SOUTHERN
First for Steel

STEEL REFERENCE GUIDE

September 2026 Revision 10

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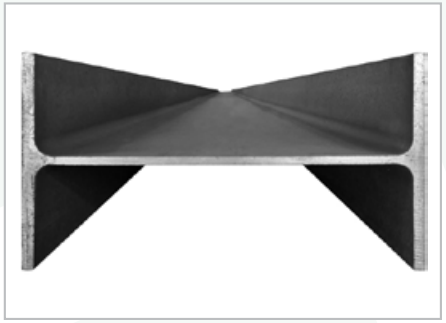
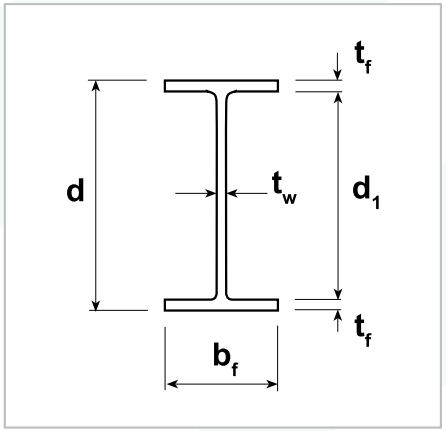
STRUCTURAL STEEL
REFERENCE GUIDE: UNIVERSAL BEAMS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth of Section d	Width of Flange b_f	Thickness of Flange t_f	Web Thickness t_w	Depth between Flanges d_1
	kg/m	mm	mm	mm	mm	mm
610UB	125.0	612	229	19.6	11.9	572
	113.0	607	228	17.3	11.2	572
	101.0	602	228	14.8	10.6	572
530UB	92.4	533	209	15.6	10.2	502
	82.0	528	209	13.2	9.6	502
460UB	82.1	460	191	16.0	9.9	428
	74.6	457	190	14.5	9.1	428
	67.1	454	190	12.7	8.5	428
410UB	59.7	406	178	12.8	7.8	381
	53.7	403	178	10.9	7.6	381
360UB	56.7	359	172	13.0	8.0	333
	50.7	356	171	11.5	7.3	333
	44.7	352	171	9.7	6.9	333
310UB	46.2	307	166	11.8	6.7	284
	40.4	304	165	10.2	6.1	284
	32.0	298	149	8.0	5.5	282
250UB	37.3	256	146	10.9	6.4	234
	31.4	252	146	8.6	6.1	234
	25.7	248	124	8.0	5.0	232
200UB	29.8	207	134	9.6	6.3	188
	25.4	203	133	7.8	5.8	188
	22.3	202	133	7.0	5.0	188
	18.2	198	99	7.0	4.5	184
180UB	22.2	179	90	10.0	6.0	159
	18.1	175	90	8.0	5.0	159
	16.1	173	90	7.0	4.5	159
150UB	18.0	155	75	9.5	6.0	136
	14.0	150	75	7.0	5.0	136





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Non-standard lengths or cut to size on request.*
- *Typical Whyalla bundle size 4t to 5t.*

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A Southern Steel Group Company

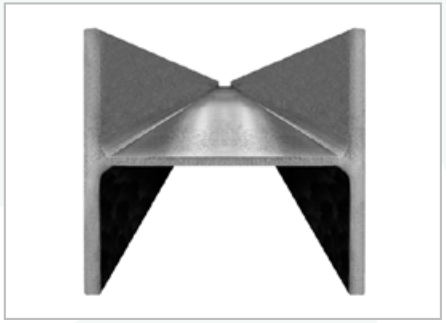
STRUCTURAL STEEL

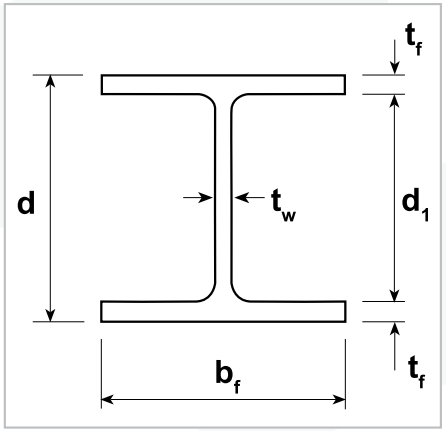
REFERENCE GUIDE: UNIVERSAL COLUMNS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth of Section d	Width of Flange b_f	Thickness of Flange t_f	Web Thickness t_w	Depth between Flanges d_1
	kg/m	mm	mm	mm	mm	mm
310UC	158.0	327	311	25.0	15.7	227
	137.0	321	309	21.7	13.8	227
	118.0	315	307	18.7	11.9	227
	96.8	308	305	15.4	9.9	227
250UC	89.5	260	256	17.3	10.5	225
	72.9	254	254	14.2	8.6	225
200UC	59.5	210	205	14.2	9.3	181
	52.2	206	204	12.5	8.0	181
	46.2	203	203	11.0	7.3	181
150UC	37.2	162	154	11.5	8.1	139
	30.0	158	153	9.4	6.6	139
	23.4	152	152	6.8	6.1	139
100UC	14.8	97	99	7.0	5.0	83





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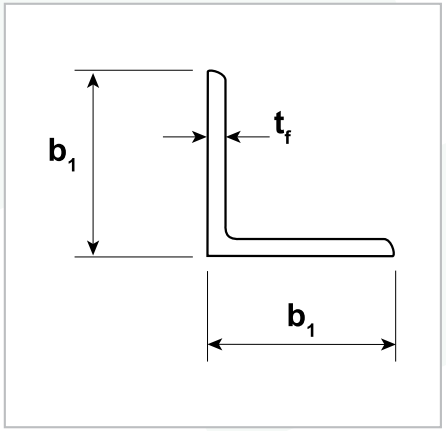
A Southern Steel Group Company

STRUCTURAL STEEL
REFERENCE GUIDE: EQUAL ANGLES

SOUTHERN First for Steel
Southern Steel Cash & Carry

Product Description	Weight	Side A b_1	Side B b_1	Thickness of Flange t_f
	kg/m	mm	mm	mm
200x200x26	76.8	200	200	26.0
200x200x20	60.1	200	200	20.0
200x200x18	54.4	200	200	18.0
200x200x16	48.7	200	200	16.0
200x200x13	40.0	200	200	13.0
150x150x19	42.1	150	150	19.0
150x150x16	35.4	150	150	16.0
150x150x12	27.3	150	150	12.0
150x150x10	21.9	150	150	10.0
125x125x16	29.1	125	125	16.0
125x125x12	22.5	125	125	12.0
125x125x10	18.0	125	125	10.0
125x125x8	14.9	125	125	8.0



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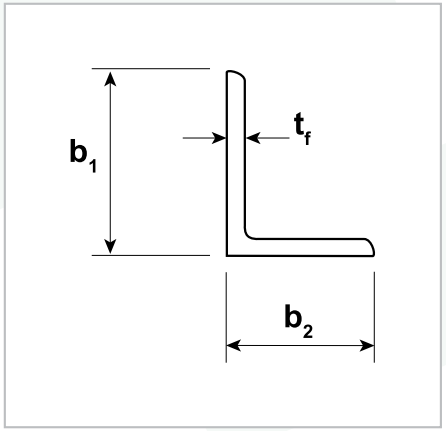
STRUCTURAL STEEL

REFERENCE GUIDE: UNEQUAL ANGLES

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Side A b_1	Side B b_2	Thickness of Flange t_f
	kg/m	mm	mm	mm
150x100x12	22.5	150	100	12.0
150x100x10	18.0	150	100	9.5
150x90x12	21.6	150	90	12.0
150x90x10	17.3	150	90	9.5
150x90x8	14.3	150	90	7.8
125x75x12	17.7	125	75	12.0
125x75x10	14.2	125	75	9.5
125x75x8	11.8	125	75	7.8
125x75x6	9.16	125	75	6.0



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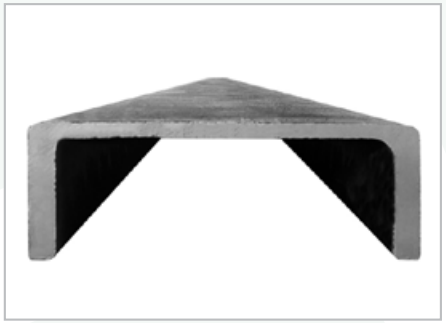
STRUCTURAL STEEL

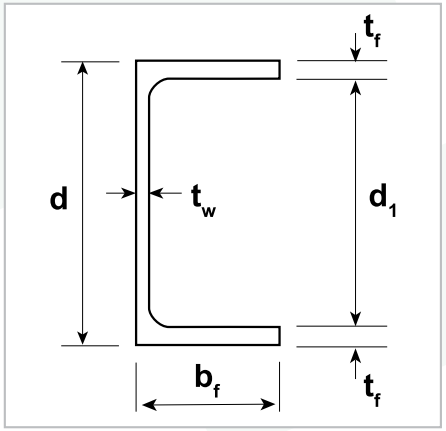
REFERENCE GUIDE: PARALLEL FLANGE CHANNELS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth of Section d	Width of Flange b_f	Thickness of Flange t_f	Web Thickness t_w	Depth between Flanges d_1
	kg/m	mm	mm	mm	mm	mm
380PFC	55.2	380	100	17.5	10.0	345
300PFC	40.1	300	90	16.0	8.0	268
250PFC	35.5	250	90	15.0	8.0	220
230PFC	25.1	230	75	12.0	6.5	206
200PFC	22.9	200	75	12.0	6.0	176
180PFC	20.9	180	75	11.0	6.0	158
150PFC	17.7	150	75	9.5	6.0	131





