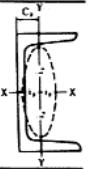


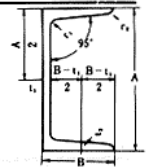
U-CHANNELS

Imperial units (Inside slope 5°)

Section size AxB	Unit weight M		Section depth A		Flange width B		Flange thickness t1		Web thickness t2		Corner radius			
	mm (in)	kg/m	lb/ft	mm	in	mm	in	mm	in	mm	in	r1	in	r2
127 x 64 (5 x 2½)	14.90	10.0	127.0	5.0	63.5	2.5	9.2	0.362	6.4	0.252	10.7	0.421	2.4	0.094
152 x 76 (6 x 3)	17.88	12.0	152.4	6.0	76.2	3.0	9.0	0.354	6.4	0.252	12.2	0.480	2.4	0.094
152 x 89 (6 x 3½)	23.84	16.0	152.4	6.0	88.9	3.5	11.6	0.457	7.1	0.280	13.7	0.539	3.2	0.126
178 x 76 (7 x 3)	20.84	14.0	177.8	7.0	76.2	3.0	10.3	0.405	6.6	0.260	12.2	0.480	3.2	0.126
178 x 89 (7 x 3½)	26.81	18.0	177.8	7.0	88.9	3.5	12.3	0.484	7.6	0.299	13.7	0.539	3.2	0.126
203 x 76 (8 x 3)	23.82	16.0	203.2	8.0	76.2	3.0	11.2	0.441	7.1	0.280	12.2	0.480	3.2	0.126
203 x 89 (8 x 3½)	29.78	20.0	203.2	8.0	88.9	3.5	12.9	0.508	8.1	0.319	13.7	0.539	3.2	0.126
229 x 76 (9 x 3)	26.06	17.5	228.6	9.0	76.2	3.0	11.2	0.441	7.6	0.299	12.2	0.480	3.2	0.126
229 x 89 (9 x 3½)	32.76	22.0	228.6	9.0	88.9	3.5	13.3	0.524	8.6	0.339	13.7	0.539	3.2	0.126
254 x 76 (10 x 3)	28.29	19.0	254.0	10.0	76.2	3.0	10.9	0.429	8.1	0.319	12.2	0.480	3.2	0.126
254 x 89 (10 x 3½)	35.74	24.0	254.0	10.0	88.9	3.5	13.6	0.535	9.1	0.358	13.7	0.539	3.2	0.126
305 x 89 (12 x 3½)	41.69	28.0	304.8	12.0	88.9	3.5	13.7	0.539	10.2	0.402	13.7	0.539	3.2	0.126
305 x 102 (12 x 4)	46.18	31.0	304.8	12.0	101.6	4.0	14.8	0.583	10.2	0.402	15.2	0.598	4.8	0.189
381 x 102 (15 x 4)	55.10	37.0	381.0	15.0	101.6	4.0	16.3	0.642	10.4	0.409	15.2	0.598	4.8	0.189
432 x 102 (17 x 4)	65.54	44.0	431.8	17.0	101.6	4.0	16.8	0.661	12.2	0.480	15.2	0.598	4.8	0.189



