

Equal Angles – Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
125 x 125 x 8	14.9	67
x 10	18.0	56
x 12	22.5	44
x 16	29.1	34
150 x 150 x 10	21.9	46
x 12	27.3	37
x 16	35.4	28
x 19	42.1	24
200 x 200 x 13	40.0	25
x 16	48.7	21
x 18	54.4	18
x 20	60.1	17
x 26	76.8	13

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Unequal Angles – Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
150 x 90 x 8	14.3	70
x 10	17.3	58
x 12	21.6	46
x 16	27.9	36
150 x 100 x 10	18.0	56
x 12	22.5	44

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Note: See page 12 for Merchant Bar Angles.

Universal Beams - Various Standard Lengths



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Metric Designation	Size mm x mm	Mass kg/m	Metres per Tonne
150 UB	150 x 75	14.0	71
	155 x 75	18.0	56
180 UB	173 x 90	16.1	62
	175 x 90	18.1	55
	179 x 90	22.2	45
200 UB	198 x 99	18.2	55
	202 x 133	22.3	45
	203 x 133	25.4	39
	207 x 134	29.8	34
250 UB	248 x 124	25.7	39
	252 x 146	31.4	32
	256 x 146	37.3	27
310 UB	298 x 149	32.0	31
	304 x 165	40.4	25
	307 x 166	46.2	22
360 UB	352 x 171	44.7	22
	356 x 171	50.7	20
	359 x 172	56.7	18
410 UB	403 x 178	53.7	19
	406 x 178	59.7	17
460 UB	454 x 190	67.1	15
	457 x 190	74.6	13
	460 x 191	82.1	12
530 UB	528 x 209	82.0	12
	533 x 209	92.4	11
610 UB	602 x 228	101	10
	607 x 228	113	9
	612 x 229	125	8

Welded Beams - Various Standard Lengths



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for better strength to weight ratios
- Requires no special pre-heating for welding

Metric Designation	Size mm x mm	Mass kg/m	Metres per Tonne
700 WB	692 x 250	115	8.70
	700 x 250	130	7.69
	710 x 250	150	6.67
	716 x 275	173	5.78
800 WB	792 x 250	122	8.20
	800 x 275	146	6.85
	810 x 275	168	5.95
	816 x 300	192	5.21
900 WB	900 x 300	175	5.71
	910 x 350	218	4.59
	916 x 400	257	3.89
	924 x 400	282	3.55
1000 WB	1000 x 300	215	4.65
	1010 x 350	258	3.88
	1016 x 400	296	3.38
	1024 x 400	322	3.11
1200 WB	1170 x 275	249	4.02
	1170 x 350	278	3.60
	1176 x 400	317	3.15
	1184 x 400	342	2.92
	1184 x 500	392	2.55
	1192 x 500	423	2.36
	1200 x 500	455	2.20

Notes: Made to order. Lead times may apply.

Taper Flange Beams - Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
100 x 45	7.20	139
125 x 65	13.1	76

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010

Universal Columns - Various Standard Lengths



Metric Designation	Size mm x mm	Mass kg/m	Metres per Tonne
100 UC	97 x 99	14.8	68
150 UC	152 x 152	23.4	43
	158 x 153	30.0	33
	162 x 154	37.2	27
200 UC	203 x 203	46.2	22
	206 x 204	52.2	19
	210 x 205	59.5	17
250 UC	254 x 254	72.9	14
	260 x 256	89.5	11
310 UC	308 x 305	96.8	10
	315 x 307	118	8
	321 x 309	137	7
	327 x 311	158	6

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for better strength to weight ratios
- Requires no special pre-heating for welding

Welded Columns - Various Standard Lengths



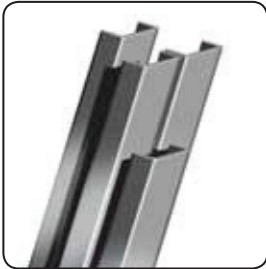
Metric Designation	Size mm x mm	Mass kg/m	Metres per Tonne
350WC	331 x 350	197	5.08
	339 x 350	230	4.35
	347 x 350	258	3.88
	355 x 350	280	3.57
400WC	382 x 400	144	6.94
	390 x 400	181	5.52
	400 x 400	212	4.72
	414 x 400	270	3.70
	422 x 400	303	3.30
	430 x 400	328	2.77
	430 x 400	361	3.05
	490 x 500	228	4.39
500 WC	500 x 500	267	3.75
	506 x 500	290	3.45
	514 x 500	340	2.94
	472 x 500	383	2.61
	480 x 500	414	2.42
	480 x 500	440	2.27

Features:

- Meets AS/NZS 3679.1:2010

Notes: Made to order. Lead times may apply.

Parallel Flange Channels - Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
150 x 75	17.7	56.5
180 x 75	20.9	47.9
200 x 75	22.9	43.7
230 x 75	25.1	39.8
250 x 90	35.5	28.2
300 x 90	40.1	24.9
380 x 100	55.2	18.1

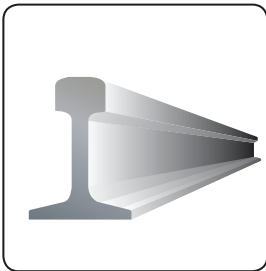
Typical uses:

- Engineering Construction
- Residential & Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Rails



Section	Mass kg/m	Metres per Tonne
10	10.10	99.00
15	15.20	65.79
22	22.30	44.84
30	30.10	33.22
41	40.80	24.51
50	50.60	19.76
53	53.00	18.87
60	60.60	16.50
68	67.50	14.81
73	73.63	13.58
86	85.50	11.70

Note: Rails are not normally a stocked item - Lead times may apply.

Equal Angles - Various Standard Lengths



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Size mm x mm	Mass kg/m	Metres per Tonne
25 x 25 x 3	1.12	893
x 5	1.65	606
x 6	2.08	481
30 x 30 x 3	1.35	741
x 5	2.01	498
x 6	2.56	391
40 x 40 x 3	1.83	546
x 5	2.73	366
x 6	3.50	286
50 x 50 x 3	2.31	433
x 5	3.48	287
x 6	4.46	224
x 8	5.68	176
55 x 55 x 5	3.84	260
x 6	4.93	203
65 x 65 x 5	4.56	219
x 6	5.87	170
x 8	7.51	133
x 10	9.02	111
75 x 75 x 5	5.27	190
x 6	6.81	147
x 8	8.73	115
x 10	10.5	95
90 x 90 x 6	8.22	122
x 8	10.6	94
x 10	12.7	79
100 x 100 x 6	9.16	109
x 8	11.8	85
x 10	14.2	70
x 12	17.7	57

Unequal Angles - Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
65 x 50 x 5	4.02	249
x 6	5.16	194
x 8	6.59	152
75 x 50 x 5	4.40	227
x 6	5.66	177
x 8	7.23	139
100 x 75 x 6	7.98	125
x 8	10.3	97
x 10	12.4	81
125 x 75 x 6	9.16	109
x 8	11.8	85
x 10	14.2	70
x 12	17.7	57

Typical uses:

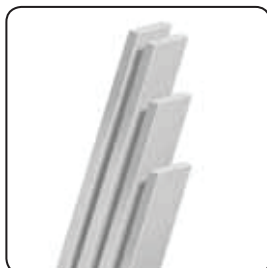
- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Note: See page 7 for Structural Angles.

Flat Bar - Square Edge - 6m



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Size mm x mm	Mass kg/m	Metres per Tonne
20 x 3	0.48	2123
x 5	0.81	1274
x 6	0.96	1062
x 10	1.61	637
25 x 3	0.60	1695
x 5	1.00	1019
x 6	1.21	847
x 8	1.61	637
x 10	2.01	510
x 12	2.42	424
32 x 3	0.77	1333
x 5	1.29	794
x 6	1.55	662
x 8	2.06	498
x 10	2.57	398
x 12	3.09	332
40 x 3	0.96	1064
x 5	1.61	637
x 6	1.93	532
x 8	2.57	398
x 10	3.22	318
x 12	3.86	265
x 16	5.15	199
x 20	6.44	159
50 x 3	1.21	847
x 5	2.01	510
x 6	2.42	424
x 8	3.22	318
x 10	4.03	254
x 12	4.83	212
x 16	6.44	159
x 20	8.05	127
x 25	10.1	102
65 x 3	1.57	654
x 5	2.61	392
x 6	3.14	327
x 8	4.18	245
x 10	5.23	196
x 12	6.27	163
x 16	8.36	123
x 20	10.5	98
x 25	13.1	78
75 x 5	3.01	340
x 6	3.62	283
x 8	4.83	212
x 10	6.04	170
x 12	7.25	141
x 16	9.66	106
x 20	12.1	85
x 25	15.1	68
x 40	24.2	42
90 x 5	3.62	283
x 6	4.35	236
x 8	5.79	177
x 10	7.25	141
x 12	8.69	118

Note: Mass Calculations include a 2.5 per cent rolling tolerance for this product.

