

KEMBLA

PLUMBING

COPPER FITTINGS to
EUROPEAN STANDARD

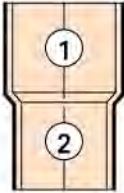
BS EN 1254



End Feed Capillary

Bushings - Male/Female

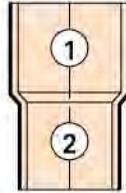
Model: ENN



Nominal Size (mm)
22 x 15
28 x 15
28 x 22
* 35 x 15
35 x 22
35 x 28
42 x 22
42 x 28
42 x 35
54 x 22
54 x 28
54 x 35
54 x 42
* 67 x 22
67 x 28
67 x 35
67 x 42
67 x 54
* 76 x 22
* 76 x 28
* 76 x 35
76 x 42
76 x 54
76 x 67
* 108 x 42
108 x 54
108 x 67
108 x 76
* 159 x 54
* 159 x 67
159 x 76
159 x 108

Reducers - Female/Female

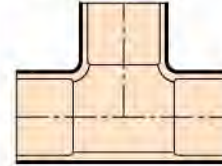
Model: ERR



Nominal Size (mm)
22 x 15
28 x 15
28 x 22
* 35 x 15
35 x 22
35 x 28
42 x 22
42 x 28
42 x 35
54 x 22
54 x 28
54 x 35
54 x 42
* 67 x 22
67 x 28
67 x 35
67 x 42
67 x 54
* 76 x 22
* 76 x 28
* 76 x 35
76 x 42
76 x 54
76 x 67
* 108 x 42
108 x 54
108 x 67
108 x 76
* 159 x 54
* 159 x 67
159 x 76
159 x 108

Tees - Equal Female/Female/Female

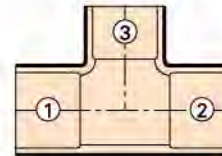
Model: ETE



Nominal Size (mm)
15
22
28
35
42
54
67
76
108
159

Tees - Reducing Female/Female/Female

Model: ETR



Nominal Size (mm)
22x22x15
28x28x15
28x28x22
35x35x15
35x35x22
35x35x28
42x42x15
42x42x22
42x42x28
42x42x35
54x54x15
54x54x22
54x54x28
54x54x35
54x54x42
* 67x67x15
67x67x22
67x67x28
67x67x35
67x67x42
67x67x54
* 76x76x15
76x76x22
76x76x28
76x76x35
76x76x42
76x76x54
76x76x67
*108x108x22
108x108x28
108x108x35
108x108x42
108x108x54
108x108x67
108x108x76
159x159x54
159x159x67
159x159x76
159x159x108

Connectors - Female/Female

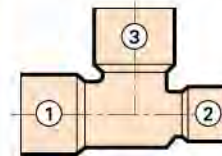
Model: ECC



Nominal Size (mm)
15
22
28
35
42
54
67
76
108
159

Tee - In Line Reduction

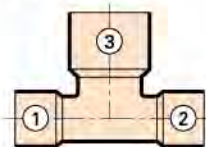
Model: ETR



Nominal Size (mm)
1 2 3
22 x 15 x 22
28 x 22 x 28

Tee - Reducing Female/Female/Female

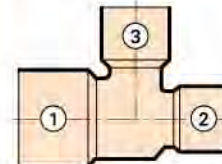
Model: ETR



Nominal Size (mm)
1 2 3
22 x 22 x 28

Tee - In Line & Branch Reduction

Model: ETR

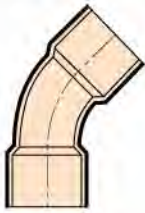


Nominal Size (mm)
1 2 3
22 x 15 x 15
28 x 22 x 22

End Feed Capillary

45° Elbows - Short Radius Female/Female

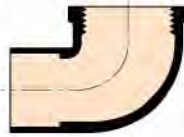
Model: EEFS



Nominal Size (mm)
15
22
28
35
42
54
67
76
108
159

Female 90° Elbow

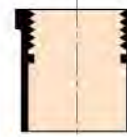
Model: FEN



Nominal Size (mm)
15 x 1/2"
22 x 1/2"
22 x 3/4"
28 x 1"

Reducing Coupler

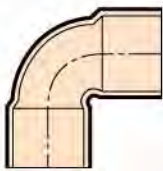
Model: BTR



Nominal Size (mm)
22 x 1/2"

