# STEEL REFERENCE GUIDE

September 2026 Revision 10


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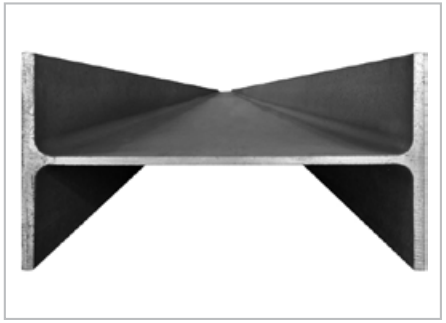
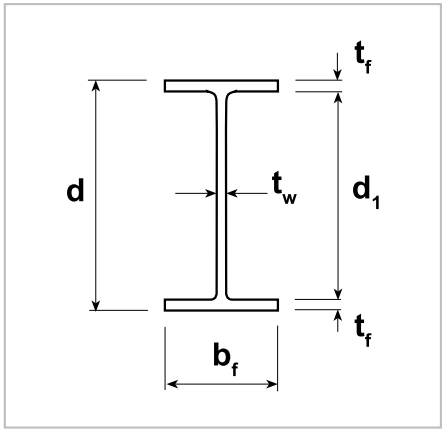
# STRUCTURAL STEEL
# REFERENCE GUIDE: UNIVERSAL BEAMS

| Designation | Weight | Surface Area | 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 | $m^2/m$ | mm | mm | mm | mm | mm |
| 610UB | 125.0 | 2.090 | 612 | 229 | 19.6 | 11.9 | 572 |
| | 113.0 | 2.080 | 607 | 228 | 17.3 | 11.2 | 572 |
| | 101.0 | 2.070 | 602 | 228 | 14.8 | 10.6 | 572 |
| 530UB | 92.4 | 1.860 | 533 | 209 | 15.6 | 10.2 | 502 |
| | 82.0 | 1.850 | 528 | 209 | 13.2 | 9.6 | 502 |
| 460UB | 82.1 | 1.650 | 460 | 191 | 16.0 | 9.9 | 428 |
| | 74.6 | 1.640 | 457 | 190 | 14.5 | 9.1 | 428 |
| | 67.1 | 1.630 | 454 | 190 | 12.7 | 8.5 | 428 |
| 410UB | 59.7 | 1.490 | 406 | 178 | 12.8 | 7.8 | 381 |
| | 53.7 | 1.480 | 403 | 178 | 10.9 | 7.6 | 381 |
| 360UB | 56.7 | 1.370 | 359 | 172 | 13.0 | 8.0 | 333 |
| | 50.7 | 1.360 | 356 | 171 | 11.5 | 7.3 | 333 |
| | 44.7 | 1.360 | 352 | 171 | 9.7 | 6.9 | 333 |
| 310UB | 46.2 | 1.250 | 307 | 166 | 11.8 | 6.7 | 284 |
| | 40.4 | 1.240 | 304 | 165 | 10.2 | 6.1 | 284 |
| | 32.0 | 1.160 | 298 | 149 | 8.0 | 5.5 | 282 |
| 250UB | 37.3 | 1.070 | 256 | 146 | 10.9 | 6.4 | 234 |
| | 31.4 | 1.060 | 252 | 146 | 8.6 | 6.1 | 234 |
| | 25.7 | 0.961 | 248 | 124 | 8.0 | 5.0 | 232 |
| 200UB | 29.8 | 0.923 | 207 | 134 | 9.6 | 6.3 | 188 |
| | 25.4 | 0.915 | 203 | 133 | 7.8 | 5.8 | 188 |
| | 22.3 | 0.911 | 202 | 133 | 7.0 | 5.0 | 188 |
| | 18.2 | 0.764 | 198 | 99 | 7.0 | 4.5 | 184 |
| 180UB | 22.2 | 0.691 | 179 | 90 | 10.0 | 6.0 | 159 |
| | 18.1 | 0.685 | 175 | 90 | 8.0 | 5.0 | 159 |
| | 16.1 | 0.680 | 173 | 90 | 7.0 | 4.5 | 159 |
| 150UB | 18.0 | 0.584 | 155 | 75 | 9.5 | 6.0 | 136 |
| | 14.0 | 0.576 | 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.*


