Corrosion resistant - Flexible & easy to use - Low head loss thanks to PER pipe interior surface.



PER bare pipe



PER pre-sheated pipe



PER pre-sheated insulated pipe

Ø	coil length (m)	blue code	red code
10 x 12	120	PERB12120	PERR12120
	240	PERB12240	PERR12240
13 x 16	80	-	PERR1680
	120	PERB16120	PERR16120
	200	-	PERR16200
	240	PERB16240	PERR16240
	600	-	PERR16600
16 x 20	120	PERB20120	PERR20120
	240	PERB20240	PERR20240
20 x 25	50	PERB2550	PERR2550
	100	PERB25100	PERR25100

coil length (m)	blue code	red code
25	PERPB1225	PERPR1225
50	PERPB1250	PERPR1250
100	PERPB12100	PERPR12100
25	PERPB1625	PERPR1625
50	PERPB1650	PERPR1650
100	PERPB16100	PERPR16100
25	PERPB2025	PERPR2025
50	PERPB2050	PERPR2050
50	PERPB2550	PERPR2550

coil length (m)	blue code	red code
50	PERPB1250C9	PERPR1250C9
50	PERPB1650C9	PERPR1650C9
50	PERPB2050C9	PERPR2050C9
50	PERPB2550C9	PERPR2550C9

Radial press fittings



Mandatory packing applies

For PER & PB pipes - CW617N body, stainless steel socket, plastic ring - Tracking: "Pbtub" marked - Pressure: sanitary hot water 6 bar, sanitary cold water (20°C) 10 bar, radiators & floor heating 6 bar, cold water (min. 5°C) 10 bar - Max. torque tightness: 30 KN/m - Series 5 (acc. to ISO 4065): 12x1,3, 16x1,5, 20x1,9, 25x2,3, 32x2,9 - ⚠ Take into account the potential pipe extension while installing - Do not use oakum - **Mandatory packing:** 25 pcs up to Ø20, individually above.



Free nut



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-12	3/4"-16	3/4"-20	3/4"-25	1"-25
box code	225 RE812	150 RE816	225 RE212	225 RE216	225 RE220	100 RE412	150 RE416	150 RE420	100 RE425	100 RE1025

Male



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25
box code	225 RM812	225 RM816	225 RM212	225 RM216	150 RM220	150 RM416	150 RM420	100 RM425

Female



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25
box code	225 RF812	225 RF816	225 RF212	150 RF216	150 RF220	150 RF416	100 RF420	100 RF425

Equal socket



Ø	12	16	20	25
box code	225 RMA12	225 RMA16	150 RMA20	100 RMA25

Reduced socket



Ø	12-16	12-20	16-20	16-25	25-20
box code	225 RMA1216	150 RMA1220	150 RMA1620	150 RMA1625	100 RMA2520

Elbow free nut



Ø	3/8"-12	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25
box code	150 RCE812	100 RCE212	100 RCE216	100 RCE220	100 RCE416	75 RCE420	75 RCE425

Elbow



Ø	12	16	20	25
box code	150 RC12	150 RC16	150 RC20	100 RC25

Elbow female



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-25
box code	150 RCF812	150 RCF816	150 RCF212	150 RCF216	100 RCF220	100 RCF425

Elbow male



Ø	3/8"-12	1/2"-12	1/2"-16	1/2"-20	3/4"-25
box code	150 RCM812	150 RCM212	150 RCM216	100 RCM220	100 RCM425



Elbow wall connection



Ø	short 1/2"-12	short 1/2"-16	short 1/2"-20	long 1/2"-12	long 1/2"-16	long 1/2"-20
box	100	100	100	100	100	100
code	RCA212	RCA216	RCA220	RCAL212	RCAL216	RCAL220

Tee wall connection*



Ø	12-M3/8"-F1/2"	16-M3/8"-F1/2"
box	80	80
code	RTAMF12	RTAMF16

*pack of 20 pcs

Equal tee



Ø	12	16	20	25
box	100	100	100	75
code	RT12	RT16	RT20	RT25

Tee female



Ø	1/2"-12	1/2"-16	1/2"-20
box	100	100	100
code	RTF212	RTF216	RTF220

Tee male



Ø	1/2"-16
box	100
code	RTM216

Reduced tee



Ø	16-12-12	16-16-12	16-12-16	16-20-16	20-12-12	20-12-16	20-12-20	20-16-16	20-16-20	20-20-16	25-20-25*
box	100	100	100	100	100	100	100	100	100	100	60
code	RT161212	RT161612	RT161216	RT162016	RT201212	RT201216	RT201220	RT201616	RT201620	RT202016	RT252025

*pack of 20 pcs

Adaptor for copper pipe



Ø	10x12-10	10x12-12	10x12-14	13x16-14	13x16-16	13x16-18	16x20-16	16x20-18	16x20-20	16x20-22	20x25-22
box	225	225	225	225	225	225	150	150	150	150	100
code	RAC1210	RAC1212	RAC1214	RAC1614	RAC1616	RAC1618	RAC2016	RAC2018	RAC2020	RAC2022	RAC2522

Elbow adaptor for copper pipe



Ø	10x12-12	10x12-14	13x16-14	13x16-16	16x20-16
box	150	150	150	150	150
code	RCAC1212	RCAC1214	RCAC1614	RCAC1616	RCAC2016

Eurocone free nut



Ø	3/4"-12	3/4"-16
box	150	150
code	REC412	REC416

Ball valve for press fitting



Ø	1/2"-12	1/2"-16
box	150	150
code	VANPR212	VANPR216

Wall outlet*



Ø	pipe 10x12	pipe 13x16
box	40	40
code	RSC12	RSC16

*pack of 5 pcs

Bracket for wall outlet



box	50
code	EQU

Mounting set



code	COFPIN
------	--------

Includes mounting pliers, cutting pliers & flaring pliers for Ø12 to Ø15 pipes.