90° Elbows - Short Radius Female/Female

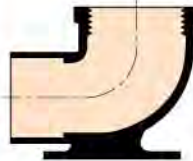
Model: EENS



Nominal Size (mm)
15
22
28
35
42
54
67
76
108
159

Wallplate 90° Elbow

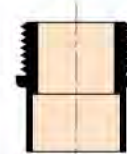
Model: REN



Nominal Size (mm)
* 15 x 1/2"
* 22 x 3/4"

Male Coupling

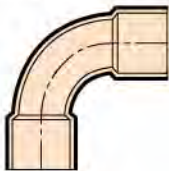
Model: MCC



Nominal Size (mm)
15 x 1/2"
22 x 3/4"
28 x 1"
35 x 1 1/4"
42 x 1 1/2"
54 x 2"
67 x 2 1/2"
76 x 3"
108 x 4"

90° Elbows - Long Radius Female/Female

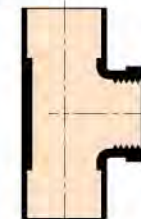
Model: EEN



Nominal Size (mm)
* 15
* 22
* 28
* 35
* 42
* 54
* 67
* 76
* 108
* 159

Female Tee

Model: FTE



Nominal Size (mm)
22 x 1/2"
35 x 3/4"
35 x 1"
42 x 3/4"
42 x 1"
54 x 3/4"
54 x 1"

Hex Nipple

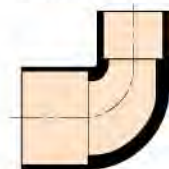
Model: MMC



Nominal Size (mm)
* 1/2 x 3/8"
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"
* 3"

90° Elbow - Reduction

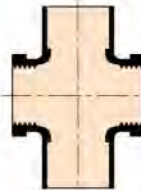
Model: REN



Nominal Size (mm)
22 x 15

Female Cross Tee

Model: FCE



Nominal Size (mm)
*35 x 3/4"
*35 x 1"
42 x 3/4"
*42 x 1"
54 x 3/4"
54 x 1"

Bushing

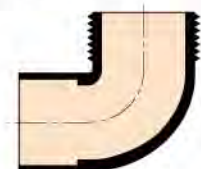
Model: FMR



Nominal Size (mm)
1/2" x 1/4"
1/2" x 3/8"
3/4" x 1/2"
1" x 1/2"
1" x 3/4"
1 1/4" x 1/2"
1 1/4" x 3/4"
1 1/4" x 1"
1 1/2" x 1/2"
1 1/2" x 1"
1 1/2" x 1 1/4"
2" x 1/2"
2" x 1"
2" x 1 1/4"
2" x 1 1/2"
3" x 2"

Male 90° Elbow

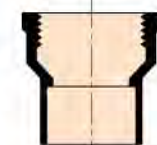
Model: MEN



Nominal Size (mm)
15 x 1/2"

Female Coupling

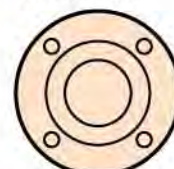
Model: FCC



Nominal Size (mm)
15 x 1/2"
22 x 3/4"
28 x 1"
35 x 1 1/4"
42 x 1 1/2"
54 x 2"
67 x 2 1/2"
* 76 x 3"
* 108 x 4"

Bronze Ring with Epoxy Coated Steel Flange to BS4504 (PN16) **

Model: BGF



Nominal Size (mm)
35
42
54
67
76
108
159

Solder Ring

Straight Coupling
Model: SCC



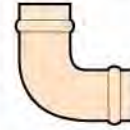
Nominal Size (mm)
15
22
28
35
42
54

Equal Tee
Model: STR



Nominal Size (mm)
15
22
28
35
42
54

90° Elbow
Model: SEN



Nominal Size (mm)
15
22
28
35
42
54

Female Connector
Model: SFCC



Nominal Size (mm)
15 x 1/2"
22 x 1/2"
22 x 3/4"
28 x 1"
35 x 1 1/4"
*42 x 1 1/2"
54 x 2"

Reducing Tee
Model: STR



Nominal Size (mm)
22 x 15
28 x 15
28 x 22
* 35 x 15
35 x 22
35 x 28
42 x 15
42 x 22
42 x 28
42 x 35
54 x 22
54 x 28
54 x 35
54 x 42

45° Elbow
Model: SEF



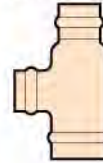
Nominal Size (mm)
15
22
28
35
42
54

Male Connector
Model: SMCC



Nominal Size (mm)
15 x 1/2"
22 x 3/4"
28 x 1"
35 x 1 1/4"
42 x 1 1/2"
54 x 2"

