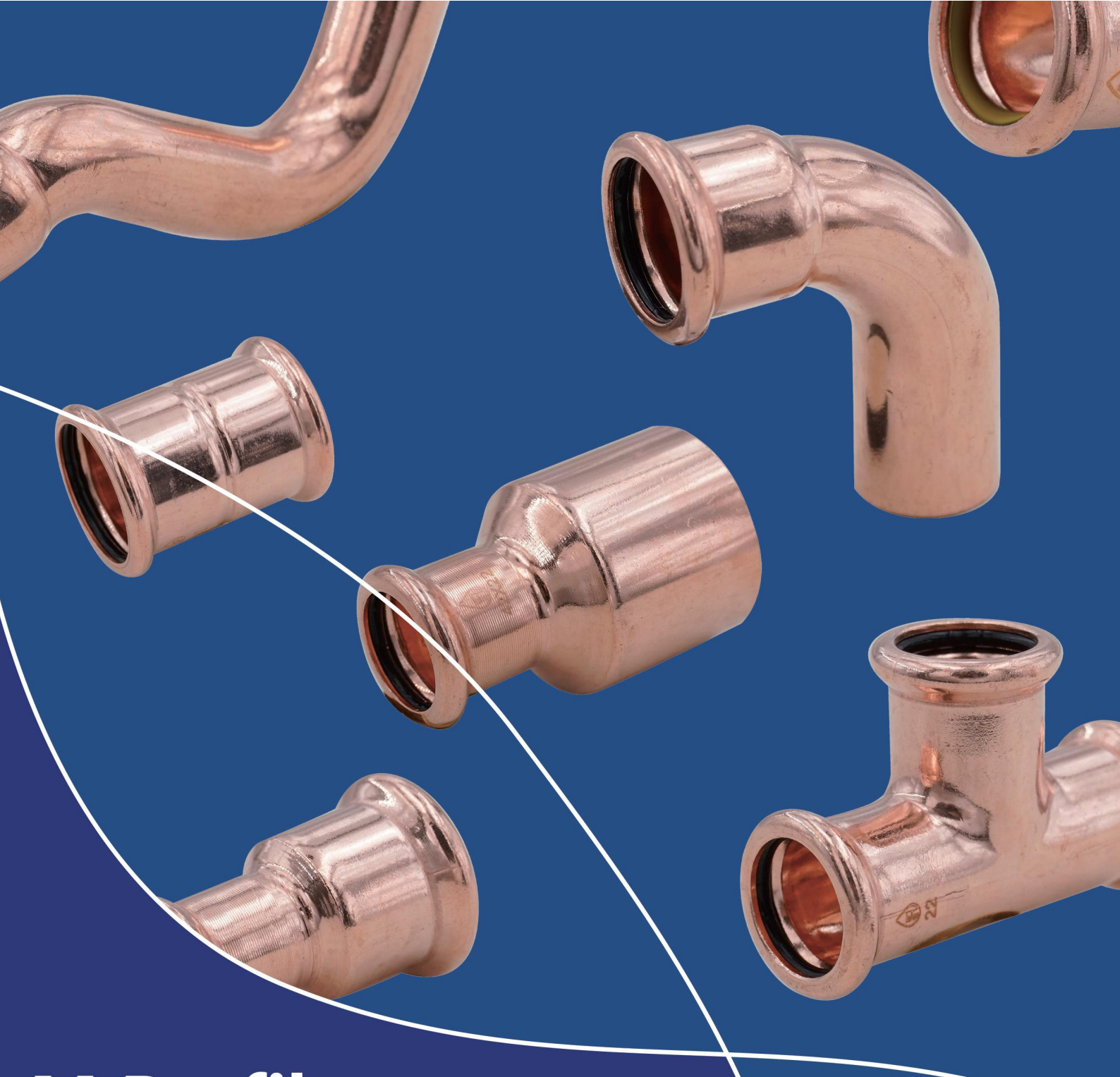


M Profile
Copper Press Fitting
For Water and Gas

WIDE
SIZE RANGE

HIGH
QUALITY MATERIALS

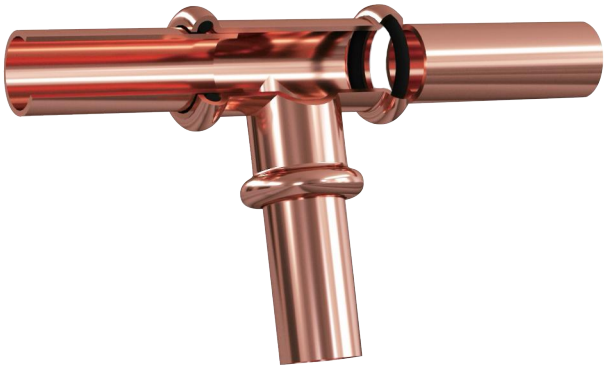
WRAS
APPROVED

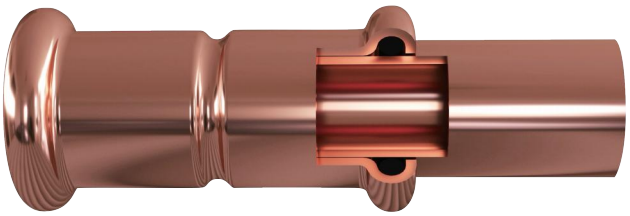
DVGW
APPROVED

BASTION
INDUSTRIES

Product Overview

BASTION M ProfilePress Copper Fittings
BASTION M Press Copper Fittings are crafted from high-quality copper and copper alloy, incorporating a durable black EPDM (Ethylene Propylene Diene Monomer)'O' ring.
These fittings are designed for the efficient and rapid jointing of copper tubes conforming to BS EN 1057 R250 and R290 standards, available in sizes ranging from 15mm to 54mm.

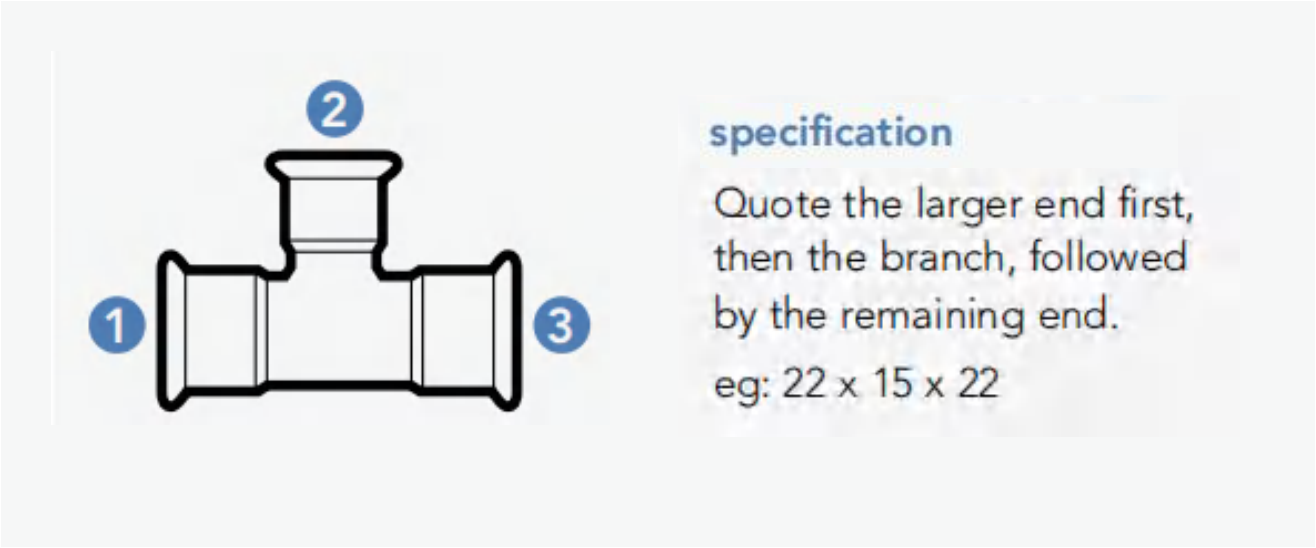




Features

·**High-Quality Materials**:
Made from robust copper and copper alloy for durability and reliability.
·**Wide Size Range**:
Available in sizes from 15mm to 54mm to accommodate various applications.
·**Electrical Continuity**:
Ensures assured electrical continuity upon completing the M Press joint.
·**Clean, Heat-Free Jointing**:
Facilitates a clean jointing process without the need for heat.
·**Safety**: Eliminates the need for naked flames,
hot work permits, or costly insurance.
·**Certifications:**
·**WRAS Approved**
·**DVGW Approved**
·**BSI Approved**
·**Temperature Rating**:
Operates effectively within a temperature range of -24℃ to 110℃.
·**Pressure Rating**:
Maintains a consistent pressure rating of 16 bar across the entire temperature range.
These fittings provide a reliable solution within permissible pressure and temperature limits, ensuring safety and efficiency in various installations.

Tee Specification



Warranty Information

The Bastion M Press Copper fittings come with a 25-year guarantee against all manufacturing defects. This warranty is valid when the fittings are installed alongside other pipeline components from manufacturers that conform to the specified standards.

Appllications

BASTION M Press fittings are suitable for a variety of applications including:
·Hot and cold water services
·Vented and unvented closed circuit heating systems
·Chilled water systems
·Oil-free compressed air systems
These fittings provide a reliable solution within permissible pressure and temperature limits, ensuring safety and efficiency in various installations.