Flat Bar - Square Edge - 6m



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

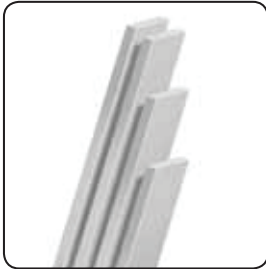
Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Size mm x mm	Mass kg/m	Metres per Tonne
100 x 5	4.03	254
x 6	4.83	212
x 8	6.44	159
x 10	8.05	127
x 12	9.66	106
x 16	12.9	79
x 20	16.1	64
x 25	20.1	51
x 50	40.3	25
110 x 6	5.31	193
x 8	7.08	145
x 10	8.86	116
x 12	10.7	96
130 x 5	5.23	196
x 6	6.27	163
x 8	8.36	123
x 10	10.5	98
x 12	12.5	82
x 16	16.7	61
x 20	20.9	49
x 25	26.1	39
150 x 5	6.04	170
x 6	7.25	141
x 8	9.66	106
x 10	12.1	85
x 12	14.5	71
x 16	19.3	53
x 20	24.2	42
x 25	30.1	34
x 50	60.4	17
180 x 5	7.25	141
x 6	8.69	118
x 10	14.5	71
x 12	17.4	59
x 16	23.2	44
x 20	29.0	35
x 25	36.2	28
200 x 6	9.66	106
x 8	12.9	79
x 10	16.1	64
x 12	19.3	53
x 16	25.7	40
x 20	32.2	32
x 25	40.3	25
250 x 6	12.1	85
x 8	16.1	64
x 10	20.1	51
x 12	24.2	42
x 16	32.2	32
x 20	40.3	25
x 25	50.3	20
300 x 6	14.5	71
x 8	19.3	53
x 10	24.2	42
x 12	29.0	35
x 16	38.6	27
x 20	48.3	21
x 25	60.4	17

Note: Mass Calculations include a 2.5 per cent rolling tolerance for this product.

Flat Bar - Round Edge - 4m



Size mm x mm	Mass kg/m	Metres per Tonne
10 x 3	0.25	4132
13 x 3 x 5 x 6	0.32	3185
	0.53	1912
	0.65	1592
16 x 3 x 5 x 8	0.40	2590
	0.66	1552
	1.06	971

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Requires no special pre-heating for welding

Note: Mass Calculations include a 2.5 per cent rolling tolerance for this product.

Round Bar - 6m



Diameter mm	Mass kg/m	Metres per Tonne
10	0.64	1613
12	0.91	1124
13	1.07	962
14	1.24	826
16	1.62	633
18	2.05	500
20	2.53	405
22	3.05	336
24	3.64	282
27	4.61	222
30	5.69	180
33	6.88	149
36	8.19	125
39	9.61	107
42	11.2	92
45	12.8	80
48	14.6	70
50	15.8	65
56	19.8	52
60	22.8	45
65	26.7	38
75	35.6	29
80	40.5	25
90	51.1	20
100	63.2	16
110	76.7	13
120	91.2	11
130	108	10
140	124	8
150	142	7
160	162	6
170	183	6
180	206	5
190	229	4
200	253	4

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Note: Mass Calculations include a 2.5 per cent rolling tolerance for this product.

Square Bar - 6m



Size mm x mm	Mass kg/m	Metres per Tonne
10 x 10	0.81	1266
12 x 12	1.16	885
16 x 16	2.06	498
20 x 20	3.22	318
25 x 25	5.03	204
32 x 32	8.24	124
40 x 40	12.9	79

Note: Mass Calculations include a 2.5 per cent rolling tolerance for this product.

Typical uses:

- Engineering Construction
- Residential & Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Parallel Flange Channels - Various Standard Lengths



Size mm x mm	Mass kg/m	Metres per Tonne
75 x 40	5.92	169
100 x 50	8.33	120
125 x 65	11.9	84.0

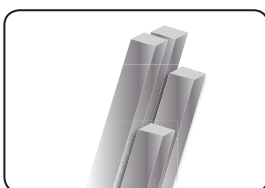
Typical uses:

- Engineering Construction
- Residential & Non-Residential Construction
- Mining Infrastructure
- Transport and Storage
- Manufacturing

Features:

- Meets AS/NZS 3679.1:2010
- Up to 20% stronger for improved strength to weight ratios
- Requires no special pre-heating for welding

Billets - 6m



Size mm x mm	Mass kg/m	Metres per Tonne
45 x 45	16.30	61
50 x 50	27.80	36
63 x 63	31.20	32
75 x 75	45.27	22

Profile Angles - Various Standard Lengths



Typical uses:

- Residential Construction
- Non-Residential Construction

Features:

- Meets Australian Tube Mills Technical Specification TS100
- Features the revolutionary DuraGal Ultra coating technology
- Smooth quality finish
- Significantly lighter than traditional hot rolled sections
- Smooth surface allows easy powdercoating and painting

DuraGal Ultra

Size mm	Nominal Thickness mm	Mass kg/m	Metres per Tonne	Length/Pack	
				Standard	
				6.0	9.0
30 x 30	2.5	1.06	947	80	
40 x 40	2.5	1.43	699	60	
	4.0	2.20	455	39	
45 x 45	2.5	1.62	617	54	
	4.0	2.50	400	36	
50 x 50	2.5	1.81	553	33	33
	4.0	2.79	357	27	27
	5.0	3.42	294		24
	6.0	4.21	238		21
65 x 65	4.0	3.69	271		22
	5.0	4.52	222		22
	6.0	5.62	178		18
75 x 75	4.0	4.29	233		22
	5.0	5.26	190		22
	6.0	6.56	152	18	
90 x 90	8.0	8.59	116	18	
	5.0	6.37	157	22	
100 x 100	8.0	10.5	95.2	18	
	6.0	8.92	112		16
125 x 125	8.0	11.7	85.5		14
	4.0	7.27	138		20
	5.0	8.95	112		18
150 x 150	8.0	14.9	67.1		12
	5.0	10.8	92.6		18
	8.0	18.0	55.6		12

Profile Channels - Various Standard Lengths



Typical uses:

- Residential Construction
- Non-Residential Construction

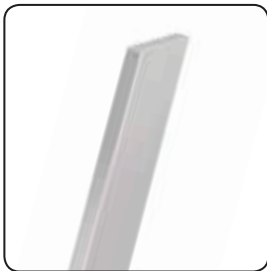
Features:

- Meets Australian Tube Mills Technical Specification TS100
- Features the revolutionary DuraGal Ultra coating technology
- Significantly lighter than traditional hot rolled sections
- Smooth surface allows easy powdercoating and painting

DuraGal Ultra

Size mm	Nominal Thickness mm	Mass kg/m	Metres per Tonne	Length/Pack	
				Standard	
				9.0	12.0
75 x 40	4.0	4.25	235	18	
100 x 50	4.0	5.59	179	18	
125 x 65	4.0	7.23	138	18	
150 x 75	5.0	10.5	95.1		12
180 x 75	5.0	11.6	86.2		12
200 x 75	5.0	12.4	80.7		12
	6.0	15.5	64.6		12
230 x 75	6.0	16.9	59.2		12
250 x 90	6.0	19.2	52.1		8
300 x 90	6.0	21.6	46.3		6
	8.0	28.5	35.1		6

Profile Flats - 6m



- Typical uses:**
- Residential Construction
 - Non-Residential Construction

- Features:**
- Meets Australian Tube Mills Technical Specification TS100
 - Features the revolutionary DuraGal Ultra coating technology
 - Smooth quality finish
 - Significantly lighter than traditional hot rolled sections
 - Smooth surface allows easy powdercoating and painting



Size mm	Nominal Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
50	4	1.49	671	57
	5	1.84	543	45
65	4	1.94	515	44
	5	2.40	417	36
75	4	2.24	447	38
	5	2.77	361	32
100	4	2.98	336	28
	5	3.69	271	28
	6	4.71	212	26
	8	6.28	160	22
130	5	4.80	208	28
150	5	5.53	181	28
	6	7.07	142	24
	8	9.42	106	22
200	5	7.38	136	32
	6	9.42	106	28
	8	12.6	79.6	22
250	5	9.22	108	23
	8	15.7	63.7	16
300	5	11.1	90.1	19
	8	18.8	53.1	12

Square Hollow Sections - Various Standard Lengths



Surface Finishes

C - DuraGal^{Clear}
S - DuraGal^{Plus}
Z - DuraGal^{Plus} ZB135/135
P - DuraPrimed
O - Oiled

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All sections are available as C450PLUS structural tube to meet AS/NZS1163:2009 C450LO.
- C450PLUS structural tube maintains the elongation properties of C350LO, providing no loss of ductility or workability.
- Available in many coating types including DuraGal^{Plus}, DuraGal^{Plus} ZB135/135, DuraPrimed and NOPC (No Oil or Paint Coating).
- DuraGal^{Plus} hot-dip galvanized coating has a minimum average zinc mass of 100g/m².

Note: See page 21 for Rectangular Hollow Sections.

Size mm x mm x mm	Surface Finish	Mass kg/m	Metres per Tonne	Length/ Pack	
				Standard	
				6.5	8.0
25 x 25 x 1.6 x 2.0 x 2.5 x 3.0	P,S	1.12	890	100	
	P,S	1.36	733	100	
	P,S	1.64	610	100	
	P,S	1.89	529	100	
30 x 30 x 1.6 x 2.0 x 2.5 x 3.0	P,S	1.38	727		100
	P,S	1.68	596		100
	P,S	2.03	492		100
	P,S	2.36	423		64
35 x 35 x 1.6 x 2.0 x 2.5 x 3.0	P,S	1.63	615		100
	P,S	1.99	502		100
	P,S	2.42	412		64
	P,S	2.83	353		64
40 x 40 x 1.6 x 2.0 x 2.5 x 3.0 x 4.0	P,S	1.88	533		81
	P,S	2.31	434		81
	P,S	2.82	355		64
	P,S	3.30	303		64
	P,S	4.09	244		49
50 x 50 x 1.6 x 2.0 x 2.5 x 3.0 x 4.0 x 5.0 x 6.0	P,S	2.38	420		64
	P,S	2.93	300		64
	P,S	3.60	278		49
	P,S	4.25	236		49
	P,S	5.35	187		36
	P,S	6.39	156		30
	O	7.32	137		25
65 x 65 x 1.6 x 2.0 x 2.5 x 3.0 x 4.0 x 5.0 x 6.0	P,S	3.13	319		49
	P,S,C,Z	3.88	258		42
	P,S,C,Z	4.78	209		42
	P,S	5.66	177		36
	P,S,C,Z	7.23	138		30
	P,S	8.75	114		25
	P	10.1	98.6		20
75 x 75 x 2.0 x 2.5 x 3.0 x 3.5 x 4.0 x 5.0 x 6.0	P,S,C,Z	4.50	222		36
	P,S,C,Z	5.56	180		30
	P,S	6.60	152		30
	P,S	7.53	133		25
	P,S,C,Z	8.49	118		25
	P,S	10.3	96.9		20
	P	12.0	83.1		16
89 x 89 x 2.0 x 3.5 x 5.0 x 6.0	S	5.38	186		20
	P,S,C,Z	9.07	110		20
	P,S	12.5	80.0		16
	P	14.7	68.3		12
90 x 90 x 2.0 x 2.5	P,C,Z	5.45	184		20
	P,C,Z	6.74	148		20

