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** **Using Tin Silver 95/5%** 25 bar, 0°C to 30°C 25 bar @ 65°C 19 bar @ 95°C 16 bar @ 110°C **Using Tin Lead 50/50% or 60/40%** 16 bar, 0°C to 30°C 10 bar @ 65°C 7 bar @ 95°C 6 bar @ 110°C
Operating Parameters brazed 15mm	**Water** 35.1 bar, -20°C to 110°C 29.8 bar @ 150°C 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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DC601TC — Straight Tap Connector

Copper x Swivel Female Thread



ITEM	SIZE	PACK	
5240G015004000	15 x 1/2"	10	A
5240G015006000	15 x 3/4"	10	
5240G022006000	22 x 3/4"	10	

Supplied with sealing washer

DC606 — 45° Elbow

Copper x Copper



ITEM	SIZE	PACK
5041 015000000	15mm	25
5041 022000000	22mm	10
5041 028000000	28mm	10
5041 035000000	35mm	1
5041 042000000	42mm	1
5041 054000000	54mm	1

DC6062 — 45° Street Elbow

Male Copper x Copper



ITEM	SIZE	PACK
5040 015000000	15mm	25
5040 022000000	22mm	10
5040 028000000	28mm	10
5040 035000000	35mm	1
5040 042000000	42mm	1
5040 054000000	54mm	1

*A range means fast moving products.

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DC607 — 90° Elbow

Copper x Copper



ITEM	SIZE	PACK	
5090 006000000	6mm	10	
5090 008000000	8mm	10	
5090 010000000	10mm	10	
5090 012000000	12mm	10	
5090 015000000	15mm	25	A
5090 022000000	22mm	10	
5090 0220000005	22mm	25	A
5090 028000000	28mm	10	
5090 035000000	35mm	1	
5090 042000000	42mm	1	
5090 054000000	54mm	1	

DC607R — Reduced Elbow

Copper x Copper



ITEM	SIZE	PACK
5090 022015000	22 x 15mm	10
5090 028022000	28 x 22mm	10

*A range means fast moving products.