22 Queen Street
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+61 2 9772 4188

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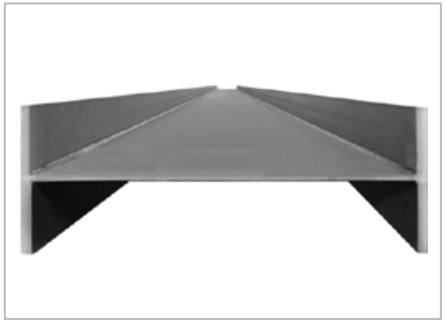
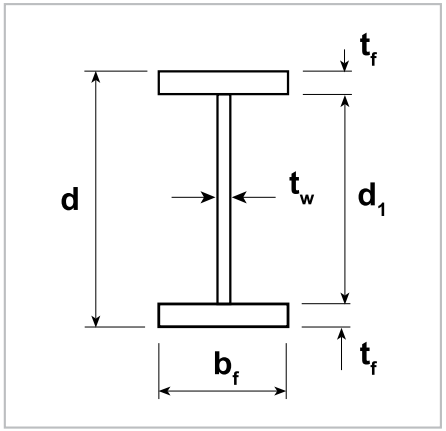
# STRUCTURAL STEEL
# REFERENCE GUIDE: WELDED BEAMS

| Designation | Weight | Surface Area | Depth of Section d | Width of Flange $b_f$ | Thickness of Flange $t_f$ | Web Thickness $t_w$ | Weld Size | Depth between Flanges $d_1$ |
|---|---|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm | mm | mm | mm |
| 1200WB | 455 | 4.368 | 1200 | 500 | 40 | 16 | 8 | 1120 |
| | 423 | 4.352 | 1192 | 500 | 36 | 16 | 8 | 1120 |
| | 392 | 4.336 | 1184 | 500 | 32 | 16 | 8 | 1120 |
| | 342 | 3.936 | 1184 | 400 | 32 | 16 | 8 | 1120 |
| | 317 | 3.920 | 1176 | 400 | 28 | 16 | 8 | 1120 |
| | 278 | 3.708 | 1170 | 350 | 25 | 16 | 8 | 1120 |
| | 249 | 3.408 | 1170 | 275 | 25 | 16 | 8 | 1120 |
| 1000WB | 322 | 3.616 | 1024 | 400 | 32 | 16 | 8 | 960 |
| | 296 | 3.600 | 1016 | 400 | 28 | 16 | 8 | 960 |
| | 258 | 3.388 | 1010 | 350 | 25 | 16 | 8 | 960 |
| | 215 | 3.168 | 1000 | 300 | 20 | 16 | 8 | 960 |
| 900WB | 282 | 3.424 | 924 | 400 | 32 | 12 | 6 | 860 |
| | 257 | 3.408 | 916 | 400 | 28 | 12 | 6 | 860 |
| | 218 | 3.196 | 910 | 350 | 25 | 12 | 6 | 860 |
| | 175 | 2.976 | 900 | 300 | 20 | 12 | 6 | 860 |
| 800WB | 192 | 2.812 | 816 | 300 | 28 | 10 | 6 | 760 |
| | 168 | 2.700 | 810 | 275 | 25 | 10 | 6 | 760 |
| | 146 | 2.680 | 800 | 275 | 20 | 10 | 6 | 760 |
| | 122 | 2.564 | 792 | 250 | 16 | 10 | 6 | 760 |
| 700WB | 173 | 2.512 | 716 | 275 | 28 | 10 | 6 | 660 |
| | 150 | 2.400 | 710 | 250 | 25 | 10 | 6 | 660 |
| | 130 | 2.380 | 700 | 250 | 20 | 10 | 6 | 660 |
| | 115 | 2.364 | 692 | 250 | 16 | 10 | 6 | 660 |






- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350, 350L0 and 400 available on request.*
- *Non-standard lengths or cut to size on request.*
- *Manufactured from stripped plate.*


22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

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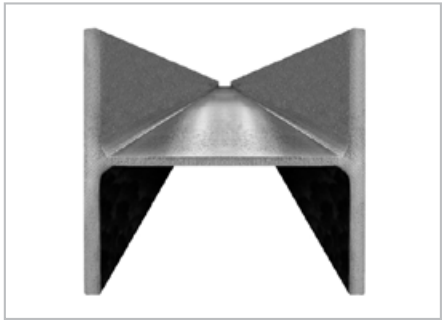
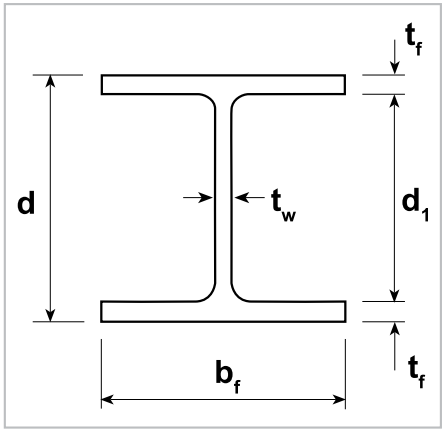
# STRUCTURAL STEEL
# REFERENCE GUIDE: UNIVERSAL COLUMNS

| Designation | Weight | Surface Area | 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 | $m^2/m$ | mm | mm | mm | mm | mm |
| 310UC | 158.0 | 1.840 | 327 | 311 | 25.0 | 15.7 | 227 |
| | 137.0 | 1.820 | 321 | 309 | 21.7 | 13.8 | 227 |
| | 118.0 | 1.810 | 315 | 307 | 18.7 | 11.9 | 227 |
| | 96.8 | 1.790 | 308 | 305 | 15.4 | 9.9 | 227 |
| 250UC | 89.5 | 1.500 | 260 | 256 | 17.3 | 10.5 | 225 |
| | 72.9 | 1.480 | 254 | 254 | 14.2 | 8.6 | 225 |
| 200UC | 59.5 | 1.200 | 210 | 205 | 14.2 | 9.3 | 181 |
| | 52.2 | 1.190 | 206 | 204 | 12.5 | 8.0 | 181 |
| | 46.2 | 1.190 | 203 | 203 | 11.0 | 7.3 | 181 |
| 150UC | 37.2 | 0.912 | 162 | 154 | 11.5 | 8.1 | 139 |
| | 30.0 | 0.900 | 158 | 153 | 9.4 | 6.6 | 139 |
| | 23.4 | 0.889 | 152 | 152 | 6.8 | 6.1 | 139 |
| 100UC | 14.8 | 0.563 | 97 | 99 | 7.0 | 5.0 | 83 |



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22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

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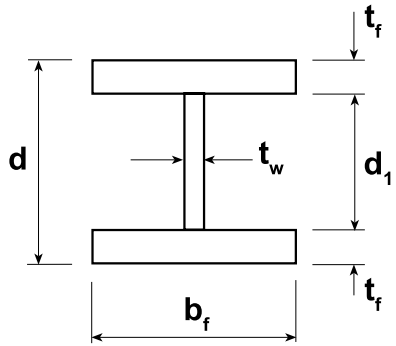
# STRUCTURAL STEEL
# REFERENCE GUIDE: WELDED COLUMNS