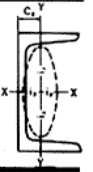
Section size		Section area A		Centre of gravity y		Moment of inertia				Radius of gyration				Modulus of section			
						Ix		Iy		ix		iy		Zx		Zy	
mm	(in)	cm ²	in ²	cm	in	cm ⁴	in ⁴	cm ⁴	in ⁴	cm	in	cm	in	cm ³	in ³	cm ³	in ³
127 x 64	(5 x 2½)	18.98	2.94	1.94	0.764	482.5	11.59	67.23	1.62	5.04	1.984	1.88	0.74	75.99	4.637	15.25	0.931
152 x 76	(6 x 3)	22.77	3.53	2.21	0.87	851.5	20.46	113.8	2.73	6.12	2.409	2.24	0.882	111.8	6.822	21.05	1.285
152 x 89	(6 x 3½)	30.36	4.71	2.86	1.126	1166	28.01	215.1	5.17	6.20	2.441	2.66	1.047	153.0	9.337	35.70	2.178
178 x 76	(7 x 3)	26.54	4.11	2.20	0.866	1337	32.12	134.0	3.22	7.10	2.795	2.25	0.886	150.4	9.178	24.72	1.509
178 x 89	(7 x 3½)	34.15	5.29	2.76	1.087	1753	42.12	241.0	5.79	7.16	2.819	2.66	1.047	197.2	12.034	39.29	2.398
203 x 76	(8 x 3)	30.34	4.70	2.13	0.839	1950	46.85	151.3	3.63	8.02	3.157	2.23	0.878	192.0	11.717	27.59	1.684
203 x 89	(8 x 3½)	37.94	5.88	2.65	1.043	2491	59.85	264.4	6.35	8.10	3.189	2.64	1.039	245.2	14.963	42.34	2.584
229 x 76	(9 x 3)	33.20	5.15	2.00	0.787	2610	62.70	158.7	3.81	8.87	3.492	2.19	0.862	228.3	13.932	28.22	1.722
229 x 89	(9 x 3½)	41.73	6.47	2.53	0.996	3387	81.37	285.0	6.85	9.01	3.547	2.61	1.028	296.4	18.087	44.82	2.735
254 x 76	(10 x 3)	36.03	5.58	1.86	0.732	3367	80.89	162.6	3.91	9.67	3.807	2.12	0.835	265.1	16.177	28.21	1.721
254 x 89	(10 x 3½)	45.52	7.06	2.42	0.953	4448	106.86	302.4	7.27	9.88	3.89	2.58	1.016	350.2	21.370	46.70	2.850
305 x 89	(12 x 3½)	53.11	8.23	2.18	0.858	7061	169.64	325.4	7.82	11.5	4.528	2.48	0.976	463.3	28.272	48.49	2.959
305 x 102	(12 x 4)	58.83	9.12	2.66	1.047	8214	197.34	499.5	12.00	11.8	4.646	2.91	1.146	539.0	32.892	66.59	4.064
381 x 102	(15 x 4)	70.19	10.88	2.52	0.992	14894	357.82	579.7	13.93	14.6	5.748	2.87	1.130	781.8	47.708	75.86	4.629
432 x 102	(17 x 4)	83.49	12.94	2.32	0.913	21399	514.11	628.6	15.10	16.0	6.299	2.74	1.079	991.1	60.480	80.14	4.890



U-CHANNELS

Metric units (Inside slope 5°)

Section size A x B x t1	Unit weight M		Section depth A		Flange width B		Web thickness t1		Flange thickness t2		Corner radius			
	kg/m	lb/ft	mm	in	mm	in	mm	in	mm	in	r1		r2	
											mm	in	mm	in
75 x 40 x 5	6.92	4.65	75	2.953	40	1.575	5.0	0.197	7.0	0.276	8	0.315	4.0	0.157
100 x 50 x 5	9.36	6.29	100	3.937	50	1.969	5.0	0.197	7.5	0.295	8	0.315	4.0	0.157
125 x 65 x 6	13.4	9.004	125	4.921	65	2.559	6.0	0.236	8.0	0.315	8	0.315	4.0	0.157
150 x 75 x 6.5	18.6	12.50	150	5.906	75	2.953	6.5	0.256	10.0	0.394	10	0.394	5.0	0.197
150 x 75 x 9	24.0	16.13	150	5.906	75	2.953	9.0	0.354	12.5	0.492	15	0.591	7.5	0.295
180 x 75 x 7	21.4	14.35	180	7.087	75	2.953	7.0	0.276	10.5	0.413	11	0.433	5.5	0.217
180 x 90 x 7.5	27.1	18.21	180	7.087	90	3.543	7.5	0.295	12.5	0.492	13	0.512	6.5	0.256
200 x 80 x 7.5	24.6	16.53	200	7.874	80	3.15	7.5	0.295	11.0	0.433	12	0.472	6.0	0.236
200 x 90 x 8	30.3	20.40	200	7.874	90	3.543	8.0	0.315	13.5	0.531	14	0.551	7.0	0.276
230 x 80 x 8	28.4	19.08	230	9.055	80	3.15	8.0	0.315	12.0	0.472	13	0.512	6.5	0.256
230 x 90 x 8.5	33.1	22.24	230	9.055	90	3.543	8.5	0.335	13.5	0.531	15	0.591	7.5	0.295
250 x 80 x 8	30.2	20.29	250	9.843	80	3.15	8.0	0.315	12.5	0.492	14	0.551	7.0	0.276
250 x 90 x 9	34.6	23.15	250	9.843	90	3.543	9.0	0.354	13.0	0.512	14	0.551	7.0	0.276
250 x 90 x 11	40.2	26.90	250	9.843	90	3.543	11.0	0.433	14.5	0.571	17	0.669	8.5	0.335
280 x 100 x 9	38.8	26.07	280	11.024	100	3.937	9.0	0.354	13.0	0.512	14	0.551	7.0	0.276
280 x 100 x 11.5	48.2	32.39	280	11.024	100	3.937	11.5	0.453	16.0	0.630	18	0.709	9.0	0.354
300 x 90 x 9	38.1	25.57	300	11.811	90	3.543	9.0	0.354	12.0	0.512	14	0.551	7.0	0.276
300 x 90 x 10	43.8	29.32	300	11.811	90	3.543	10.0	0.394	15.5	0.611	19	0.748	9.5	0.374
380 x 100 x 10.5	54.5	36.60	380	14.961	100	3.937	10.5	0.413	16.0	0.630	18	0.709	9.0	0.354
380 x 100 x 13	62.0	41.66	380	14.961	100	3.937	13.0	0.512	16.5	0.650	18	0.709	9.0	0.354