Square Hollow Sections - Various Standard Lengths



Surface Finishes

- C** - DuraGal^{Clear}
S - DuraGal^{Plus}
Z - DuraGal^{Plus} ZB135/135
P - DuraPrimed
O - Oiled

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All sections are available as C450PLUS structural tube to meet AS/NZS1163:2009 C450LO.
- C450PLUS structural tube maintains the elongation properties of C350LO, providing no loss of ductility or workability.
- Available in many coating types including DuraGal^{Plus}, DuraGal^{Plus} ZB135/135, DuraPrimed and NOPC (No Oil or Paint Coating).
- DuraGal^{Plus} hot-dip galvanized coating has a minimum average zinc mass of 100g/m².

Note: See page 21 for Rectangular Hollow Sections.

Size mm x mm x mm	Surface Finish	Mass kg/m	Metres per Tonne	Length/ Pack	
				Standard	
				8.0	12
100 x 100 x 2.0	P	6.07	165	20	20
	x 2.5	P,S	7.53	133	
	x 3.0	P,S,C	8.96	112	16
	x 4.0	P,S,C	11.6	86.0	12
	x 5.0	P,S	14.2	70.2	9
	x 6.0	P	16.7	59.7	9
	x 8.0	O	21.4	46.7	6
	x 9.0	O	23.5	42.5	6
	x 10.0	O	25.6	39.0	6
125 x 125 x 4.0	P	14.8	67.7	12	9
	x 5.0	P	18.2	55.0	9
	x 6.0	P	21.4	46.6	6
	x 8.0	O	27.7	36.1	4
	x 9.0	O	30.6	32.7	4
	x 10.0	O	33.4	29.9	4
150 x 150 x 5.0	P	22.1	45.3	9	6
	x 6.0	P	26.2	38.2	6
	x 8.0	O	33.9	29.5	4
	x 9.0	O	37.7	26.6	4
	x 10.0	O	41.3	24.2	2
200 x 200 x 5.0	O	29.9	33.4	6	4
	x 6.0	O	35.6	28.1	4
	x 8.0	O	46.5	21.5	2
	x 9.0	O	51.8	19.3	2
	x 10.0	O	57.0	17.6	2
	x 12.5	O	69.4	14.4	2
	x 16.0	O	85.5	11.7	1
250 x 250 x 6.0	O	45.0	22.2	4	2
	x 8.0	O	59.1	16.9	2
	x 9.0	O	65.9	15.2	2
	x 10.0	O	72.7	13.8	2
	x 12.5	O	89.0	11.2	1
	x 16.0	O	111	9.04	1
300 x 300 x 8.0	O	71.6	14.0		1
	x 10.0	O	88.4	11.3	1
	x 12.5	O	109	9.21	1
	x 16.0	O	136	7.36	1
300 x 300 x 8.0	O	84.2	11.9		1
	x 10.0	O	104	9.61	1
	x 12.5	O	128	7.80	1
	x 16.0	O	161	6.21	1
400 x 400 x 10.0	O	120	8.35		1
	x 12.5	O	148	6.76	1
	x 16.0	O	186	5.38	1

Rectangular Hollow Sections - Various Standard Lengths



Surface Finishes

- C** - DuraGal^{Clear}
S - DuraGal^{Plus}
Z - DuraGal^{Plus} ZB135/135
P - DuraPrimed
O - Oiled

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All sections are available as C450PLUS structural tube to meet AS/NZS1163:2009 C450LO.
- C450PLUS structural tube maintains the elongation properties of C350LO, providing no loss of ductility or workability.
- Available in many coating types including DuraGal^{Plus}, DuraGal^{Plus} ZB135/135, DuraPrimed and NOPC (No Oil or Paint Coating).
- DuraGal^{Plus} hot-dip galvanized coating has a minimum average zinc mass of 100g/m².

Note: See page 19 for Square Hollow Sections.

Size mm x mm x mm	Surface Finish	Mass kg/m	Metres per Tonne	Length/ Pack	
				Standard	
				8.0	12
50 x 20 x 1.6	P	1.63	615	96	
	P	1.99	502	96	
	P	2.42	412	72	
	P	2.83	353	72	
50 x 25 x 1.6	P,S	1.75	571	96	
	P,S	2.15	465	96	
	P,S	2.62	382	72	
	P,S	3.07	326	60	
65 x 35 x 2.0	P,S	2.93	341	54	
	P,S	3.60	278	54	
	P,S	4.25	236	45	
	P	5.35	187	45	
75 x 25 x 1.6	P,S	2.38	420	65	
	P,S	2.93	341	65	
	P,S	3.60	278	48	
75 x 50 x 1.6	P,S,C,Z	3.01	332	54	54
	P,S	3.72	269	42	42
	P,S	4.58	218	42	
	P,S	5.42	184	35	24
	P,S	6.92	145	28	24
	P,S	8.35	120	24	
	P	9.67	103	20	16
76 x 38 x 2.5	P	4.15	241	45	
	P	4.90	204	40	
	P	6.23	161	32	
100 x 50 x 1.6	P,S,C,Z	3.64	275	32	32
	P,S,C,Z	4.50	222	32	32
	P,S	5.56	180	32	24
	P,S	6.60	152	32	24
	P,S	7.53	133	24	18
	P,S	8.49	118	24	18
	P,S	10.3	96.9	18	15
	P	12.0	83.1	15	12
102 x 76 x 3.5	P	9.07	110	20	
	P	12.5	79.9	16	
	P	14.7	68.2	12	
125 x 75 x 2.0	P	6.07	165	24	
	P,S	7.53	133	24	20
	P,S	8.96	112	20	20
	P,S	11.6	86.0	15	15
	P,S	14.2	70.2	15	12
	P	16.7	59.7	12	6
127 x 51 x 3.5	P	9.07	110	21	
	P	12.5	79.9	18	
	P	14.7	68.2	14	

Rectangular Hollow Sections - Various Standard Lengths



Surface Finishes

- C** - DuraGal^{Clear}
S - DuraGal^{Plus}
Z - DuraGal^{Plus} ZB135/135
P - DuraPrimed
O - Oiled

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All sections are available as C450PLUS structural tube to meet AS/NZS1163:2009 C450LO.
- C450PLUS structural tube maintains the elongation properties of C350LO, providing no loss of ductility or workability.
- Available in many coating types including DuraGal^{Plus}, DuraGal^{Plus} ZB135/135, DuraPrimed and NOPC (No Oil or Paint Coating).
- DuraGal^{Plus} hot-dip galvanized coating has a minimum average zinc mass of 100g/m².

Note: See page 19 for Square Hollow Sections.

Size mm x mm x mm	Surface Finish	Mass kg/m	Metres per Tonne	Length/ Pack	
				Standard	
				8.0	12
150 x 50 x 2.0 x 2.5 x 3.0 x 4.0 x 5.0 x 6.0	P,S,C,Z	6.07	165	21	21
	P,S	7.53	133	24	
	P,S,C	8.96	112	21	15
	P,S	11.6	86.0	15	15
	P,S	14.2	70.2	15	9
	P	16.7	59.7	15	9
150 x 100 x 4.0 x 5.0 x 6.0 x 8.0 x 9.0 x 10.0	P	14.8	67.7	12	9
	P	18.2	55.0	12	8
	P	21.4	46.6	9	6
	O	27.7	36.1	6	4
	O	30.6	32.7	6	4
	O	33.4	29.9		4
152 x 76 x 5.0 x 6.0	O	16.4	60.7	12	12
	O	19.4	51.5	9	9
200 x 100 x 4.0 x 5.0 x 6.0 x 8.0 x 9.0 x 10.0	P	17.9	55.8	8	6
	P	22.1	45.3	8	6
	P	26.2	38.2	8	4
	O	33.9	29.5	6	4
	O	37.7	26.6	6	4
	O	41.3	24.2		2
250 x 150 x 5.0 x 6.0 x 8.0 x 9.0 x 10.0 x 12.5 x 16.0	O	29.9	33.4	6	4
	O	35.6	28.1	4	4
	O	46.5	21.5	4	2
	O	51.8	19.3	4	2
	O	57.0	17.6		2
	O	69.4	14.4		2
	O	85.5	11.7		1
300 x 200 x 6.0 x 8.0 x 10.0 x 12.5 x 16.0	O	45.0	22.2		2
	O	59.1	16.9		2
	O	72.7	13.8		2
	O	89.0	11.2		1
	O	111	9.04		1
350 x 250 x 6.0 x 8.0 x 10.0 x 12.5 x 16.0	O	54.4	18.4		2
	O	71.6	14.0		2
	O	88.4	11.3		1
	O	109	9.21		1
	O	136	7.36		1
400 x 200 x 8.0 x 10.0 x 12.5 x 16.0	O	71.6	14.0		2
	O	88.4	11.3		1
	O	109	9.21		1
	O	136	7.36		1
400 x 300 x 8.0 x 10.0 x 12.5 x 16.0	O	84.2	11.9		1
	O	104	9.61		1
	O	128	7.80		1
	O	161	6.21		1

Cattle Rail



Features:

- Steel Quality: SHS & Rail to AS 1450 (steel chemistry only) /C350/ERW
- Galvanized Coating: PreGal to AS/NZS 4792 ZB100/100, ILG TO AS/NZS 4792 ILG100

SHS - Galvanized				
Designation d x b mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
40 x 40	1.6	1.88	814	81
	2.0	2.31	640	81
50 x 50	1.6	2.38	502	64
	2.0	2.93	502	64
75 x 75	4.0	8.49	383	25
100 x 100	4.0	11.6	304	16

Rail - DuraPrimed, Galvanized & ILG				
Designation d x b mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
53 x 35	1.6	1.77	854	48
60 x 48	2.0	2.88	347	36
66 x 44	1.6	2.23	448	36
75 x 40	1.6	2.39	418	20
75 x 40	2.0	2.97	336	20
97 x 40	2.0	3.65	273	21
115 x 42	2.0	4.27	234	21
115 x 42	2.5	5.30	188	21
120 x 48	2.0	4.53	220	18

Silo Sections



Note: DuraPrimed replaces Painted.

