

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.



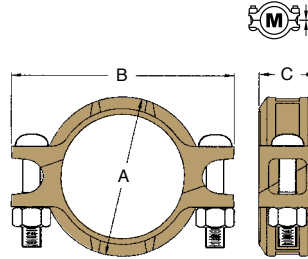
Pressure-Temperature Rating

Nom. Rating	Working Pressure	Max. Service Temperature
Class 150	300 psi @100°F 20 Bar @38°C	EPDM: 230°F / 110°C

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

*Proof test pressure: 1.5 times the working pressure.

*Burst pressure: 3 times the listed working pressure, min.



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

Nominal Size mm / in	Pipe OD mm / in	Pipe End Separation mm / in	Dimensions			Bolt / Nut Size in	Weight Kgs / Lbs
			A mm / in	B mm / in	C mm / in		
50	54.0	1.5	81	118	48	3/8 x 2 1/8	0.8
2	2.125	0.06	3.17	4.63	1.89		1.8
65	66.7	1.5	93	134	48	3/8 x 2 1/8	0.9
2 1/2	2.625	0.06	3.66	5.28	1.89		2.0
80	79.4	1.5	107	154	48	1/2 x 3	1.3
3	3.125	0.06	4.21	6.06	1.89		2.8
100	104.8	1.5	132	185	48	1/2 x 3	1.6
4	4.125	0.06	5.20	7.28	1.89		3.5
125	130.2	1.5	159	220	48	5/8 x 3 1/2	2.2
5	5.125	0.06	6.26	8.66	1.89		4.6
150	155.6	1.5	184	248	48	5/8 x 3 1/2	2.5
6	6.125	0.06	7.24	9.76	1.89		5.5

BS EN 1057

Nominal Size mm	Pipe O. D. mm	Pipe End Separation mm	Dimensions			Bolt / Nut Size mm	Weight kgs
			A mm	B mm	C mm		
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	141	48	M10 x 55	1.3
100	108.0	3.2	138	192	48	M12 x 75	1.6
125	133.0	3.2	165	231	48	M16 x 90	2.2
150	159.0	3.2	190	253	48	M16 x 90	2.5

AS1432 TYPE "A" , "B" AND "D"

Nominal Size mm	Pipe O. D. mm	Pipe End Separation mm	Dimensions			Bolt / Nut Size mm	Weight kgs
			A mm	B mm	C mm		
50	50.80	1.5	77	115	48	M10 x 55	0.8
65	63.50	1.5	90	134	48	M10 x 55	0.9
80	76.20	1.5	103	154	48	M12 x 75	1.3
100	101.60	1.5	129	183	48	M12 x 75	1.6
125	127.00	1.5	156	220	48	M16 x 90	2.1
150	152.40	1.5	181	249	48	M16 x 90	2.5