| Designation | Weight | Surface Area | Depth of Section d | Width of Flange $b_f$ | Thickness of Flange $t_f$ | Web Thickness $t_w$ | Weld Size | Depth between Flanges $d_1$ |
|---|---|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm | mm | mm | mm |
| 500WC | 440 | 2.880 | 480 | 500 | 40 | 40 | 8 | 400 |
| | 414 | 2.896 | 480 | 500 | 40 | 32 | 8 | 400 |
| | 383 | 2.880 | 472 | 500 | 36 | 32 | 8 | 400 |
| | 340 | 2.978 | 514 | 500 | 32 | 25 | 8 | 450 |
| | 290 | 2.972 | 506 | 500 | 28 | 20 | 8 | 450 |
| | 267 | 2.960 | 500 | 500 | 25 | 20 | 8 | 450 |
| | 228 | 2.940 | 490 | 500 | 20 | 20 | 8 | 450 |
| 400WC | 361 | 2.380 | 430 | 400 | 40 | 40 | 8 | 350 |
| | 328 | 2.404 | 430 | 400 | 40 | 28 | 8 | 350 |
| | 303 | 2.388 | 422 | 400 | 36 | 28 | 8 | 350 |
| | 270 | 2.378 | 414 | 400 | 32 | 25 | 8 | 350 |
| | 212 | 2.360 | 400 | 400 | 25 | 20 | 8 | 350 |
| | 181 | 2.340 | 390 | 400 | 20 | 20 | 8 | 350 |
| | 144 | 2.332 | 382 | 400 | 16 | 16 | 8 | 350 |
| 350WC | 280 | 2.054 | 355 | 350 | 40 | 28 | 8 | 275 |
| | 258 | 2.038 | 347 | 350 | 36 | 28 | 8 | 275 |
| | 230 | 2.028 | 339 | 350 | 32 | 25 | 8 | 275 |
| | 197 | 2.022 | 331 | 350 | 28 | 20 | 8 | 275 |

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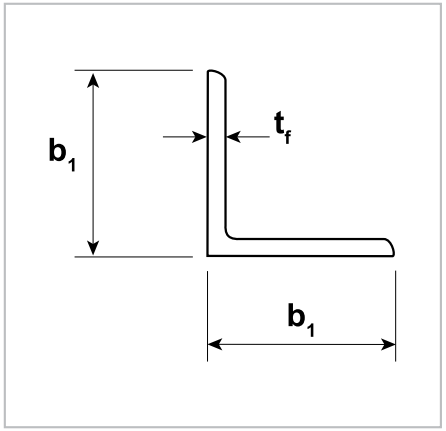
# STRUCTURAL STEEL
# REFERENCE GUIDE: EQUAL ANGLES

| Designation | Weight | Surface Area | Side A $b_1$ | Side B $b_1$ | Thickness of Flange $t_f$ |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm |
| 200x200x26 | 76.8 | 0.788 | 200 | 200 | 26.0 |
| 200x200x20 | 60.1 | 0.788 | 200 | 200 | 20.0 |
| 200x200x18 | 54.4 | 0.788 | 200 | 200 | 18.0 |
| 200x200x16 | 48.7 | 0.788 | 200 | 200 | 16.0 |
| 200x200x13 | 40.0 | 0.788 | 200 | 200 | 13.0 |
| 150x150x19 | 42.1 | 0.586 | 150 | 150 | 19.0 |
| 150x150x16 | 35.4 | 0.586 | 150 | 150 | 16.0 |
| 150x150x12 | 27.3 | 0.590 | 150 | 150 | 12.0 |
| 150x150x10 | 21.9 | 0.590 | 150 | 150 | 10.0 |
| 125x125x16 | 29.1 | 0.491 | 125 | 125 | 16.0 |
| 125x125x12 | 22.5 | 0.491 | 125 | 125 | 12.0 |
| 125x125x10 | 18.0 | 0.491 | 125 | 125 | 10.0 |
| 125x125x8 | 14.9 | 0.491 | 125 | 125 | 8.0 |