DuraPrimed, DuraGal				
Designation d x b mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
75 x 64	2.3	4.43	230	36
	2.5	4.75	210	36
	3.0	5.56	179	36
	4.0	7.20	138	24

Features:

- Meets AS/NZS 1163 C450L0 supplied as C450PLUS as marked
- DuraGal - Section 4 AS/NZS 4792 ILG 100

Pipe - DuraPrimed - 6.5m



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- Extra Light and Light tubular sections meet AS/NZS 1163 - C350.
- Medium and Heavy tubular sections meet AS 1074 & AS/NZS 1163 - C250

Note: End Finish: Plain ends, shouldered, roll grooved, screwed BSP or swaged. (Not all end finishes available on all products)

Nominal Size (DN)	Section	Outside Diameter mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
15	Medium		2.6	1.21	830	217
20	Extra Light	26.9	2.0	1.23	814	127
	Light		2.3	1.40	717	127
	Medium		2.6	1.56	642	127
	Heavy		3.2	1.87	535	127
	Extra Heavy		4.0	2.26	443	127
25	Extra Light	33.7	2.0	1.56	640	91
	Light		2.6	1.99	501	91
	Medium		3.2	2.41	414	91
	Heavy		4.0	2.94	340	91
32	Extra Light	42.4	2.0	1.99	502	61
	Light		2.6	2.55	392	61
	Medium		3.2	3.10	322	61
	Heavy		4.0	3.80	263	61
40	Extra Light	48.3	2.3	2.61	382	61
	Light		2.9	3.25	308	61
	Medium		3.2	3.57	280	61
	Heavy		4.0	4.38	228	61
	Extra Heavy		5.4	5.71	175	61
50	Extra Light	60.3	2.3	3.29	304	37
	Light		2.9	4.11	244	37
	Medium		3.6	5.03	199	37
	Heavy		4.5	6.19	161	37
	Extra Heavy		5.4	7.31	137	37
65	Extra Light	76.1	2.3	4.19	239	37
	Light		3.2	5.75	174	37
	Medium		3.6	6.43	156	37
	Heavy		4.5	7.93	126	37
	Extra Heavy		5.9	10.2	97.9	37
80	Extra Light	88.9	2.6	5.53	181	19
	Light		3.2	6.76	148	19
	Medium		4.0	8.37	120	19
	Heavy		5.0	10.3	96.8	19
	Extra Heavy		5.9	12.1	82.8	19
90	Extra Light	101.6	2.6	6.35	158	19
	Light		3.2	7.77	129	19
	Medium		4.0	9.63	104	19
	Heavy		5.0	11.9	84.0	19
100	Extra Light	114.3	3.2	8.77	114	19
	Light		3.6	9.83	102	19
	Medium		4.5	12.2	82.2	19
	Heavy		5.4	14.5	69.1	19
125	Extra Light	139.7	3.0	10.1	98.9	13
	Light		3.5	11.8	85.1	13
	Medium		5.0	16.6	60.2	13
	Heavy		5.4	17.9	55.9	13
150	Extra Light	165.1	3.0	12.0	83.4	10
	Light		3.5	13.9	71.7	10
	Medium		5.0	19.7	50.7	10
	Heavy		5.4	21.3	47.0	10

Pipe - Galvanized - 6.5m



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- Hot dipped galvanized coating has a minimum zinc mass of 300g/m²
- Extra Light and Light tubular sections meet AS/NZS 1163 - C350.
- Medium and Heavy tubular sections meet AS 1074 & AS/NZS 1163 - C250

Note: End Finish: Plain ends, shouldered, roll grooved, screwed BSP or swaged. (Not all end finishes available on all products)

Nominal Size (DN)	Section	Outside Diameter mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
15	Medium	21.3	2.6	1.24	806	217
20	Extra Light	26.9	2.0	1.28	784	127
	Light		2.3	1.44	694	127
	Medium		2.6	1.60	623	127
	Heavy		3.2	1.92	522	127
25	Extra Light	33.7	2.0	1.62	616	91
	Light		2.6	2.05	487	91
	Medium		3.2	2.47	404	91
	Heavy		4.0	3.00	334	91
32	Extra Light	42.4	2.0	2.07	483	61
	Light		2.6	2.63	381	61
	Medium		3.2	3.18	315	61
	Heavy		4.0	3.87	258	61
40	Extra Light	48.3	2.3	2.70	369	61
	Light		2.9	3.33	300	61
	Medium		3.2	3.65	274	61
	Heavy		4.0	4.46	224	61
50	Extra Light	60.3	3.0	3.40	294	37
	Light		2.9	4.21	237	37
	Medium		3.6	5.14	195	37
	Heavy		4.5	6.30	159	37
65	Extra Light	76.1	2.3	4.33	231	37
	Light		3.2	5.89	170	37
	Medium		3.6	6.56	152	37
	Heavy		4.5	8.07	124	37
80	Extra Light	88.9	2.6	5.70	176	19
	Light		3.2	6.92	144	19
	Medium		4.0	8.53	117	19
	Heavy		5.0	10.5	95.3	19
90	Extra Light	101.6	2.6	6.53	153	19
	Light		3.2	7.95	126	19
	Medium		4.0	9.81	102	19
	Heavy		5.0	12.1	82.7	19
100	Extra Light	114.3	3.2	8.98	111	19
	Light		3.6	10.0	99.6	19
	Medium		4.5	12.4	80.8	19
	Heavy		5.4	14.7	68.1	19
125	Extra Light	139.7	3.0	10.4	6.4	13
	Light		3.5	12.0	83.2	13
	Medium		5.0	16.9	59.3	13
	Heavy		5.4	18.1	55.2	13
150	Extra Light	165.1	3.0	12.3	81.3	10
	Light		3.5	14.3	70.2	10
	Medium		5.0	20.0	49.9	10
	Heavy		5.4	21.6	46.4	10

DuraGal® CHS - Extra Light - 6.5m



Nominal Size (DN)	Outside Diameter mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
20	26.9	2.0	1.23	814	127
25	33.7	2.0	1.56	640	91
32	42.4	2.0	1.99	502	61
40	48.3	2.3	2.61	383	61
50	60.3	2.3	3.29	304	37
65	76.1	2.3	4.19	212	37

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All tubular sections are available to meet AS/NZS 1163 C350, guaranteeing strength and elongation properties
- DuraGal hot-dip galvanized coatings have a minimum zinc mass of 100g/m² externally

DuraGal
THE DIFFERENCE IS DURAGAL

DuraGal^{PLUS} CHS - Extra Light - 6.5m



Nominal Size (DN)	Outside Diameter mm	Wall Thickness mm	Mass kg/m	Metres per Tonne	Pack Size (Lns)
20	26.9	2.0	1.23	814	127
25	33.7	2.0	1.56	640	91
32	42.4	2.0	1.99	502	61
40	48.3	2.3	2.61	383	61
50	60.3	2.3	3.29	304	37

Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture

Features:

- All tubular sections are available to meet AS/NZS 1163 C350, guaranteeing strength and elongation properties
- DuraGal^{PLUS} hot-dip galvanized coatings have a minimum zinc mass of 100g/m² externally and internally.

DuraGal^{Plus}

Large Structural CHS



Typical uses:

- Engineering Construction
- Residential Construction
- Non-Residential Construction
- Mining Investment
- Transport and Storage
- Manufacturing
- Agriculture
- Pressure Pipe

Features:

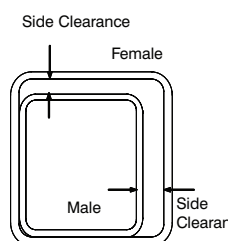
- All tubular sections are available to meet AS/NZS 1163:2009 C350LO and API5L BX42, guaranteeing strength and elongation properties

Size d _o x t (mm)	Mass kg/m	Pack Size (Lns)
168.3 x 4.8	19.4	1
x 6.4	25.6	1
x 7.1	28.2	1
219.1 x 4.8	25.4	1
x 6.4	33.6	1
x 8.2	42.6	1
273.1 x 4.8	31.8	1
x 6.4	42.1	1
x 9.3	60.5	1
x 12.7	81.6	1
323.9 x 6.4	50.1	1
x 9.5	73.7	1
x 12.7	97.5	1
355.6 x 6.4	55.1	1
x 9.5	81.1	1
x 12.7	107	1
406.4 x 6.4	63.1	1
x 9.5	93.0	1
x 12.7	123	1
457.0 x 6.4	71.1	1
x 9.5	105	1
x 12.7	139	1
508.0 x 6.4	79.2	1
x 9.5	117	1
x 12.7	155	1

Precision Tube

OneSteel Metalcentre have access to a full range of Precision Tube. To discuss your requirements and for pricing and availability please contact your local branch.

