



IRISH ROLLFORMING

Section	Depth	Width	Wall thickness	Cross-sectional area	Shear area	Shear area	Moment of inertia	Moment of inertia	Governing radius of gyration	Governing radius of gyration	Weight	Elastic section modulus	Elastic section modulus	Plastic section modulus	Plastic section modulus
	h	b	t _s	A	A _u	A _v	I _y	I _z	r _y	r _z	wt	S _y	S _{z,max}	Z _{y,max}	Z _{z,max}
	mm	mm	mm	cm ²	cm ²	cm ²	cm ⁴	cm ⁴	mm	mm	kg/m	cm ³	cm ³	cm ³	cm ³
145x65x1.5	145.00	65.00	1.50	4.49	1.26	1.58	148.26	21.15	57.50	21.70	3.50	20.45	5.09	23.69	7.79
145x65x1.8	145.00	65.00	1.80	5.37	1.52	1.90	176.48	24.88	57.30	21.50	4.20	24.34	5.99	28.27	9.24
145x65x2.0	145.00	65.00	2.00	5.96	1.68	2.12	194.87	27.28	57.20	21.40	4.70	26.88	6.57	31.28	10.17
175x65x1.5	175.00	65.00	1.50	5.05	1.25	2.08	235.53	21.83	68.30	20.80	4.00	26.92	5.20	31.52	8.08
175x65x1.8	175.00	65.00	1.80	6.02	1.50	2.49	279.40	25.56	68.10	20.60	4.70	31.93	6.09	37.48	9.54
175x65x2.0	175.00	65.00	2.00	6.67	1.66	2.77	308.04	27.96	68.00	20.50	5.20	35.20	6.66	41.39	10.48
205x65x1.5	205.00	65.00	1.50	5.50	1.22	2.53	341.77	21.87	78.80	19.90	4.30	33.34	5.17	39.43	8.11
205x65x1.8	205.00	65.00	1.80	6.56	1.45	3.04	405.79	25.62	78.60	19.80	5.20	39.59	6.07	46.92	9.58
205x65x2.0	205.00	65.00	2.00	7.27	1.61	3.37	447.65	28.02	78.50	19.60	5.70	43.67	6.63	51.84	10.53
235x65x1.5	235.00	65.00	1.50	5.95	1.19	2.98	472.76	21.92	89.10	19.20	4.70	40.24	5.15	48.01	8.13
235x65x1.8	235.00	65.00	1.80	7.10	1.42	3.58	561.72	25.67	88.90	19.00	5.60	47.81	6.04	57.17	9.61
235x65x2.0	235.00	65.00	2.00	7.87	1.57	3.98	619.95	28.08	88.80	18.90	6.20	52.76	6.61	63.18	10.56
265x65x1.5	265.00	65.00	1.50	6.40	1.16	3.43	630.53	21.95	99.30	18.50	5.00	47.59	5.14	57.27	8.15
265x65x1.8	265.00	65.00	1.80	7.64	1.39	4.12	749.61	25.71	99.00	18.30	6.00	56.57	6.02	68.23	9.64
265x65x2.0	265.00	65.00	2.00	8.47	1.53	4.58	827.65	28.12	98.90	18.20	6.60	62.46	6.59	75.43	10.60