Support system for plasterboard

Ø	center distance (mm)	pack	code
* F 1/2" - 10 x 12	150	16	PLACR212
F 1/2" - 13 x 16	150	16	PLACR216
** F 1/2" - 10 x 12	55	32	PLACRF212
F 1/2" - 13 x 16	55	32	PLACRF216
*** M 3/8" - 10 x 12	55	32	PLACRM812
M 3/8" - 13 x 16	55	32	PLACRM816
**** F 1/2" - 10 x 12		32	PLACR212MONO
F 1/2" - 13 x 16		32	PLACR216MONO
***** M 3/8" - 10 x 12		32	PLACRM812MONO
M 3/8" - 13 x 16		32	PLACRM816MONO

Stainless steel board set



center distance (mm)	pack	code
* 150	16	PLACINOX
** 55	32	PLACINOX55
***	32	PLACINOXMONO



Sliding sleeve fittings



Mandatory packing applies

For PER & PB pipes - CW617 & CW614 brass - Tracking: "Pbtub" marked - Pressure: sanitary hot water 6 bar, radiators & floor heating 6 bar, cold water (min. 5°C) 10 bar - Max. torque tightness: 30 KN/m - Series 5 (acc. to ISO 4065:1996): 12x1,3, 16x1,5, 20x1,9, 25x2,3, 32x2,9 - ⚠ Take into account the potential pipe extension while installing - Do not use oakum - **Mandatory packing:** 25 pcs up to Ø20, individually above.



Free nut



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25	1"-25
box	225	225	225	225	150	150	150	150	150
code	E812	E816	E212	E216	E220	E416	E420	E425	E1025

Male



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25
box	225	225	225	225	150	150	150	150
code	M812	M816	M212	M216	M220	M416	M420	M425

Female



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-20
box	225	225	225	150	150	100
code	F812	F816	F212	F216	F220	F420

Elbow



Ø	12	16	20	25
box	150	150	150	100
code	C12	C16	C20	C25

Elbow male



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-25
box	150	150	150	150	100	75
code	CM812	CM816	CM212	CM216	CM220	CM425

Elbow female



Ø	3/8"-12	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-25
box	150	150	150	150	150	100
code	CF812	CF816	CF212	CF216	CF220	CF425

Elbow free nut



Ø	3/8"-16	1/2"-12	1/2"-16	1/2"-20	3/4"-16	3/4"-20	3/4"-25
box	100	150	150	100	100	100	75
code	CE816	CE212	CE216	CE220	CE416	CE420	CE425

Short elbow wall female connection



Ø	1/2"-12	1/2"-16	1/2"-20
box	100	100	100
code	CA212	CA216	CA220

Long elbow wall female connection



Ø	1/2"-12	1/2"-18	1/2"-20
box	100	100	100
code	CAL212	CAL216	CAL220

Tee wall connection*



Ø	12-M3/8"-F1/2"	16-M3/8"-F1/2"
box	80	80
code	TAMF12	TAMF16

* pack of 20 pcs

Tee female

Ø	12-1/2"-12	16-1/2"-16	20-1/2"-20	25-3/4"-25*
box	100	100	100	75
code	TF212	TF216	TF220	TF425

* pack of 20 pcs

Tee male

Ø	12-1/2"-12	16-1/2"-16	20-1/2"-20	25-3/4"-25
box	150	100	100	75
code	TM212	TM216	TM220	TM425

Equal tee

Ø	12-12-12	16-16-16	20-20-20	25-25-25
box	100	100	100	80
code	T12	T16	T20	T25

Valve for sliding sleeve fitting

Ø	1/2"-10x12	1/2"-13x16
box	150	150
code	VANP212	VANP216

Reduced tee

Ø	16-12-12	16-12-16	16-16-12	16-20-16	20-12-16	20-16-16	20-16-20	20-20-16	20-25-20	25-20-20	25-20-25
box	100	100	100	100	100	100	100	100	75	75	75
code	T161212	T161216	T161612	T162016	T201216	T201616	T201620	T202016	T202520	T252020	T252025

Equal socket

Ø	12	16	20	25
box	225	225	150	100
code	MA12	MA16	MA20	MA25

Reduced socket

Ø	12-16	12-20	16-20	20-25
box	225	225	225	75
code	MA1216	MA1220	MA1620	MA2025

Adaptor for copper pipe

Ø	10x12-12	10x12-14	13x16-12	13x16-14	13x16-16	13x16-18	16x20-16	16x20-18
box	225	225	225	225	225	225	150	150
code	AC1212	AC1214	AC1612	AC1614	AC1616	AC1618	AC2016	AC2018

Elbow adaptor for copper pipe

Ø	10x12-12	10x12-14	13x16-14	13x16-16	16x20-16	16x20-18
box	150	150	150	150	150	150
code	CAC1212	CAC1214	CAC1614	CAC1616	CAC2016	CAC2018

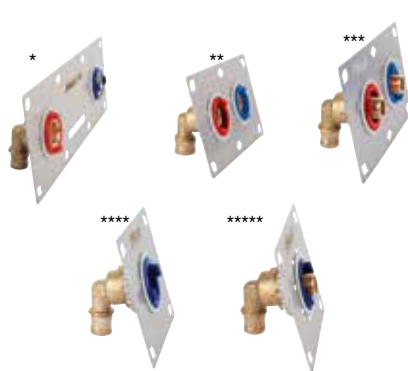
Wall outlet*

Ø	pipe 10x12	pipe 13x16
box	40	40
code	SC12	SC16

*pack of 5 pcs

Bracket for wall outlet

box	50
code	EQU

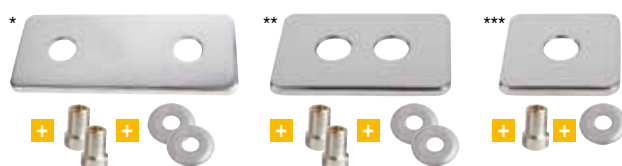


Support system for plasterboard

Ø	center distance (mm)	pack	code
* F 1/2" - 10 x 12	150	16	PLAC212
F 1/2" - 13 x 16	150	16	PLAC216
** F 1/2" - 10 x 12	55	32	PLACF212
F 1/2" - 13 x 16	55	32	PLACF216
*** M 3/8" - 10 x 12	55	32	PLACM812
M 3/8" - 13 x 16	55	32	PLACM816
**** F 1/2" - 10 x 12		32	PLAC212MONO
F 1/2" - 13 x 16		32	PLAC216MONO
***** M 3/8" - 10 x 12		32	PLACM812MONO
M 3/8" - 13 x 16		32	PLACM816MONO

Stainless steel board set

center distance (mm)	pack	code
* 150	16	PLACINOX
** 55	32	PLACINOX55
*** 32	32	PLACINOXMONO



Guarantee
10 years



Multilayer pipes

PE-RT/AL/PE-RT (Aluminium core with an inner & outer layer of high temperature stabilized polyethylene - PE) - Aluminium thickness: min. 0,2 mm - Each meter stamped - Made in Germany - Pipes & fittings system: 10 year guarantee.