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A Southern Steel Group Company

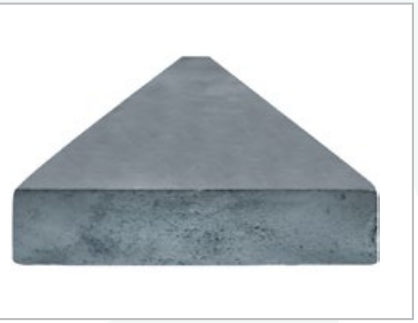
MERCHANT BAR

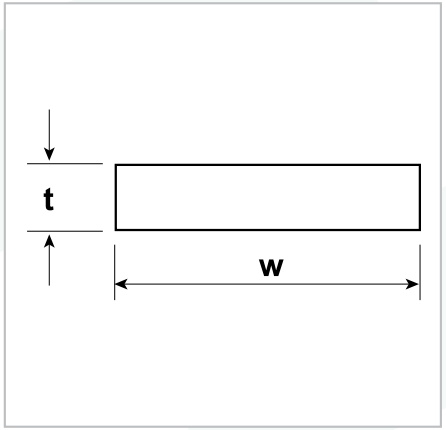
REFERENCE GUIDE: SQUARE EDGE FLATS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Width w	Thickness t
	kg/m	mm	mm
10x3*	0.241	10	3
13x3*	0.313	13	3
13x5*	0.468	13	5
13x6	0.628	13	6
16x3*	0.386	16	3
16x5*	0.643	16	5
16x8	1.030	16	8
20x3	0.483	20	3
20x5	0.805	20	5
20x6	0.966	20	6
20x10	1.609	20	10
25x3	0.604	25	3
25x5	1.006	25	5
25x6	1.207	25	6
25x8	1.609	25	8
25x10	2.012	25	10
25x12	2.414	25	12
32x3	0.772	32	3
32x5	1.287	32	5
32x6	1.545	32	6
32x8	2.060	32	8
32x10	2.575	32	10
32x12	3.090	32	12
40x3	0.966	40	3
40x5	1.609	40	5
40x6	1.931	40	6
40x8	2.575	40	8
40x10	3.219	40	10
40x12	3.862	40	12





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Supplied in 6m lengths.*
- **Denotes Rydal Flats supplied in 4m lengths.*
- *Non-standard lengths or cut to size on request.*
- *All lens/bundle are approx.*

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A Southern Steel Group Company

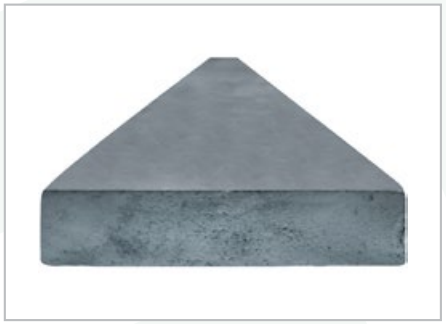
MERCHANT BAR

REFERENCE GUIDE: SQUARE EDGE FLATS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Width w	Thickness t
	kg/m	mm	mm
40x16	5.150	40	16
40x20	6.437	40	20
50x3	1.207	50	3
50x5	2.012	50	5
50x6	2.414	50	6
50x8	3.219	50	8
50x10	4.023	50	10
50x12	4.828	50	12
50x16	6.437	50	16
50x20	8.046	50	20
50x25	10.058	50	25
65x3	1.569	65	3
65x5	2.615	65	5
65x6	3.138	65	6
65x8	4.184	65	8
65x10	5.230	65	10
65x12	6.276	65	12
65x16	8.368	65	16
65x20	10.46	65	20
75x5	3.017	75	5
75x6	3.621	75	6
75x8	4.828	75	8
75x10	6.035	75	10
75x12	7.242	75	12
75x16	9.656	75	16
75x20	12.069	75	20
75x25	15.087	75	25
90x6	4.345	90	6
90x8	5.793	90	8



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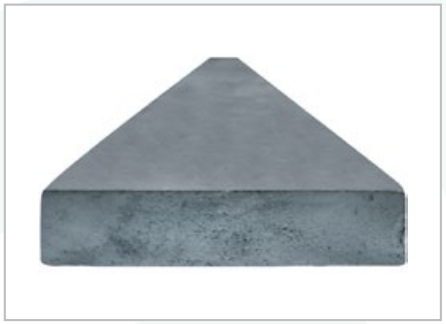
MERCHANT BAR

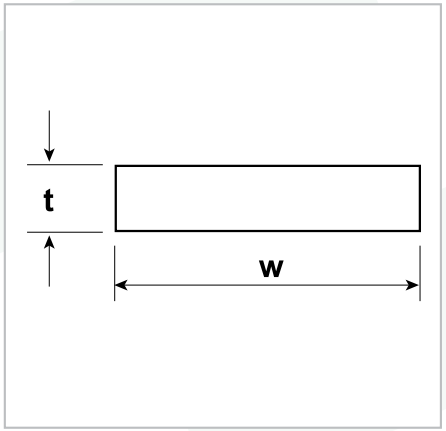
REFERENCE GUIDE: SQUARE EDGE FLATS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Width w	Thickness t
	kg/m	mm	mm
90x10	7.242	90	10
90x12	8.690	90	12
100x5	4.023	100	5
100x6	4.828	100	6
100x8	6.437	100	8
100x10	8.046	100	10
100x12	9.656	100	12
100x16	12.874	100	16
100x20	16.093	100	20
100x25	20.116	100	25
110x6	5.180	110	6
110x8	7.081	110	8
110x10	8.851	110	10
110x12	10.621	110	12
130x5	5.230	130	5
130x6	6.276	130	6
130x8	8.368	130	8
130x10	10.460	130	10
130x12	12.552	130	12
130x16	16.736	130	16
130x20	20.920	130	20
130x25	26.150	130	25
150x5	6.035	15	5
150x6	7.242	15	6
150x8	9.656	15	8
150x10	12.069	15	10
150x12	14.483	15	12
150x16	19.311	15	16
150x20	24.139	15	20





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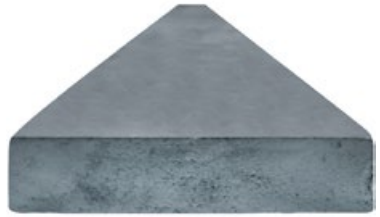
MERCHANT BAR

REFERENCE GUIDE: SQUARE EDGE FLATS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Width w	Thickness t
	kg/m	mm	mm
150x25	30.173	15	25
180x6	8.690	180	6
180x10	14.483	180	10
180x12	17.380	180	12
180x16	23.173	180	16
180x20	28.967	180	20
180x25	36.208	180	25
200x6	9.656	200	6
200x8	12.874	200	8
200x10	16.093	200	10
200x12	19.311	200	12
200x16	25.748	200	16
200x20	32.185	200	20
200x25	40.231	200	25
250x6	12.069	250	6
250x8	16.093	250	8
250x10	20.116	250	10
250x12	24.139	250	12
250x16	32.185	250	16
250x20	40.231	250	20
250x25	50.289	250	25
300x6	14.483	300	6
300x8	19.311	300	8
300x10	24.139	300	10
300x12	28.967	300	12
300x16	38.622	300	16
300x20	48.278	300	20
300x25	60.347	300	25



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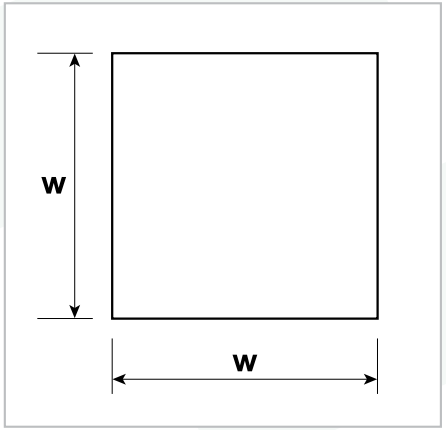
MERCHANT BAR

REFERENCE GUIDE: SQUARE MILD STEEL

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Width w
	kg/m	mm
10x10	0.805	10
12x12	1.159	12
16x16	2.060	16
20x20	3.219	20
25x25	5.029	25
40x40	12.874	40
50x50	20.115	50



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- *Supplied in 6m lengths.*
- *Non-standard lengths or cut to size on request.*
- *Corner radius on squares is approximately 1mm.*

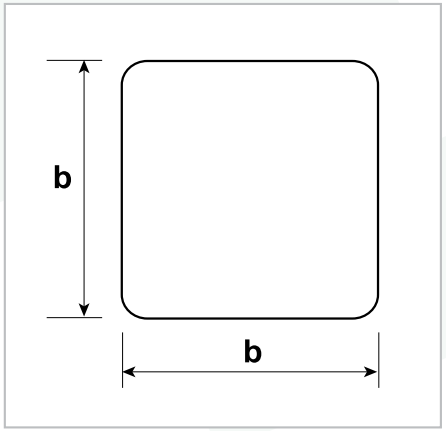
MERCHANT BAR

REFERENCE GUIDE: BILLETS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Size b
	kg/m	mm
45x45	16.294	45
50x50	20.115	50
63x63	31.936	63
75x75	45.260	75



- *Manufactured in accordance with the requirements of Australian Standard AS 1442/1022-1045.*
- *Larger square sections may need to be cut from a thick plate.*

Please note: Whilst all care has been taken, no responsibility can be accepted for any errors. Weights supplied and charged will vary in accordance with standard mill tolerance and practice.

