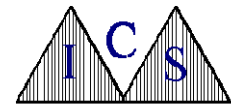
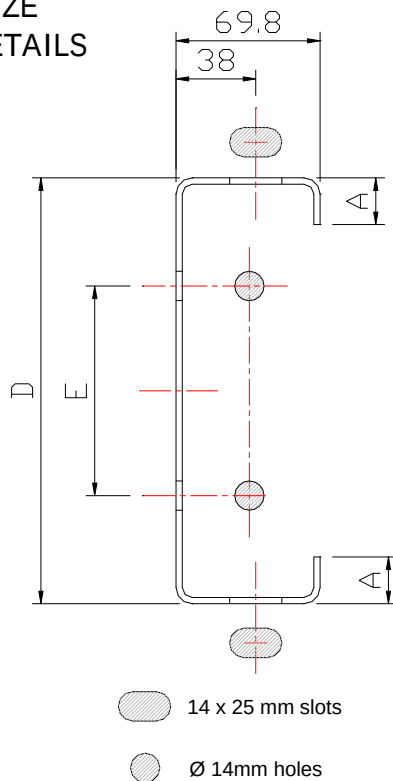


C SECTION SIZE
AND HOLE DETAILS

Industrial Cladding Systems

Industrial Cladding Systems
Riverdale way,
Newburn Haugh Industrial Estate,
Lemington, Newcastle upon Tyne,
NE15 8SF

MANUFACTURED TOLERANCES

A = lip	20mm	± 5mm
D = depth (see table)		± 5mm
Flange	70mm	± 5mm
LIP angle		± 3°
Flange to web Angle		± 5°
Thickness		95% of Design Thickness
Radius = 5mm for all bends		
E = 100mm –round or slotted holes		

Section REF	Weight Kg/m	Area Cm ²	D= Depth mm	B= width mm	T= Thick mm	C - SECTION PROPERTIES						
						Ixx Cm ⁴	Iyy cm ⁴	Zxx cm ³	Zyy cm ³	Rxx cm	Ryy cm	Cy cm
152/C/1.4	3.51	4.47	152	70	1.4	167.9	30.7	22.09	6.47	6.13	2.62	2.26
152/C/1.5	3.76	4.79	152	70	1.5	179.9	32.8	23.67	6.94	6.13	2.62	2.26
152/C/1.6	4.01	5.11	152	70	1.6	191.8	35.0	25.24	7.40	6.13	2.62	2.27
152/C/1.8	4.51	5.75	152	70	1.8	215.8	39.4	28.40	8.34	6.13	2.62	2.27
152/C/2.0	5.01	6.39	152	70	2.0	239.8	43.8	31.55	9.27	6.13	2.62	2.28
152/C/2.5	6.27	7.99	152	70	2.5	299.8	54.8	39.44	11.62	6.13	2.62	2.29
177/C/1.4	3.79	4.82	177	70	1.4	238.3	32.3	26.92	6.59	7.03	2.59	2.10
177/C/1.5	4.06	5.17	177	70	1.5	255.3	34.6	28.85	7.06	7.03	2.59	2.11
177/C/1.6	4.33	5.51	177	70	1.6	272.3	36.9	30.77	7.54	7.03	2.59	2.11
177/C/1.8	4.87	6.20	177	70	1.8	306.4	41.5	34.62	8.49	7.03	2.59	2.11
177/C/2.0	5.41	6.89	177	70	2.0	340.4	46.1	38.46	9.45	7.03	2.59	2.12
177/C/2.5	6.76	8.61	177	70	2.5	425.5	57.7	48.08	11.84	7.03	2.59	2.13
203/C/1.5	4.36	5.56	203	70	1.5	350.9	36.1	34.57	7.17	7.95	2.55	1.96
203/C/1.6	4.65	5.93	203	70	1.6	374.3	38.5	36.88	7.65	7.95	2.55	1.97
203/C/1.8	5.23	6.67	203	70	1.8	421.1	43.4	41.49	8.62	7.95	2.55	1.97
203/C/2.0	5.82	7.41	203	70	2.0	467.9	48.2	46.10	9.59	7.95	2.55	1.98
203/C/2.5	7.27	9.26	203	70	2.5	584.8	60.3	57.62	12.03	7.95	2.55	1.99
203/C/2.9	8.43	10.74	203	70	2.9	678.4	69.9	66.84	13.99	7.95	2.55	2.00
228/C/1.6	4.97	6.33	228	70	1.6	491.2	39.9	43.09	7.75	8.81	2.51	1.85
228/C/1.8	5.59	7.12	228	70	1.8	552.6	44.9	48.48	8.73	8.81	2.51	1.85
228/C/2.0	6.21	7.91	228	70	2.0	614.0	49.9	53.86	9.71	8.81	2.51	1.86
228/C/2.5	7.76	9.89	228	70	2.5	767.5	62.4	67.33	12.18	8.81	2.51	1.87
228/C/2.9	9.00	11.47	228	70	2.9	890.3	72.5	78.10	14.16	8.81	2.51	1.88
228/C/3.2	9.93	12.65	228	70	3.2	982.5	80.0	86.18	15.66	8.81	2.51	1.89
254/C/1.6	5.29	6.74	254	70	1.6	633.8	41.2	49.91	7.83	9.70	2.47	1.74
254/C/1.8	5.95	7.59	254	70	1.8	713.0	46.3	56.14	8.82	9.70	2.47	1.74
254/C/2.0	6.62	8.43	254	70	2.0	792.3	51.5	62.38	9.81	9.70	2.47	1.75
254/C/2.5	8.27	10.54	254	70	2.5	990.3	64.4	77.98	12.30	9.70	2.47	1.76
254/C/2.9	9.59	12.22	254	70	2.9	1,148.8	74.8	90.46	14.31	9.70	2.47	1.78
254/C/3.2	10.59	13.49	254	70	3.2	1,267.6	82.5	99.81	15.83	9.70	2.47	1.79