BASTION
INDUSTRIES

FOR WATER

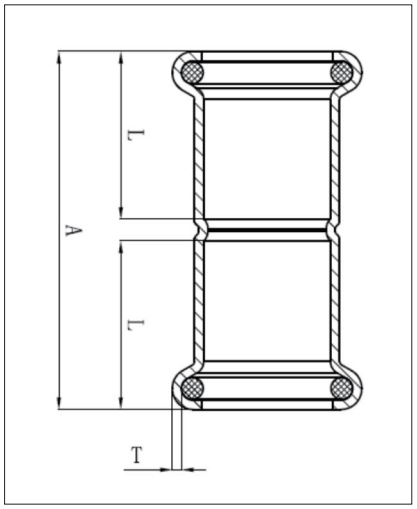
ZL–KM101



Straight Coupling

Connection：Press x press

CODE	SIZE	L	A	T	QTY/CTN
ZL-KM101-S1515	15x15mm	20	43	1.1	180
ZL-KM101-S2222	22x22mm	21	44	1.1	90
ZL-KM101-S2828	28x28mm	23	48	1.1	60
ZL-KM101-S3535	35x35mm	26	55	1.15	25
ZL-KM101-S4242	42x42mm	30	67	1.2	20
ZL-KM101-S5454	54x54mm	35	80	1.2	12



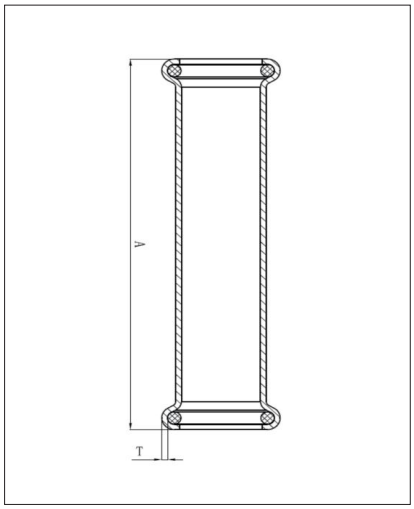
ZL–KML102



Straight Coupling Slip Pattern

Connection：Press x press（without tube stop）

CODE	SIZE	A	T	QTY/CTN
ZL-KML102-S1515	15x15mm	80	1.1	100
ZL-KML102-S2222	22x22mm	80	1.1	50
ZL-KML102-S2828	28x28mm	90	1.1	40
ZL-KML102-S3535	35x35mm	102	1.15	25
ZL-KML102-S4242	42x42mm	120	1.2	12
ZL-KML102-S5454	54x54mm	140	1.2	8



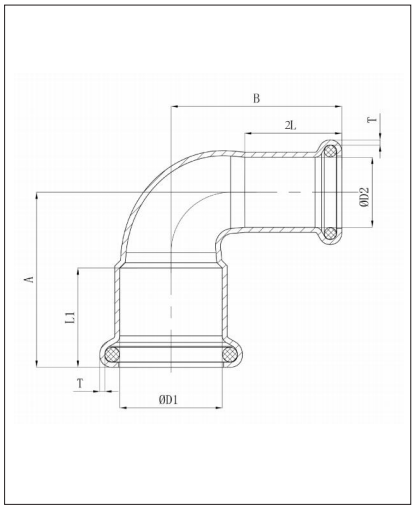
ZL–KM103



90° Elbow Reducer

Connection: Press x press

CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
ZL-KM103-L2215	22x15mm	22	15	21	20	38	37	80
ZL-KM103-L2815	28x15mm	28	15	23	20	43	37	50
ZL-KM103-L2822	28x22mm	28	22	23	21	40	36	50



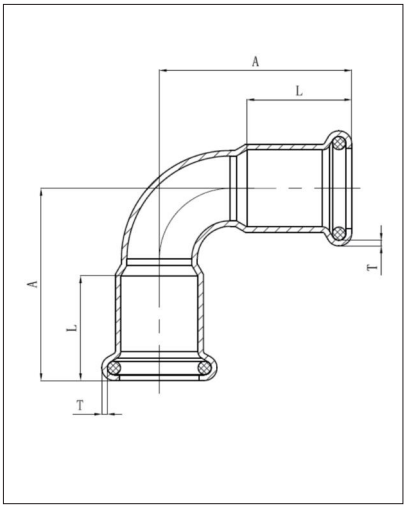
ZL–KM103



90° Elbow Equal 90° Elbow

Connection: Press x press

CODE	SIZE	L	A	T	QTY/CTN
ZL-KM103-L1515	15x15mm	20	38	1.1	140
ZL-KM103-L2222	22x22mm	21	47.5	1.1	60
ZL-KM103-L2828	28x28mm	23	56.5	1.1	30
ZL-KM103-L3535	35x35mm	26	68	1.15	12
ZL-KM103-L4242	42x42mm	30	80.4	1.2	8
ZL-KM103-L5454	54x54mm	35	100	1.2	6



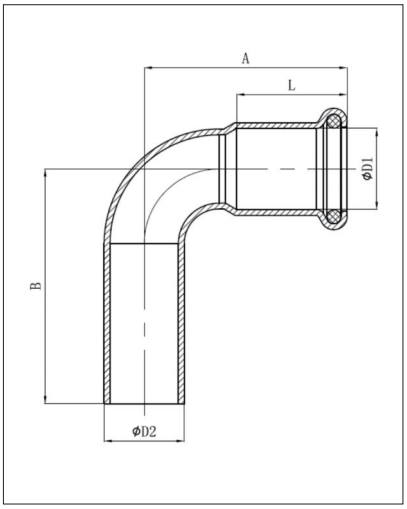
ZL–KM104



90° Street Elbow

Connection: Press x male end for insertion into a Press fitting

CODE	SIZE	D1	D2	L	A	B	QTY/CTN
ZL-KM104-L1515	15x15mm	15	15	20	38	44	150
ZL-KM104-L2222	22x22mm	22	22	21	47.5	58	60
ZL-KM104-L2828	28x28mm	28	28	23	56.5	65	30
ZL-KM104-L3535	35x35mm	35	35	26	68	82	12
ZL-KM104-L4242	42x42mm	42	42	30	80	103	8
ZL-KM104-L5454	54x54mm	54	54	35	100	123	6



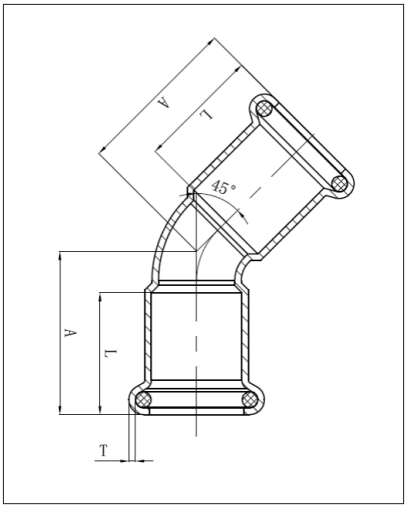
ZL–KM105



45° Elbow

Connection: Press x press

CODE	SIZE	L	A	T	QTY/CTN
ZL-KM105-L1515	15x15mm	20	27.5	1.1	150
ZL-KM105-L2222	22x22mm	21	32	1.1	70
ZL-KM105-L2828	28x28mm	23	37	1.1	40
ZL-KM105-L3535	35x35mm	26	43.5	1.15	20
ZL-KM105-L4242	42x42mm	30	51	1.2	12
ZL-KM105-L5454	54x54mm	35	62	1.2	6

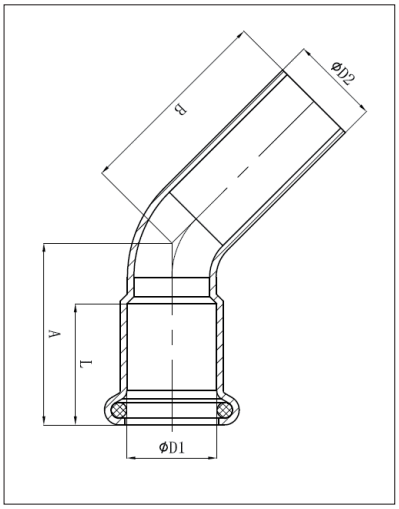


ZL–KM106



45° Street Elbow

Connection: Press x male end for insertion into a Press fitting



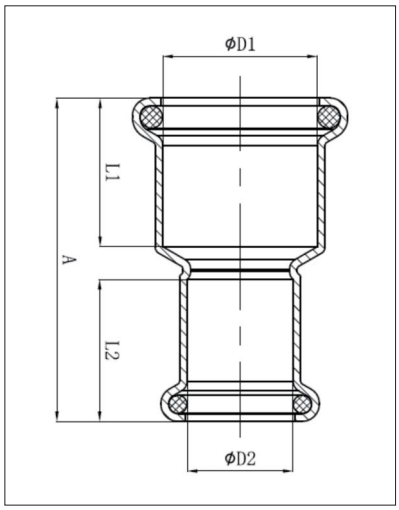
CODE	SIZE	D1	D2	L	A	B	QTY/CTN
ZL-KM106-L1515	15x15mm	15	15	20	27.5	34	150
ZL-KM106-L2222	22x22mm	22	22	21	32	42	80
ZL-KM106-L2828	28x28mm	28	28	23	37	45	40
ZL-KM106-L3535	35x35mm	35	35	26	44	58	20
ZL-KM106-L4242	42x42mm	42	42	30	51	73	12
ZL-KM106-L5454	54x54mm	54	54	35	62	85	6