Single pipe

Coil



Ø	coil length (m)	code
16 x 2	100	MCT16100
	200	MCT16200
	500	MCT16500
20 x 2	100	MCT20100
	200	MCT20200
26 x 3	50	MCT2650
32 x 3	50	MCT3250

Bar (2,5 m & 5 m)



Ø	pack (m)	code
16 x 2	5 x 15	MCT16
20 x 2	5 x 10	MCT20
26 x 3	5 x 10	MCT26
32 x 3	5 x 4	MCT32
40 x 3,5	5 x 5	MCS40
50 x 4	5 x 5	MCS50
63 x 4,5	5 x 3	MCS63
75 x 5	5 x 1	MCS75

Pre-sheathed pipes

Coil



Ø	coil length (m)	blue sheath code	red sheath code
16 x 2	50	MCTPB1650	MCTPR1650
	100	MCTPB16100	MCTPR16100
20 x 2	100	MCTPB20100	MCTPR20100
	50	MCTPB2650	MCTPR2650

Cutter-pipe



Ø	code
16 to 26	MCCT
16 to 75	MCCT75

Radial press fittings

Mandatory packing applies

Exclusively for Fränkische pipes - F & TH type press jaw from Ø 16 to Ø 32, F type above - Pipes & fittings system: 10 year guarantee.



Free nut



Ø 16-32



Ø 40-63

Ø	3/8"-16	1/2"-16	3/4"-16	1/2"-20	3/4"-20	1"-20	3/4"-26	1"-26	1"-32	1"1/4-32
pack	10	10	10	10	10	10	5	5	5	5
code	MCRXSE816	MCRXSE216	MCRXSE416	MCRXSE220	MCRXSE420	MCRXSE1020	MCRXSE426	MCRXSE1026	MCRXSE1032	MCRXSE1432
Ø	1"1/2-32	1"1/4-40	1"1/2-40	2"-50	2"-63					
box	5	3	3	2	2					
code	MCRXSE1232	MCRE1440	MCRE1240	MCRE2050	MCRE2063					

Female



Ø 40-63



Ø 40-63

Ø	1/2"-16	1/2"-20	3/4"-20	3/4"-26	1"-26	1"-32	1"-40	1 1/4"-40	1 1/2"-50	2"-63
pack	10	10	10	5	5	5	5	3	2	1
code	MCRXSF216	MCRXSF220	MCRXSF420	MCRXSF426	MCRXSF1026	MCRXSF1032	MCRF1040	MCRF1440	MCRF1250	MCRF2063

Male



Ø 16-32



Ø 40-75

Ø		3/8"-16	1/2"-16	3/4"-16	1/2"-20	3/4"-20	1"-20	3/4"-26	1"-26	1"-32	1"-40
pack		10	10	10	10	10	10	5	5	5	3
code		MCRXSM816	MCRXSM216	MCRXSM416	MCRXSM220	MCRXSM420	MCRXSM1020	MCRXSM426	MCRXSM1026	MCRXSM1032	MCRM1040
Ø		1"1/4-40	1"1/2-40	1"1/2-50	2"-50	2"-63	2"1/2-75				
box		3	3	2	2	1	1				
code		MCRM1440	MCRM1240	MCRM1250	MCRM2050	MCRM2063	MCRM2275				



Equal socket

Ø	PPSU							Brass
	16	20	26	32	40	50	63	75
pack	10	10	5	5	3	2	1	1
code	MCRXSMA16	MCRXSMA20	MCRXSMA26	MCRXSMA32	MCRMA40P	MCRMA50P	MCRMA63P	MCRMA75

Reduced socket



Ø	PPSU							
	16-20	16-26	20-26	20-32	26-32	26-40	32-40	
pack	10	5	5	5	5	3	3	2
code	MCRXSMA1620	MCRXSMA1626	MCRXSMA2026	MCRXSMA2032	MCRXSMA2632	MCRXSMA2640	MCRXSMA3240	MCRXSMA3250

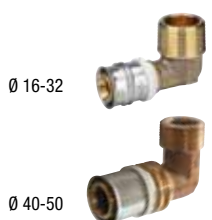


Ø	PPSU			
	40-50	40-63	50-63	
pack	2	1	1	
code	MCRMA4050P	MCRMA4063P	MCRMA5063P	



Ø	Brass			
	40-75	50-75	63-75	
pack	1	1	1	
code	MCRMA4075	MCRMA5075	MCRMA6375	

Elbow 90° male



Ø	Brass							
	3/8"-16	1/2"-16	1/2"-20	3/4"-20	3/4"-26	1"-32	1 1/4"-40	1 1/2"-50
pack	10	10	10	10	5	5	3	2
code	MCRXSCM816	MCRXSCM216	MCRXSCM220	MCRXSCM420	MCRXSCM426	MCRXSCM1032	MCRCM1440	MCRCM1250

Elbow 90° female



Ø	Brass				
	1/2"-16	1/2"-20	3/4"-20	3/4"-26	1"-32
pack	10	10	10	5	5
code	MCRXSCF216	MCRXSCF220	MCRXSCF420	MCRXSCF426	MCRXSCF1032



Elbow 90° with free nut

Ø	Brass			
	1/2"-16	3/4"-16	3/4"-20	1"-26
pack	10	10	10	5
code	MCRXSCE216	MCRXSCE416	MCRXSCE420	MCRXSCE1026