Reducing Tee
Model: STR



Nominal Size (mm)
22 x 15 x 15
22 x 15 x 22
28 x 22 x 22
28 x 22 x 28

Female 90° Elbow
Model: SEFN



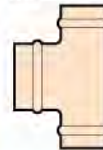
Nominal Size (mm)
15 x 1/2"
22 x 1/2"
22 x 3/4"
28 x 1"

Reducing Coupling
Model: SRR



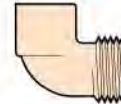
Nominal Size (mm)
22 x 15
28 x 15
28 x 22
35 x 22
35 x 28
42 x 22
42 x 28
42 x 35
54 x 22
54 x 28
54 x 35
54 x 42

Reducing Tee
Model: STR



Nominal Size (mm)
15 x 15 x 22
22 x 22 x 28

Male 90° Elbow
Model: SMEN



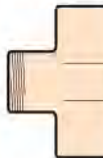
Nominal Size (mm)
15 x 1/2"

Bush
Model: SNN



Nominal Size (mm)
22 x 15
28 x 15
28 x 22
35 x 22
35 x 28
42 x 22
42 x 28
42 x 35
54 x 22
54 x 28
54 x 35
54 x 42

Female Tee
Model: SFTE



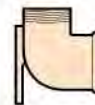
Nominal Size (mm)
15 x 1/2"
22 x 1/2"
35 x 3/4"
35 x 1"
42 x 3/4"
42 x 1"
54 x 3/4"
54 x 1"

Reducing 90° Elbow
Model: SREN



Nominal Size (mm)
22 x 15"

Wallplate 90° Elbow
Model: WEN



Nominal Size (mm)
* 15 x 1/2"
* 22 x 3/4"

Female Cross Tee
Model: SFCE



Nominal Size (mm)
35 x 3/4"
35 x 1"
42 x 3/4"
42 x 1"
54 x 3/4"
54 x 1"

Tube Cup
Model: SKK



Nominal Size (mm)
15
22



MM Kembla was established in 1916 at Port Kembla, NSW, Australia, and it was from this locality that the famous **KEMBLA**[®] brand name originated. MM Kembla is Australasia's largest and most highly regarded manufacturer of copper products, including rod, wire, tube, fittings and accessories.

Included in the **KEMBLA**[®] range are Plumbing end feed capillary and integral solder ring copper fittings manufactured in accordance with:

- BS EN 1254-1: fittings with ends for capillary soldering or capillary brazing to copper tubes
- BS EN 1254-4: fittings combining other end connections with capillary or compression ends
- BS EN 1254-5: fittings with short ends for capillary brazing to copper tubes

Fittings in this range are manufactured from copper or bronze (gunmetal).

KEMBLA[®] fittings are marketed under the famous **KEMBLA**[®] and K Tick brand marks. A full range of fittings is available to suit **KEMBLA**[®] BS EN 1057 tube from 15mm to 159mm.



MM Kembla has been accredited by SAI Global Limited, of Australia, as a Quality Endorsed Company, to ISO 9001, Lic 0002/01, and as such has a quality management system in place that ensures all manufactured product complies with the relevant specification.



Working Temperature and Pressure

Maximum operation pressure for corresponding service temperature refers to BS EN 1254-1

Female and Male End Dimensions



Nominal Size (mm)	Female End		Male End		Length (A)	Wall Thickness (x)
	Internal Diameter (D)		External Diameter (O)			
	Max	Min	Max	Min	Min	Min
15	15.15	15.06	15.04	14.95	10.6	0.7
22	22.18	22.07	22.05	21.94	15.4	0.9
28	28.18	28.07	28.05	27.94	18.4	0.9
35	35.23	35.09	35.06	34.93	23.0	1.0
42	42.23	42.09	42.06	41.93	27.0	1.1
54	54.23	54.09	54.06	53.93	32.0	1.2
67	67.03	66.80	67.77	66.62	33.5	1.4
76	76.43	76.20	76.17	76.02	33.5	1.6
108	108.33	108.10	108.07	107.92	47.5	2.1
*159	159.70	159.23	159.20	158.80	21.0	2.6

Remark: *Size 159 according to BS EN 1254-5



Gloucester Boulevard
 PO Box 21
 Port Kembla, NSW, 2505
 Phone: +612 2 4223 5200
 Fax: +612 4223 5111
www.kembla.com.au

Global Distributor:

K KEMBLA (HK) LIMITED
 金特霸(香港)有限公司
 Member of Metal Manufactures Group

5/F, Henan Building
 90 Jaffe Road
 Wanchai, Hong Kong.
 Tel : +852 2528 0999
 Fax: +852 2528 3113
 Email: info@kembla.com.hk
www.kembla.com.hk