ZL–KM107



Reducing Coupling

Connection: Press x press



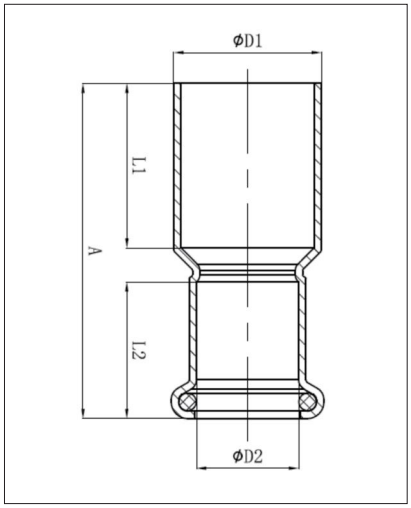
CODE	SIZE	D1	D2	L1	L2	A	QTY/CTN
ZL-KM107-S2215	22x15mm	22	15	21	20	46.5	100
ZL-KM107-S2815	28x15mm	28	15	23	20	53	80
ZL-KM107-S2822	28x22mm	28	22	23	21	50.5	60
ZL-KM107-S3515	35x15mm	35	15	26	20	60.5	50
ZL-KM107-S3522	35x22mm	35	22	26	21	57	40
ZL-KM107-S3528	35x28mm	35	28	26	23	56	40
ZL-KM107-S4222	42x22mm	42	22	30	21	65	32
ZL-KM107-S4228	42x28mm	42	28	30	23	63.5	24
ZL-KM107-S4235	42x35mm	42	35	30	26	63	24
ZL-KM107-S5428	54x28mm	54	28	35	23	75.5	20
ZL-KM107-S5435	54x35mm	54	35	35	26	74.5	14
ZL-KM107-S5442	54x42mm	54	42	35	30	75	12

ZL–KM108



Street Reducer

Connection: Larger x male end for insertion into fitting x Press



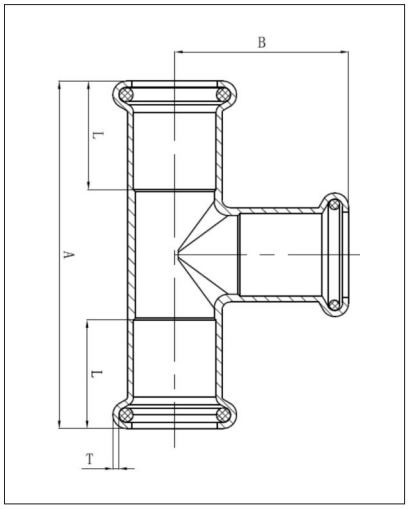
CODE	SIZE	D1	D2	L1	L2	A	QTY/CTN
ZL-KM108-S2215	22x15mm	22	15	24	20	50	120
ZL-KM108-S2815	28x15mm	28	15	27	20	55	100
ZL-KM108-S2822	28x22mm	28	22	27	21	53	60
ZL-KM108-S3522	35x22mm	35	22	30	21	60	40
ZL-KM108-S3528	35x28mm	35	28	30	23	59	40
ZL-KM108-S4222	42x22mm	42	22	34	21	67	32
ZL-KM108-S4228	42x28mm	42	28	34	23	67	24
ZL-KM108-S4235	42x35mm	42	35	34	26	66	24
ZL-KM108-S5422	54x22mm	54	22	39	21	81	20
ZL-KM108-S5428	54x28mm	54	28	39	23	80	20
ZL-KM108-S5435	54x35mm	54	35	39	26	79	14
ZL-KM108-S5442	54x42mm	54	42	39	30	78	12

ZL–KM109



Equal Tee

Connection: Press x press x press



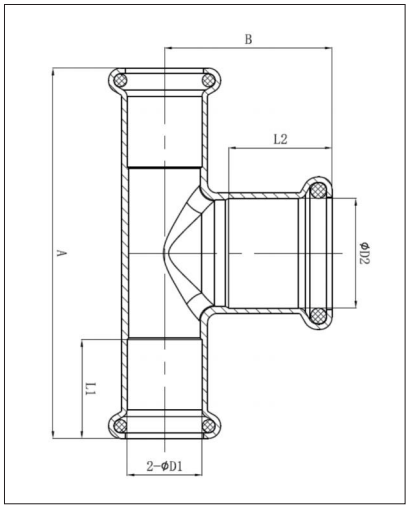
CODE	SIZE	L	A	B	T	QTY/CTN
ZL-KM109-L151515	15x15x15mm	20	64	32	1.1	80
ZL-KM109-L222222	22x22x22mm	21	74	37	1.1	40
ZL-KM109-L282828	28x28x28mm	23	84	42	1.1	25
ZL-KM109-L353535	35x35x35mm	26	100	50	1.1	12
ZL-KM109-L424242	42x42x42mm	30	116	58	1.2	8
ZL-KM109-L545454	54x54x54mm	35	138	69	1.2	4

ZL–KM110



Tee Both End Reduced

Connection: Press x press x press



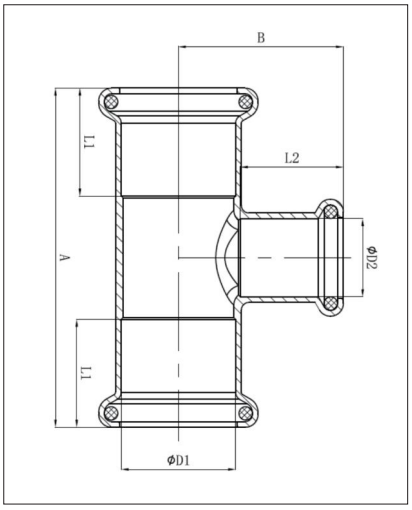
CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
ZL-KM110-T152215	15x22x15mm	15	22	20	21	75	34	60
ZL-KM110-T222822	22x28x22mm	22	28	21	23	78	38	30

ZL–KM110

Tee Reduced Branch

Connection: Press x press x press





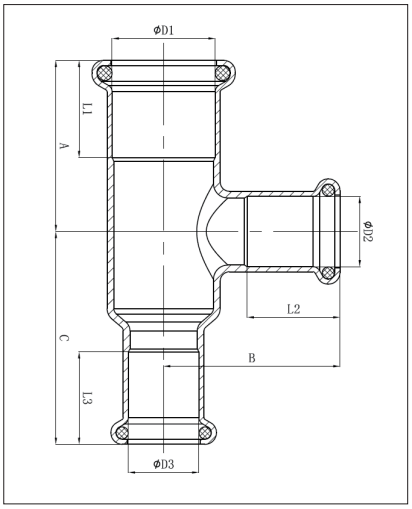
CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
ZL-KM110-T221522	22x15x22mm	22	15.2	21	20	66	31	50
ZL-KM110-T281528	28x15x28mm	28	15.2	23	20	84	40.5	30
ZL-KM110-T282228	28x22x28mm	15	22.2	23	21	84	41	30
ZL-KM110-T351535	35x15x35mm	35	15	26	20	90	44	20
ZL-KM110-T352235	35x22x35mm	35	22	26	21	90	45	15
ZL-KM110-T352835	35x28x35mm	35	28	26	23	100	44	15
ZL-KM110-T421542	42x15x42mm	42	15	30	20	100	48	12
ZL-KM110-T422242	42x22x42mm	42	22	30	21	100	48	12
ZL-KM110-T422842	42x28x42mm	42	28	30	23	112	49	12
ZL-KM110-T423542	42x35x42mm	42	35	30	26	112	50	10
ZL-KM110-T542254	54x22x54mm	54	22	35	21	120	54	6
ZL-KM110-T542854	54x28x54mm	54	28	35	23	120	55	6
ZL-KM110-T543554	54x35x54mm	54	35	35	26	122	55	6
ZL-KM110-T544254	54x42x54mm	54	42	35	30	138	64	6

ZL–KM110

Tee Reduced Branch

Connection: Press x press x press





CODE	SIZE	D1	D2	D3	L1	L2	L3	A	B	C	QTY/CTN
ZL-KM110-T221515	22x15x15	22	15	15	21	20	20	37	38	46	50
ZL-KM110-T222215	22x22x15	22	22	15	21	21	20	37	37	46	40
ZL-KM110-T282222	28x22x22	28	22	22	23	21	21	42	41	42.5	30
ZL-KM110-T282822	28x28x22	28	28	22	23	23	21	42	42	46	20
ZL-KM110-T281522	28x15x22	28	15	22	23	20	21	42	40.5	42	30
ZL-KM110-T282815	28x28x15	28	28	15	23	23	20	42	42	50	25
ZL-KM110-T352222	35x22x22	35	22	22	26	21	21	45	42	47	20
ZL-KM110-T353522	35x35x22	35	35	22	26	26	21	50	50	55	15
ZL-KM110-T353528	35x35x28	35	35	28	26	26	23	50	48.5	55	15
ZL-KM110-T423535	42x35x35	42	35	35	30	26	26	55	54	57	10