Section size A x B x t1	Section area A		Centre of gravity Cy		Moment of inertia				Radius of gyration				Modulus of section			
					Ix		Iy		ix		iy		Zx		Zy	
	cm ²	in ²	cm	in	cm ⁴	in ⁴	cm ⁴	in ⁴	cm	in	cm	in	cm ³	in ³	cm ³	in ³
75 x 40 x 5	8.818	1.367	1.27	0.500	75.9	1.823	12.4	0.298	2.93	1.154	1.19	0.469	20.2	1.233	4.54	0.277
100 x 50 x 5	11.92	1.848	1.55	0.610	189	4.541	26.9	0.646	3.98	1.567	1.50	0.591	37.8	2.307	7.82	0.477
125 x 65 x 6	17.11	2.652	1.94	0.764	425	10.21	65.5	1.571	4.99	1.965	1.96	0.772	68.0	4.150	14.4	0.879
150 x 75 x 6.5	23.71	3.675	2.31	0.909	864	20.76	122	2.931	6.04	2.378	2.27	0.894	115	7.018	23.6	1.440
150 x 75 x 9	30.49	4.741	2.31	0.009	1060	25.47	151	3.628	5.87	2.311	2.22	0.874	141	8.604	29.1	1.776
180 x 75 x 7	27.20	4.316	2.15	0.846	1380	33.15	137	3.291	7.13	2.807	2.24	0.882	154	9.398	25.5	1.556
180 x 90 x 7.5	34.57	5.358	2.85	0.858	1840	44.21	258	6.198	7.29	2.870	2.73	1.075	204	12.45	42.0	2.563
200 x 80 x 7.5	31.33	4.856	2.24	0.882	1950	46.85	177	4.252	7.89	3.106	2.38	0.937	195	11.90	30.8	1.88
200 x 90 x 8	38.65	5.991	2.77	1.091	2490	59.82	286	6.871	8.03	3.161	2.72	1.071	249	15.19	45.9	2.801
230 x 80 x 8	36.12	5.499	2.15	0.846	2900	69.67	200	4.805	8.96	3.528	2.35	0.925	252	15.38	34.2	2.087
230 x 90 x 8.5	42.14	6.531	2.58	1.016	3490	83.85	303	7.280	9.10	3.583	2.68	1.055	304	18.55	47.3	2.886
250 x 80 x 8	38.51	5.969	2.11	0.831	3630	87.21	210	5.045	9.71	3.823	2.33	0.921	291	17.76	35.7	2.179
250 x 90 x 9	44.07	6.831	2.42	0.953	4180	100.4	306	7.352	9.74	3.835	2.64	1.039	335	20.44	46.5	2.838
250 x 90 x 11	51.17	7.931	2.39	0.941	4690	112.7	342	8.217	9.47	3.768	2.58	1.016	375	22.88	51.7	3.155
280 x 100 x 9	49.37	7.652	2.64	1.040	5930	142.5	428	10.28	11.0	4.331	2.95	1.161	423	25.81	58.2	3.552
280 x 100 x 11.5	61.37	9.512	2.68	1.055	7150	171.8	515	12.37	10.8	4.252	2.90	1.142	510	31.12	70.4	4.296
300 x 90 x 9	48.57	7.531	2.23	0.878	6440	154.7	325	7.808	11.5	4.528	2.59	1.020	429	26.18	48.0	2.929
300 x 90 x 10	55.74	8.64	2.33	0.917	7400	177.8	373	8.961	11.5	4.528	2.59	1.020	494	30.15	56.0	3.417
380 x 100 x 10.5	69.38	10.76	2.41	0.949	14500	348.4	557	13.38	14.5	5.709	2.83	1.114	762	46.50	73.3	4.473
380 x 100 x 13	78.96	12.54	2.29	0.902	15600	374.8	584	14.03	14.1	5.551	2.72	1.071	822	50.16	75.8	4.625

