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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DC6076UA — Bent Union Cone

Copper x Swivel Female Thread



ITEM	SIZE	PACK
4096C022008000	22 x 1"	10

DC611 — Tee Equal

Copper All Ends



ITEM	SIZE	PACK	
5130 006006006	6mm	10	
5130 008008008	8mm	10	
5130 010010010	10mm	10	
5130 012012012	12mm	10	
5130 015015015	15mm	25	A
5130 0220220225	22mm	25	A
5130 028028028	28mm	10	
5130 035035035	35mm	1	
5130 042042042	42mm	1	
5130 054054054	54mm	1	

*A range means fast moving products.

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DC611RB — Tee - Reduced Branch

Copper All Ends



ITEM	SIZE	PACK	
5130 015010015	15 x 15 x 10mm	10	
5130 015012015	15 x 15 x 12mm	10	
5130 022010022	22 x 22 x 10mm	10	
5130 022012022	22 x 22 x 12mm	10	
5130 0220150225	22 x 22 x 15mm	25	A
5130 028015028	28 x 28 x 15mm	10	
5130 028022028	28 x 28 x 22mm	10	
5130 035015035	35 x 35 x 15mm	1	
5130 035022035	35 x 35 x 22mm	1	
5130 035028035	35 x 35 x 28mm	1	
5130 042015042	42 x 42 x 15mm	1	
5130 042022042	42 x 42 x 22mm	1	
5130 042028042	42 x 42 x 28mm	1	
5130 042035042	42 x 42 x 35mm	1	
5130 054015054	54 x 54 x 15mm	1	
5130 054022054	54 x 54 x 22mm	1	
5130 054028054	54 x 54 x 28mm	1	
5130 054035054	54 x 54 x 35mm	1	
5130 054042054	54 x 54 x 42mm	1	

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