Telescoping SHS - Square Hollow Sections



Note: SHS is not a precision tube and all dimensions shown in the chart, although in accordance with the specifications, may vary marginally within the tolerance bands permitted.

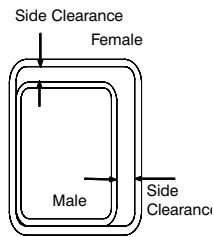
Sizes shown in bold print are sizes that provide a clearance of less than 2.0mm. The internal weld bead and variation in corner radii between sections will need to be considered when closer fits are indicated. Where telescoping over some length is desired, additional allowance may be needed for straightness. For tight fits it is suggested that some form of testing be carried out prior to committing material.

How to use this chart
See page 31.

Note: See page 32 for Circular Hollow Sections and 31 for Rectangular Hollow Sections.

Female (Outer)			Nominal Clearance		Male (Inner)	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
20	20	1.6	1.8	1.8		
25	25	1.6	1.8	1.8	20	20
25	25	2.0	1.0	1.0	20	20
25	25	2.5	0.0	0.0	20	20
30	30	1.6	1.8	1.8	25	25
30	30	2.0	1.0	1.0	25	25
35	35	1.6	1.8	1.8	30	30
35	35	2.0	1.0	1.0	30	30
35	35	2.5	0.0	0.0	30	30
35	35	3.0	4.0	4.0	25	25
40	40	1.6	1.8	1.8	35	35
40	40	2.0	1.0	1.0	35	35
40	40	2.5	0.0	0.0	35	35
40	40	3.0	4.0	4.0	30	30
40	40	4.0	2.0	2.0	30	30
50	50	1.6	6.8	6.8	40	40
50	50	2.0	6.0	6.0	40	40
50	50	2.5	5.0	5.0	40	40
50	50	3.0	4.0	4.0	40	40
50	50	4.0	2.0	2.0	40	40
50	50	5.0	0.0	0.0	40	40
65	65	1.6	11.8	11.8	50	50
65	65	2.0	11.0	11.0	50	50
65	65	2.5	10.0	10.0	50	50
65	65	3.0	9.0	9.0	50	50
65	65	4.0	7.0	7.0	50	50
65	65	5.0	5.0	5.0	50	50
65	65	6.0	3.0	3.0	50	50
75	75	2.0	6.0	6.0	65	65
75	75	2.5	5.0	5.0	65	65
75	75	3.0	4.0	4.0	65	65
75	75	3.5	3.0	3.0	65	65
75	75	4.0	2.0	2.0	65	65
75	75	5.0	0.0	0.0	65	65
75	75	6.0	13.0	13.0	50	50
89	89	3.5	7.0	7.0	75	75
89	89	5.0	4.0	4.0	75	75
89	89	6.0	2.0	2.0	75	75
90	90	2.0	11.0	11.0	75	75
90	90	2.5	10.0	10.0	75	75
100	100	2.0	7.1	7.1	89	89
100	100	2.5	6.1	6.1	89	89
100	100	3.0	5.1	5.1	89	89
100	100	4.0	3.1	3.1	89	89
100	100	5.0	1.1	1.1	89	89
100	100	6.0	13.0	13.0	75	75
100	100	9.0	7.0	7.0	75	75
125	125	4.0	17.0	17.0	100	100
125	125	5.0	15.0	15.0	100	100
125	125	6.0	13.0	13.0	100	100
125	125	9.0	7.0	7.0	100	100
150	150	5.0	15.0	15.0	125	125
150	150	6.0	13.0	13.0	125	125
150	150	9.0	7.0	7.0	125	125
200	200	5.0	40.0	40.0	150	150
200	200	6.0	38.0	38.0	150	150
200	200	9.0	32.0	32.0	150	150
250	250	6.0	38.0	38.0	200	200
250	250	9.0	32.0	32.0	200	200

Telescoping RHS - Rectangular Hollow Sections



Note: RHS is not a precision tube and all dimensions shown in the chart, although in accordance with the specifications, may vary marginally within the tolerance bands permitted.

Sizes shown in bold print are sizes that provide a clearance of less than 2.0mm. The internal weld bead and variation in corner radii between sections will need to be considered when closer fits are indicated. Where telescoping over some length is desired, additional allowance may be needed for straightness. For tight fits it is suggested that some form of testing be carried out prior to committing material.

Note: See page 36 for Circular Hollow Sections and 34 for Square Hollow Sections.

Female (Outer)			Nominal Clearance		Male (Inner)	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
50	20	1.6	No section available			
50	20	2.0				
50	20	2.5	No section available			
50	20	3.0				
50	25	1.6	No section available			
50	25	2.0				
50	25	2.5	No section available			
50	25	3.0				
65	35	2.0	11.0	6.0	50	25
65	35	2.5	10.0	5.0	50	25
65	35	3.0	9.0	4.0	50	25
65	35	4.0	7.0	2.0	50	25
75	25	1.6	21.8	1.8	50	20
75	25	2.0	21.0	1.0	50	20
75	25	2.5	20.0	0.0	50	20
75	50	1.6	6.8	11.8	65	35
75	50	2.0	6.0	11.0	65	35
75	50	2.5	5.0	10.0	65	35
75	50	3.0	4.0	9.0	65	35
75	50	4.0	2.0	7.0	65	35
75	50	5.0	0.0	5.0	65	35
75	50	6.0	13.0	13.0	50	25
100	50	1.6	20.8	20.8	76	38
100	50	2.0	20.0	20.0	76	38
100	50	2.5	19.0	19.0	76	38
100	50	3.0	18.0	18.0	76	38
100	50	3.5	17.0	17.0	76	38
100	50	4.0	16.0	16.0	76	38
100	50	5.0	14.0	14.0	76	38
100	50	6.0	12.0	12.0	76	38
125	75	2.0	21.0	21.0	100	50
125	75	2.5	20.0	20.0	100	50
125	75	3.0	19.0	19.0	100	50
125	75	4.0	17.0	17.0	100	50
125	75	5.0	15.0	15.0	100	50
125	75	6.0	13.0	13.0	100	50
150	100	4.0	15.0	15.0	127	51
150	100	5.0	13.0	13.0	127	51
150	100	6.0	11.0	11.0	127	51
150	100	9.0	5.0	5.0	127	51
200	100	4.0	40.0	40.0	152	76
200	100	5.0	38.0	38.0	152	76
200	100	6.0	36.0	36.0	152	76
200	100	9.0	30.0	30.0	152	76
250	150	5.0	40.0	40.0	200	100
250	150	6.0	38.0	38.0	200	100
250	150	9.0	32.0	32.0	200	100

How to use this chart

1. Select the appropriate table for the type of hollow section required. Select the size of female (or outside) member closest to your requirements for the left hand column.
2. Depending on the application select the clearance required between the two members. Members may need to slide freely inside each other, or be locked with a pin, spot welded or fixed with wedges. This means, in some cases, a 'sloppy' fit may be suitable, while for others the tightest fit possible may be more appropriate.
3. Having selected the most suitable clearance for your application, take the appropriate size of the male (inner) section from the right hand column, eg:

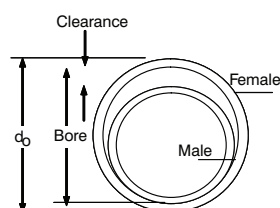
Female Section (outer)	Clearance mm	Male Section (inner)
75 x 75 x 3.0	4.0x4.0	65 x 65

Note that clearance is total available difference between member dimensions, not the gap on both sides.

4. Where two telescoping sections are being used, thickness should be similar and will be determined by normal structural requirements. If a third section is to be used, consideration of both clearance and thickness within the size list available may be required.
5. RHS has the obvious advantage that its shape prevents rotation of the sections. When pipe is used it may need to be fixed against twisting by welding or bolting.
6. Press Fit. For short pieces with no need for separation or sliding an interference fit can be achieved using the available ductility of the steel.

Note: Sizes where clearance is shown as 0.0 will generally require press fit.

Telescoping CHS - Circular Hollow Sections



Note: Clearance = (AS/NZS 1163 Min $d_o - 2t$) - (AS/NZS 1163 Max d_i).

NOTE: CHS is not a precision tube and all dimensions shown in the chart, although in accordance with the specifications, may vary marginally within the tolerance bands permitted.

Sizes shown in bold print are sizes that provide a clearance of less than 2.0mm. The internal weld bead and variation in corner radii between sections will need to be considered when closer fits are indicated. Where telescoping over some length is desired, additional allowance may be needed for straightness. For tight fits it is suggested that some form of testing be carried out prior to committing material.