DIN 1026 CHANNELS

Symbol	Dimensions for										Cross Section F	Weight G	Surface Area U	Relative to bending axis*2						Distance of axis y - y			
	h	perm var.	b	perm var.	s	perm var.	t	perm var.*1	r ₁	r ₂				x - x			y - y			S _x *3	S _x *4	e _y	x _M *5
														J _x	W _x	i _x	J _y	W _y	i _y				
U										cm ²	kg/m	m ² /m	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	cm ³	cm	cm	cm	
30 x 15	30		15		4		4,5		4,5	2	2,21	1,74	0,103	2,53	1,69	1,07	0,38	0,39	0,42	--	--	0,52	0,74
30	30		33		5		7		7	3,5	5,44	4,27	0,174	6,39	4,26	1,08	5,33	2,68	0,99	--	--	1,31	2,22
40 x 20	40		20		5		5,5		5	2,5	3,66	2,87	0,142	7,58	3,79	1,44	1,14	0,86	0,56	--	--	0,67	1,01
40	40		35		5		7		7	3,5	6,21	4,87	0,199	14,1	7,05	1,50	6,68	3,08	1,04	--	--	1,33	2,32
50 x 25	50	±1,5	25		5		6		6	3	4,92	3,86	0,181	16,8	6,73	1,85	2,49	1,48	0,71	--	--	0,81	1,34
50	50		38		5		7	-0,5	7	3,5	7,12	5,59	0,232	26,4	10,6	1,92	9,12	3,75	1,13	--	--	1,37	2,47
60	60		30		6		6		6	3	6,46	5,07	0,215	31,6	10,5	2,21	4,51	2,16	0,84	--	--	0,91	1,50
65	65		42	±1,5	5,5		7,5		7,5	4	9,03	7,09	0,273	57,5	17,7	2,52	14,1	5,07	1,25	--	--	1,42	2,60
80	80		45		6		8		8	4	11,0	8,64	0,312	106	26,5	3,10	19,4	6,36	1,33	15,9	6,65	1,45	2,67
100	100		50		6	±0,5	8,5		8,5	4,5	13,5	10,6	0,372	206	41,2	3,91	29,3	8,49	1,47	24,5	8,42	1,55	2,93
120	120		55		7		9		9	4,5	17,0	13,4	0,434	364	60,7	4,62	43,2	11,1	1,59	36,3	10,0	1,60	3,03
140	140	±2,0	60		7		10		10	5	20,4	16,0	0,489	605	86,4	5,45	62,7	14,8	1,75	51,4	11,8	1,75	3,37
160	160		65		7,5		10,5		10,5	5,5	24,0	18,8	0,546	925	116	6,21	85,3	18,3	1,89	68,8	13,3	1,84	3,56
180	180		70		8		11		11	5,5	28,0	22,0	0,611	1350	150	6,95	114	22,4	2,02	89,6	15,1	1,92	3,75
200	200		75		8,5		11,5		11,5	6	32,2	25,3	0,661	1910	191	7,70	148	27,0	2,14	114	16,8	2,01	3,94
220	220		80		9		12,5	-1,0	12,5	6,5	37,4	29,4	0,718	2690	245	8,48	197	33,6	2,30	146	18,5	2,14	4,20
240	240		85		9,5		13		13	6,5	42,3	33,2	0,775	3600	300	9,22	248	39,6	2,42	179	20,1	2,23	4,39
260	260		90	±2,0	10		14		14	7	48,3	37,9	0,834	4820	371	9,99	317	47,7	2,56	221	21,8	2,36	4,66
280	280		95		10		15		15	7,5	53,3	41,8	0,890	6280	448	10,9	399	57,2	2,74	266	23,6	2,53	5,02
300	300	±3,0	100		10		16		16	8	58,8	46,2	0,950	8030	535	11,7	495	67,8	2,90	316	25,4	2,70	5,41
320	320		100		14		17,5		17,5	8,75	75,8	59,5	0,982	10870	679	12,1	597	80,6	2,81	413	26,3	2,60	4,82
350	350		100		14	±0,7	16	-1,5	16	8	77,3	60,6	1,05	12840	734	12,9	570	75,0	2,72	459	28,6	2,40	4,45
380	380		102	±2,5	13,5		16		16	8	80,4	63,1	1,11	15760	829	14,0	615	78,7	2,77	507	31,1	2,38	4,58
400	400		110		14		18		18	9	91,5	71,8	1,18	20350	1020	14,9	846	102	3,04	618	32,9	2,65	5,11

