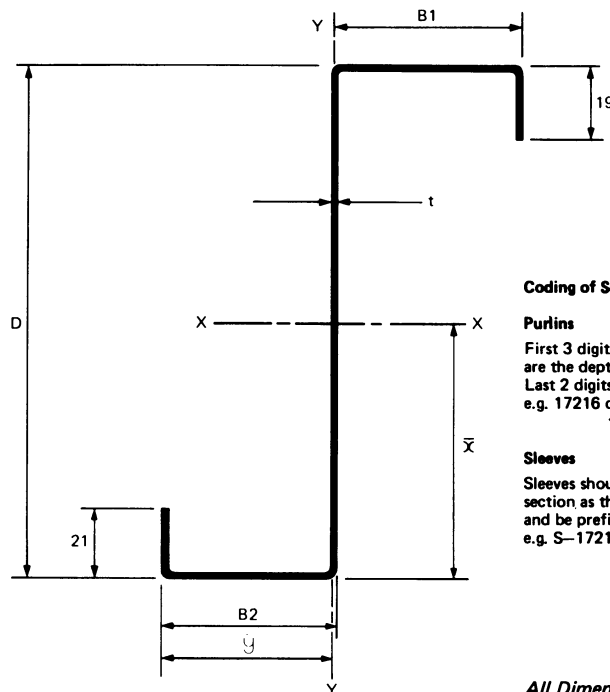


# METSEC PURLINS AND SIDE RAILS — SECTION DIMENSIONS AND PROPERTIES



## Coding of Sections

### Purlins

First 3 digits of section reference number are the depth of the purlin (mm).  
Last 2 digits are the thickness (mm x 10)  
e.g. 17216 depth of purlin = 172mm  
thickness = 1.6mm

### Sleeves

Sleeves should be of the same section as the purlin, but used in reverse, and be prefixed S—  
e.g. S-17216.

All Dimensions Nominal

Section Ref.	Depth	Top Flange	Bottom Flange	Thick-ness	Wt/M	Area	Ixx	Zxx	Iyy	Ryy	$\bar{y}$	$\bar{x}$	Clm
	D mm	B1 mm	B2 mm	t mm	Kg	cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm <sup>4</sup>	cm	mm	mm	
12215	122	54	49	1.5	2.96	3.765	87.76	14.18	25.84	2.62	49.42	61.80	0.801
12216	122	54	49	1.6	3.25	4.132	95.96	15.51	28.12	2.61	49.42	61.80	0.833
14215	142	54	49	1.5	3.15	4.018	127.8	17.69	26.58	2.542	49.50	72.26	0.744
14216	142	54	49	1.6	3.46	4.413	140.4	19.43	29.05	2.533	49.43	72.26	0.771
14221	142	54	49	2.1	4.43	5.644	171.6	23.87	35.61	2.512	48.83	71.92	0.848
17215	172	65	60	1.5	3.74	4.784	224.2	25.68	43.55	2.988	60.48	87.29	0.709
17216	172	65	60	1.6	4.12	5.258	246.4	28.23	47.67	2.979	60.40	87.29	0.738
17218	172	65	60	1.8	4.49	5.729	268.5	30.75	51.71	2.969	60.32	87.29	0.742
17225	172	65	60	2.5	6.29	8.014	358.7	41.28	68.90	2.932	59.58	86.91	0.838
20216	202	65	60	1.6	4.50	5.746	359.0	35.06	47.68	2.852	60.30	102.40	0.664
20218	202	65	60	1.8	5.09	6.476	395.9	38.66	52.24	2.840	60.20	102.40	0.686
20221	202	65	60	2.1	5.70	7.283	455.0	44.44	59.61	2.825	60.06	102.40	0.719
20225	202	65	60	2.5	6.88	8.764	524.5	51.45	68.91	2.804	59.51	101.96	0.783
23219	232	76	69	1.9	6.06	7.740	638.3	54.11	82.11	3.224	69.57	118.00	0.669
23224	232	76	69	2.4	7.43	9.482	782.0	66.28	99.38	3.196	69.33	118.00	0.710
26224	262	80	72	2.4	8.19	10.460	1087.0	82.25	120.30	3.353	71.65	132.00	0.693
26229	262	80	72	2.9	9.67	12.350	1275.0	95.62	132.50	3.229	72.22	133.30	0.713