Elbow 90°



Ø	PPSU							Brass
	16	20	26	32	40	50	63	75
pack	10	10	5	5	3	2	1	1
code	MCRXSC16	MCRXSC20	MCRXSC26	MCRXSC32	MCRC40P	MCRC50P	MCRC63P	MCRC75

Elbow 45°



Ø	PPSU					Brass
	26	32	40	50	63	75
pack	5	5	3	2	1	1
code	MCRXSC2645	MCRXSC3245	MCRC4045P	MCRC5045P	MCRC6345P	MCRC7545

Elbow fitting 90°

Ø	Brass			
	16	20	26	32
pack	10	10	5	2
code	MCRXSCB16	MCRXSCB20	MCRXSCB26	MCRXSCB32

Tee female



Ø	Brass									
	16-1/2"-16	20-1/2"-20	20-3/4"-20	26-1/2"-26	26-3/4"-26	32-1/2"-32	32-3/4"-32	32-1"-32	40-1/2"-40	40-3/4"-40
pack	10	10	10	5	5	5	5	5	1	1
code	MCRXSTF216	MCRXSTF220	MCRXSTF420	MCRXSTF226	MCRXSTF426	MCRXSTF232	MCRXSTF432	MCRXSTF1032	MCRTF240	MCRTF440
Ø	50-3/4"-50		75-1"-75							
box	1		1							
code	MCRTF450		MCRTF1075							

Equal tee



Ø	PPSU							Brass
	16	20	26	32	40	50	63	75
pack	10	10	5	5	3	2	1	1
code	MCRXST16	MCRXST20	MCRXST26	MCRXST32	MCRT40P	MCRT50P	MCRT63P	MCRT75

Reduced tee with reduced central outlet



PPSU								
Ø	20-16-20	26-16-26	26-20-26	32-16-32	32-20-32	32-26-32	40-20-40	40-26-40
pack	10	5	5	5	5	5	3	3
code	MCRXST201620	MCRXST261626	MCRXST262026	MCRXST321632	MCRXST322032	MCRXST322632	MCRXST402040	MCRXST402640



PPSU						Brass	
Ø	40-32-40	50-20-50	50-26-50	50-32-50	63-32-63	75-40-75	75-50-75
pack	3	2	2	2	1	1	1
code	MCRXST403240	MCRXST502050	MCRXST502650	MCRXST503250	MCRXST633263	MCRT754075	MCRT755075

Reduced tee with reduced central and end outlets



PPSU		
Ø	20-16-16	26-20-20
pack	10	5
code	MCRXST201616	MCRXST262020



Reduced tee with reduced end outlet



PPSU	
Ø	20-20-16
pack	10
code	MCRXST202016



Reduced tee with enhanced central outlet

PPSU	
Ø	16-20-16
pack	10
code	MCRXST162016

Reduced tee with 3 different Ø

PPSU	
Ø	26-16-20
pack	5
code	MCRXST261620

Adaptor for PER pipe



Ø	13x16-16x2	16x20-20x2	10x12-16x2	13x16-20x2	20x25-26x3
pack	10	10	10	10	5
code	MCRXSPER16	MCRXSPER20	MCRXSPER1612	MCRXSPER2016	MCRXSPER2625

Press cap



Ø	16	20	26	32
pack	10	10	5	5
code	MCRXSBOU16	MCRXSBOU20	MCRXSBOU26	MCRXSBOU32



Adaptor for copper pipe

Brass		
Ø	16x2-14	16x2-16
pack	10	10
code	MCRXSAC1614	MCRXSAC1616

Stainless steel sleeve



Ø	16	20	26	32	40	50	63	75
pack	10	10	5	5	1	1	1	1
code	MCRXSB16	MCRXSB20	MCRXSB26	MCRXSB32	MCRB40	MCRB50	MCRB63	MCRB75

Elbow wall connection



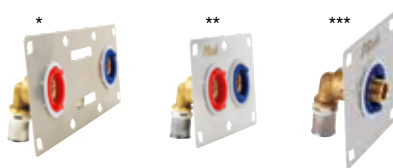
35 mm length			52 mm length		78 mm length	
Ø	1/2"-16	1/2"-20	3/4"-26	1/2"-16	1/2"-16	1/2"-20
pack	10	10	5	10	10	10
code	MCRXSAC216	MCRXSAC220	MCRXSAC426	MCRXSAC216	MCRXSAC216	MCRXSAC220

Outlet wall connection set



Ø	ext. 3/4"-int. 1/2"-16
pack	10
code	MCRXSAC216

Support system for plasterboard



Ø	center distance (mm)	pack	code
* F 1/2" - 16 x 2	150	16	PLACMCRXS216
* F 1/2" - 20 x 2	150	16	PLACMCRXS220
** F 1/2" - 16 x 2	55	32	PLACMCRXS216
*** M 3/8" - 16 x 2	55	32	PLACMCRXS216



Stainless steel board set

center distance (mm)	pack	code
150	16	PLACINOX
55	32	PLACINOX55
32	32	PLACINOXMONO

Compression fittings



For 16 x 2, 20 x 2 & 26 x 3 multilayer pipes - ⚠ Add a PTFE gasket for male fittings before connecting - While stocks last.

Female



Ø	3/8"-16	1/2"-16	3/4"-16	1/2"-20	3/4"-20	1"-26
code	120034	120044	120054	120144	120154	120264

Equal socket



Ø	16	20	26
code	126004	126104	126204

Male



Ø	3/8"-16	1/2"-16	1/2"-20	3/4"-20	3/4"-26	1"-26
code	121034	121044	121144	121154	121254	121264

Reduced socket



Ø	20-16
code	126304

Elbow female



Ø	1/2"-16
code	127044

Elbow male



Ø	1/2"-16
code	128044

Equal elbow



Ø	16	20	26
code	125004	125104	125204

Reduced tee



Ø	20-16-20	20-16-16
code	124304	124404

Equal tee



Ø	16	20	26
code	124004	124104	124204

Wall connection



Ø	1/2"-16
code	129044

PTFE gaskets

1,5 mm thickness - Sold by 10.