*1 The permissible plus variation is limited by the permissible exceeding of weight.

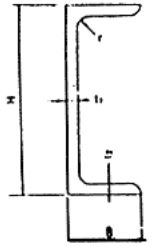
*2 J = moment of inertia; W = section modulus; i = radius of gyration, referenced in each case to the bending axis concerned.

*3 S_x = static moment of half cross-section

*4 s_x = J_x : S_x = distance between compression and tension centres

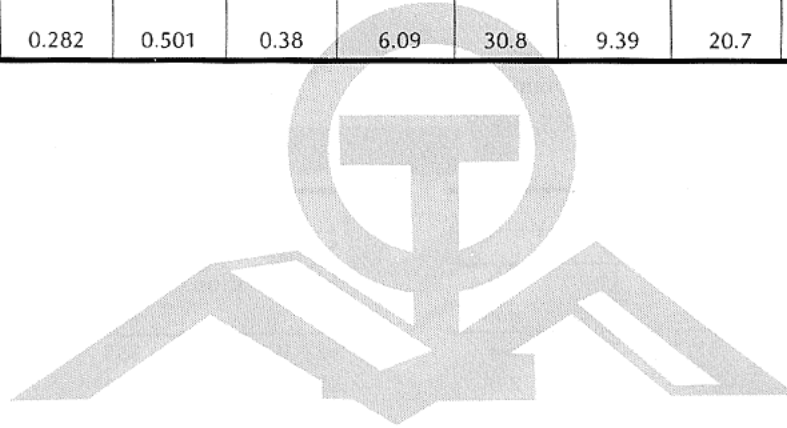
*5 x_M = distance of shear centre M from the y - y axis

The cross-sections, weights, surface areas and static values have been calculated from the dimensions detailed in the Table.



INCH SERIES

Designation	Depth	Flange	Thickness		Radius of Fillet	Sectional Area	Unit Weight			Weight per		
			Web	Flange						20 ft	30 ft	40 ft
	H	B	t1	t2	r	in ²	kg/m	kg/ft	lb/ft	kg	kg	kg
C3 x 4.1	3	1.41	0.17	0.273	0.27	1.21	6.10	1.86	4.1	37.2	55.8	74.4
C4 x 5.4	4	1.584	0.184	0.296	0.28	1.59	8.04	2.45	5.4	49.0	73.5	98
C5 x 6.7	5	1.75	0.19	0.32	0.29	1.97	9.97	3.04	6.7	60.8	91.2	122
C6 x 8.2	6	1.92	0.20	0.343	0.30	2.40	12.2	3.72	8.2	74.4	112	149
C8 x 11.5	8	2.26	0.22	0.39	0.32	3.38	17.1	5.22	11.5	104	157	209
C10 x 15.3	10	2.60	0.24	0.436	0.34	4.49	22.8	6.94	15.3	139	208	278
C12 x 20.7	12	2.942	0.282	0.501	0.38	6.09	30.8	9.39	20.7	188	282	376