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+61 2 9772 4188
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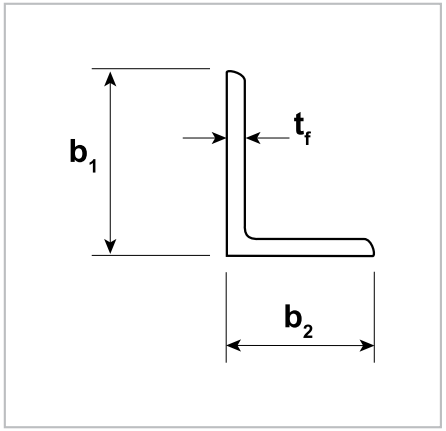
# STRUCTURAL STEEL
# REFERENCE GUIDE: UNEQUAL ANGLES

| Designation | Weight | Surface Area | Side A $b_1$ | Side B $b_2$ | Thickness of Flange $t_f$ |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm |
| 150x100x12 | 22.5 | 0.491 | 150 | 100 | 12.0 |
| 150x100x10 | 18.0 | 0.491 | 150 | 100 | 9.5 |
| 150x90x12 | 21.6 | 0.471 | 150 | 90 | 12.0 |
| 150x90x10 | 17.3 | 0.471 | 150 | 90 | 9.5 |
| 150x90x8 | 14.3 | 0.471 | 150 | 90 | 7.8 |
| 125x75x12 | 17.7 | 0.392 | 125 | 75 | 12.0 |
| 125x75x10 | 14.2 | 0.392 | 125 | 75 | 9.5 |
| 125x75x8 | 11.8 | 0.392 | 125 | 75 | 7.8 |
| 125x75x6 | 9.16 | 0.392 | 125 | 75 | 6.0 |

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+61 2 9772 4188
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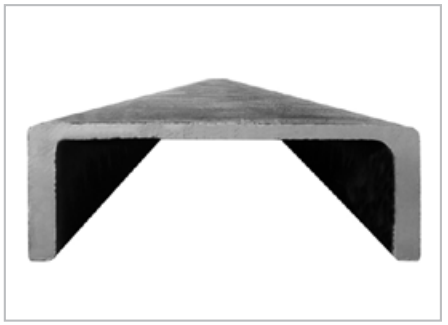
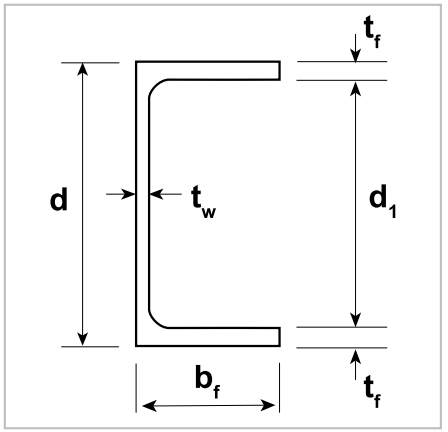
# STRUCTURAL STEEL
# REFERENCE GUIDE: PARALLEL FLANGE CHANNELS

| Designation | Weight | Surface Area | 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 | $m^2/m$ | mm | mm | mm | mm | mm |
| 380PFC | 55.2 | 1.130 | 380 | 100 | 17.5 | 10.0 | 345 |
| 300PFC | 40.1 | 0.932 | 300 | 90 | 16.0 | 8.0 | 268 |
| 250PFC | 35.5 | 0.834 | 250 | 90 | 15.0 | 8.0 | 220 |
| 230PFC | 25.1 | 0.737 | 230 | 75 | 12.0 | 6.5 | 206 |
| 200PFC | 22.9 | 0.678 | 200 | 75 | 12.0 | 6.0 | 176 |
| 180PFC | 20.9 | 0.638 | 180 | 75 | 11.0 | 6.0 | 158 |
| 150PFC | 17.7 | 0.579 | 150 | 75 | 9.5 | 6.0 | 131 |



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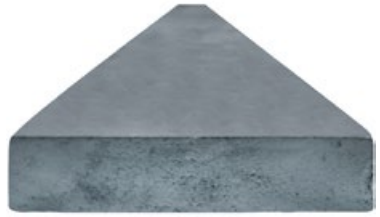
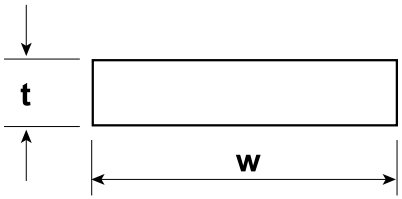
MERCHANT BAR