How to use this chart

1. Select the size of female (or outside) member closest to your requirements for the left hand column.
2. Depending on the application select the clearance required between the two members. Members may need to slide freely inside each other, or be locked with a pin, spot welded or fixed with wedges. This means, in some cases, a 'sloppy' fit may be suitable, while for others the tightest fit possible may be more appropriate. (See Note 6 Press Fit).
3. Having selected the most suitable clearance for your application, take the appropriate size of the male (inner) section from the right hand column, eg:

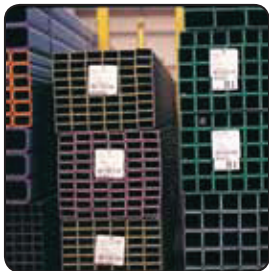
Female Section (outer)	Male Section (inner)	Clearance mm
76.1 x 5.9	60.3	2.6

Female (Outer)			Male (Inner)		
DN	Quality	d_o mm x t mm	DN	d_i mm	Min. Clearance mm
20	Extra Light	26.9 x 2.0	15	21.3	0.4
25	Extra Light	33.7 x 2.0	20	26.9	1.6
	Light	x 2.6	20	26.9	0.4
	Medium	x 3.2	15	21.3	4.8
	Heavy	x 4.0	15	21.3	3.2
32	Extra Light	42.4 x 2.0	25	33.7	3.5
	Light	x 2.6	25	33.7	2.3
	Medium	x 3.2	25	33.7	1.1
	Heavy	x 4.0	20	26.9	6.3
40	Extra Light	48.3 x 2.3	32	42.4	0.1
	Light	x 2.9	25	33.7	7.6
	Medium	x 3.2	25	33.7	7.0
	Heavy	x 4.0	25	33.7	5.4
	Extra Heavy	x 5.4	25	33.7	2.6
50	Extra Light	60.3 x 2.3	40	48.3	6.4
	Light	x 2.9	40	48.3	5.2
	Medium	x 3.6	40	48.3	3.8
	Heavy	x 4.5	40	48.3	2.0
	Extra Heavy	x 5.4	40	48.3	0.2
65	Extra Light	76.1 x 2.3	50	60.3	9.8
	Galtube® Plus	x 2.6	50	60.3	9.2
	Light	x 3.2	50	60.3	8.0
	Medium	x 3.6	50	60.3	7.2
	Heavy	x 4.5	50	60.3	5.4
80	Extra Heavy	x 5.4	50	60.3	2.6
	Extra Light	88.9 x 2.6	65	76.1	6.0
	Light	x 3.2	65	76.1	4.8
	Medium	x 4.0	65	76.1	3.2
	Heavy	x 5.0	65	76.1	1.2
90	Extra Heavy	x 5.9	50	60.3	15.3
	Extra Light	101.6 x 2.6	80	88.9	5.6
	Light	x 3.2	80	88.9	4.4
	Medium	x 4.0	80	88.9	2.8
	Heavy	x 5.0	80	88.9	0.8
100	Extra Light	114.3 x 3.2	90	101.6	4.1
	Light	x 3.6	90	101.6	3.3
	Medium	x 4.5	90	101.6	1.5
	Heavy	x 5.4	80	88.9	12.6
125	Extra Light	139.7 x 3.0	100	114.3	16.9
	Light	x 3.5	100	114.3	15.9
	Medium	x 5.0	100	114.3	12.9
	Heavy	x 5.4	100	114.3	12.1
150	Light	165.1 x 3.0	125	139.7	15.4
	Medium	x 5.0	125	139.7	12.4
	Heavy	x 5.4	125	139.7	11.6

Note that clearance is total available difference between member dimensions, not the gap on both sides.

4. Where two telescoping sections are being used, thickness should be similar and will be determined by normal structural requirements. If a third section is to be used, consideration of both clearance and thickness within the size list available may be required.
5. Pipe may need to be fixed against twisting by welding or bolting.
6. Press Fit. For short pieces with no need for separation or sliding an interference fit can be achieved using the available ductility of the steel.

SHS & RHS - End Colour Code



Note: Meets AS/NZS 4496:1997 (Recommended practice for the colour coding of steel products).

Colour	Wall Thickness	
	mm	inch
Purple	1.6	0.063
Chocolate Brown	1.8	0.072
Yellow	2.0	0.080
Silver	2.3	0.091
Pink	2.5	0.098
Gold	2.8	0.110
Dark Blue	3.0	0.118
Grey	3.5	0.138
Green	4.0	0.160
Orange	5.0	0.197
White	6.0	0.236
Pink	7.0	0.276
Red	8.0	0.315
Purple	9.0	0.354

Pipe - End Colour Code



Colour	Gauge
Green end	Extra light (XL)
Yellow end	Light (L)
Blue end	Medium (M)
Red end	Heavy (H)
Cream end	Extra heavy (XH)

Note: Meets AS/NZS 4496:1997 (Recommended practice for the colour coding of steel products).

Plate - Grade 250



Typical uses:

- General fabrication
- Structural members
- High-rise buildings
- Bridges
- Storage tanks

Features:

- Meets AS/NZ 3678:2011. (Structural Steel, Hot Rolled Floor Plates & slabs).
- A medium strength structural steel plate product with nominal yield strength of 250 MPa

Notes: Most products are available in approximately 1200 x 2400 mm lengths.

Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
5	39.25	2400	9.0	94.20
		3000	9.0	117.75
6	47.10	2400	6.0	113.04
		2400	9.0	113.04
		3000	9.0	141.30
		3200	12	150.72
8	62.80	1800	6.0	113.04
		2400	6.0	150.72
		2400	9.0	150.72
		3000	9.0	188.40
		3200	12	200.96
10	78.50	1800	6.0	141.30
		2400	6.0	188.40
		2400	9.0	188.40
		3000	9.0	235.50
12	94.20	3200	12	251.20
		1800	6.0	169.56
		2400	6.0	226.08
		2400	9.0	226.08
		3000	6.0	282.60
		3000	9.0	282.60
16	125.60	3200	12	301.44
		1800	6.0	226.08
		2400	6.0	301.44
		2400	9.0	301.44
		3000	6.0	376.80
		3000	9.0	376.80
20	157.00	3200	12	401.92
		1800	6.0	282.60
		2400	6.0	376.80
		2400	9.0	376.80
		3000	9.0	471.00
25	196.25	3200	12	502.40
		1800	6.0	353.25
		2400	6.0	471.00
		2400	9.0	471.00
		3000	9.0	588.75
28	219.80	3200	12	628.00
		1800	6.0	527.52
32	251.20	2400	6.0	527.52
		2400	9.0	602.88
		2400	6.0	602.88
36	282.60	2400	9.0	678.24
		2400	6.0	678.24
40	314.00	1800	6.0	565.20
		2400	6.0	753.60
		2400	9.0	753.60
45	353.25	2400	6.0	847.80
		2400	9.0	847.80
50	392.50	1800	6.0	706.50
		2400	6.0	942.00
		2400	9.0	942.00

Plate - Grade 250



Typical uses:

- General fabrication
- Structural members
- High-rise buildings
- Bridges
- Storage tanks

Features:

- Meets AS/NZ 3678:2011. (Structural Steel, Hot Rolled Floor Plates & slabs).
- A medium strength structural steel plate product with nominal yield strength of 250 MPa

Notes: Most products are available in approximately 1200 x 2400 mm lengths.

Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
55	431.75	2400	6.0	1036.20
		2400	8.4	1036.20
60	471.00	1800	6.0	847.80
		2400	6.4	1130.40
70	549.50	1800	6.0	989.10
		2400	6.0	1318.80
80	628.00	1800	6.0	1130.40
		2400	6.0	1507.20
90	706.50	1800	6.0	1695.60
100	785.00	1800	5.6	1413.00
		2400	5.2	1884.00
110	863.50	1800	5.0	1554.30
		2400	4.0	2072.40
120	942.00	1800	4.6	1695.60
		2400	3.1	2260.80
130	1021.0	1800	4.2	1837.80
		2400	3.1	2450.40
140	1099.0	1800	3.9	1978.20
		2400	2.9	2637.60
150	1177.5	1800	3.6	2119.50
		2400	2.7	2826.00

Plate - Grade 350



Typical uses:

- General fabrication
- Structural members
- High-rise buildings
- Bridges
- Storage tanks

Features:

- Meets AS/NZ 3678:2011. (Structural Steel, Hot Rolled Floor Plates & slabs).
- A medium strength structural steel plate product with nominal yield strength of 250 MPa

Notes: Most products are available in approximately 1200 x 2400 mm lengths.

Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
5	39.25	2400	9.0	94.20
		3000	9.0	117.75
6	47.10	2400	9.6	113.04
8	62.80	2400	9.6	150.72
10	78.50	2400	9.6	188.40
		3100	9.6	243.35
12	94.20	2400	9.6	226.08
		3100	9.6	292.02
16	125.60	2400	9.6	301.44
		3100	9.6	389.36
20	157.00	2400	9.6	376.80
		3100	9.6	486.70
25	196.25	2400	9.6	471.00
32	251.20	2400	9.6	602.88
40	314.00	2400	7.6	753.60
50	392.50	2400	7.6	942.00
60	471.00	2400	7.6	1130.40
70	549.50	2400	6.0	1318.80
80	628.00	2400	5.5	1507.20
90	706.5	2400	6.3	1695.6
		2400	3.15	1695.6
100		2100	6.5	1648.5
		2100	3.25	1648.5

Plate - Grade K1042



Typical uses:

- General engineering parts
- Profile cut gears
- Wear/abrasion applications

Features:

- Meets AS/NZS 3678: 2011 - K1042
- A heat treatable plate grade for general engineering applications

Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
12	94.20	2400	6.0	226.08
16	125.60	2400	6.2	301.44
20	157.00	2400	6.0	376.80
25	196.25	2400	6.0	471.00
32	251.20	2400	6.3	602.88
40	314.00	2400	7.6	753.60
50	392.50	2400	6.0	942.00
60	471.00	2400	6.0	1130.40
70	549.50	2400	5.8	1318.80
80	628.00	2400	5.0	1507.20

Plate - Boiler (AS 1548-7 460 NR)



Typical uses:

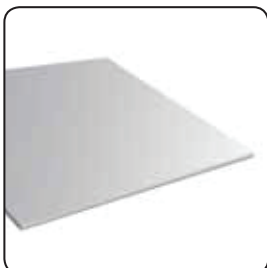
- Boiler
- Pressure Vessel

Features:

- Meets AS 1548:2008 (Fine grained, weldable steel plates for pressure equipment)
- A fully killed, fine grained, carbon-manganese steel with a guaranteed minimum tensile strength of 430 MPa

Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
6	47.10	3100	9.6	146.01
8	62.80	3100	9.6	194.68
10	78.50	3100	9.6	243.35
12	94.20	3100	9.6	292.02
16	125.60	3100	9.6	389.36
20	157.00	3100	9.6	486.70
25	196.25	3100	9.6	608.38
32	251.20	3100	9.6	778.72
40	314.00	2400	9.6	753.60
50	392.50	2400	7.6	942.00
60	471.00	2400	6.0	1130.40
70	549.50	2400	6.0	1318.80
80	628.00	2400	5.2	1507.20
90	706.50	2400	5.2	1695.60
100	785.00	2400	5.2	1884.00

Plate - Pressure Vessel



Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
5	39.25	2400	9.0	94.20

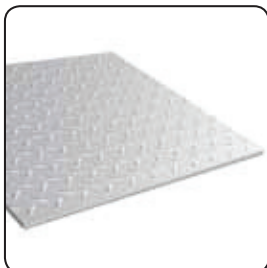
Typical uses:

- Boiler
- Pressure Vessel

Features:

- Meets AS 1548:2008 (Fine grained, weldable steel plates for pressure equipment)
- A fully killed, fine grained, carbon-manganese steel with a guaranteed minimum tensile strength of 430 MPa

Plate - Floor (AS/NZS 3678 - 250)



Thickness mm	Mass kg/m	Width mm	Length m	kg/lineal metre of plate width
6	49.10	1800	6.0	88.38
8	64.80	1800	6.0	116.64
10	80.50	1800	6.0	144.90
12	96.20	1800	6.0	173.16

Typical uses:

- Floorplate

Features:

- Meets AS/NZS 3678: 2011 - 250
- Hot rolled structural product with minimum yield strength of 250MPa; good ductility and good weldability

Plate - Coil



Thickness mm	Mass kg/m ²	Width mm	
		910-1550	1765-1800
3	23.55	Typically 1200 mm or 1500 mm wide.	Typically 1800mm wide.
4	31.40		
5	39.25		
6	47.10		
8	62.80		
10	78.50	These coils supplied as mill widths.	n/a
12	94.20		n/a

Typical uses:

- Structural Members
- Roll forming applications
- Brake press forming applications
- General fabrication

Features:

- Meets AS/NZS 1594: 2002 - HA250 (Flat rolled steel products)
- Hot rolled structural product with minimum yield strength of 250MPa; good ductility and good weldability

Plate - Coil Floor



Notes: Most products are available in approximately 1200 x 2400 mm lengths. *2.1mm Thickness Floorplate is considered 1210mm in width. The above sizes of floor plate coils may weigh approximately 14 tonnes each.

Thickness mm	Mass kg/m	Width mm	kg/lineal metre of plate width
2.1*	18.54	1200	22.24
3.0	25.55	1200	30.66
5.0	41.25	1200	49.50
		1500	61.88
6.0	49.10	1200	58.92
		1500	73.65
		1800	88.38
8.0	64.80	1500	97.20

Typical uses:

- Floorplate

Features:

- Meets AS/NZS 1594: 2002 - HA250 (Flat rolled steel products)
- Hot rolled structural product with minimum yield strength of 250MPa; good ductility and good weldability

Plate - Quench & Tempered

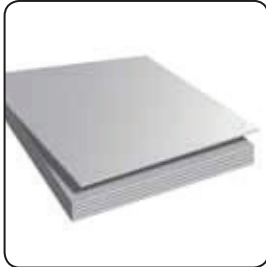


Typical uses:

- Lining equipment
- Transport equipment
- Mining equipment
- Excavator buckets
- Bridges
- Dump truck wear liners
- Deflector plates
- Earthmoving buckets

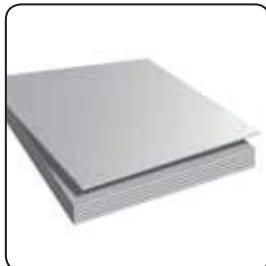
Thickness mm	Mass kg/m	Bisalloy 80	Bisalloy 400	Bisalloy 450	Bisalloy 500	Bisalloy 600
		Tensile Strength: Typical - 830 MPa	Tensile Strength: Typical - 1320 MPa	Tensile Strength: Typical - 1400 MPa	Tensile Strength: Typical - 1640 MPa	Tensile Strength: -
5	39.25	1525 x 8000	1525 x 8000			
6	47.10	1525 x 8000	1525 x 8000			
		2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
8	62.80	2485 x 8000	2485 x 8000	2485 x 8000		2485 x 8000
10	78.50	2485 x 8000	2485 x 8000	2485 x 8000		2485 x 8000
		3100 x 8000	3100 x 8000	3100 x 8000		
12	94.20	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
		3100 x 8000	3100 x 8000	3100 x 8000		
16	125.60	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
		3100 x 8000	3100 x 8000	3100 x 8000		
20	157.00	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
		3100 x 8000	3100 x 8000	3100 x 8300		
25	196.25	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
		3100 x 8000	3100 x 8000	3100 x 8800		
32	251.20	2485 x 8000	2485 x 8000	2485 x 8500	2485 x 8000	2485 x 8000
40	314.00	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
50	392.50	2485 x 8000	2485 x 8000	2485 x 8000		
60	471.00	2485 x 6000	2485 x 8000			
70		1900 x 6000	1900 x 6000		1900 x 6000	
75		1900 x 6000	1900 x 6000		1525 x 6000	
80		1900 x 6000	1900 x 6000		1525 x 6000	
90		1525 x 6000	1525 x 6000		1525 x 6000	
100		1525 x 6000	1525 x 6000		1525 x 6000	

Plate - International Standards Comparison



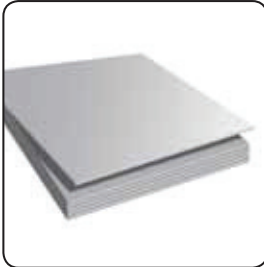
Tensile Strength MPa	Australian AS 3678	European EN10025	British BS 4360	German DIN17100	Japanese JIS	American ASTM	International ISO630
290				St33			
300	200						
310						A283A	Fe310-0
330					G3101-SS330		
360		S235JR	40A, B, C, D	St37-2 St37-3		A283B	Fe360A B, C, D
380						A283C	
400					G3101-SS400 G316-SM400 A, B, C	A36, A573-400	
410	250 250L15	S275JR S275J0 S275J2G3 S275J2G4			St44-2 St44-3	A283D A284C, D A529 A572-290	
430	300 300L15	Fe430B C, D1, D2	43A, B, C, D			A633A	Fe430A B, C, D
450	350 350L15					A573-450 A572-345	
480	400 400L15	S355JR S355JD S355J2G3				A572-485	
490			50A, B, C, D	S152-3	G3101-SS490 G3106-SM490 A, B, C G3106-SM490 YA, YB		Fe510 B, C, D
520	450 450L15				G3106-SM520 B, C	A572-415	Fe510 B, C, D
540					G3101-SS540		

Plate - Boiler - International Standards Comparison



Tensile Strength MPa	Australian AS 3678	European EN10025	British BS 4360	German DIN17100	Japanese JIS	American ASTM	International ISO630
310						A285-A	
340						A285-B	
360		2-P235GH	151-360 161-360 164-360	H1			P235
380						A285-C A442-55 A515-55 A516-55	
390		3-P275N					
400			151-400 161-400 164-400 224-400	H11	G3103-SB410 G3115-SPV235 G3118-SGV410 G3126-SLA235	A682-A	P265
410		2P265GH			G3118-SGV410		P265
415						A515-65 A518-60	
430	7-430						
440					G3126-SLA325		
450					G3118-SB450 G3118-SGC450	A515-65 A516-65	
460	7-460	2P295GH				A662-B	P290
480					G3103-SB480 G3118-SGC480		
490	7-490		224-490	19Mn6	G3115-SPV3115	A515-70 A516-70 A841	P315
490	5-490	3-P355GH			G3126-SLA360	A537-C11 A737-B A841	P315
510		2-P355GH					P355
520					G3115-SPV355	A299 A455 A738-A	

Sheet - Hot Rolled Formable HA1S Steel



Base Metal Thickness mm	Width mm	kg/m ²
1.50	1200	11.77
1.50	1210	11.77
1.60	910	12.56
1.60	1195	12.56
1.60	1200	12.56
1.60	1210	12.56
1.95	900	15.30
1.95	1195	15.30
1.95	1200	15.30
1.95	1210	15.30
2.40	1200	18.84
2.50	1195	19.63
2.50	1210	19.63
2.50	1495	19.63
2.50	1510	19.63
2.90	1210	22.77
2.90	1500	22.77
2.95	1200	23.16
2.95	1500	23.16
2.95	1800	23.16
3.00	895	23.55
3.00	1195	23.55
3.00	1210	23.55
3.00	1495	23.55
3.00	1510	23.55
3.00	1800	23.55

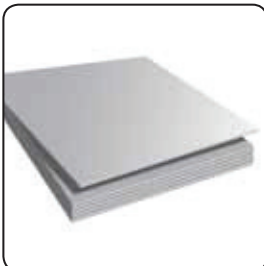
Typical uses:

- Shelving
- Light structural members
- Tanks

Features:

- Meets AS/NZS 1594: 2002 (Flat rolled steel products) and AS/NZS 1365: 1996 (Tolerances for flat rolled steel products)
- Skin-passed, Hot-rolled low carbon steel suitable for simple forming, bending and welding operations.