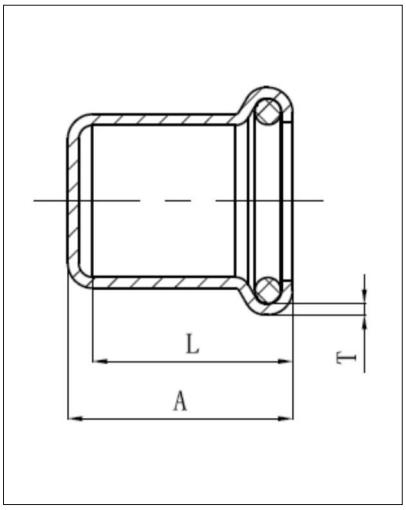
ZL–KM111



Stop End

Connection: Press

CODE	SIZE	A	L	T	QTY/CTN
ZL-KM111-D1515	15mm	22.5	20	1.1	300
ZL-KM111-D2222	22mm	24.5	21	1.1	180
ZL-KM111-D2828	28mm	26.5	23	1.1	120
ZL-KM111-D3535	35mm	29.5	26	1.2	60
ZL-KM111-D4242	42mm	33.5	30	1.2	30
ZL-KM111-D5454	54mm	38.5	35	1.2	20



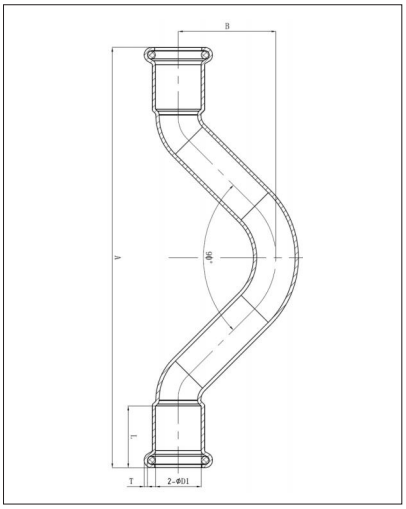
ZL–KM112



Full Crossover

Connection: Press x press

CODE	SIZE	D1	L	A	B	T	QTY/CTN
ZL-KM112-S1515	15x15mm	15	20	140	32.5	1.1	40
ZL-KM112-S2222	22x22mm	22	21	172	36	1.1	20



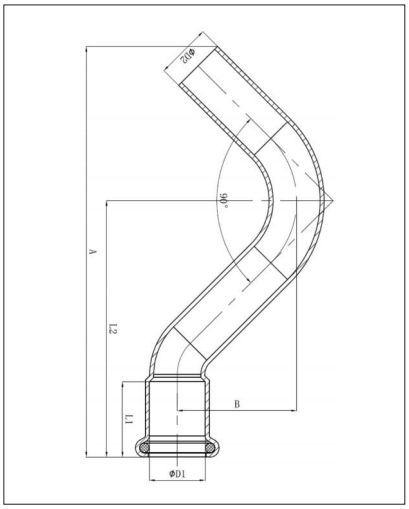
ZL–KM113



Partial Crossover

Connection: Press x male end for insertion into a Press fitting

CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
ZL-KM113-L1515	15x15mm	15.2	15	20	70	112	32.5	50
ZL-KM113-L2222	22x22mm	22.2	22	21	86	133	36	20



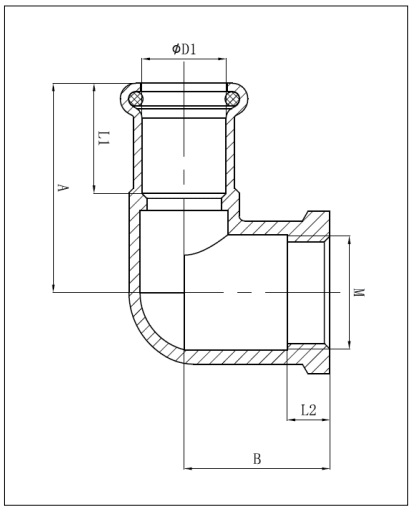
ZL–KM114

Female 90° Elbow

Connection：Press x BSP female thread



CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
ZL-KM114-L1512F	15x1/2F	15	20	15	38	26.5	Rp1/2	100
ZL-KM114-L2234F	22x3/4F	22	21	12.2	42	24	Rp3/4	60
ZL-KM114-L2811F	28x1F	28	21	13.9	48	31	Rp1	35



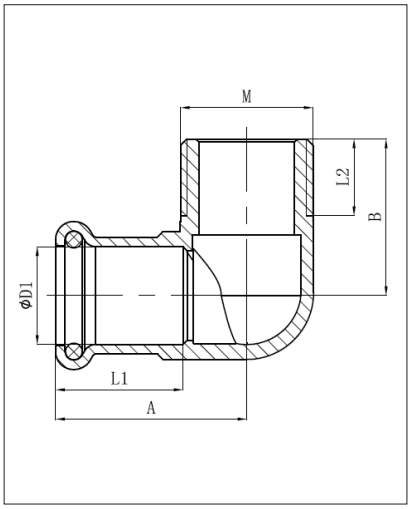
ZL–KM115

Male 90° Elbow

Connection：Press x BSP male thread



CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
ZL-KM115-L1512M	15x1/2	15	20	11.4	30	24.5	R1/2	120
ZL-KM115-L2234M	22x3/4	22	21	13	42	27	R3/4	60
ZL-KM115-L2811M	28x1	28	23	17	42	36	R1	40



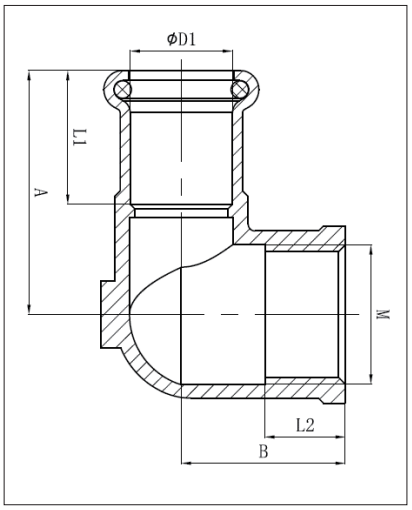
ZL–KM116

Back Plate Elbow

Connection：Press x female thread



CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
ZL-KM116-L1512F	15x1/2	15	20	12	36.5	24.5	Rp1/2	70

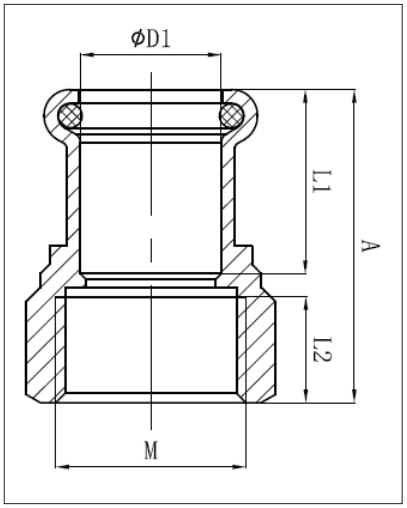


ZL–KM117

Female Couping

Connection: Press x BSP Female thread





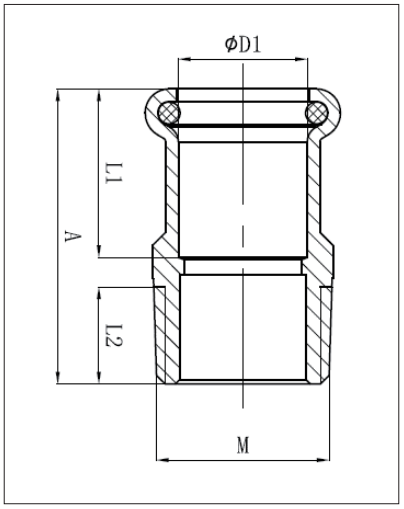
CODE	SIZE	D1	L1	L2	A	M	QTY/CTN
ZL-KM117-S1512F	15x1/2F	15	20	11	34	R1/2	180
ZL-KM117-S1534F	15x3/4F	15	20	12	37	R3/4	120
ZL-KM117-S2212F	22x1/2F	22	19	11	35	R1/2	120
ZL-KM117-S2234F	22x3/4F	22	21	13	42	R3/4	90
ZL-KM117-S2211F	22x1F	22	21	16	43	R1	70
ZL-KM117-S2834F	28x3/4F	28	23	13	41	R3/4	80
ZL-KM117-S2811F	28x1F	28	23	16	46	R1	60
ZL-KM117-S3511F	35x1F	35	26	14	44	R1	35
ZL-KM117-S35114F	35x1-1/4F	35	26	17	49	R1-1/4	35
ZL-KM117-S42112F	42x1-1/2F	42	30	18.5	53.2	R1-1/2	20
ZL-KM117-S5421F	54x2F	54	35	25.7	66	R2	16