# REFERENCE GUIDE: SQUARE EDGE FLATS

| Designation | Weight | Surface Area | Width w | Thickness t | Metres per Tonne | Approx Lens |
|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | m/t | per bundle |
| 10x3* | 0.241 | 0.026 | 10 | 3 | 4149.4 | 964 = 1t |
| 13x3* | 0.313 | 0.032 | 13 | 3 | 3194.9 | 798 = 1t |
| 13x5* | 0.468 | 0.036 | 13 | 5 | 2136.8 | 478 = 1t |
| 13x6 | 0.628 | 0.038 | 13 | 6 | 1593.4 | 398 = 1t |
| 16x3* | 0.386 | 0.038 | 16 | 3 | 2590.7 | 647 = 1t |
| 16x5* | 0.643 | 0.042 | 16 | 5 | 1555.2 | 388 = 1t |
| 16x8 | 1.030 | 0.048 | 16 | 8 | 970.9 | 160 = 0.989t |
| 20x3 | 0.483 | 0.046 | 20 | 3 | 2070.4 | 346 = 1.002t |
| 20x5 | 0.805 | 0.050 | 20 | 5 | 1242.2 | 208 = 1.004t |
| 20x6 | 0.966 | 0.052 | 20 | 6 | 1035.2 | 173 = 1.002t |
| 20x10 | 1.609 | 0.060 | 20 | 10 | 621.5 | 208 = 2.008t |
| 25x3 | 0.604 | 0.058 | 25 | 3 | 1655.6 | 277 = 1.003t |
| 25x5 | 1.006 | 0.060 | 25 | 5 | 994.0 | 332 = 2.004t |
| 25x6 | 1.207 | 0.062 | 25 | 6 | 828.5 | 278 = 2.013t |
| 25x8 | 1.609 | 0.066 | 25 | 8 | 621.5 | 208 = 2.008t |
| 25x10 | 2.012 | 0.070 | 25 | 10 | 497.0 | 166 = 2.004t |
| 25x12 | 2.414 | 0.074 | 25 | 12 | 414.3 | 138 = 1.999t |
| 32x3 | 0.772 | 0.072 | 32 | 3 | 1295.3 | 219 = 1.015t |
| 32x5 | 1.287 | 0.074 | 32 | 5 | 777.0 | 265 = 2.047t |
| 32x6 | 1.545 | 0.076 | 32 | 6 | 647.2 | 215 = 1.993t |
| 32x8 | 2.060 | 0.080 | 32 | 8 | 485.4 | 162 = 2.002t |
| 32x10 | 2.575 | 0.084 | 32 | 10 | 388.3 | 129 = 1.993t |
| 32x12 | 3.090 | 0.088 | 32 | 12 | 323.6 | 108 = 2.002t |
| 40x3 | 0.966 | 0.088 | 40 | 3 | 1035.2 | 173 = 1.002t |
| 40x5 | 1.609 | 0.090 | 40 | 5 | 621.5 | 208 = 2.008t |
| 40x6 | 1.931 | 0.092 | 40 | 6 | 517.9 | 173 = 2.005t |
| 40x8 | 2.575 | 0.096 | 40 | 8 | 388.3 | 129 = 1.993t |
| 40x10 | 3.219 | 0.100 | 40 | 10 | 310.7 | 103 = 1.989t |
| 40x12 | 3.862 | 0.104 | 40 | 12 | 258.9 | 87 = 2.016t |