September 2026 Revision 10

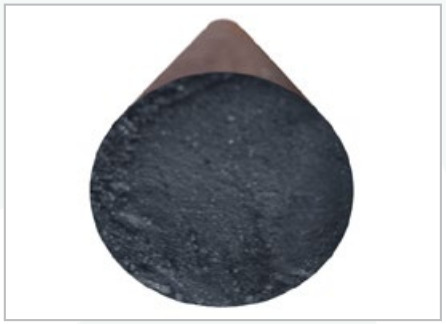
MERCHANT BAR

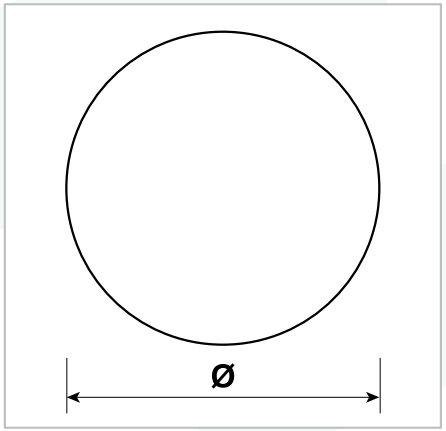
REFERENCE GUIDE: ROUND MILD STEEL

SOUTHERN First for Steel

Southern Steel Cash & Carry

Diameter Ø	Weight	Diameter Ø	Weight
mm	kg/m	mm	kg/m
6	0.233	33	6.882
8	0.394	36	8.190
10	0.632	39	9.611
12	0.910	42	11.147
14	1.239	45	12.796
16	1.618	48	14.559
18	2.047	50	15.798
20	2.528	56	19.817
22	3.059	60	22.749
24	3.640	65	26.698
27	4.607	75	35.545
30	5.687		





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Typically supplied in 6m lengths.*
- *Longer lengths available on request.*

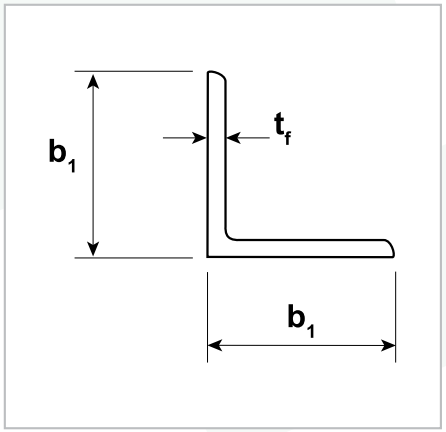
MERCHANT BAR

REFERENCE GUIDE: EQUAL ANGLES

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Side A b_1	Side B b_1	Thickness of Flange t_f
	kg/m	mm	mm	mm
100x100x12	17.7	100	100	12.0
100x100x10	14.2	100	100	9.5
100x100x8	11.8	100	100	7.8
100x100x6	9.16	100	100	6.0
90x90x10	12.7	90	90	9.5
90x90x8	10.6	90	90	7.8
90x90x6	8.22	90	90	6.0
75x75x10	10.5	75	75	9.5
75x75x8	8.73	75	75	7.8
75x75x6	6.81	75	75	6.0
75x75x5	5.27	75	75	4.6
65x65x10	9.02	65	65	9.5
65x65x8	7.51	65	65	7.8
65x65x6	5.87	65	65	6.0
65x65x5	4.56	65	65	4.6
55x55x5	3.84	55	55	4.6
50x50x8	5.68	50	50	7.8
50x50x6	4.46	50	50	6.0
50x50x5	3.48	50	50	4.6
50x50x3	2.31	50	50	3.0
40x40x6	3.50	40	40	6.0
40x40x5	2.73	40	40	4.6
40x40x3	1.83	40	40	3.0
30x30x5	2.01	30	30	4.6
30x30x3	1.35	30	30	3.0
25x25x5	1.65	25	25	4.6
25x25x3	1.12	25	25	3.0



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Non-standard lengths or cut to size on request.*

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A Southern Steel Group Company

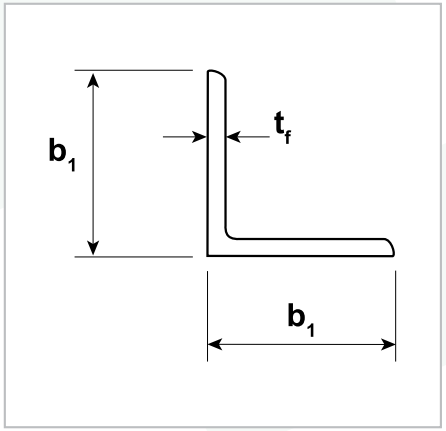
MERCHANT BAR

REFERENCE GUIDE: UNEQUAL ANGLES

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Side A b_1	Side B b_2	Thickness of Flange t_f
	kg/m	mm	mm	mm
100x75x10	12.4	100	75	9.5
100x75x6	10.3	100	75	7.8
100x75x5	7.98	100	75	6.0
75x50x8	7.23	75	50	7.8
75x50x6	5.66	75	50	6.0
75x50x5	4.40	75	50	4.6



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Non-standard lengths or cut to size on request.*

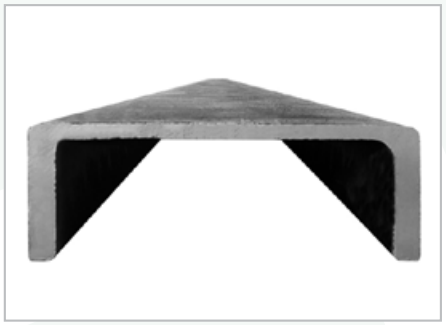
MERCHANT BAR

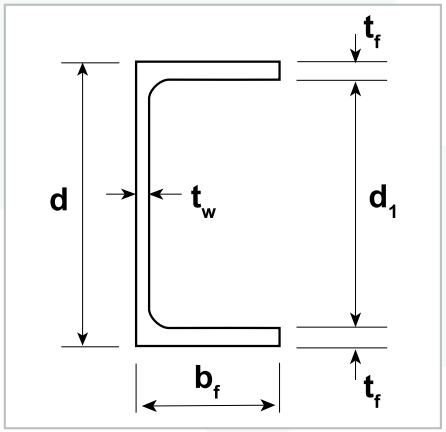
REFERENCE GUIDE: PARALLEL FLANGE CHANNELS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth of Section d	Width of Flange b_f	Thickness of Flange t_f	Web Thickness t_w	Depth between Flanges d_1
	kg/m	mm	mm	mm	mm	mm
125PFC	11.9	125	65	7.5	4.7	110
100PFC	8.33	100	50	6.7	4.2	87
75PFC	5.92	75	40	6.1	3.8	63





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *Non-standard lengths or cut to size on request.*

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A Southern Steel Group Company

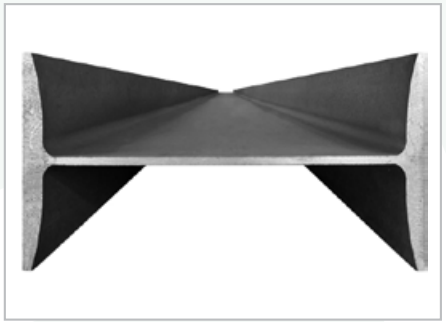
MERCHANT BAR

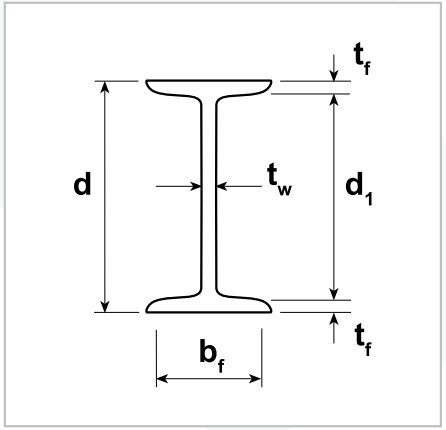
REFERENCE GUIDE: TAPERED FLANGE BEAMS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth of Section d	Width of Flange b_f	Thickness of Flange t_f	Web Thickness t_w	Depth between Flanges d_1
	kg/m	mm	mm	mm	mm	mm
125TFB	13.1	125	65	8.5	5.0	108
100TFB	7.2	100	45	6.0	4.0	88





- *Manufactured to 300 grade.*
- *Grade 350 & 350L0 available on request.*
- *Non-standard lengths or cut to size on request.*

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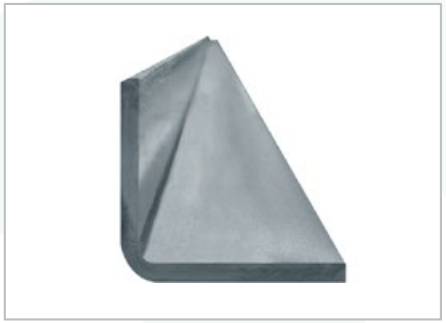
DURAGAL® PROFILES

