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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Delcop End Feed

DC611RE

Tee - Reduced End

Copper All Ends



ITEM	SIZE	PACK	
5130 022022015	22 x 15 x 22mm	10	A
5130 028028015	28 x 15 x 28mm	10	
5130 028028022	28 x 22 x 28mm	10	
5130 035035028	35 x 28 x 35mm	1	
5130 042042028	42 x 28x 42mm	1	

DC611REB

Tee - Reduced End & Branch

Copper All Ends



ITEM	SIZE	PACK
5130 015010010	15 x 10 x 10mm	10
5130 022015015	22 x 15 x 15mm	10
5130 028015015	28 x 15 x 15mm	10
5130 028015022	28 x 22 x 15mm	10
5130 028022015	28 x 15 x 22mm	10
5130 028022022	28 x 22 x 22mm	10
5130 035022022	35 x 22 x 22mm	1
5130 035022028	35 x 28 x 22mm	1
5130 035028028	35 x 28 x 28mm	1
5130 042035035	42 x 35 x 35mm	1

*A range means fast moving products.

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Delcop End Feed

DC611REE

Tee - Reduced Both End

Copper All Ends



ITEM	SIZE	PACK
5130 015022015	15 x 15 x 22mm	10
5130 022028022	22 x 22 x 28mm	10
5130 028035028	28 x 28 x 35mm	1

DC617

End Cap

Copper



ITEM	SIZE	PACK
5301 008000000	8mm	25
5301 010000000	10mm	10
5301 012000000	12mm	10
5301 015000000	15mm	10
5301 018000000	18mm	10
5301 022000000	22mm	10
5301 028000000	28mm	10
5301 035000000	35mm	1
5301 042000000	42mm	1
5301 054000000	54mm	1

*A range means fast moving products.