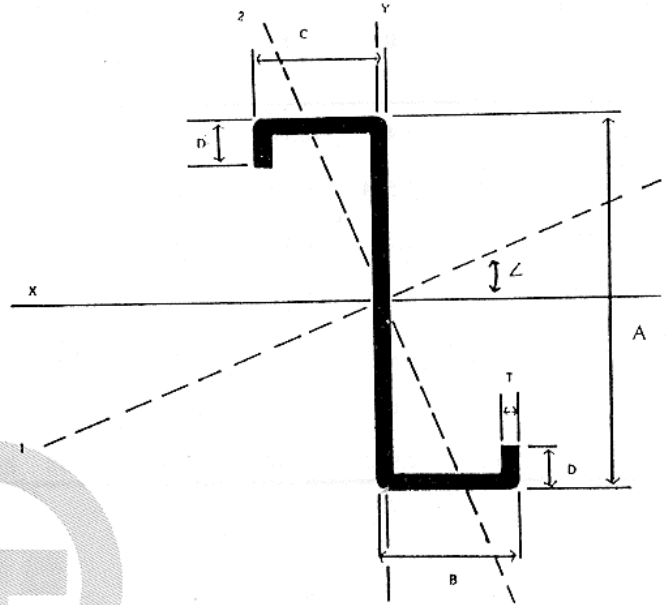
HIGH-TENSILE GALVANISED Z-PURLINS

High-Tensile Galvanised Z-Purlins are roll formed from high tensile Zinc coated steel with base steel Thickness of 1.60 mm, 2.00 mm and 2.50 mm.

They are suitable for roofing and wall cladding supports and for structural frames of buildings. Due to the light weight and high strength of the steel and the Zinc-coated surface, High-Tensile Galvanised Z-Purlins are versatile and economical and require minimal maintenance throughout the life span of the building.

MATERIAL SPECIFICATION

Base Steel Thickness	:	1.60 mm, 2.00 mm and 2.50 mm
Steel Grade	:	ASTM A446 Grade E Modified [AS 1397-G450]
Yield Stress	:	450 Mpa (minimum)
Zinc Coating	:	275g/m ² minimum coating mass
Mechanical Property	:	Y/P Min. 450 Mpa T/S Min. 510 Mpa E/L Min. 10%
Tolerances	:	Depth : 1 mm Flange width : 2 mm Length : 3 mm Hole Centres : 1.5 mm

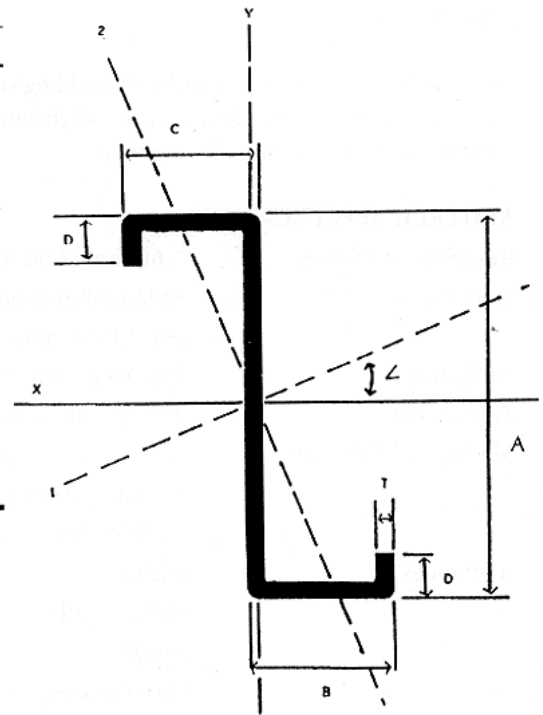


Dimensions						Dimensions					
Section Identification	Section Dimensions					Section Identification	Section Dimensions				
	A	B	C	D	t		A	B	C	D	t
	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm
BSZ 1610	102	57	51	16	1.6	BSZ 1615	153	74	67.5	16	1.6
BSZ 2010	102	57	51	16	2.0	BSZ 2015	153	74	67.5	16	2.0
BSZ 2510	102	57	51	16	2.5	BSZ 2515	153	74	67.5	16	2.5
BSZ 1612	127	57	51	16	1.6	BSZ 1620	203	74	67.5	16	1.6
BSZ 2012	127	57	51	16	2.0	BSZ 2020	203	74	67.5	16	2.0
BSZ 2512	127	57	51	16	2.5	BSZ 2520	203	74	67.5	16	2.5