Ø	3/8"	1/2"	3/4"	1"
code	123034	123044	123054	123064



Sizing tool

For pipes Ø 16 to 26.

Ø	16-1/2"
code	123604

Compression fittings - Radiators connections

Free nut Eurocone

Connection on radiators & lockshields valves 3/4" male Eurocone (sold by 2)

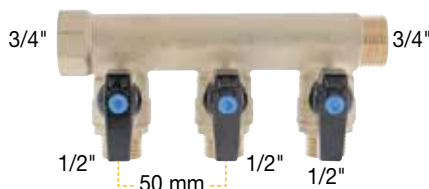


Ø	code
F 3/4"-16	MCCEC416
F 3/4"-20	MCCEC420

Distribution manifolds



Flat bearing manifolds



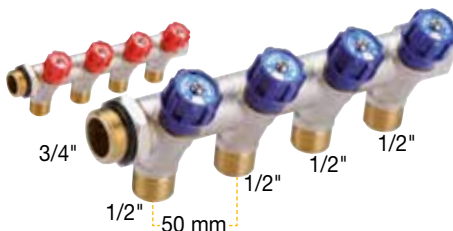
Sanitary manifolds with built-in valves

3/4" - Ø body 28 mm

Ø outlet 1/2" - Center distance 50 mm.



outlets	2	3	4	5	6	7	8
code	COLV42	COLV43	COLV44	COLV45	COLV46	COLV47	COLV48



3/4" - Ø body 27 mm

Ø outlet 1/2" - Center distance 50 mm.



outlets	2	3	4	5
blue code	COLRB42	COLRB43	COLRB44	COLRB45
red code	COLRR42	COLRR43	COLRR44	COLRR45



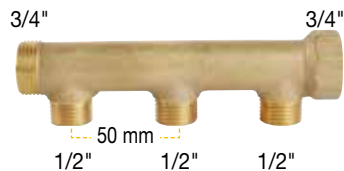
3/4" - Ø body 24,5 mm

Ø outlet 1/2" - Center distance 35 mm (compact).

outlets	2	3	4	5
code	SANR42	SANR43	SANR44	SANR45

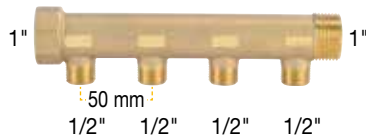


Modular manifolds



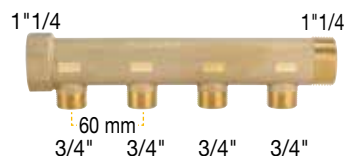
Male/female - 3/4" - Ø body 24 mm for 2 to 6 outlets - Ø body 26 mm for 7 outlets
 Ø outlet 1/2" - Center distance 50 mm.

outlets	2	3	4	5	6	7
code	ECOMPF42	ECOMPF43	ECOMPF44	ECOMPF45	ECOMPF46	CCOMF47



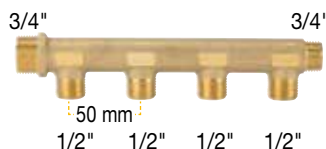
Male/female - 1" - Ø body 30 mm
 Ø outlet 1/2" - Center distance 50 mm.

outlets	2	3	4	5	6	7
code	CCOMP102	CCOMP103	CCOMP104	CCOMP105	CCOMP106	CCOMP107



Male/female - 1 1/4" - Ø body 39 mm
 Ø outlet 3/4" - Center distance 60 mm.

outlets	2	3	4	5	6
code	CCOMP142	CCOMP143	CCOMP144	CCOMP145	CCOMP146



Male/male - 3/4" - Ø body 19 mm for 1 outlet - Ø body 23 mm for 2 to 9 outlets
 Ø vertical outlet 1/2" - Center distance 50 mm.

outlets	1	2	3	4	5	6	7	8	9
code	CCOMP41	CCOMP42	CCOMP43	CCOMP44	CCOMP45	CCOMP46	CCOMP47	CCOMP48	CCOMP49

Modular manifolds with built-in fittings



With radial press fittings - 3/4" - Ø body 26 mm
 Center distance 50 mm.

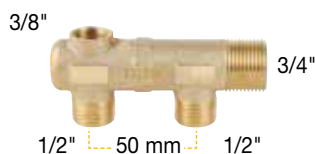
For PER pipe 10 x 12						For PER pipe 13 x 16				
outlets	2	3	4	5	6	2	3	4	5	6
code	GCOL4212	GCOL4312	GCOL4412	GCOL4512	GCOL4612	GCOL4216	GCOL4316	GCOL4416	GCOL4516	GCOL4616



With sliding fittings - 3/4" - Ø body 26 mm
 Center distance 50 mm.

For PER pipe 10 x 12						For PER pipe 13 x 16				
outlets	2	3	4	5	6	2	3	4	5	6
code	RCOL4212	RCOL4312	RCOL4412	RCOL4512	RCOL4612	RCOL4216	RCOL4316	RCOL4416	RCOL4516	RCOL4616

Single manifolds with draining outlet



3/4" - Ø body 25 mm for 2 to 5 outlets - Ø body 28 mm for 6 to 7 outlets
 Ø outlet 1/2" - Center distance 50 mm.

outlets	2	3	4	5	6	7
code	SIMPP42	SIMPP43	SIMPP44	SIMPP45	SIMPP46	SIMPP47



1" - Ø body 30 mm for 2 to 4 outlets - Ø body 32 mm for 5 to 6 outlets
 Ø outlet 1/2" - Center distance 50 mm.

outlets	3	4	5	6
code	SIMPP103	SIMPP104	SIMPP105	SIMPP106

Accessories for manifolds



Compact ball valves (FM1/2")



For flat bearing manifolds

code
VANP2E



For flat bearing manifolds

code
678004



Drain cock ball valve

Ø	code
1/2" FM	ROB554



Fitting 2 outlets (F3/8" & F1/2")

Ø	code
3/4"	BOU599D4
1"	BOU599D10



Plain cap for flat bearing

Ø	code
1/2"	BOUFP2
3/4"	BOUFP4
1"	BOUFP10



Thermometer holder

F1/2" - M1/2"
(threaded F1/4")

code
PORDER2



Ball valves with free nut (FM1/2")



