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.

SALES: +44 (0)121 557 2831 FAX: +44 (0)121 520 8778 WEB: www.conexbanninger.com EMAIL: sales@ibpgroup.com

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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DC690MU — Gas Meter Union to BS746

Copper x Swivel Female Thread



ITEM	SIZE	PACK
5240Y022008000	22 x 1"	10
5240Y028008000	28 x 1"	10

DC695MU — Bent Gas Meter Union to BS746

Copper x Swivel Female Thread



ITEM	SIZE	PACK
DC695MU223/4	22 x 3/4"	10

DC703 — Female Straight Connector

Copper x Female Thread (Parallel)



ITEM	SIZE	PACK
4270G015004000	15 x 1/2"	10
4270G015006000	15 x 3/4"	10
4270G022006000	22 x 3/4"	10
4270G022008000	22 x 1"	10
4270G028006000	28 x 3/4"	10
4270G028008000	28 x 1"	10
4270G035010000	35 x 1.1/4"	1
4270G042012000	42 x 1.1/2"	1
4270G054016000	54 x 2"	1

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DC7032 — Female Straight Connector Turned

Male Copper x Female Thread (Parallel)



ITEM	SIZE	PACK
4246G022006000	22 x 3/4"	10

DC704 — Male Straight Connector

Copper x Male Thread (Taper)



ITEM	SIZE	PACK
4243G015002000	15 x 1/4"	10
4243G015003000	15 x 3/8"	10
4243G015004000	15 x 1/2"	10
4243G015006000	15 x 3/4"	10
4243G022006000	22 x 3/4"	10
4243G022008000	22 x 1"	10
4243G028006000	28 x 3/4"	10
4243G028008000	28 x 1"	10
4243G035010000	35 x 1.1/4"	10
4243G042012000	42 x 1.1/2"	1
4243G054016000	54 x 2"	1