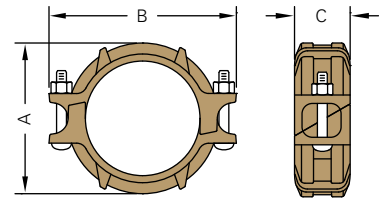


Model

C305 Rigid Coupling for Copper Tubing (CTS)

The Model C305 features angle bolt pad design for a rigid joint and easy swing-over installation. The C305 couplings are comprised of epoxy coated ductile iron

housings and EPDM GapSeal gaskets and are rated up to 300 psi (20 Bar), depending on the type and size of copper tubing used.



TYPE K, L, M (ASTM B-88) & TYPE DWV (ASTM B306)

Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Max. End Load (CWP)	Pipe End Separation	Dimensions			Bolt Size	Weight
					A	B	C		
in	in	PSI	in	in	in	in	in	in	Lbs
mm	mm	Bar	mm	mm	mm	mm	mm		Kgs
2	2.125	300	1060	0.06	3.17	4.63	1.89	$\frac{3}{8} \times 2\frac{1}{2}$	1.8
50	54.0	20	4.58	1.5	81	118	48	$\frac{3}{8} \times 2\frac{1}{2}$	0.8
2½	2.625	300	1620	0.06	3.66	5.28	1.89	$\frac{3}{8} \times 2\frac{1}{2}$	2.0
65	66.7	20	6.98	1.5	93	134	48	$\frac{3}{8} \times 2\frac{1}{2}$	0.9
3	3.125	300	2290	0.06	4.21	6.06	1.89	$\frac{1}{2} \times 3$	2.8
80	79.4	20	9.90	1.5	107	154	48	$\frac{1}{2} \times 3$	1.3
4	4.125	300	4000	0.06	5.20	7.28	1.89	$\frac{1}{2} \times 3$	3.5
100	104.8	20	17.24	1.5	132	185	48	$\frac{1}{2} \times 3$	1.6
5	5.125	300	6180	0.06	6.26	8.66	1.89	$\frac{3}{8} \times 3\frac{1}{2}$	4.6
125	130.2	20	26.61	1.5	159	220	48	$\frac{3}{8} \times 3\frac{1}{2}$	2.2
6	6.125	300	8830	0.06	7.24	9.76	1.89	$\frac{3}{8} \times 3\frac{1}{2}$	5.5
150	155.6	20	38.01	1.5	184	248	48	$\frac{3}{8} \times 3\frac{1}{2}$	2.5

* Working pressure is for connection with roll-grooved Type K copper tubing.

Notes / Options: Couplings with rubber gaskets are likely to function as an insulator. Where electrical continuity is required, the Shurjoint Model 96 Continuity Clip will restore electrical continuity to the system. The continuity clip satisfies IEE Wiring Regulations.

BS EN 1057

Nominal Size	Pipe O.D.	Pipe End Separation	Dimensions			Bolt Size	Weight
			A	B	C		
mm	mm	mm	mm	mm	mm	mm	Kgs
50	54.0	1.5	81	118	48	M10 x 55	0.8
65	66.7	1.5	93	134	48	M10 x 55	0.9
80	76.1	1.5	104	136	48	M10 x 55	1.3
100	108.0	3.2	138	176	48	M12 x 75	1.6
125	133.0	3.2	165	220	48	M16 x 90	2.2
150	159.0	3.2	190	248	48	M16 x 90	2.5