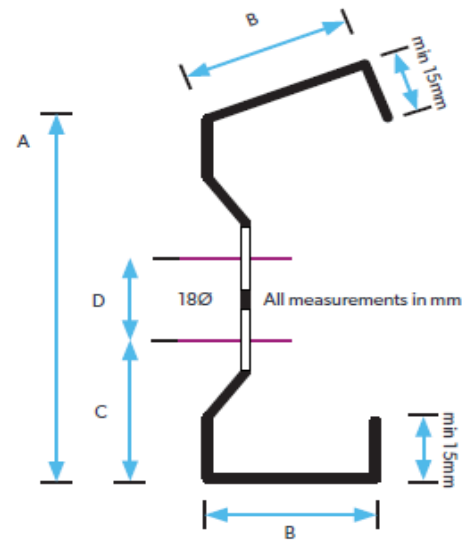


# Section Properties

## Eaves Beams - Recessed Faced

- All Eaves Beams are available in any gauge, only the most relevant are specified in the Section Properties and Load Value Table sections. Please contact our sales team for section properties and load details of non-listed sections.
- Designed in accordance with BS EN 1993-1-3.
- Formed from pre-hot dipped galvanised steel to BS EN 10346 with minimum yield strength of 450 N/mm<sup>2</sup> and Z275 galvanised coating.
- All holes are 18mm  $\varnothing$  unless otherwise requested.
- All holes are punched at the same centres in pairs unless otherwise requested.
- Load Tables are based on 1 kN/m<sup>2</sup> and 1.5 kN/m<sup>2</sup> wind load cases.
- Working deflection is based on a span/200 scenario.
- Properties stated below are Gross values.



Eaves Beam Section	Gauge (mm)	Total Depth A	Flanges (Equal) B	Lower Hole C	Hole Centres D	Weight (kg/m)	I <sub>y</sub> (cm <sup>4</sup> )	W <sub>y</sub> (cm <sup>3</sup> )	I <sub>z</sub> (cm <sup>4</sup> )	W <sub>z</sub> (cm <sup>3</sup> )	i <sub>y</sub> (cm)	i <sub>z</sub> (cm)
20020	2.0	200	90	70	60	6.91	519.37	52.46	67.22	12.22	7.76	2.79
20025	2.5	200	90	70	60	8.63	645.13	65.33	82.69	15.12	7.73	2.77
25020	2.0	250	100	70	110	8.01	942.50	76.01	89.12	14.31	9.71	2.98
25025	2.5	250	100	70	110	10.01	1172.67	94.76	109.77	17.72	9.68	2.96
25030	3.0	250	100	70	110	12.01	1398.72	113.26	129.61	21.03	9.66	2.94
28020	2.0	280	100	70	140	8.48	1233.11	88.71	89.52	14.31	10.79	2.91
28025	2.5	280	100	70	140	10.60	1535.15	110.64	110.26	17.71	10.77	2.89
28030	3.0	280	100	70	140	12.72	1832.16	132.29	130.18	21.02	10.74	2.86