For conical bearing manifolds

code
VANP2



For flat bearing manifolds

code
VANDERP



Fitting 1 outlet (F3/8")

Ø	code
3/4"	BOU599R4
1"	BOU599R10



Plain cap for conical bearing

Ø	code
3/4"	BOU599C4



Thermometer with glove finger

1/4" M - Ø 40 mm

code
THE391



Housing cabinet

For 3/4" & 1" manifolds - Plastic.

dimension (mm)	center distance (mm)	max. outlets	code
320 x 250 x 90	35	8	COF320
	50	6	
500 x 250 x 90	35	12	COF500
	50	9	

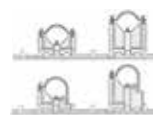


Brackets (sold by 2)

Ø	code
3/4"	SUP4
1"	SUP10
1"1/4"	SUP658U

Clips for housing cabinet

For 3/4" & 1" manifolds (sold by 4)



code
SUP35
SUP50

Single clips for pipe sheathes

(sold by box of 100). Price for 1 box.



Ø clip	16	20	22	25	28
pack	16 boxes	16 boxes	16 boxes	12 boxes	12 boxes
code	FIXS16	FIXS20	FIXS22	FIXS25	FIXS28

Pipe guide angle



Ø pipe	12	16	20
pack	10	10	10
code	GT12	GT16	GT20

Double clips for pipe sheathes

(sold by box of 100, except Ø 28: box of 50). Price for 1 box.



Ø clip	16	20	22	25	28
pack	16 boxes	12 boxes	9 boxes	9 boxes	12 boxes
code	FIXD16	FIXD20	FIXD22	FIXD25	FIXD28

Quadruple clips for pipe sheathes

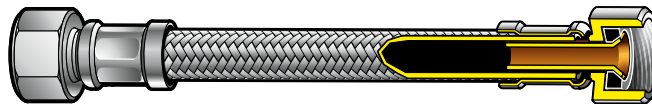
(sold by box of 50). Price for 1 box.



Ø clip	20	25
pack	12 boxes	9 boxes
code	FIXQ20	FIXQ25



Sanitary - Bore Ø 8 mm



For hot & cold water, sanitary taps, toilet tank, coffee machine, etc... - Stainless steel 304 braid (minimal cover 95%) - EPDM inner hose - Brass fittings - Nickel-plated brass or stainless steel sockets - EPDM gaskets - Max. temperature & pressure: 90°C / 10 bar - Water PH: 6 to 8 - Water & glycol: max. 30% glycol - Min. radial bending 30 mm - **Mandatory packing: 10 pcs.**



Female/female

	fittings	length (mm)	pack	code
Ø 8 mm	F 3/8" - F 3/8"	150	10	FF88 0150S
		200	10	FF88 0200S
		300	10	FF88 0300S
		400	10	FF88 0400S
		500	10	FF88 0500S
		600	10	FF88 0600S
		800	10	FF88 0800S
		1000	10	FF88 1000S
		1500	10	FF88 1500
	F 3/8" - F 1/2"	200 *	10	FF82 0200S
		300	10	FF82 0300S
		400	10	FF82 0400S
		500	10	FF82 0500
		600	10	FF82 0600S
	F 1/2" - F 1/2"	150	10	FF22 0150S
		300	10	FF22 0300S
		400	10	FF22 0400S
		500	10	FF22 0500S
		600	10	FF22 0600S
		800	10	FF22 0800S
		1000	10	FF22 1000S
		1500	10	FF22 1500
		2000	10	FF22 2000
	F 3/4" - F 3/4"	300	10	FF44 0300S
		500	10	FF44 0500S
		800	10	FF44 0800
		1000	10	FF44 1000

* while stocks last



Female/male

	fittings	length (mm)	pack	code
Ø 8 mm	F 3/8" - M 3/8"	150	10	FM88 0150S
		200	10	FM88 0200S
		300	10	FM88 0300S
		400	10	FM88 0400S
		500	10	FM88 0500S
		800	10	FM88 0800
	F 3/8" - M 1/2"	150	10	FM82 0150
		300	10	FM82 0300S
		500	10	FM82 0500
	F 1/2" - M 1/2"	150	10	FM22 0150S
		300	10	FM22 0300S
		400 *	10	FM22 0400S
		500	10	FM22 0500S
		600 *	10	FM22 0600S
		800	10	FM22 0800
		1000	10	FM22 1000S
	F 1/2" - M 3/8"	300	10	FM28 0300S
		500	10	FM28 0500
	F 3/4" - M 3/4"	300	10	FM44 0300
		500	10	FM44 0500

* while stocks last



Elbow female/female

	fittings	length (mm)	pack	code
Ø 8 mm	EF 3/8" - F 3/8"	300	10	CFF88 0300
		500	10	CFF88 0500
		700	10	CFF88 0700
	EF 1/2" - F 1/2"	300	10	CFF22 0300S
		500	10	CFF22 0500S
		800	10	CFF22 0800
		1000	10	CFF22 1000
	EF 3/4" - F 3/4"	1200	10	CFF44 1200
		1500	10	CFF44 1500



Elbow female/male

	fittings	length (mm)	pack	code
Ø 8 mm	EF 3/4" - M 3/4"	500	10	CFM44 0500S



Female/sleek end

	fittings	length (mm)	pack	code
Ø 8 mm	F 3/8" - SE 10	300	10	FTL810 0300
	F 1/2" - SE 10	300	10	FTL210 0300



Male/female

	fittings	length (mm)	pack	code
Ø 8 mm	M 10 - 1 short - F 3/8"	300	10	MXF8 0300S
	M 10 - 1 middle - F 3/8"	300	10	MYF8 0300S



Female/bicone

	fittings	length (mm)	pack	code
Ø 8 mm	F 3/8" - Bicone 10	300	10	FB8810 0300S
		500	10	FB8810 0500
	F 3/8" - Bicone 12	300	10	FB8812 0300
		500	10	FB8812 0500
	F 1/2" - Bicone 10	300	10	FB2810 0300S
	F 1/2" - Bicone 14	300	10	FB2214 0300



Male/bicone

	fittings	length (mm)	pack	code
Ø 8 mm	M 1/2" - Bicone 14	300	10	MB8810 0300S
	M 1/2" - Bicone 12	300	10	MB8812 0300
	M 1/2" - Bicone 10	300	10	MB2810 0300



Bicone/bicone

	fittings	length (mm)	pack	code
Ø 8 mm	Bicone 10 - Bicone 10	300	10	BB881010 0300

Plumbing - Bore Ø 13 mm



For hot & cold water, sanitary taps, plumbing, water heater, etc... - Stainless steel 304 braid (minimal cover 95%) - EPDM inner hose - Nickel-plated brass fittings - Nickel-plated brass or stainless steel sockets - EPDM gaskets - Max. temperature & pressure: 5°C to 90°C / 10 bar - Water PH: 6 to 8 - Min. radial bending 45 mm.