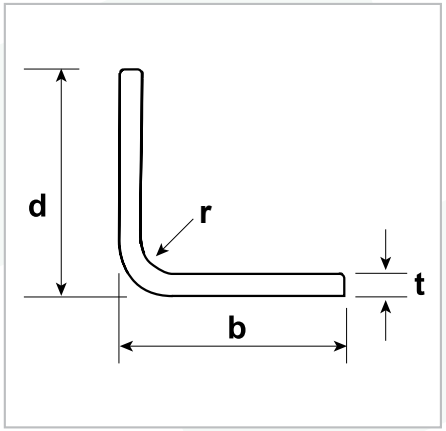
REFERENCE GUIDE: DURAGAL® ANGLES

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth d	Width b	Thickness t	Length
	kg/m	mm	mm	mm	m
25x25x2.5	0.894	25	25	2.5	6
30x30x2.5	1.093	30	30	2.5	6
40x40x2.5	1.490	40	40	2.5	6
40x40x4.0	2.310	40	40	4.0	6
45x45x2.5	1.689	45	45	2.5	6
50x50x2.5	1.888	50	50	2.5	6
50x50x2.5	1.888	50	50	2.5	9
50x50.4.0	2.943	50	50	4.0	6
50x50.4.0	2.943	50	50	4.0	9
50x50x5.0	3.594	50	50	5.0	6
50x50x5.0	3.594	50	50	5.0	9
50x50x5.0	3.594	50	50	5.0	12
50x50x6.0	4.210	50	50	6.0	9
65x65x4.0	3.892	65	65	4.0	9
65x65x5.0	4.779	65	65	5.0	9
75x75x4.0	4.525	75	75	4.0	9
75x75x5.0	5.569	75	75	4.0	9
75x75x6.0	6.664	75	75	6.0	9
100x100x6.0	9.078	100	100	6.0	12
125x75x6.0	9.078	125	75	6.0	12
150X100x6.0	11.492	150	100	6.0	12





- *Radius 'r' is a minimum 3.5mm.*
- *A minimum of 100g/m² coating of zinc is applied by in-line galvanising to a mechanically (shot blasted) and chemically cleaned bright metal (AS 1627.4 Class 3.0) surface. A clear polymer barrier coating protects the galvanising prior to fabrication.*
- *DuraGal® is readily welded. Its thin evenly applied inline galvanised coating ensures minimal welding fumes. No need to preheat, change consumables or welding settings.*
- *Some items may require a 3 pack minimum order quantity.*

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A Southern Steel Group Company

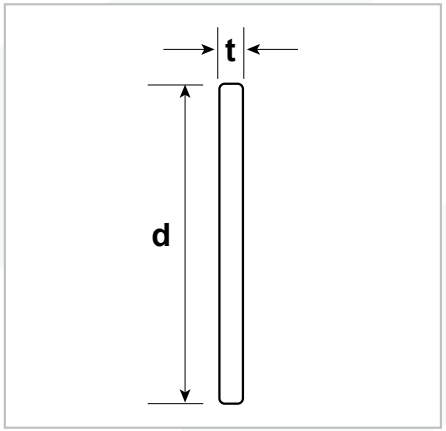
DURAGAL® PROFILES

REFERENCE GUIDE: DURAGAL® FLATS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth d	Thickness t	Length
	kg/m	mm	mm	m
50x4.0	1.582	50	4.0	6
50x5.0	1.975	50	5.0	6
65x5.0	2.567	65	5.0	6
75x4.0	2.373	75	4.0	6
75x5.0	2.962	75	5.0	6
100x4.0	3.165	100	4.0	6
100x5.0	3.950	100	5.0	6
100x6.0	4.829	100	6.0	6
130x5.0	5.134	130	5.0	6
150x5.0	5.924	150	5.0	6
150x6.0	7.243	150	6.0	6
200x6.0	9.657	250	6.0	6
250x5.0	9.874	250	5.0	6



- *A minimum of 100g/m2 coating of zinc is applied by in-line galvanising to a mechanically (shot blasted) and chemically cleaned bright metal (AS 1627.4 Class 3.0) surface. A clear polymer barrier coating protects the galvanising prior to fabrication.*
- *DuraGal® is readily welded. Its thin evenly applied inline galvanised coating ensures minimal welding fumes. No need to preheat, change consumables or welding settings.*
- *Some items may require a 3 pack minimum order quantity.*

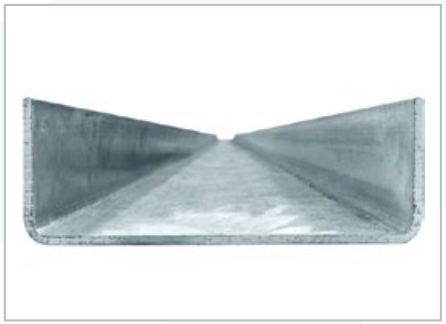
DURAGAL® PROFILES

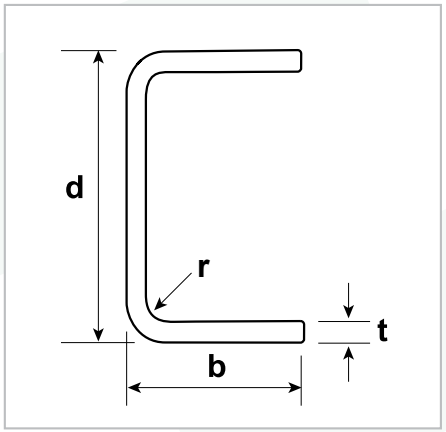
REFERENCE GUIDE: DURAGAL® CHANNELS

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Depth d	Width b	Thickness t	Length
	kg/m	mm	mm	mm	m
75x40x4.0	4.430	75	40	4.0	9
100x50x4.0	5.584	100	50	4.0	9
125x65x4.0	7.595	125	65	4.0	9
150x75x5.0	11.177	150	75	5.0	12
180X75X5.0	12.362	180	75	5.0	12
200x75x5.0	13.152	200	75	5.0	12
200x75x6.0	15.742	200	75	6.0	12
230x75x6.0	17.198	230	75	6.0	12
250x90x6.0	19.605	250	90	6.0	12
300X90X6.0	22.019	300	90	6.0	12





- *Radius 'r' is a minimum 3.5mm.*
- *A minimum of 100g/m² coating of zinc is applied by in-line galvanising to a mechanically (shot blasted) and chemically cleaned bright metal (AS 1627.4 Class 3.0) surface. A clear polymer barrier coating protects the galvanising prior to fabrication.*
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September 2026 Revision 10

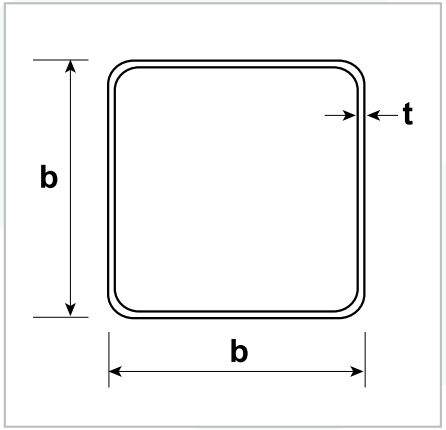
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size bxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
6500mm Lengths Standard				
20x20	1.6	0.87	*	*
	2.0	1.05	*	*
25x25	1.6	1.12	*	*
	2.0	1.36	*	*
	2.5	1.64	*	*
	3.0	1.89	*	*
8000mm Lengths Standard				
30x30	1.6	1.38	*	*
	2.0	1.68	*	*
	2.5	2.03	*	*
	3.0	2.36	*	*
35x35	1.6	1.63	*	*
	2.0	1.99	*	*
	2.5	2.42	*	*
	3.0	2.83	*	*
40x40	1.6	1.88	*	*
	2.0	2.31	*	*
	2.5	2.82	*	*
	3.0	3.30	*	*
	4.0	4.09	*	*
50x50	1.6	2.38	*	*
	2.0	2.93	*	*
	2.5	3.60	*	*
	3.0	4.25	*	*
	4.0	5.35	*	*



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
- *Grade C450 and L0 available on request.*
- *Comes standard in black with option for painted or galvanised.*

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A Southern Steel Group Company

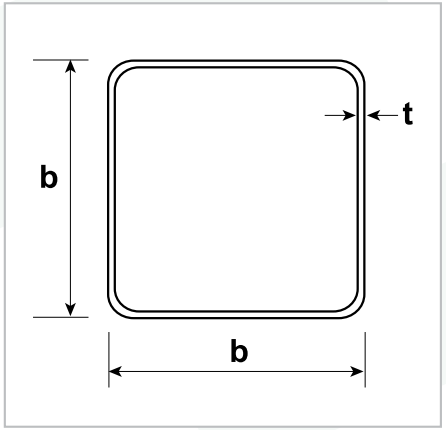
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size Bxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
50x50	5.0	6.39	*	*
	6.0	7.32	Oiled	
65x65	1.6	3.13		*
	2.0	3.88	*	*
	2.5	4.78	*	*
	3.0	5.66	*	*
	4.0	7.23	*	*
	5.0	8.75	*	*
	6.0	10.20	*	
75x75	2.0	4.50	*	*
	2.5	5.56	*	*
	3.0	6.60	*	*
	3.5	7.53	*	*
	4.0	8.49	*	*
	5.0	10.30	*	*
	6.0	12.00	*	*
89x89	2.0	5.38	*	*
	3.5	9.07	*	*
	5.0	12.50	*	*
	6.0	14.70	*	*
100x100	2.0	6.07	*	*
	3.0	8.96	*	*
	4.0	11.60	*	*
	5.0	14.20	*	*
	6.0	16.70	*	*
	9.0	23.50	*	