ZL–KM117

Male Couping

Connection: Press x BSP male thread





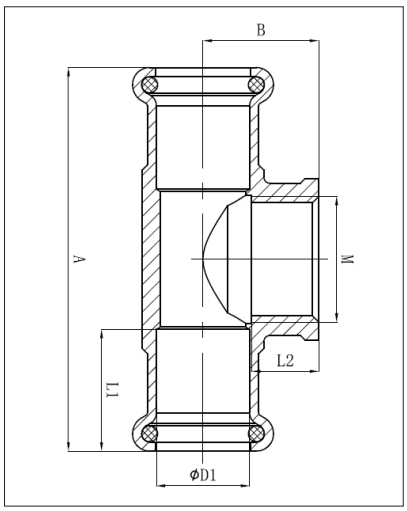
CODE	SIZE	D1	L1	L2	A	M	QTY/CTN
ZL-KM117-S1512M	15x1/2mm	15	20	11.5	35	R1/2	200
ZL-KM117-S1534M	15x3/4mm	15	20	13	41	R3/4	150
ZL-KM117-S2212M	22x1/2mm	22	19	11.5	41.5	R1/2	120
ZL-KM117-S2234M	22x3/4mm	22	21	13	42	R3/4	100
ZL-KM117-S2211M	22x1mm	22	21	14.5	46.5	R1	80
ZL-KM117-S2834M	28x3/4mm	28	23	13	49	R3/4	70
ZL-KM117-S2811M	28x1mm	28	23	14.5	48	R1	70
ZL-KM117-S3511M	35x1mm	35	26	14.5	56.6	R1	40
ZL-KM117-S35114M	35x1-1/4mm	35	26	17	53	R1-1/4	40
ZL-KM117-S42112M	42x1-1/2mm	42	30	19	58	R1-1/2	20
ZL-KM117-S5421M	54x2mm	54	35	23	62.7	R2	16

ZL–KM118



Female Branch Tee

Connection: Press x BSP female branch



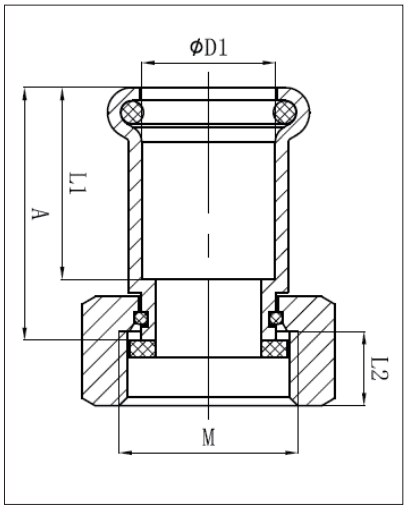
CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
ZL-KM118-T1512F15	15x1/2Fx15	15	20	11	63	19	Rp1/2	80
ZL-KM118-T2212F22	22x1/2Fx22	22	21	11	70	22	Rp1/2	50
ZL-KM118-T2234F22	22x3/4Fx22	22	21	15	78	27	Rp3/4	40
ZL-KM118-T2812F28	28x1/2Fx28	28	23	13	76	28	Rp1/2	35
ZL-KM118-T2834F28	28x3/4Fx28	28	23	12.2	82	26	Rp3/4	30
ZL-KM118-T3512F35	35x1/2Fx35	35	26	13	90	32	Rp1/2	20
ZL-KM118-T4212F42	42x1/2Fx42	42	30	13	102	36	Rp1/2	15
ZL-KM118-T5412F54	54x1/2Fx54	54	35	13	112	42	Rp1/2	10

ZL–KM119



Female Swivel Couping

Connection: Press x female union



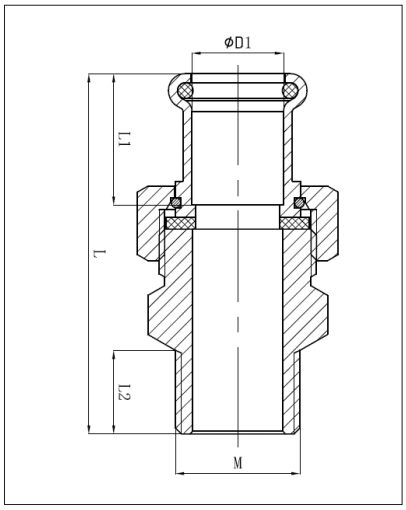
CODE	SIZE	D1	L1	L2	A	M	QTY/CTN
ZL-KM119-S1512F	15x1/2F	15	22	7.5	29	G1/2	120
ZL-KM119-S1534F	15x3/4F	15	22	7.5	24	G3/4	150
ZL-KM119-S2211F	22x1F	22	24	9	26	G1	100
ZL-KM119-S2234F	22x3/4F	22	24	7.5	31.5	G3/4	80
ZL-KM119-S28114F	28x1-1/4F	28	25.5	10.5	27.5	G1-1/4	70

ZL–KM120



Male Union Swivel Couping

Connection: Press x BSP male thread



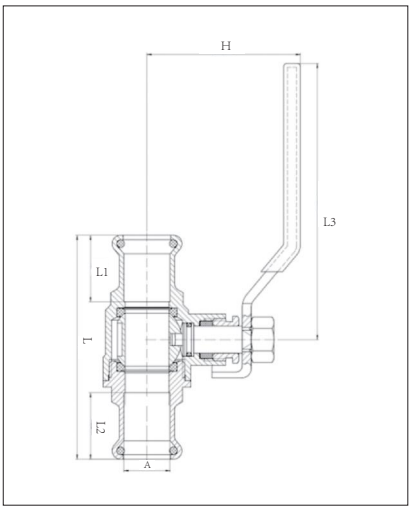
CODE	SIZE	D1	L	L1	L2	M	QTY/CTN
ZL-KM120-S1512M	15x1/2M	15	62	22	14	R1/2	70
ZL-KM120-S2234M	15x3/4M	22	65.5	24	15.5	R3/4	50
ZL-KM120-S2811M	22x1M	28	70.5	25.5	18	R1	25

ZL–4198



Full -bore Ball Valve with Lever Handle

Connection: Press x press



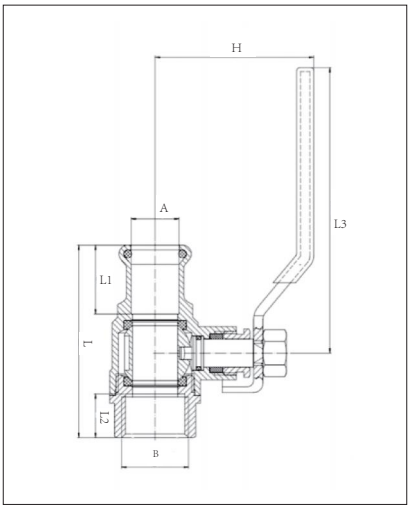
CODE	SIZE	L1	L2	L3	L	H	QTY/CTN
ZL-4198-1515R	15x15mm	22	22	91	74	51	54
ZL-4198-2222R	22x22mm	21	21	91	82	54.5	36
ZL-4198-2828R	28x28mm	27	27	100	105	62.5	24
ZL-4198-3535R	35x35mm	26	26	130	110	72.5	18
ZL-4198-4242R	42x42mm	34	34	130	134.5	79	8
ZL-4198-5454R	54x54mm	35	35	156.5	149.5	94.5	4
ZL-4198-1515B	15x15mm	22	22	91	74	51	54
ZL-4198-2222B	22x22mm	21	21	91	82	54.5	36
ZL-4198-2828B	28x28mm	27	27	100	105	62.5	24
ZL-4198-3535B	35x35mm	26	26	130	110	72.5	18
ZL-4198-4242B	42x42mm	34	34	130	134.5	79	8
ZL-4198-5454B	54x54mm	35	35	156.5	149.5	94.5	4

ZL–4199



Full -bore Ball Valve with Female Connection

Connection: Press x thread



CODE	SIZE	A	B	L1	L2	L3	L	H	QTY/CTN
ZL-4199-1512FR	15x1/2F	15	G1/2	22	14	91	61.5	51	54
ZL-4199-2234FR	22x3/4F	22	G3/4	21	14	91	67	54.5	36
ZL-4199-2811FR	28x1F	28	G1	27	15	100	83	62.5	24
ZL-4199-35114FR	35x1-1/4F	35	G1-1/4	26	16	130	91.5	72.5	18
ZL-4199-42112FR	42x1-1/2F	42	G1-1/2	34	16	130	109.5	79	9
ZL-4199-5421FR	54x2F	54	G2	35	18	156.5	122	94.5	6
ZL-4199-1512FB	15x1/2F	15	G1/2	22	14	91	61.5	51	54
ZL-4199-2234FB	22x3/4F	22	G3/4	21	14	91	67	54.5	36
ZL-4199-2811FB	28x1F	28	G1	27	15	100	83	62.5	24
ZL-4199-35114FB	35x1-1/4F	35	G1-1/4	26	16	130	91.5	72.5	18
ZL-4199-42112FB	42x1-1/2F	42	G1-1/2	34	16	130	109.5	79	9
ZL-4199-5421FB	54x2F	54	G2	35	18	156.5	122	94.5	6

BASTION
INDUSTRIES

FOR GAS

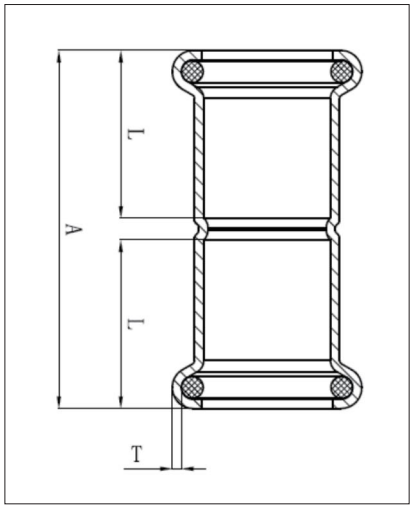
GKM101



Straight Coupling

Connection: Press x press

CODE	SIZE	L	A	T	QTY/CTN
GKM101-S1515	15x15mm	20	43	1.1	180
GKM101-S2222	22x22mm	21	44	1.1	90
GKM101-S2828	28x28mm	23	48	1.1	60
GKM101-S3535	35x35mm	26	55	1.15	25
GKM101-S4242	42x42mm	30	67	1.2	20
GKM101-S5454	54x54mm	35	80	1.2	12