Female/female

	fittings	length (mm)	pack	code
Ø 13 mm	F 1/2" - F 1/2"	300	10	GFF22 0300S
		500	10	GFF22 0500S
		700	10	GFF22 0700S
		1000	10	GFF22 1000S
		1200	10	GFF22 1200
		1500	10	GFF22 1500
		2000	1	GFF22 2000
	F 3/4" - F 3/4"	300	10	GFF44 0300S
		500	10	GFF44 0500S
		700	10	GFF44 0700S
		1000	10	GFF44 1000S
		1200	10	GFF44 1200
		1500	1	GFF44 1500
		2000	1	GFF44 2000



Female/male

	fittings	length (mm)	pack	code
Ø 13 mm	F 1/2" - M 1/2"	300	10	GFM22 0300S
		500	10	GFM22 0500S
		700	10	GFM22 0700S
		1000	10	GFM22 1000S
	F 3/4" - M 1/2"	300	10	GFM42 0300
		500	10	GFM42 0500S
	F 3/4" - M 3/4"	300	10	GFM44 0300S
		500	10	GFM44 0500S
		700	10	GFM44 0700S
		1000	10	GFM44 1000S



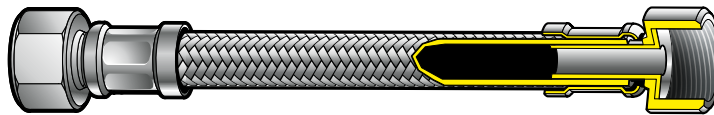
Elbow female/female

	fittings	length (mm)	pack	code
Ø 13 mm	EF 1/2" - F 1/2"	300	10	GCFF22 0300S
		500	10	GCFF22 0500S
		700	10	GCFF22 0700S
		1000	10	GCFF22 1000S
		1200	10	GCFF22 1200
		1500	10	GCFF22 1500
	EF 3/4" - F 3/4"	500	10	GCFF44 0500S
		700	10	GCFF44 0700S
		800	10	GCFF44 0800
		1000	10	GCFF44 1000S
		1200	10	GCFF44 1200S
		1500	10	GCFF44 1500S
		2000	1	GCFF44 2000



Elbow female/male

	fittings	length (mm)	pack	code
Ø 13 mm	EF 1/2" - M 1/2"	300	10	GCFM22 0300
		500	10	GCFM22 0500



Plumbing, heating, air conditioning & pressurisation set - Bore Ø 15 to 50 mm

For hot & cold water, boiler, water heater, air conditioning & pressurisation set - Stainless steel 304 braid (minimal cover 95%) - EPDM inner hose - Nickel-plated brass fittings - Anodised aluminium sockets - Max. temperature & pressure: -5°C to 100°C / 10 bar up to Ø 3/4" & 6 bar above - Water PH: 6 to 8.



Female/female

	fittings	length (mm)	min. radial bending (mm)	pack	code
Ø 15 mm	F 1/2" - F 1/2"	300	70	10	HFF22 0300S
		500	70	10	HFF22 0500S
		700	70	10	HFF22 0700S
		1000	70	10	HFF22 1000S
		1500	70	1	HFF22 1500
Ø 19 mm	F 3/4" - F 3/4"	300	70	10	H15FF44 0300
		500	70	10	H15FF44 0500
		700	70	10	H15FF44 0700
		1000	70	10	H15FF44 1000
		1500	70	1	H15FF44 1500
Ø 25 mm	F 1" - F 1"	300	100	5	HFF1010 0300S
		500	100	5	HFF1010 0500S
		700	100	5	HFF1010 0700S
		1000	100	1	HFF1010 1000S
Ø 32 mm	F 1 1/4" - F 1 1/4"	500	160	1	HFF1414 0500S
		700	160	1	HFF1414 0700S
		1000	160	1	HFF1414 1000S
Ø 40 mm	F 1 1/2" - F 1 1/2"	500	180	1	HFF1212 0500S
		700	180	1	HFF1212 0700S
		1000	180	1	HFF1212 1000S
Ø 50 mm	F 2" - F 2"	500	230	1	HFF2020 0500S
		700	230	1	HFF2020 0700S
		1000	230	1	HFF2020 1000S



Female/male

	fittings	length (mm)	min. radial bending (mm)	pack	code
Ø 15 mm	F 1/2" - M 1/2"	300	70	10	HFM22 0300S
		500	70	10	HFM22 0500S
		700	70	10	HFM22 0700S
		1000	70	1	HFM22 1000S
Ø 19 mm	F 3/4" - M 3/4"	300	80	10	HFM44 0300S
		500	80	10	HFM44 0500S
		700	80	10	HFM44 0700S
		1000	80	1	HFM44 1000S
Ø 25 mm	F 1" - M 1"	300	100	5	HFM1010 0300S
		500	100	5	HFM1010 0500S
		700	100	5	HFM1010 0700S
		1000	100	1	HFM1010 1000S
Ø 32 mm	F 1 1/4" - M 1 1/4"	500	160	1	HFM1414 0500S
		700	160	1	HFM1414 0700S
		1000	160	1	HFM1414 1000S
Ø 40 mm	F 1 1/2" - M 1 1/2"	500	180	1	HFM1212 0500S
		700	180	1	HFM1212 0700S
		1000	180	1	HFM1212 1000S
Ø 50 mm	F 2" - M 2"	500	230	1	HFM2020 0500S
		700	230	1	HFM2020 0700S
		1000	230	1	HFM2020 1000S