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
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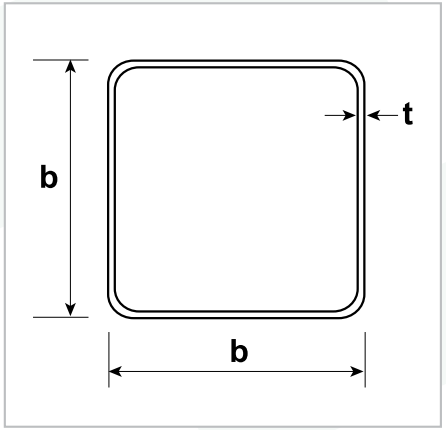
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size bxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
125x125	4.0	14.80	*	*
	5.0	18.20	*	*
	6.0	21.40	*	
	9.0	30.60	*	
150x150	5.0	22.10	*	
	6.0	26.20	*	
	9.0	37.70	*	
200x200	5.0	29.90	*	
	6.0	35.60	*	
	9.0	51.80	*	
	12.5	69.40	*	
	16.0	85.50	*	
250x250	6.0	45.00	*	
	9.0	65.90	*	
	12.5	89.00	*	
	16.0	111.00	*	
300x300	10.0	88.40	*	
	12.5	109.00	*	
	16.0	136.00	*	
350x350	10.0	104.00	*	
	12.5	128.00	*	
	16.0	161.00	*	
400x400	10.0	120.00	*	
	12.5	148.00	*	
	16.0	186.00	*	



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- *Grade C450 and L0 available on request.*
- *Comes standard in black with option for painted or galvanised.*

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A Southern Steel Group Company

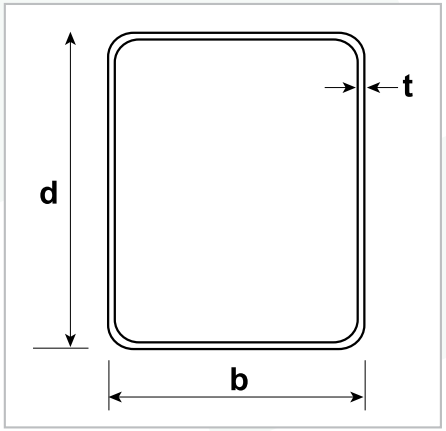
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size dxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
50x25	1.6	1.75	*	*
	2.0	2.15	*	*
	2.5	2.62	*	*
	3.0	3.07	*	*
65x35	2.0	2.93	*	*
	2.5	3.60	*	*
	3.0	4.25	*	*
	4.0	5.35	*	*
75x25	1.6	2.38	*	*
	2.0	2.93	*	*
	2.5	3.60	*	*
75x50	1.6	3.01	*	*
	2.0	3.72	*	*
	2.5	4.58	*	*
	3.0	5.42	*	*
	4.0	6.92	*	*
	5.0	8.35	*	*
	6.0	9.67	*	*
100x50	1.6	3.64		*
	2.0	4.50	*	*
	2.5	5.56	*	*
	3.0	6.60	*	*
	3.5	7.53	*	*
	4.0	8.49	*	*
	5.0	10.30	*	*
	6.0	12.00	*	*



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
- *Grade C450 and L0 available on request.*

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September 2026 Revision 10

A Southern Steel Group Company

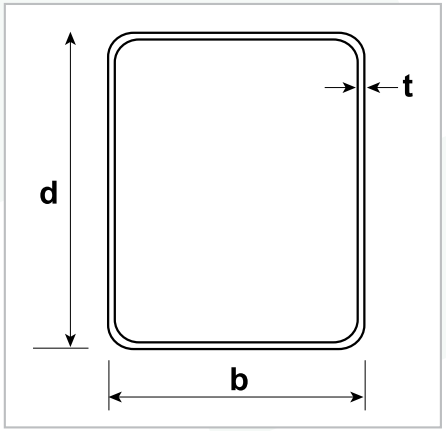
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size dxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
102x76	3.5	9.07	*	
	5.0	12.50	*	
	6.0	14.70	*	
125x75	2.0	6.07		*
	2.5	7.53		*
	3.0	8.96	*	*
	4.0	11.60	*	*
	5.0	14.20	*	*
	6.0	16.70	*	*
150x50	2.0	6.07	*	*
	2.5	7.53	*	*
	3.0	8.96	*	*
	4.0	11.60	*	*
	5.0	14.20	*	*
	6.0	16.70	*	*
152x76	5.0	16.50	*	
	6.0	19.40	*	
150x100	4.0	14.80	*	*
	5.0	18.20	*	*
	6.0	21.40	*	
	9.0	30.60	*	
200x100	4.0	17.90	*	
	5.0	22.10	*	
	6.0	26.20	*	
	9.0	37.70	*	



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A Southern Steel Group Company

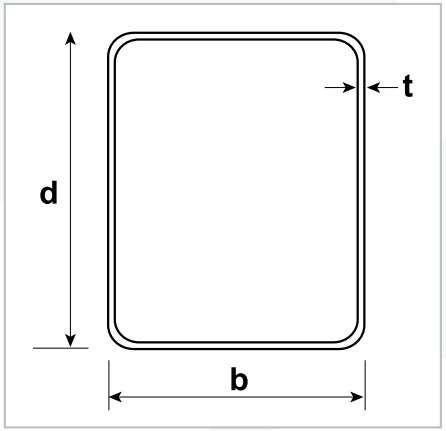
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size dxb	Nom. Thick t	Nom.Linear Mass	Surface Finish	
mm	mm	kg/m	Painted	Galvanised
250x150	5.0	29.90	*	
	6.0	35.60	*	
	9.0	51.80	*	
	12.5	69.40	*	
	16.0	85.50	*	
300x200	6.0	45.00	*	
	8.0	59.10	*	
	9.0	65.90	*	
	10.0	72.70	*	
	12.5	89.00	*	
	16.0	111.0	*	
350x250	8.0	71.58	*	
	10.0	88.40	*	
	12.5	109.0	*	
	16.0	136.0	*	
400x200	8.0	71.60	*	
	10.0	88.40	*	
	12.5	109.0	*	
	16.0	136.0	*	
400x300	12.5	128.0	*	
	16.0	161.0	*	



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
- *Grade C450 and L0 available on request.*

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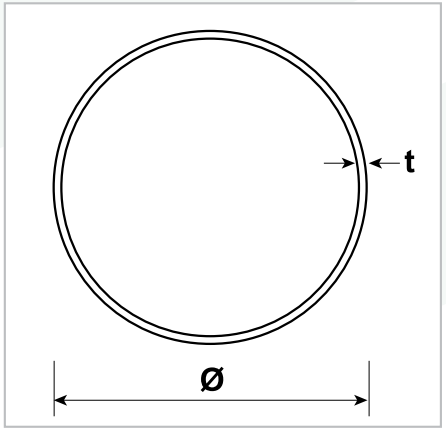
September 2026 Revision 10

REFERENCE GUIDE: CIRCULAR HOLLOW SECTION (CHS)

SOUTHERN First for Steel
Southern Steel Cash & Carry

Size	Class	OD Ø	Nom. Thick t	Nom. Linear Mass Black	Nom. Linear Mass Galvanised
mm		mm	mm	kg/m	kg/m
20	M	26.9	2.6	1.56	1.60
25	XL	33.7	2.0	1.56	1.62
	L	33.7	2.6	1.99	2.05
	M	33.7	3.2	2.41	2.46
	H	33.7	4.0	2.94	2.99
32	XL	42.4	2.0	1.99	2.07
	L	42.4	2.6	2.55	2.63
	M	42.4	3.2	3.10	3.17
	H	42.4	4.0	3.80	3.86
40	XL	48.3	2.3	2.61	2.70
	L	48.3	2.9	3.25	3.30
	M	48.3	3.2	3.57	3.64
	H	48.3	4.0	4.38	4.45
	XH	48.3	5.4	5.71	-
50	XL	60.3	2.3	3.29	3.40
	L	60.3	2.9	4.11	4.21
	M	60.3	3.6	5.03	5.14
	H	60.3	4.5	6.19	6.33
	XH	60.3	5.4	7.31	-
65	XL	76.1	2.3	4.19	4.32
	L	76.1	3.2	5.75	5.89
	M	76.1	3.6	6.43	6.57
	H	76.1	4.5	7.93	8.08