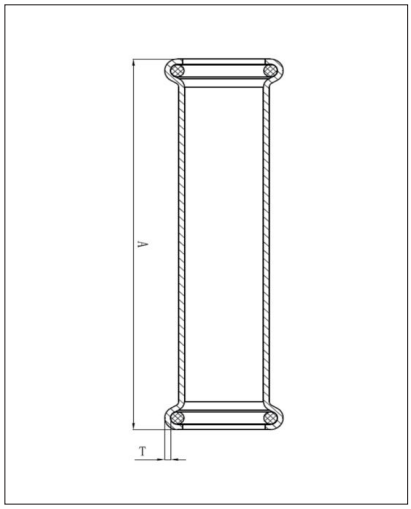
GKML102



Straight Coupling Slip Pattern

Connection: Press x press（without tube stop）

CODE	SIZE	A	T	QTY/CTN
GKML102-S1515	15x15mm	80	1.1	100
GKML102-S2222	22x22mm	80	1.1	50
GKML102-S2828	28x28mm	90	1.1	40
GKML102-S3535	35x35mm	102	1.15	25
GKML102-S4242	42x42mm	120	1.2	12
GKML102-S5454	54x54mm	140	1.2	8



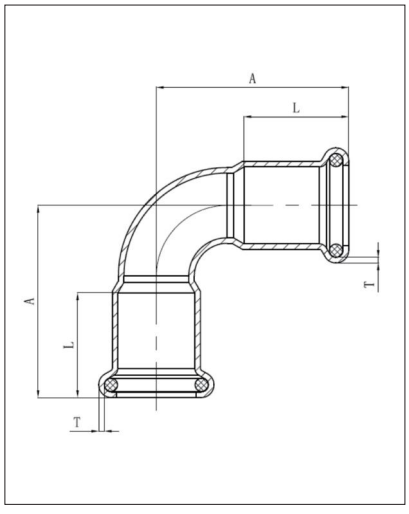
GKM103



90° Elbow Equal 90° Elbow

Connection: Press x press

CODE	SIZE	L	A	T	QTY/CTN
GKM103-L1515	15x15mm	20	38	1.1	140
GKM103-L2222	22x22mm	21	47.5	1.1	60
GKM103-L2828	28x28mm	23	56.5	1.1	30
GKM103-L3535	35x35mm	26	68	1.15	12
GKM103-L4242	42x42mm	30	80.4	1.2	8
GKM103-L5454	54x54mm	35	100	1.2	6



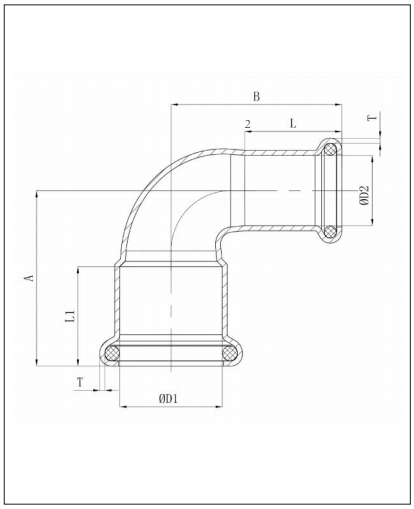
GKM103



90° Elbow Reducer

Connection: Press x press

CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
GKM103-L2215	22x15mm	22	15	21	20	38	37	80
GKM103-L2815	28x15mm	28	15	23	20	43	37	50
GKM103-L2822	28x22mm	28	22	23	21	40	36	50



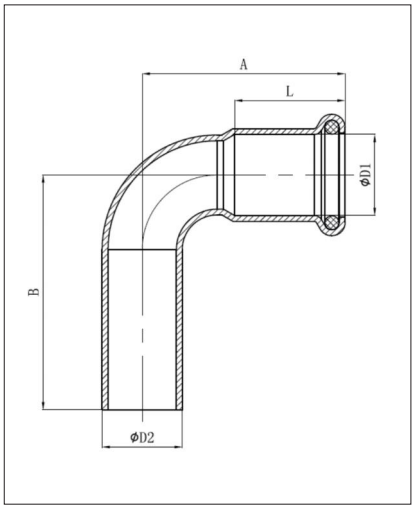
GKM104



90° Street Elbow

Connection: Press x male end for insertion into a Press fitting

CODE	SIZE	D1	D2	L	A	B	QTY/CTN
GKM104-L1515	15x15mm	15	15	20	38	44	150
GKM104-L2222	22x22mm	22	22	21	47.5	58	60
GKM104-L2828	28x28mm	28	28	23	56.5	65	30
GKM104-L3535	35x35mm	35	35	26	68	82	12
GKM104-L4242	42x42mm	42	42	30	80	103	8
GKM104-L5454	54x54mm	54	54	35	100	123	6



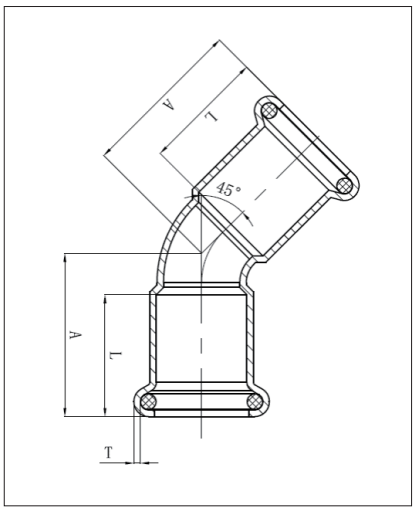
GKM105



45° Elbow

Connection: Press x press

CODE	SIZE	L	A	T	QTY/CTN
GKM105-L1515	15x15mm	20	27.5	1.1	150
GKM105-L2222	22x22mm	21	32	1.1	70
GKM105-L2828	28x28mm	23	37	1.1	40
GKM105-L3535	35x35mm	26	43.5	1.15	20
GKM105-L4242	42x42mm	30	51	1.2	12
GKM105-L5454	54x54mm	35	62	1.2	6

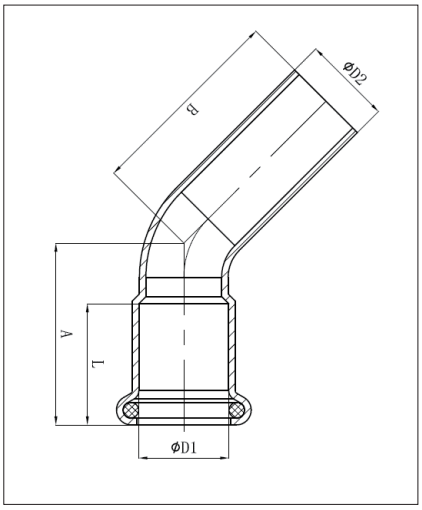


GKM106



45° Street Elbow

Connection: Press x male end for insertion into a Press fitting



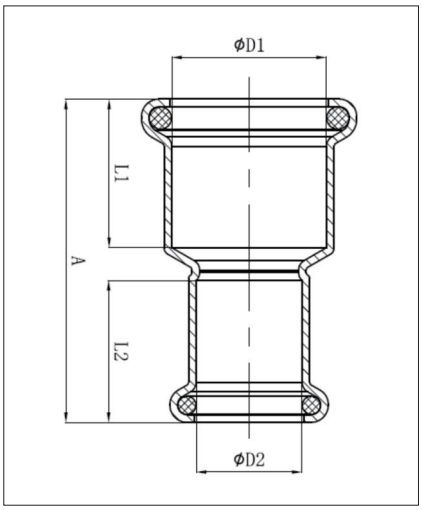
CODE	SIZE	D1	D2	L	A	B	QTY/CTN
GKM106-L1515	15x15mm	15	15	20	27.5	34	150
GKM106-L2222	22x22mm	22	22	21	32	42	80
GKM106-L2828	28x28mm	28	28	23	37	45	40
GKM106-L3535	35x35mm	35	35	26	44	58	20
GKM106-L4242	42x42mm	42	42	30	51	73	12
GKM106-L5454	54x54mm	54	54	35	62	85	6

GKM107



Reducing Coupling

Connection: Press x press



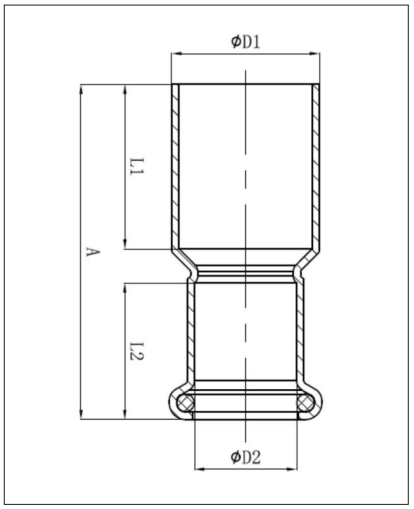
CODE	SIZE	D1	D2	L1	L2	A	QTY/CTN
GKM107-S2215	22x15mm	22	15	21	20	46.5	100
GKM107-S2815	28x15mm	28	15	23	20	53	80
GKM107-S2822	28x22mm	28	22	23	21	50.5	60
GKM107-S3515	35x15mm	35	15	26	20	60.5	50
GKM107-S3522	35x22mm	35	22	26	21	57	40
GKM107-S3528	35x28mm	35	28	26	23	56	40
GKM107-S4222	42x22mm	42	22	30	21	65	32
GKM107-S4228	42x28mm	42	28	30	23	63.5	24
GKM107-S4235	42x35mm	42	35	30	26	63	24
GKM107-S5428	54x28mm	54	28	35	23	75.5	20
GKM107-S5435	54x35mm	54	35	35	26	74.5	14
GKM107-S5442	54x42mm	54	42	35	30	75	12

