

General description

The **Circular Flange System (BCT)** is providing a higher stability to the circular ducting networks, thanks to rigid connections of the ducts.

This system reduces installation and assembly costs.

The BCT is composed by a central closure ring and 2 circular flanges.

It is tested in accordance with HVAC air leakage test procedures for Ductwork Jointings Systems DW/TM1 witnessed by BSRIA. All dimensions between 200-2000 mm are suitable for pressure classes A, B and C.



- Central connection ring is provided with a sealing gasket
- The closing by screw system allows a high resistance and air tightness
- Material : galvanized steel DX51 + Z275

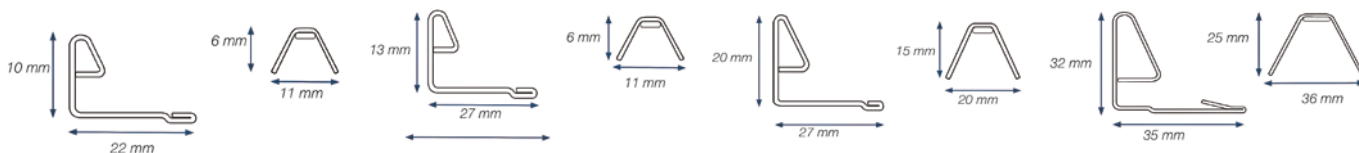
Technical specification

Dia. (mm)	100	112	125	140	150	160	180	200	224	250	280
Weight (kg)	0,27	0,29	0,32	0,35	0,37	0,39	0,4	0,45	0,51	0,57	0,62
Thickness	Flange Ring (0,8 mm) + Closure Ring (0,8 mm)										

Dia. (mm)	300	315	350	355	400	450
Weight (kg)	0,89	0,92	1,01	1,03	1,15	1,28
Thickness	Flange Ring (0,8 mm) + Closure Ring (0,8 mm)					

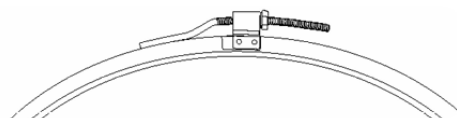
Dia. (mm)	500	560	600	630	650	700	710	750	800	850	900	950
Weight (kg)	2,52	2,75	2,97	3,11	3,20	3,42	2,80	3,65	3,10	4,10	3,60	4,66
Thickness	Flange Ring (1,0 mm) + Closure Ring (1,0 mm)											

Dia. (mm)	1000	1100	1120	1200	1250	1300	1400	1500	1600	1700	1800	1900	2000
Weight (kg)	10,27	11,22	11,41	12,18	12,65	13,13	14,08	15,03	15,99	16,94	17,89	18,85	24,56
Thickness	Flange Ring (1,2 mm) + Closure Ring (1,2 mm)												



Application

All connections between straight seamed or spirally round circular ductwork sections shall be made using the appropriately sized Circular Jointing System. Each flange shall be complete with integral permanently non setting mastic, injected into the profiles at the time of manufacture. The system will be installed using the appropriate Closure ring in accordance with the manufacturer's instructions.



- The closing is made easily by using a metric key 10, 13, 15 (according to diameters)
- The closing by screw system allows a high resistance and air tightness