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1074:1989.*

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September 2026 Revision 10

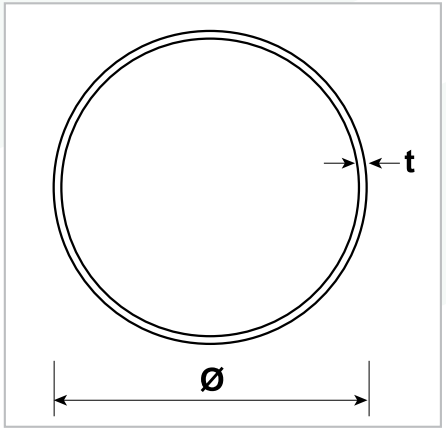
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: CIRCULAR HOLLOW SECTION (CHS)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Size	Class	OD Ø	Nom. Thick t	Nom. Linear Mass Black	Nom. Linear Mass Galvanised
mm		mm	mm	kg/m	kg/m
80	XL	88.9	2.6	5.53	5.70
	L	88.9	3.2	6.76	6.93
	M	88.9	4.0	8.37	8.54
	H	88.9	5.0	10.30	10.6
	XH	88.9	5.9	12.10	-
90	XL	101.6	2.6	6.35	-
	L	101.6	3.2	7.77	7.95
	M	101.6	4.0	9.63	9.81
	H	101.6	5.0	11.90	-
100	XL	114.3	3.2	8.77	-
	L	114.3	3.6	9.83	10.0
	M	114.3	4.5	12.20	12.4
	H	114.3	5.4	14.50	14.7
125	XL	139.7	3.0	10.10	-
	L	139.7	3.5	11.80	12.0
	M	139.7	5.0	16.60	16.9
	H	139.7	5.4	17.90	-
150	XL	165.1	3.0	12.00	-
	L	165.1	3.5	13.90	14.3
	M	165.1	5.0	19.70	20.0
	H	165.1	5.4	21.30	-



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1074:1989 (R2018).*

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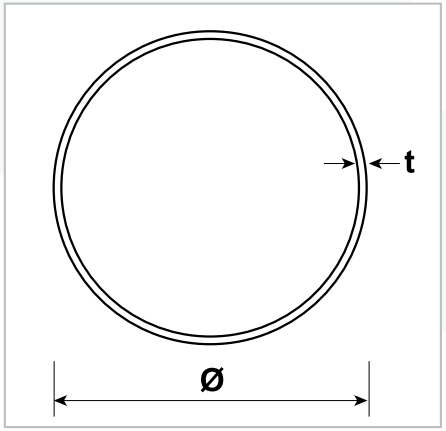
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: FIREPIPE

SOUTHERN First for Steel

Southern Steel Cash & Carry

NB	Class	OD Ø	Nom. Thick t	Nom. Linear Mass	PE	SOE	SBE
mm		mm	mm	kg/m			
25	M	33.7	3.2	2.41	*	*	*
32	M	42.4	3.2	3.10	*	*	*
40	M	48.3	3.2	3.57	*	*	*
50	M	60.3	3.6	5.03	*	*	*
65	M	76.1	3.6	6.43	*		
80	M	88.9	4.0	8.37	*		
100	M	114.3	4.5	12.2	*		
150	M	165.1	5.0	19.7	*		



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1074:1989 (R2018).*

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A Southern Steel Group Company

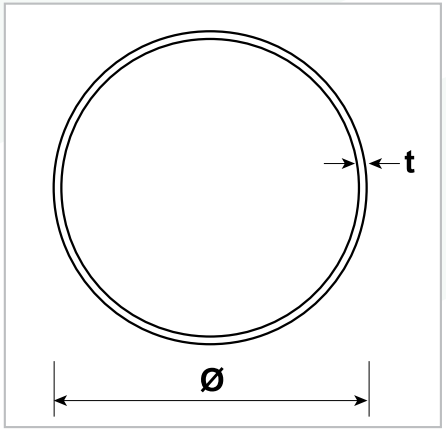
STRUCTURAL TUBE & PIPE

REFERENCE GUIDE: LARGE STRUCTURAL PIPE

SOUTHERN First for Steel

Southern Steel Cash & Carry

NB	OD Ø	Nom. Thick t	Nom. Linear Mass Black	NB	OD Ø	Nom. Thick t	Nom. Linear Mass Black
mm	mm	mm	kg/m	mm	mm	mm	kg/m
65	76.1	4.00	7.13	200	219.1	12.7	64.64
65	76.1	5.00	8.77	250	273.1	4.80	31.76
80	88.9	5.50	11.31	250	273.1	6.40	42.09
100	114.3	4.80	12.96	250	273.1	9.27	60.50
100	114.3	6.00	16.02	250	273.1	12.7	81.55
125	141.3	4.80	16.16	300	323.9	6.40	50.11
125	141.3	6.60	21.99	300	323.9	9.50	73.66
150	168.3	4.80	19.35	300	323.9	12.7	97.50
150	168.3	6.40	25.55	350	355.6	6.40	55.10
150	168.3	7.10	28.22	350	355.6	9.50	81.10
150	168.3	11.0	42.67	350	355.6	12.7	107.40
200	219.1	4.80	25.37	400	406.4	6.40	63.13
200	219.1	6.40	33.57	400	406.4	9.50	92.98
200	219.1	8.20	42.60	400	406.4	12.7	123.30



- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
- *Typically supplied in 9m & 12m lengths.*

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September 2026 Revision 10

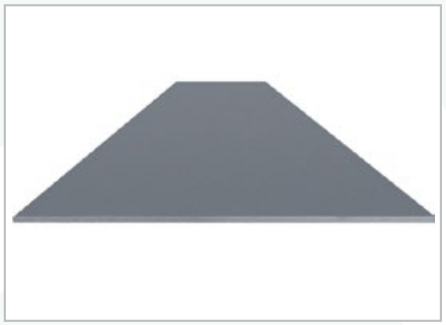
PLATE PRODUCTS

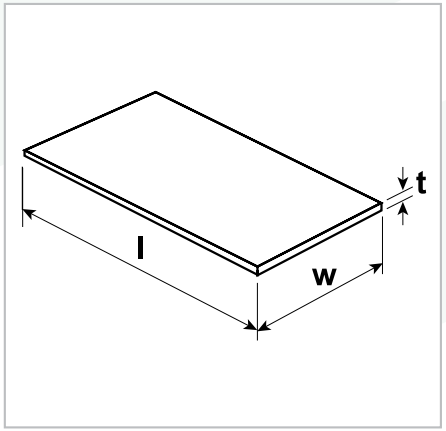
REFERENCE GUIDE: MILD STEEL PLATE - 250 GRADE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
2400x6000	47.10	6	2400	6000
2400x9000	47.10	6	2400	9000
3000x9000	47.10	6	3000	9000
3000x12000	47.10	6	3000	12000
3200x12000	47.10	6	3200	12000
2400x6000	62.80	8	2400	6000
2400x9000	62.80	8	2400	9000
3000x9000	62.80	8	3000	9000
3000x12000	62.80	8	3000	12000
3200x12000	62.80	8	3200	12000
2400x6000	78.50	10	2400	6000
2400x9000	78.50	10	2400	9000
3000x9000	78.50	10	3000	9000
3000x12000	78.50	10	3000	12000
3200x12000	78.50	10	3200	12000
2400x6000	94.20	12	2400	6000
2400x9000	94.20	12	2400	9000
3000x12000	94.20	12	3000	12000
3200x12000	94.20	12	3200	12000
2400x6000	125.60	16	2400	6000
2400x9000	125.60	16	2400	9000
3000x12000	125.60	16	3000	12000
3200x12000	125.60	16	3200	12000
2400x6000	157.00	20	2400	6000
3000x9000	157.00	20	3000	9000
3000x12000	157.00	20	3000	12000
3200x12000	157.00	20	3200	12000
2400x6000	196.25	25	2400	6000
3000x9000	196.25	25	3000	9000
3000x12000	196.25	25	3000	12000
3200x12000	196.25	25	3200	12000
2400x6000	219.80	28	2400	6000
2400x6000	251.20	32	2400	6000
3000x9000	251.20	32	3000	9000
2400x9000	282.60	36	2400	9000
2400x6000	314.00	40	2400	6000
2400x9000	353.25	45	2400	9000
2400x6000	392.50	50	2400	6000
2400x9000	392.50	50	2400	9000
2400x6000	431.75	55	2400	6000
2400x6000	471.00	60	2400	6000
2400x6000	549.50	70	2400	6000
2400x5200	628.00	80	2400	5200
1800x6000	706.50	90	1800	6000
2400x4000	785.00	100	2400	4000
2400x3700	863.50	110	2400	3700
2400x3400	942.00	120	2400	3400
2400x3100	1020.50	130	2400	3100
2400x2700	1177.50	150	2400	2700





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3678 in Grade 250.*

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September 2026 Revision 10

PLATE PRODUCTS

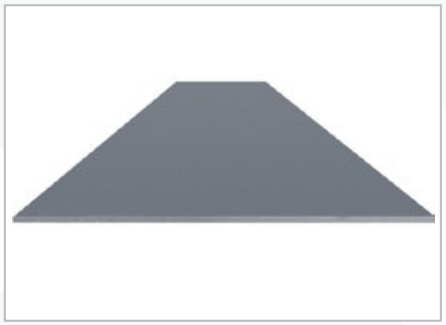
REFERENCE GUIDE: MILD STEEL PLATE - 350 GRADE

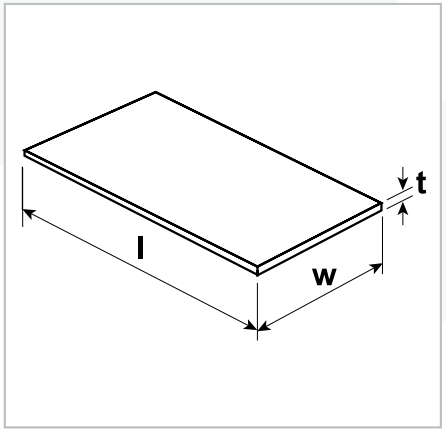
SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
2400x6000	39.25	5	2400	6000
2400x9000	39.25	5	2400	9000
3000x9000	39.25	5	3000	9000
2400x9600	47.10	6	2400	9600
3000x12000	47.10	6	3000	12000
2400x9600	62.80	8	2400	9600
3000x12000	62.80	8	3000	12000
2400x9600	78.50	10	2400	9600
3100x9600	78.50	10	3100	9600
3000x12000	78.50	10	3000	12000
2400x9600	94.20	12	2400	9600
3100x9600	94.20	12	3100	9600
3000x12000	94.20	12	3000	12000
2400x9600	125.60	16	2400	9600
3100x9600	125.60	16	3100	9600
3000x12000	125.60	16	3000	12000
2400x9600	157.00	20	2400	9600