Properties											
Section Identification	Mass	Area	XX-AXIS			YY-AXIS			11-AXIS	22-AXIS	ANGLE
			IX	ZX	RX	IY	ZY	RY	I1	I2	
			10 ⁶ mm ⁴	10 ³ mm ⁴	mm	10 ⁶ mm ⁴	10 ³ mm ⁴	mm	10 ⁶ mm ⁴	10 ⁶ mm ⁴	
BSZ 1610	3.05	373	0.62	12.16	40.6	0.250	4.94	25.8	0.70	0.160	24.5
BSZ 2010	3.72	442	0.77	15.14	41.8	0.310	6.22	26.5	0.98	0.190	24.4
BSZ 2510	4.60	534	0.96	18.84	42.4	0.380	7.60	26.6	1.11	0.230	24.3
BSZ 1612	3.20	408	1.03	16.18	50.1	0.261	5.20	25.3	1.04	0.243	22.9
BSZ 2012	3.94	510	1.28	20.16	51.1	0.380	7.60	27.3	1.30	0.351	22.7
BSZ 2512	4.89	638	1.60	25.20	52.2	0.470	9.45	27.5	1.63	0.434	22.6
BSZ 1615	4.01	512	2.01	26.30	62.7	0.646	9.69	35.5	2.32	0.335	23.3
BSZ 2015	4.92	598	2.50	32.70	65.4	0.811	12.2	37.2	2.86	0.451	22.7
BSZ 2515	6.01	731	3.12	40.70	66.2	1.031	15.6	38.1	3.53	0.619	22.1
BSZ 1620	4.70	572	3.86	38.10	82.6	0.635	9.52	33.5	4.15	0.350	15.9
BSZ 2020	5.74	698	4.85	47.80	84.1	0.811	12.2	34.4	5.16	0.501	15.0
BSZ 2520	7.03	855	6.05	59.60	85.1	1.021	15.4	34.9	6.40	0.675	14.2

HIGH-TENSILE GALVANISED Z-PURLINS (OTHER AVAILABLE SIZES)

Section Identification	Section Dimensions					Area	Mass Per Unit Length
	A	B	C	D	t		
	mm	mm	mm	mm	mm	mm ²	kg/m
SZ 100-16	102	53	49	14	1.6	344	2.78
SZ 100-20	102	53	48	14	2.0	430	3.45
SZ 150-16	152	65	61	16	1.6	472	3.84
SZ 150-20	152	65	61	16	2.0	590	4.77
SZ 150-25	152	66	60	16	2.5	738	5.93
SZ 200-16	203	79	74	20	1.6	592	4.82
SZ 200-20	203	79	74	20	2.0	750	6.00
SZ 200-25	203	79	73	20	2.5	938	7.46
SZ 250-20	250	78	72	20	2.0	840	6.76
SZ 250-25	250	78	72	20	2.5	1050	8.24



Section Identification	Section Dimensions					Area	Mass/ Unit Length	Second Moment of Area		Section Modulus		Radius of Gyration		Form Factor Q
	A	B	C	D	t			IX	IY	ZX	ZY	RX	RY	
	mm	mm	mm	mm	mm	mm ²	kg/m	10 ⁶ mm ⁴	10 ⁶ mm ⁴	10 ³ mm ³	10 ³ mm ³	mm	mm	
SZ 100-16	102	53	49	14	1.6	344	2.78	0.570	0.210	11.18	4.02	40.7	24.7	0.840
SZ 100-20	102	53	48	14	2.0	430	3.45	0.702	0.262	13.76	5.03	40.4	24.7	0.891
SZ 150-16	152	65	61	16	1.6	472	3.84	1.701	0.409	22.39	6.37	60.0	29.4	0.703
SZ 150-20	152	65	61	16	2.0	590	4.77	2.111	0.513	27.77	8.02	59.8	29.5	0.771
SZ 150-25	152	66	60	16	2.5	738	5.93	2.608	0.648	34.31	10.00	59.5	29.6	0.823
SZ 200-16	203	79	74	20	1.6	592	4.82	3.756	0.663	37.00	8.47	79.7	33.5	0.578
SZ 200-20	203	79	74	20	2.0	750	6.00	4.742	0.888	46.72	11.38	79.5	34.4	0.667
SZ 200-25	203	79	73	20	2.5	938	7.46	5.872	1.114	57.85	14.33	79.1	34.5	0.737
SZ 250-20	250	78	72	20	2.0	840	6.76	7.665	0.852	61.32	11.07	95.5	31.9	0.599
SZ 250-25	250	78	72	20	2.5	1050	8.24	9.522	1.075	76.18	14.01	95.2	32.0	0.658