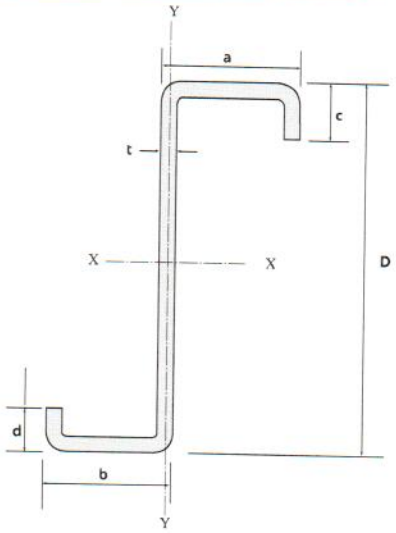
Zed Section Properties



Section Dimensions and Properties - Metric

Section Ref	Depth	Thick-ness	Top Flange	Bottom Flange	Top Lip	Bottom Lip	Wt/m.	Area	Second Moment of Area		Section Modulus		Radius of Gyration		Moment Capacity	
									Major Axis Ixx	Minor Axis Iyy	Major Axis Zxx	Minor Axis Zyy	Major Axis rgx	Minor Axis rgy	Major Axis Mcx	Minor Axis Mcy
	D mm	t mm	a mm	b mm	c mm	d mm	Kg/m	cm^2	cm^4	cm^4	cm^3	cm^3	cm	cm	kNm	kNm
P121-16	121	1.6	55	50	18	16	3.19	4.06	94.56	27.59	15.25	5.26	4.83	2.61	6.68	2.24
P140-14	140	1.4	55	50	18	16	3.00	3.83	116.82	24.46	16.3	4.64	5.3	2.54	6.7	2.11
P140-16	140	1.6	55	50	18	16	3.42	4.36	132.67	27.6	18.51	5.25	5.52	2.52	7.85	2.17
P140-18	140	1.8	55	50	18	16	3.84	4.89	148.32	30.65	20.7	5.84	5.51	2.50	9.19	2.48
P140-20	140	2	55	50	18	16	4.25	5.42	163.75	33.62	22.85	6.42	5.50	2.49	10.45	2.78
P140-25	140	2.5	55	50	18	16	5.28	6.73	201.45	40.68	28.11	7.8	5.47	2.46	13.44	3.49
P177-14	177	1.4	55	50	18	16	3.41	4.35	202.35	24.47	22.39	4.63	6.82	2.37	8.30	1.72
P177-16	177	1.6	55	50	18	16	3.89	4.95	229.99	27.61	25.45	5.23	6.81	2.36	10.15	2.03
P177-18	177	1.8	55	50	18	16	4.36	5.56	257.31	30.67	28.47	5.82	6.80	2.35	11.93	2.34
P177-20	177	2	55	50	18	16	4.84	6.16	284.32	33.64	31.46	6.4	6.79	2.34	13.63	2.64
P177-25	177	2.5	55	50	18	16	6.01	7.65	350.48	40.7	38.77	7.77	6.77	2.31	17.72	3.36
P200-14	200	1.4	61	55	17	17	3.78	4.82	285.53	31.65	28.07	5.36	7.70	2.56	9.59	1.89
P200-16	200	1.6	61	55	17	17	4.32	5.5	324.7	35.75	31.92	6.07	7.69	2.55	11.91	2.26
P200-18	200	1.8	61	55	17	17	4.84	6.17	363.47	39.74	35.73	6.75	7.68	2.54	14.17	2.62
P200-20	200	2	61	55	17	17	5.37	6.84	401.84	43.64	39.5	7.43	7.66	2.53	16.35	2.97
P200-25	200	2.5	61	55	17	17	6.67	8.5	496.04	52.94	48.75	9.05	7.64	2.50	21.54	3.82
P235-14	235	1.4	65	60	20	18	4.31	5.49	441.39	40.55	36.94	6.44	8.96	2.72	11.52	2.10
P235-16	235	1.6	65	60	20	18	4.92	6.27	502.24	45.84	42.03	7.29	8.95	2.70	14.54	2.55
P235-18	235	1.8	65	60	20	18	5.52	7.03	562.55	51.01	47.08	8.13	8.94	2.69	17.51	2.98
P235-20	235	2	65	60	20	18	6.12	7.8	622.32	56.06	52.08	8.94	8.93	2.68	20.41	3.41
P235-25	235	2.5	65	60	20	18	7.61	9.7	769.37	68.18	64.38	10.92	8.91	2.65	27.32	4.44
P265-14	265	1.4	65	60	20	18	4.64	5.91	587.81	40.55	43.67	6.43	9.97	2.62	12.82	1.94
P265-16	265	1.6	65	60	20	18	5.3	6.75	669.04	45.85	49.71	7.28	9.96	2.61	16.30	2.39
P265-18	265	1.8	65	60	20	18	5.95	7.57	749.6	51.02	55.69	8.11	9.95	2.60	19.74	2.83
P265-20	265	2	65	60	20	18	6.59	8.4	829.48	56.07	61.62	8.93	9.94	2.58	23.11	3.26
P265-25	265	2.5	65	60	20	18	8.2	10.45	1026.25	68.19	76.24	10.9	9.91	2.55	31.22	4.29

All sections are manufactured from pre-hot dipped galvanised steel coil to BS EN 10346 with a minimum yield strength of 450 N/mm² and Z275 coating.