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
3100x9600	157.00	20	3100	9600
3000x12000	157.00	20	3000	12000
2400x9600	196.25	25	2400	9600
3000x12000	196.25	25	3000	12000
2400x10000	219.80	28	2400	10000
2400x9600	251.20	32	2400	9600
2400x12000	251.20	32	2400	12000
2400x9600	282.60	36	2400	9600
2400x9600	314.00	40	2400	9600
2400x7600	392.50	50	2400	7600
2400x7600	471.00	60	2400	7600
2400x6000	549.50	70	2400	6000
2400x5500	628.00	80	2400	5500
2400x3150	706.50	90	2400	3150
2400x6300	706.50	90	2400	6300
2100x3150	785.00	100	2100	3150
2100x6500	785.00	100	2100	6500





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3678 in Grade 250.*

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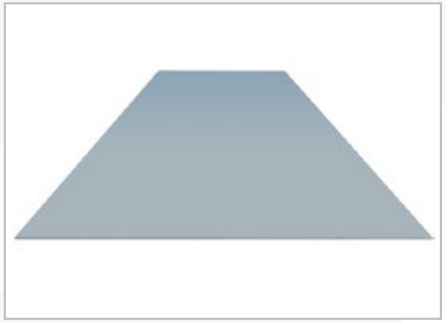
PLATE PRODUCTS

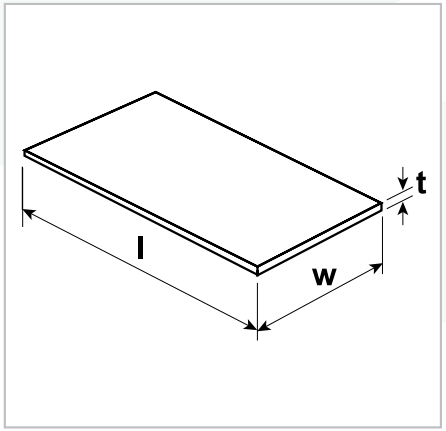
REFERENCE GUIDE: COIL PLATE (TRUSPEC)

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
1200x2400	23.55	3	1200	2400
1200x3000	23.55	3	1200	3000
1200x6000	23.55	3	1200	6000
1500x3000	23.55	3	1500	3000
1500x6000	23.55	3	1500	6000
1800x6000	23.55	3	1800	6000
1200x2400	31.40	4	1200	2400
1200x6000	31.40	4	1200	6000
1500x3000	31.40	4	1500	3000
1500x6000	31.40	4	1500	6000
1800x6000	31.40	4	1800	6000
1200x2400	39.25	5	1200	2400
1200x6000	39.25	5	1200	6000
1500x3000	39.25	5	1500	3000
1500x6000	39.25	5	1500	6000
1800x6000	39.25	5	1800	6000
1200x6000	47.10	6	1200	6000
1500x3000	47.10	6	1500	3000
1500x6000	47.10	6	1500	6000
1800x6000	47.10	6	1800	6000
1200x2400	62.80	8	1200	2400
1500x3000	62.80	8	1500	3000
1200x2400	78.50	10	1200	2400
1500x3000	78.50	10	1500	3000
1200x2400	94.20	12	1200	2400
1500x3000	94.20	12	1500	3000
1200x2400	125.60	16	1200	2400
1500x3000	157.00	20	1500	3000
1500x3000	196.25	25	1500	3000





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1594 - HA250.*

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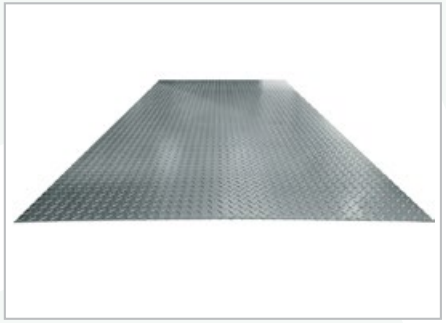
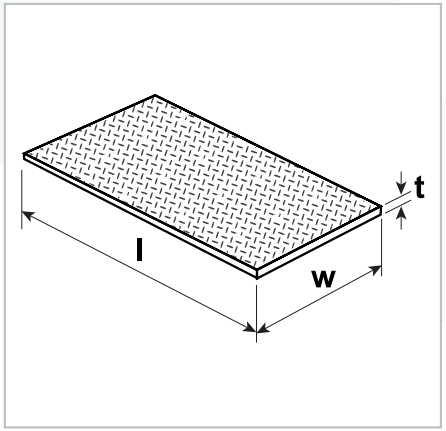
REFERENCE GUIDE: FLOOR PLATE

SOUTHERN First for Steel
Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l	Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm		kg/m²	mm	mm	mm
1200x2400	18.49	2.1	1200	2400	1500x6000	41.25	5	1500	6000
1200x2400	25.55	3	1200	2400	1200x2400	49.10	6	1200	2400
1200x3000	25.55	3	1200	3000	1200x6000	49.10	6	1200	6000
1200x6000	25.55	3	1200	6000	1500x6000	49.10	6	1500	6000
1200x2400	41.25	5	1200	2400	1800x6000	64.80	8	1800	6000
1200x6000	41.25	5	1200	6000	1800x6000	80.50	10	1800	6000
1500x3000	41.25	5	1500	3000	1800x6000	96.20	12	1800	6000





- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3678 in Grade 250.*

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PLATE PRODUCTS

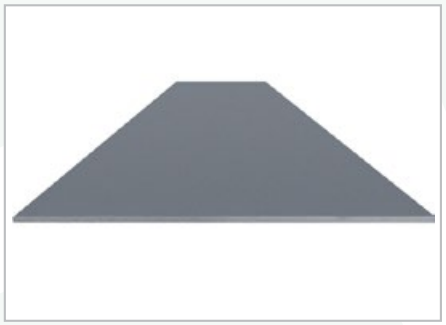
REFERENCE GUIDE: BOILER PLATE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
3100x9600	62.80	8	3100	9600
3100x9600	78.50	10	3100	9600
3100x9600	94.20	12	3100	9600
3100x9600	125.60	16	3100	9600
3100x8600	157.00	20	3100	8600
3100x9600	196.25	25	3100	9600
2400x9600	251.20	32	2400	9600

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
2400x9600	314.00	40	2400	9600
2400x7600	392.50	50	2400	7600
2400x6000	471.00	60	2400	6000
2400x6000	549.50	70	2400	6000
2400x5200	628.00	80	2400	5200
2400x5200	785.00	100	2400	5200



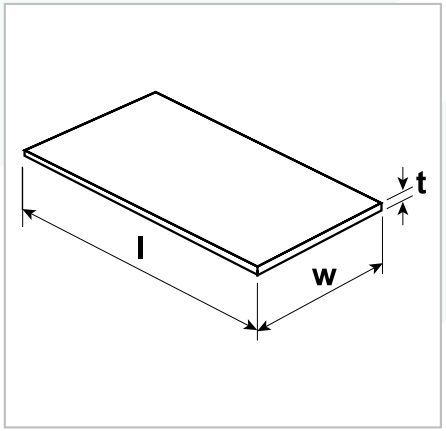


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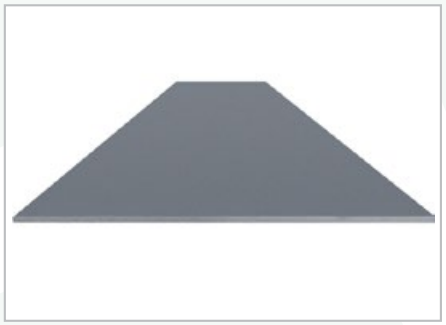
PLATE PRODUCTS

REFERENCE GUIDE: QUENCH & TEMPERED PLATE (Q&T) - 80 GRADE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l	Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm		kg/m²	mm	mm	mm
2500x9600	31.40	4	2500	9600	2485x8000	196.25	25	2485	8000
2500x9600	39.25	5	2500	9600	3100x8000	196.25	25	3100	8000
1525x8000	47.10	6	1525	8000	2485x8000	251.20	32	2485	8000
2485x8000	47.10	6	2485	8000	2485x8000	314.00	40	2485	8000
2485x8000	62.80	8	2485	8000	2485x8000	392.50	50	2485	8000
2485x8000	78.50	10	2485	8000	2485x6000	471.00	60	2485	6000
3100x8000	78.50	10	3100	8000	2000x6000	549.50	70	2000	6000
2485x8000	94.20	12	2485	8000	2000x6000	588.75	75	2000	6000
3100x8000	94.20	12	3100	8000	2000x6000	628.00	80	2000	6000
2485x8000	125.60	16	2485	8000	2000x6000	706.50	90	2000	6000
3100x8000	125.60	16	3100	8000	2000x6000	785.00	100	2000	6000
2485x8000	157.00	20	2485	8000	2000x4300	942.00	120	2000	4300
3100x8000	157.00	20	3100	8000	2000x4300	1099.00	140	2000	4300