Sheet - Hot Rolled Formable Brightform® Steel



Base Metal Thickness mm	Width mm	kg/m ²
1.60	910	12.56
1.60	1210	12.56
1.60	1510	12.56
2.00	910	15.70
2.00	1210	15.70
2.00	1510	15.70
2.50	1210	19.63
2.95	1210	23.16
3.00	910	23.55
3.00	1210	23.55

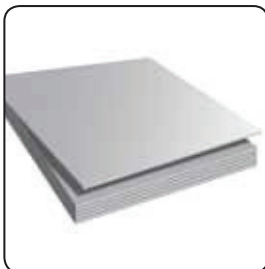
Typical uses:

- Tubing
- Shelving
- Simple pressings
- Hidden appliance panels

Features:

- Meets AS/NZS 1365: 1996 (Tolerances for flat rolled steel products)
- Pickled, skin-passed low carbon steel with a good surface, suitable for bending and moderate drawing and pressing.

Sheet - Hot Rolled Pickled HA3-P LY-TEN®



Base Metal Thickness mm	Width mm	kg/m ²
1.60	1210	12.56
2.00	910	15.70
2.00	1210	15.70
2.50	1210	19.63
3.00	1210	23.55
4.00	1210	31.40
5.00	1210	39.25
6.00	1210	47.10

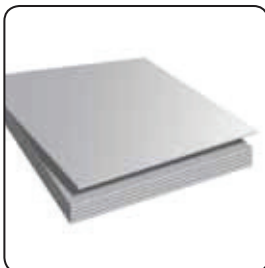
Typical uses:

- Agricultural machinery
- Automotive components
- Sealed unit housings
- Mower parts
- Brackets
- Furniture

Features:

- Meets joint AS/NZS 1594: 2002 (Flat rolled steel products) and AS/NZS 1365: 1996 (Tolerances for flat rolled steel products)
- Hot rolled, formable steel suitable when pickled for medium drawing and heavy pressing operations.

Sheet - Cold Rolled CA3SN-G



Base Metal Thickness mm	Width mm	kg/m ²
0.60	1220	4.71
0.80	1220	6.28
1.00	1220	7.85
1.20	1220	9.42
1.50	1220	11.78
1.60	1220	12.56
2.00	1220	15.70
2.50	1220	19.63
3.00	1220	23.55

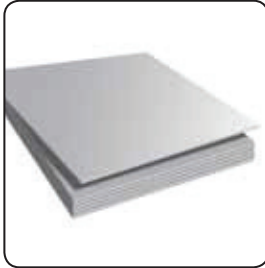
Typical uses:

- Unexposed drawn parts for automotive and appliance end uses.

Features:

- Meets AS/NZS 1595: 1998 (Cold-rolled, unalloyed, steel sheet and strip)
- Cold rolled, skin-passed deep drawing steel guaranteed non-ageing and free from stretcher stain with a general purpose surface.

Sheet - Galvabond® G2 Z275



Typical uses:

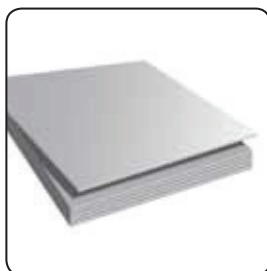
- Tube
- Airconditioning ducts,
- Airconditioning panels,
- Meter boxes
- Trailers
- Partitioning systems
- Cable trays
- Scaffolding planks
- Rendering mesh
- Feeder troughs

Features:

- Meets AS/NZS 1365: 1996 (Tolerances for flat rolled steel products) and AS 1397: 2011 (Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc and zinc alloyed with aluminium and magnesium)
- Galvabond G2 steel is a hot-dipped zinc-coated commercial forming steel with a spangled surface, suitable for general manufacturing. Product is suitable for moderate drawing applications and is suitable for lockseaming up to 1.6mm thick.

Base Metal Thickness mm	Width mm	kg/m ²
0.40	915	3.43
0.40	1220	3.43
0.45	915	3.82
0.50	1220	4.22
0.55	915	4.61
0.55	1200	4.61
0.55	1220	4.61
0.55	1500	4.61
0.60	1525	5.00
0.70	1220	5.79
0.75	915	6.18
0.75	1200	6.18
0.75	1220	6.18
0.75	1500	6.18
0.80	1525	6.57
0.90	915	7.36
0.90	1220	7.36
0.95	1200	7.75
0.95	1220	7.75
0.95	1500	7.75
1.00	1220	8.14
1.00	1525	8.14
1.10	915	8.92
1.10	1220	8.92
1.15	915	9.32
1.15	1200	9.32
1.15	1220	9.32
1.15	1500	9.32
1.20	1525	9.71
1.50	915	12.07
1.50	1220	12.07
1.50	1500	12.07
1.55	1200	12.46
1.55	1220	12.46
1.55	1500	12.46
1.60	1525	12.85
1.90	1220	15.21
1.95	1200	15.59
1.95	1220	15.59
2.40	1220	19.13
2.45	1200	19.52
2.90	1220	23.06

Sheet - Galvaskin® G2 Z200



Typical uses:

- Internal sections
- Shelving

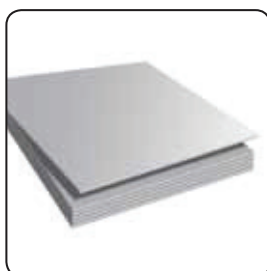
Features:

- Meets AS/NZS 1365: 1996 (Tolerances for flat rolled steel products) and AS 1397: 2011 (Continuous hot-dip metallic coated steel sheet and strip
- Coatings of zinc and zinc alloyed with aluminium and magnesium)
- Galvaskin G2 Steel is a hot-dipped, zinc coated commercial forming steel with

a spangled surface, suitable for general purpose forming, and because of its light coating mass is suggested for internal applications only. Guaranteed for lock-forming up to a base thickness of 1.60mm

Base Metal Thickness mm	Width mm	kg/m ²
0.40	915	3.36
0.40	1220	3.36
0.45	915	3.75
0.50	1220	4.15
0.55	915	4.54
0.55	1200	4.54
0.55	1220	4.54
0.55	1500	4.54
0.60	1525	4.93
0.70	1220	5.72
0.75	915	6.11
0.75	1200	6.11
0.75	1220	6.11
0.75	1500	6.11
0.80	1525	6.50
0.90	915	7.29
0.90	1220	7.29
0.95	1200	7.68
0.95	1220	7.68
0.95	1500	7.68
1.00	1220	8.07
1.00	1525	8.07

Sheet - Zincanneal® G2S ZF100



Typical uses:

- Exposed painted panels
- Non-exposed automotive panels
- Washing machines
- Acoustic ceiling tiles
- Door frames
- Switchboards
- Commercial fridges & freezers

Features:

- Meets AS/NZS 1365: 1996 (Tolerances for flat rolled steel products) and AS 1397: 2011 (Continuous hot-dip metallic coated steel sheet and strip
- Coatings of zinc and zinc alloyed with aluminium and magnesium)
- Zincanneal G2S is a matte

hot-dipped zinc/iron alloy-coated commercial forming steel with a skin-passed smooth surface suitable for direct-on painting. Some powdering of the coating may occur with severe deformation.

Base Metal Thickness mm	Width mm	kg/m ²
0.50	1220	4.06
0.55	1220	4.45
0.70	1220	5.63
0.75	1220	6.02
0.80	1200	6.41
0.90	915	7.19
0.90	1220	7.19
0.95	1200	7.59
0.95	1220	7.59
1.00	1200	7.98
1.10	1050	8.77
1.10	1200	8.77
1.10	1220	8.77
1.15	1200	9.16
1.15	1220	9.16
1.20	1200	9.55
1.40	1220	11.12
1.50	915	11.91
1.50	1200	11.91
1.50	1220	11.91
1.55	1200	12.29
1.60	1200	12.69
1.90	1220	15.05
1.95	1200	15.44

Sheet - Zincalume® G300 ZF100

Zincalume®



Base Metal Thickness mm	Width mm	kg/m ²
0.40	1200	3.31
0.55	1200	4.49
0.55	900	4.49
0.75	1200	6.06
1.00	900	8.02
1.00	1200	8.02
1.20	900	9.59
1.20	1200	9.59

Typical uses:

- Rainwater goods
- Gutters
- Garden sheds

Features:

- Meets AS/NZS 1365: 1996 (Tolerances for flat rolled steel products) and AS 1397: 2011 (Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc and zinc alloyed with aluminium and magnesium)
- Zincalume G300 steel is a hot-dipped zinc/aluminium alloy-coated structural steel with a regular spangle surface and a guaranteed minimum yield strength of 300MPa with good ductility. Suitable for roll forming to a minimum internal diameter of 1t.

Sheet - Colorbond® CG300 AZF150

Colorbond®



Typical uses:

- Roofing & accessories
- Wall cladding
- Rainwater goods.

Features:

Colorbond prepainted steel is specifically designed by BlueScope Steel to provide a high durability, premier cladding and roofing material for general use.

Size mm x mm x mm	Colours	Mass sheets/tonne
1200 x 2400 x 0.55	Headland®	76
	Manor Red®	
	Jasper®	
	Sandbank®	
	Classic Cream™	
	Surfmist®	
	Paperbark®	
	Dune®	
	Shale Grey™	
	Windspray®	
	Woodland Grey®	
	Bushland®	
	Pale Eucalypt®	
	Wilderness®	
	Cottage Green®	
	Monument™	
	Deep Ocean®	
	Ironstone®	
	Evening Haze®	
	Loft®	
1200 x 2400 x 0.55	Surfmist®	76
x 3050 x 0.55		60
x 3660 x 0.55		51
x 2440 x 0.55	Appliance	76
x 1800 x 0.55	Sign White	100
x 2400 x 0.55		75
x 2400 x 0.80		63
x 3000 x 0.80		43

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