Elbow female/female

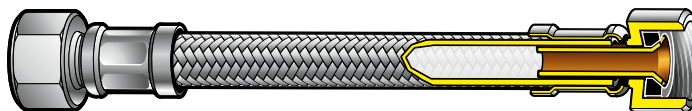
	fittings	length (mm)	min. radial bending (mm)	pack	code
Ø 15 mm	EF 1/2" - F 1/2"	300	70	10	HCFF22 0300S
		500	70	10	HCFF22 0500S
		700	70	10	HCFF22 0700S
		1000	70	10	HCFF22 1000S
Ø 19 mm	EF 3/4" - F 3/4"	300	80	5	HCFF44 0300S
		500	80	5	HCFF44 0500S
		700	80	5	HCFF44 0700S
		1000	80	5	HCFF44 1000S
Ø 25 mm	EF 1" - F 1"	500	100	5	HCFF1010 0500S
		700	100	5	HCFF1010 0700S
		1000	100	1	HCFF1010 1000S



Elbow female/male

	fittings	length (mm)	min. radial bending (mm)	pack	code
Ø 25 mm	EF 1" - M 1"	500	100	5	HCFM1010 0500S
		700	100	5	HCFM1010 0700S
		1000	100	5	HCFM1010 1000S
Ø 32 mm	EF 1 1/4" - M 1 1/4"	700 *	130	5	HCFM1414 0700S

* while stocks last



Hospital & collective housing - Bore Ø 8,2 mm

For chlorine treatment - Stainless steel 304 braid (minimal cover 95%) - PEX inner hose - Nickel-plated brass fittings - Stainless steel sockets - Max. temperature & pressure: 90°C / 10 bar.



	fittings	length (mm)	pack	code
Ø 8 mm	F 3/8" - F 3/8"	300	10	PFF88 0300
		500	10	PFF88 0500
		700	10	PFF88 0700
		1000	10	PFF88 1000
	F 1/2" - F 1/2"	300	10	PFF22 0300
		500	10	PFF22 0500
		700	10	PFF22 0700
		1000	10	PFF22 1000

Corrugated stainless steel flexible piping system



Flexible & extensible hoses - Boilerflex



Extensible (twice the initial length) - Flexible in any direction - Suitable for: water, steam, hydrocarbons... - Stainless steel 316 hose - Stainless steel 303 male fittings - Nickel-plated brass nut with stainless steel 303 flat bearing - PS: 10 bar - TS: 250°C.



Ø pipe (mm)	fittings	extensible length (mm)	interior Ø (mm)	exterior Ø (mm)	code
12	F 1/2" - M 1/2"	90 to 140	12	16,5	RFM22 090
		130 to 220	12	16,5	RFM22 130
		220 to 420	12	16,5	RFM22 220
16	F 3/4" - M 3/4"	60 to 120	16	21,5	RFM44 060
		90 to 140	16	21,5	RFM44 090
		130 to 220	16	21,5	RFM44 130
		220 to 420	16	21,5	RFM44 220
25	F 1" - M 1"	130 to 220	25	32,0	RFM1010 130
		220 to 420	25	32,0	RFM1010 220

Flexible pipes & fittings

■ Insulated solar panel connections



Material: stainless steel 316L - Anti-UV insulation foam socket - Supplied with probe - Insulation thickness 13 mm - PS: 10 bar - TS: -57°C/+127°C (temporarily: +175°C).

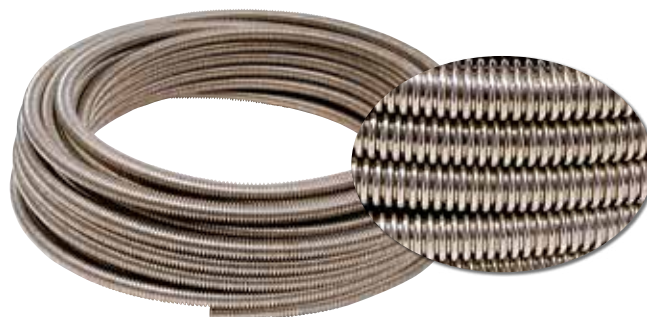
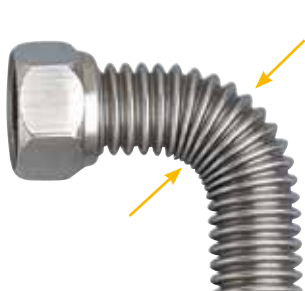


Bi-pipe set 1 coil & 4 fitting set

Ø pipe (mm)	fittings	coil length (m)	code
16	FF 3/4"	10	ECO1610C13
		15	ECO1615C13
		20	ECO1620C13

■ Heating, plumbing & air-conditioning connections

Material: stainless steel 316L - Max. temperature & pressure: 300°C / 10 bar.



Pipe

Sold only by coil.

Ø pipe (mm)	coil length (m)	interior Ø (mm)	exterior Ø (mm)	working pressure (bar)	max pressure (bar)	min. radial bending (mm)	code
12	25	12,1	16,5	10	40	45	I1225
	50	12,1	16,5	10	40	45	I1250
16	25	16,1	21,5	10	40	58	I1625
	50	16,1	21,5	10	40	58	I1650
20	25	20,1	26,5	10	40	70	I2025
25	25	25,3	32	7	28	85	I2525

Cutter-pipe



code
ICT



■ Fittings with tool - Flat bearing



Fittings set

Ø pipe (mm)	fitting	pack	code
12	1/2"	10	IR12
16	3/4"	10	IR16
20	1"	10	IR20
25	1"1/4	10	IR25

Head



Ø pipe (mm)	code
12	ITE12
16	ITE16
20	ITE20
25	ITE25

+



Piston

code
IPISTON



Nipple



Ø	pack	code
1/2"	10	IM2
3/4"	10	IM4
1"	10	IM10
1"1/4	10	IM14

For male connection to the pipe - May replace piston & head when tight.