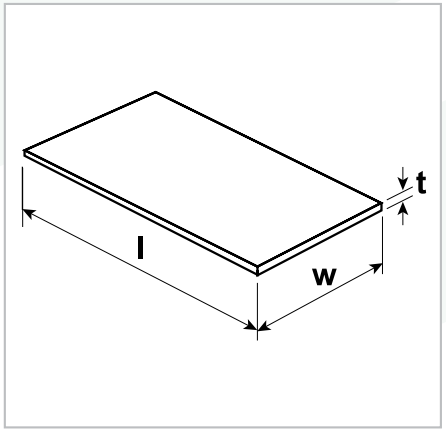


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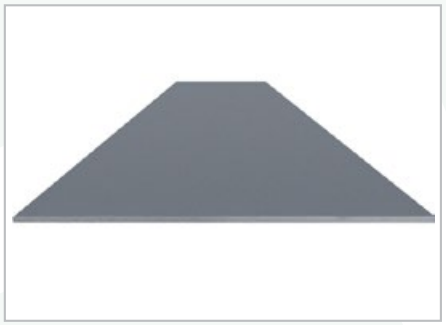
PLATE PRODUCTS

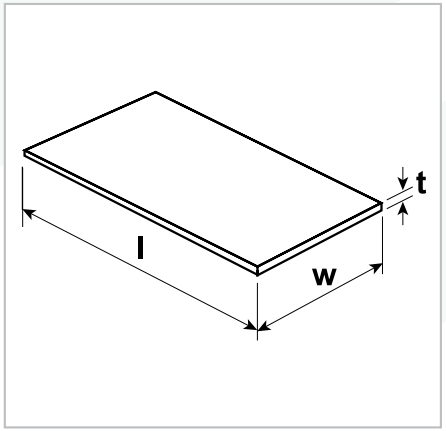
REFERENCE GUIDE: QUENCH & TEMPERED PLATE (Q&T) - 400 GRADE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l	Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm		kg/m²	mm	mm	mm
1525x8000	47.10	6	1525	8000	2485x8000	196.25	25	2485	8000
2485x8000	47.10	6	2485	8000	3100x8000	196.25	25	3100	8000
2485x8000	62.80	8	2485	8000	2485x8000	251.20	32	2485	8000
2485x8000	78.50	10	2485	8000	2485x8000	314.00	40	2485	8000
3100x8000	78.50	10	3100	8000	2485x8000	392.50	50	2485	8000
2485x8000	94.20	12	2485	8000	2485x6000	471.00	60	2485	6000
3100x8000	94.20	12	3100	8000	2000x6000	549.50	70	2000	6000
2485x8000	125.60	16	2485	8000	2000x6000	588.75	75	2000	6000
3100x8000	125.60	16	3100	8000	2000x6000	628.00	80	2000	6000
2485x8000	157.00	20	2485	8000	2000x6000	706.50	90	2000	6000
3100x8000	157.00	20	3100	8000	2000x6000	785.00	100	2000	6000





- *Manufactured to manufacturers own internal specifications.*

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PLATE PRODUCTS

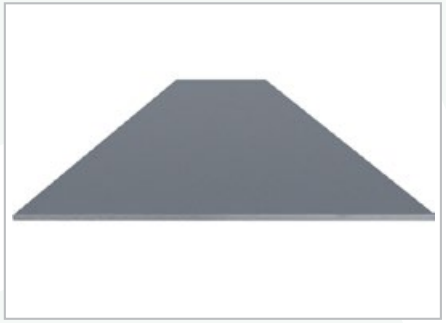
REFERENCE GUIDE: QUENCH & TEMPERED PLATE (Q&T) - 450 GRADE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
2500x9300	25.12	3.2	2500	9300
2500x8000	31.40	4	2500	8000
2500x9600	31.40	4	2500	9600
2500x8000	39.25	5	2500	8000
2500x9600	39.25	5	2500	9600
2500x8000	47.10	6	2500	8000
2500x9600	47.10	6	2500	9600
2485x8000	62.80	8	2485	8000
2500x9600	62.80	8	2500	9600
2485x8000	78.50	10	2485	8000
3100x8000	78.50	10	3100	8000
2485x8000	94.20	12	2485	8000
3100x8000	94.20	12	3100	8000
2485x8000	125.60	16	2485	8000
3100x8000	125.60	16	3100	8000

Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm
2485x8000	157.00	20	2485	8000
3100x8000	157.00	20	3100	8000
2485x8000	196.25	25	2485	8000
3100x8000	196.25	25	3100	8000
2485x8500	251.20	32	2485	8500
3100x8000	251.20	32	3100	8800
2485x8000	314.00	40	2485	8000
2485x8000	392.50	50	2485	8000
2485x8000	471.00	60	2485	8000
2485x8000	549.50	70	2485	8000
2485x8000	588.75	75	2485	8000
2485x8000	628.00	80	2485	8000
2485x8000	706.50	90	2485	8000
2485x8000	785.00	100	2485	8000



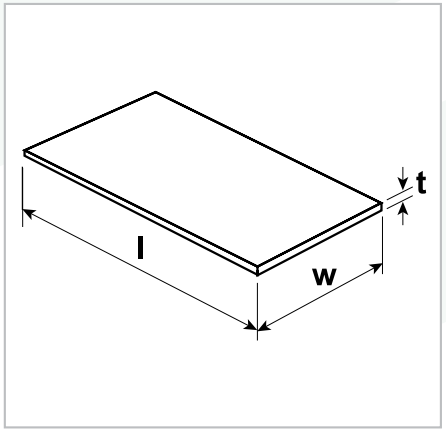


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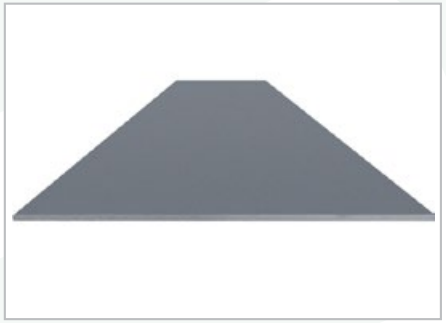
PLATE PRODUCTS

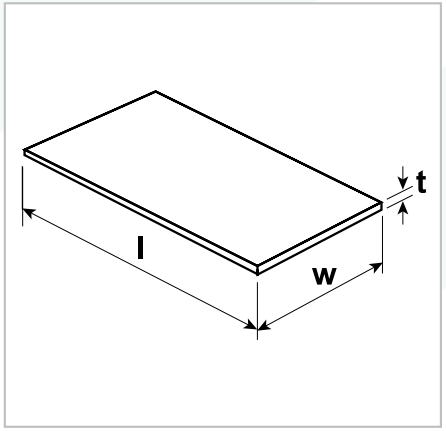
REFERENCE GUIDE: QUENCH & TEMPERED PLATE (Q&T) - 500 GRADE

SOUTHERN First for Steel

Southern Steel Cash & Carry

Product Description	Weight	Thickness t	Width w	Length l	Product Description	Weight	Thickness t	Width w	Length l
	kg/m²	mm	mm	mm		kg/m²	mm	mm	mm
2485x8000	62.80	8	2485	8000	2485x8000	314.00	40	2485	8000
2485x8000	78.50	10	2485	8000	2485x8000	392.50	50	2485	8000
2485x8000	94.20	12	2485	8000	2485x6000	471.00	60	2485	6000
2485x8000	125.60	16	2485	8000	1900x6000	549.50	70	1900	6000
2485x8000	157.00	20	2485	8000	1900x6000	588.75	75	1900	6000
2485x8000	196.25	25	2485	8000	1900x6000	628.00	80	1900	6000
2485x8000	251.20	32	2485	8000	1525x6000	785.00	100	1525	6000





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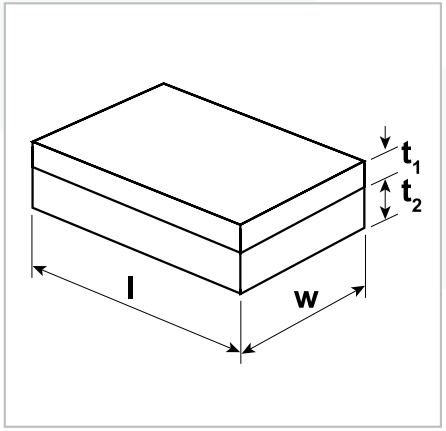
A Southern Steel Group Company

REFERENCE GUIDE: CLAD PLATE

SOUTHERN First for Steel
Southern Steel Cash & Carry

Product Description	Clad Thickness t^1	Base Thickness t^2	Width w	Length l	Product Description	Clad Thickness t^1	Base Thickness t^2	Width w	Length l
	mm	mm	mm	mm		mm	mm	mm	mm
1400x2900	4	6	1400	2900	1400x2900	9	10	1400	2900
1400x2900	6	6	1400	2900	1400x2900	12	12	1400	2900
1400x2900	7	8	1400	2900	1400x2900	17	12	1400	2900



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