GKM108



Street Reducer

Connection: Larger x male end for insertion into fitting x Press



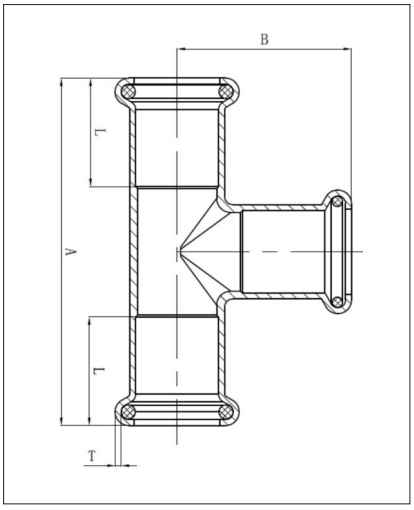
CODE	SIZE	D1	D2	L1	L2	A	QTY/CTN
GKM108-S2215	22x15mm	22	15	24	20	50	120
GKM108-S2815	28x15mm	28	15	27	20	55	100
GKM108-S2822	28x22mm	28	22	27	21	53	60
GKM108-S3522	35x22mm	35	22	30	21	60	40
GKM108-S3528	35x28mm	35	28	30	23	59	40
GKM108-S4222	42x22mm	42	22	34	21	67	32
GKM108-S4228	42x28mm	42	28	34	23	67	24
GKM108-S4235	42x35mm	42	35	34	26	66	24
GKM108-S5422	54x22mm	54	22	39	21	81	20
GKM108-S5428	54x28mm	54	28	39	23	80	20
GKM108-S5435	54x35mm	54	35	39	26	79	14
GKM108-S5442	54x42mm	54	42	39	30	78	12

GKM109



Equal Tee

Connection: Press x press x press



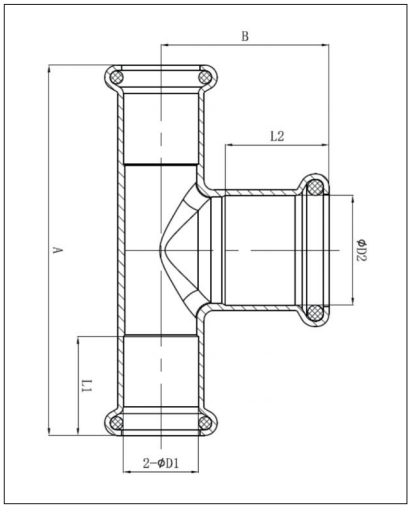
CODE	SIZE	L	A	B	T	QTY/CTN
GKM109-L151515	15x15x15mm	20	64	32	1.1	80
GKM109-L222222	22x22x22mm	21	74	37	1.1	40
GKM109-L282828	28x28x28mm	23	84	42	1.1	25
GKM109-L353535	35x35x35mm	26	100	50	1.1	12
GKM109-L424242	42x42x42mm	30	116	58	1.2	8
GKM109-L545454	54x54x54mm	35	138	69	1.2	4

GKM110



Tee Both End Reduced

Connection: Press x press x press



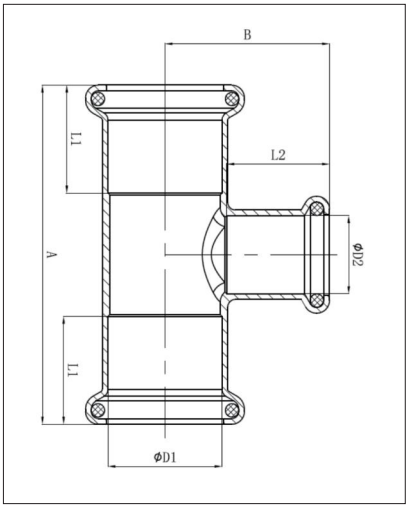
CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
GKM110-T152215	15x22x15mm	15	22	20	21	75	34	60
GKM110-T222822	22x28x22mm	22	28	21	23	78	38	30

GKM110

Tee Reduced Branch

Connection: Press x press x press





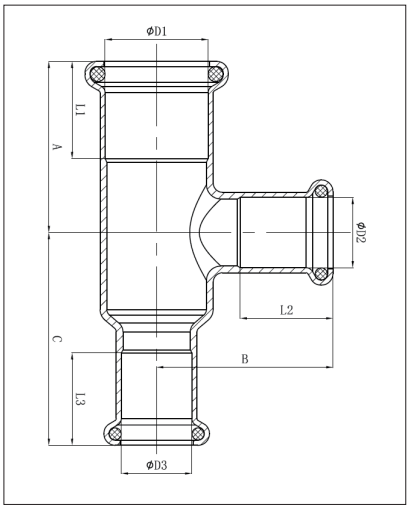
CODE	SIZE	D1	D2	L1	L2	A	B	QTY/CTN
GKM110-T221522	22x15x22mm	22	15.2	21	20	66	31	50
GKM110-T281528	28x15x28mm	28	15.2	23	20	84	40.5	30
GKM110-T282228	28x22x28mm	15	22.2	23	21	84	41	30
GKM110-T351535	35x15x35mm	35	15	26	20	90	44	20
GKM110-T352235	35x22x35mm	35	22	26	21	90	45	15
GKM110-T352835	35x28x35mm	35	28	26	23	100	44	15
GKM110-T421542	42x15x42mm	42	15	30	20	100	48	12
GKM110-T422242	42x22x42mm	42	22	30	21	100	48	12
GKM110-T422842	42x28x42mm	42	28	30	23	112	49	12
GKM110-T423542	42x35x42mm	42	35	30	26	112	50	10
GKM110-T542254	54x22x54mm	54	22	35	21	120	54	6
GKM110-T542854	54x28x54mm	54	28	35	23	120	55	6
GKM110-T543554	54x35x54mm	54	35	35	26	122	55	6
GKM110-T544254	54x42x54mm	54	42	35	30	138	64	6

GKM110

Tee Reduced Branch

Connection: Press x press x press





CODE	SIZE	D1	D2	D3	L1	L2	L3	A	B	C	QTY/CTN
GKM110-T221515	22x15x15	22	15	15	21	20	20	37	38	46	50
GKM110-T222215	22x22x15	22	22	15	21	21	20	37	37	46	40
GKM110-T282222	28x22x22	28	22	22	23	21	21	42	41	42.5	30
GKM110-T282822	28x28x22	28	28	22	23	23	21	42	42	46	20
GKM110-T281522	28x15x22	28	15	22	23	20	21	42	40.5	42	30
GKM110-T282815	28x28x15	28	28	15	23	23	20	42	42	50	25
GKM110-T352222	35x22x22	35	22	22	26	21	21	45	42	47	20
GKM110-T353522	35x35x22	35	35	22	26	26	21	50	50	55	15
GKM110-T353528	35x35x28	35	35	28	26	26	23	50	48.5	55	15
GKM110-T423535	42x35x35	42	35	35	30	26	26	55	54	57	10

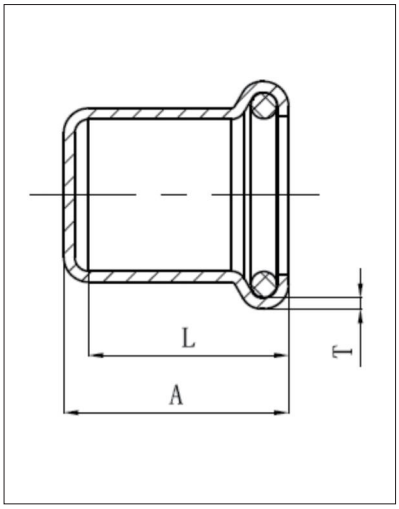
GKM111

Stop End

Connection: Press



CODE	SIZE	A	L	T	QTY/CTN
GKM111-D1515	15mm	22.5	20	1.1	300
GKM111-D2222	22mm	24.5	21	1.1	180
GKM111-D2828	28mm	26.5	23	1.1	120
GKM111-D3535	35mm	29.5	26	1.2	60
GKM111-D4242	42mm	33.5	30	1.2	30
GKM111-D5454	54mm	38.5	35	1.2	20



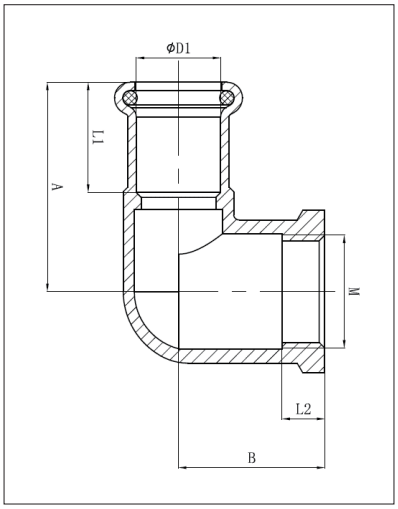
GKM114

Female 90° Elbow

Connection: Press x BSP female thread



CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
GKM114-L1512F	15x1/2F	15	20	15	38	26.5	Rp1/2	100
GKM114-L2234F	22x3/4F	22	21	12.2	42	24	Rp3/4	60
GKM114-L2811F	28x1F	28	21	13.9	48	31	Rp1	35



