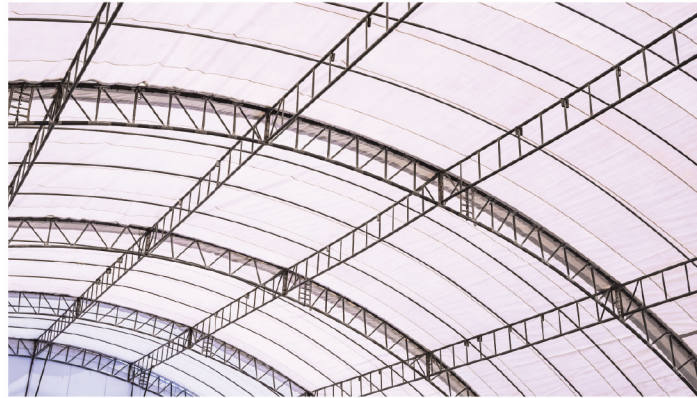


BrisTruss

Roofing Solutions
Under One Roof



MATERIAL SPECIFICATIONS

Hot dip galvanized steel to JIS G 3302 or AS1397, MS1196:2020 with Hi-Tensile Grade G550 Yield Strength.

FEATURES & BENEFITS

- ✓

High degree of accuracy and consistency in dimensions
- ✓

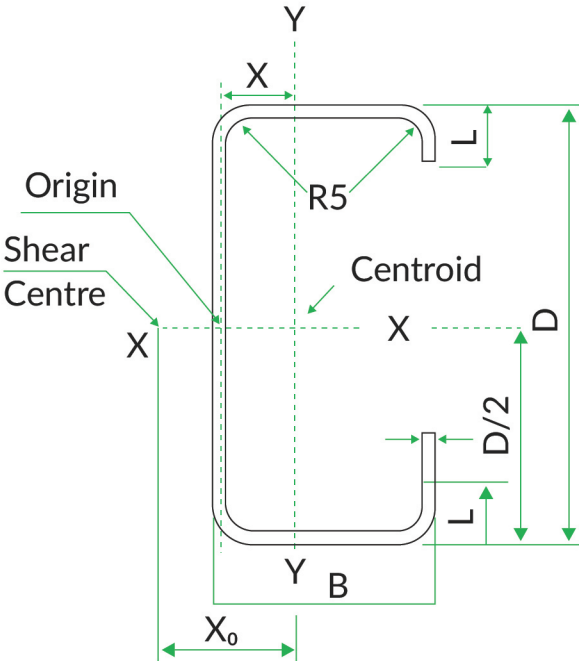
Easy deployment
- ✓

Thickness options for economy of design
- ✓

Lighter, straighter, better
- ✓

High tensile steel - high strength and low weight
- ✓

Termite resistant



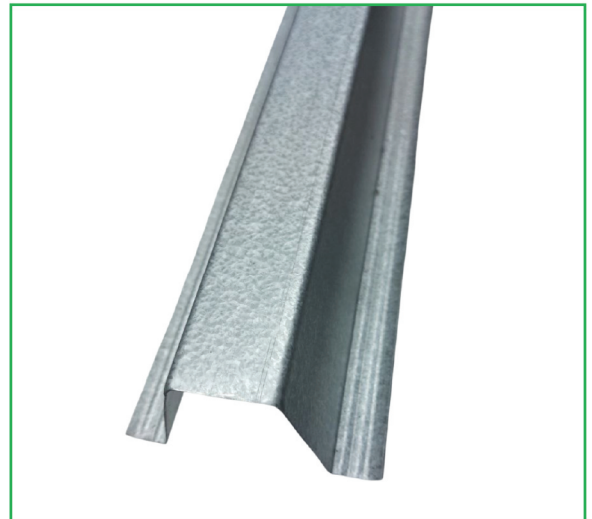
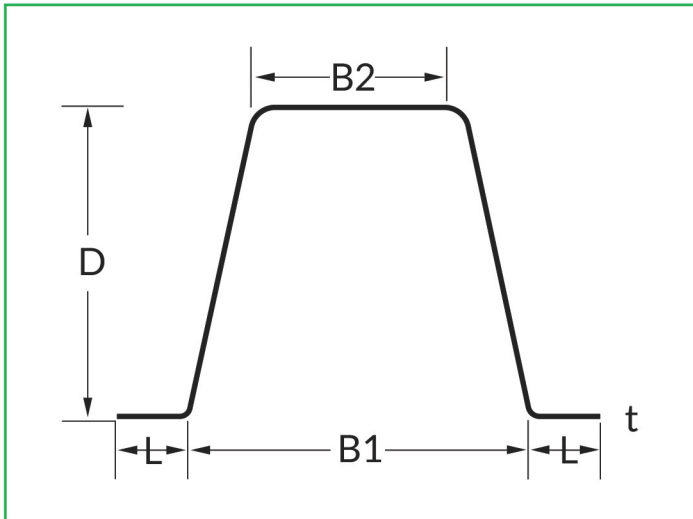
MATERIAL PROPERTIES

