## Delcop End Feed Range



Conex | Bänninger
Delcop End Feed

Delcop End Feed capillary fittings are available in sizes 6-54mm and are suitable for connecting copper tubes in accordance with EN 1057.

Delcop End Feed fittings are designed for solder and brazing applications but, with the exception of Union fittings with copper tails, which can only be soft soldered. For sizes above 54mm please refer to the section on Delbraze.

Most fittings in the range are manufactured from copper or red brass thereby being immune to dezincification.

Hydraulic working temperatures and pressures based on EN 1254-1 are shown below:

| Applications & Technical Information | |
|---|---|
| Drinking water | Y |
| Sanitary water | Y |
| Heating and chilled water systems | Y |
| Compressed air | Y |
| Gas | Y |
| Available Sizes | 6-54mm |
| Operating Parameters solder 6-54mm | **Water**<br>**Using Tin Silver 95/5%**<br>25 bar, 0°C to 30°C<br>25 bar @ 65°C<br>19 bar @ 95°C<br>16 bar @ 110°C<br>**Using Tin Lead 50/50% or 60/40%**<br>16 bar, 0°C to 30°C<br>10 bar @ 65°C<br>7 bar @ 95°C<br>6 bar @ 110°C |
| Operating Parameters brazed 15mm | **Water**<br>35.1 bar, -20°C to 110°C<br>29.8 bar @ 150°C<br>15.8 bar @ 200°C |
| Material | Copper and Red Brass |

For more detailes please contact our technical team.



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## END FEED ASSEMBLY INSTRUCTIONS:

### Tools required:

Tube cutter, deburring tool, blow lamp, abrasive cloth, wire brush, lead free solder, flux.

### Assembly

- Ensure the copper tube and fitting sizes are compatible. Cut the tube end square, and ensure it retains its shape.
- Deburr the tube, both inside and outside.
- Clean tube with an abrasive cloth, and fitting socket with a wire brush.
- Apply a thin layer of flux to the tube, and to the fitting socket.
- Insert the tube into the fitting until the tube stop is reached. Rotate the tube or fitting and remove any excess flux where possible.
- Light the blow lamp, and heat the fitting socket until the flux starts to boil. Keep the flame moving over the fitting and tube, do not provide excessive heat.
- Apply lead free solder to the tube-fitting interface until it fills the void.
- As a rule of thumb, a length of solder equivalent to the tube diameter will be adequate for a satisfactory joint.
- Remove the blow lamp, allow to cool and wipe the joint(s) with a damp cloth.
- Flush all residues out of the system.



### Demounting

- This fitting system is not demountable.



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## DC607LT — Slow Elbow

Copper x Copper



| ITEM | SIZE | PACK | |
|---|---|---|---|
| 5002A010000000 | 10mm | 10 | |
| 5002A012000000 | 12mm | 10 | |
| 5002A015000000 | 15mm | 25 | |
| 5002A022000000 | 22mm | 10 | |
| 5002A028000000 | 28mm | 10 | |
| 5002A035000000 | 35mm | 1 | |
| 5002A042000000 | 42mm | 1 | |
| 5002A054000000 | 54mm | 1 | |

## DC6072 — Street Elbow

Male Copper x Copper



| ITEM | SIZE | PACK | |
|---|---|---|---|
| 5092 010000000 | 10mm | 10 | |
| 5092 012000000 | 12mm | 10 | |
| 5092 015000000 | 15mm | 25 | |
| 5092 022000000 | 22mm | 10 | |
| 5092 022000005 | 22mm | 25 | A |
| 5092 028000000 | 28mm | 10 | |
| 5092 035000000 | 35mm | 1 | |
| 5092 042000000 | 42mm | 1 | |
| 5092 054000000 | 54mm | 1 | |

*A range means fast moving products.



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## DC6072LT — Street Bend

Male Copper x Copper



| ITEM | SIZE | PACK |
|---|---|---|
| 5001A015000000 | 15mm | 25 |
| 5001A022000000 | 22mm | 10 |
| 5001A028000000 | 28mm | 10 |

## DC607TC — Bent Tap Connector

Connector x Swivel Female Thread



| ITEM | SIZE | PACK |
|---|---|---|
| 5002G015004000 | 15 x 1/2" | 10 |
| 5002G015006000 | 15 x 3/4" | 10 |
| 5002G022006000 | 22 x 3/4" | 10 |

Supplied with washer.

## DC6076AB — Female Bent Union Spigot

Copper x Swivel Female Thread



| ITEM | SIZE | PACK |
|---|---|---|
| 4096A022008000 | 22 x 1" | 10 |

*A range means fast moving products.