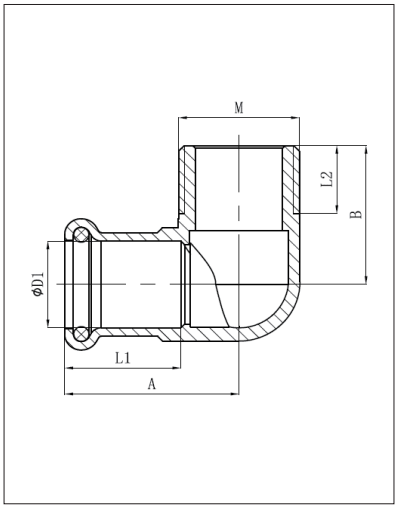
GKM115

Male 90° Elbow

Connection: Press x BSP male thread



CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
GKM115-L1512M	15x1/2	15	20	11.4	30	24.5	R1/2	120
GKM115-L2234M	22x3/4	22	21	13	42	27	R3/4	60
GKM115-L2811M	28x1	28	23	17	42	36	R1	40

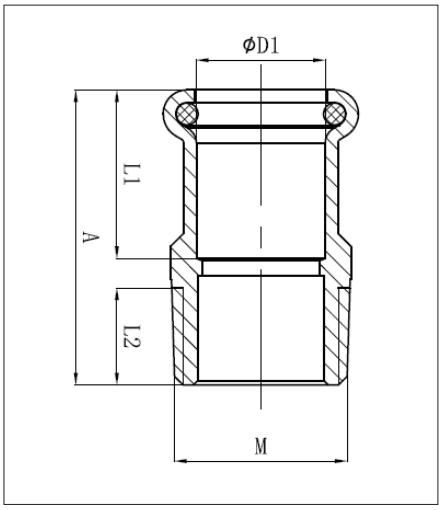


GKM117

Male Couping

Connection: Press x BSP male thread





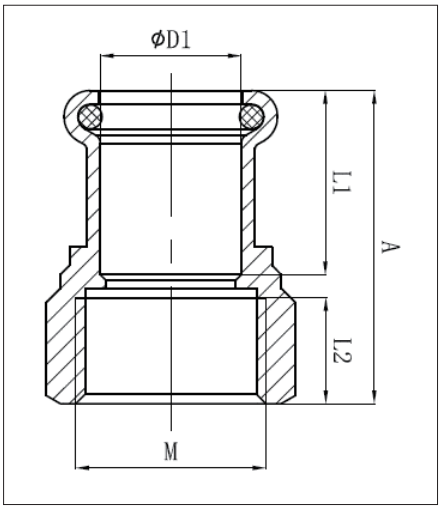
CODE	SIZE	D1	L1	L2	A	M	QTY/CTN
GKM117-S1512M	15x1/2mm	15	20	11.5	35	R1/2	200
GKM117-S1534M	15x3/4mm	15	20	13	41	R3/4	150
GKM117-S2212M	22x1/2mm	22	19	11.5	41.5	R1/2	120
GKM117-S2234M	22x3/4mm	22	21	13	42	R3/4	100
GKM117-S2211M	22x1mm	22	21	14.5	46.5	R1	80
GKM117-S2834M	28x3/4mm	28	23	13	49	R3/4	70
GKM117-S2811M	28x1mm	28	23	14.5	48	R1	70
GKM117-S3511M	35x1mm	35	26	14.5	56.6	R1	40
GKM117-S35114M	35x1-1/4mm	35	26	17	53	R1-1/4	40
GKM117-S42112M	42x1-1/2mm	42	30	19	58	R1-1/2	20
GKM117-S5421M	54x2mm	54	35	23	62.7	R2	16

GKM117

Female Couping

Connection: Press x BSP Female thread





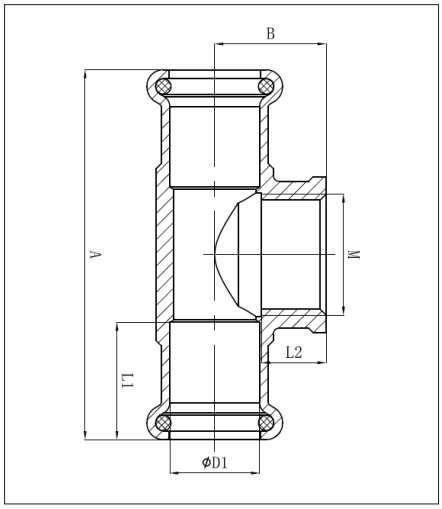
CODE	SIZE	D1	L1	L2	A	M	QTY/CTN
GKM117-S1512F	15x1/2F	15	20	11	34	R1/2	180
GKM117-S1534F	15x3/4F	15	20	12	37	R3/4	120
GKM117-S2212F	22x1/2F	22	19	11	35	R1/2	120
GKM117-S2234F	22x3/4F	22	21	13	42	R3/4	90
GKM117-S2211F	22x1F	22	21	16	43	R1	70
GKM117-S2834F	28x3/4F	28	23	13	41	R3/4	80
GKM117-S2811F	28x1F	28	23	16	46	R1	60
GKM117-S3511F	35x1F	35	26	14	44	R1	35
GKM117-S35114F	35x1-1/4F	35	26	17	49	R1-1/4	35
GKM117-S42112F	42x1-1/2F	42	30	18.5	53.2	R1-1/2	20
GKM117-S5421F	54x2F	54	35	25.7	66	R2	16

GKM118

Female Branch Tee

Connection: Press x BSP female branch





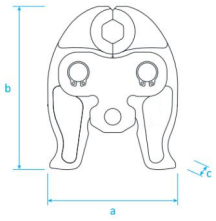
CODE	SIZE	D1	L1	L2	A	B	M	QTY/CTN
GKM118-T1512F15	15x1/2Fx15	15	20	11	63	19	Rp1/2	80
GKM118-T2212F22	22x1/2Fx22	22	21	11	70	22	Rp1/2	50
GKM118-T2234F22	22x3/4Fx22	22	21	15	78	27	Rp3/4	40
GKM118-T2812F28	28x1/2Fx28	28	23	13	76	28	Rp1/2	35
GKM118-T2834F28	28x3/4Fx28	28	23	12.2	82	26	Rp3/4	30
GKM118-T3512F35	35x1/2Fx35	35	26	13	90	32	Rp1/2	20
GKM118-T4212F42	42x1/2Fx42	42	30	13	102	36	Rp1/2	15
GKM118-T5412F54	54x1/2Fx54	54	35	13	112	42	Rp1/2	10

Tools and Jaws



Electric Press Fitting Tool	
CODE	ZLX-4064-A
DIMENSIONS	100 x 83 x 357 (mm)
WEIGHT	1.9 kg
CARRY CASE	495 x 128 x 400 (mm)





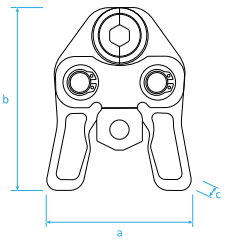
Jaws For ZLX–4064

CODE	SIZE	a (mm)	b (mm)	c (mm)
ZLX-4064-A-M15	M15	97	122	14
ZLX-4064-A-M22	M22	98	131	14
ZLX-4064-A-M28	M28	98	139	14.5



Electric Press Fitting Tool	
CODE	ZLX-4065
DIMENSIONS	100 x 85 x 410 (mm)
WEIGHT	2.55 kg
CARRY CASE	535 x 190 x 445 (mm)



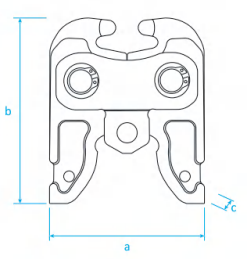


Jaws For ZLX–4065

CODE	SIZE	a (mm)	b (mm)	c (mm)
ZLX-4065-A-M15	M15	118	146	19
ZLX-4065-A-M22	M22	118	146	19
ZLX-4065-A-M28	M28	118	146	19
ZLX-4065-A-M35	M35	122	170	18
ZLX-4065-A-M42	M42	141	178	17.5
ZLX-4065-A-M54	M54	175	190	18

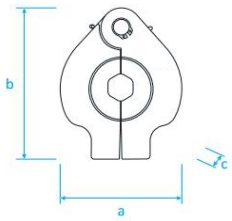
Angled Jaws





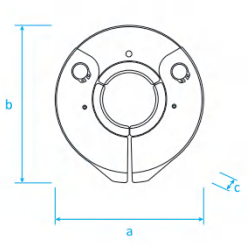
CODE	a (mm)	b (mm)	c (mm)
ZLX-4065-B	121	145	20





CODE	SIZE	a (mm)	b (mm)	c (mm)
ZLX-4065-B-M15	M15	77.5	97	26
ZLX-4065-B-M22	M22	77.5	97	26
ZLX-4065-B-M28	M28	77.5	97	26





CODE	SIZE	a (mm)	b (mm)	c (mm)
ZLX-4065-B-M35	M35	104	111	30
ZLX-4065-B-M42	M42	115	121	30
ZLX-4065-B-M54	M54	129	133	20



Manual Hydraulic Press Fitting Tool	
CODE	ZLS-1231-A
SIZE	M15,M22,M28