Section Designations	Dimensions					Mass Per Unit Length	Area	Full Section	Second Moment of Area		Radius of Gyration		Torsional Constant	Location of Shear Centre	Warping Constant
	D	B	B2	L	t	kg/m	A	S _{x-x}	I _{x-x}	I _{y-y}	r _x	r _y	J	e	C _w
	mm	mm	mm	mm	mm		mm ²	mm ³	10 ⁶ mm ⁴	10 ⁶ mm ⁴	mm	mm	mm ⁴	mm	10 ⁶ mm ⁶
BSC75075	75	39	41	10.0	0.75	0.98	122.17	3490.91	0.12	0.03	30.74	15.40	20.53	20.15	34.77
BSC75080	75	39	41	10.0	0.80	1.04	130.52	3725.95	0.12	0.03	30.71	15.37	25.13	20.14	36.90
BSC75095	75	39	41	10.0	0.95	1.24	155.39	4422.60	0.15	0.06	30.63	15.29	42.89	20.11	43.20
BSC75100	75	39	41	10.0	1.00	1.30	163.61	4652.00	0.15	0.04	30.60	15.26	50.26	20.10	45.30
BSC75115	75	39	41	10.0	1.15	1.50	188.08	5331.76	0.18	0.04	30.52	15.18	77.24	20.07	51.20
BSC75120	75	39	41	10.0	1.20	1.56	196.17	5555.54	0.18	0.05	30.49	15.15	87.99	20.06	53.00
BSC89075	89	39	41	10.0	0.75	1.06	133.53	4380.89	0.17	0.03	35.90	15.43	22.44	19.75	52.90
BSC89080	89	39	41	10.0	0.80	1.13	142.68	4728.53	0.18	0.03	35.87	15.40	27.47	19.74	56.30
BSC89095	89	39	41	10.0	0.95	1.34	169.95	5554.89	0.22	0.04	35.79	15.32	46.91	19.70	66.00
BSC89100	89	39	41	10.0	1.00	1.41	178.97	5909.57	0.23	0.04	35.76	15.29	54.98	19.69	69.10
BSC89120	89	39	41	10.0	1.20	1.70	214.73	6985.55	0.27	0.05	35.64	15.18	96.31	19.64	81.20
BSC15016	150	45	45	12	1.55	3.09	383.25	19935.09	1.26	0.09	57.36	15.74	291.28	19.84	415.90
BSC150200	150	45	45	12	2.00	3.99	491.67	25408.10	1.60	0.12	57.03	15.48	629.59	18.71	513.71
BSC150250	150	45	45	12	2.50	4.98	609.00	31239.75	1.96	0.14	56.66	15.18	1228.48	18.57	609.63

*Data provided are for reference only. Bristeel shall not be responsible for data provided. Please ensure all design are checked by professional engineers

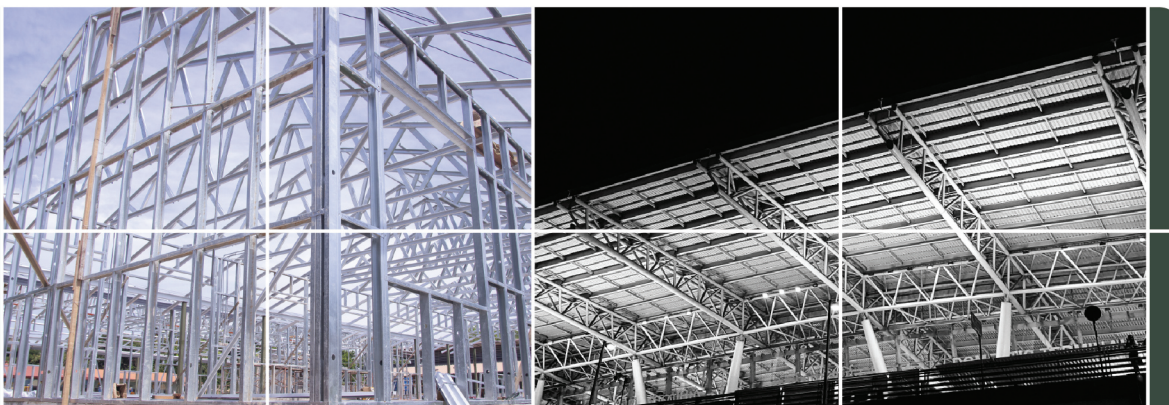


BATTEN SPECIFICATION



Section Designations	Dimensions					Mass Per Unit Length
	D	B1	B2	L	t	kg/m
	mm	mm	mm	mm	mm	
BSB45050	45	48	30	10	0.50	0.60
BSB45060	45	48	30	10	0.60	0.72
BSB45075	45	48	30	10	0.75	0.89

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IBS status certification by:



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