- *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.*

22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

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www.rollco.com.au

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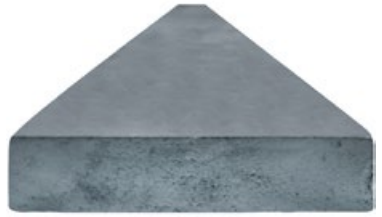
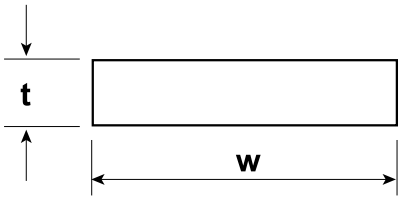
MERCHANT BAR

# REFERENCE GUIDE: SQUARE EDGE FLATS

| Designation | Weight | Surface Area | Width w | Thickness t | Metres per Tonne | Approx Lens |
|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | m/t | per bundle |
| 40x16 | 5.150 | 0.112 | 40 | 16 | 194.2 | 66 = 2.039t |
| 40x20 | 6.437 | 0.120 | 40 | 20 | 155.4 | 52 = 2.008t |
| 50x3 | 1.207 | 0.108 | 50 | 3 | 828.5 | 280 = 2.027t |
| 50x5 | 2.012 | 0.110 | 50 | 5 | 497.0 | 166 = 2.004t |
| 50x6 | 2.414 | 0.112 | 50 | 6 | 414.3 | 139 = 2.013t |
| 50x8 | 3.219 | 0.116 | 50 | 8 | 310.7 | 104 = 2.008t |
| 50x10 | 4.023 | 0.120 | 50 | 10 | 248.6 | 83 = 2.004t |
| 50x12 | 4.828 | 0.124 | 50 | 12 | 207.1 | 69 = 1.999t |
| 50x16 | 6.437 | 0.132 | 50 | 16 | 155.4 | 52 = 2.008t |
| 50x20 | 8.046 | 0.140 | 50 | 20 | 124.3 | 42 = 2.028t |
| 50x25 | 10.058 | 0.150 | 50 | 25 | 99.4 | 34 = 2.052t |
| 65x3 | 1.569 | 0.136 | 65 | 3 | 637.3 | 213 = 2.005t |
| 65x5 | 2.615 | 0.140 | 65 | 5 | 382.4 | 127 = 1.993t |
| 65x6 | 3.138 | 0.142 | 65 | 6 | 318.7 | 107 = 2.015t |
| 65x8 | 4.184 | 0.146 | 65 | 8 | 239.0 | 80 = 2.008t |
| 65x10 | 5.230 | 0.150 | 65 | 10 | 191.2 | 65 = 2.040t |
| 65x12 | 6.276 | 0.154 | 65 | 12 | 159.3 | 53 = 1.996t |
| 65x16 | 8.368 | 0.162 | 65 | 16 | 119.5 | 41 = 2.059t |
| 65x20 | 10.46 | 0.170 | 65 | 20 | 95.6 | 35 = 2.197t |
| 75x5 | 3.017 | 0.160 | 75 | 5 | 331.5 | 110 = 1.991t |
| 75x6 | 3.621 | 0.162 | 75 | 6 | 276.2 | 92 = 1.999t |
| 75x8 | 4.828 | 0.166 | 75 | 8 | 207.1 | 71 = 2.057t |
| 75x10 | 6.035 | 0.170 | 75 | 10 | 165.7 | 55 = 1.991t |
| 75x12 | 7.242 | 0.174 | 75 | 12 | 138.1 | 46 = 1.999t |
| 75x16 | 9.656 | 0.182 | 75 | 16 | 103.6 | 34 = 1.970t |
| 75x20 | 12.069 | 0.190 | 75 | 20 | 82.9 | 28 = 2.028t |
| 75x25 | 15.087 | 0.200 | 75 | 25 | 66.3 | 23 = 2.029t |
| 90x6 | 4.345 | 0.192 | 90 | 6 | 230.1 | 78 = 2.033t |
| 90x8 | 5.793 | 0.196 | 90 | 8 | 172.6 | 59 = 2.051t |






- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 3679.1 2016 in Grade 300.*
- *Grade 350 & 350L0 available on request.*
- *16x8 and above flats 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.*

22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

rollco@rollco.com.au
www.rollco.com.au

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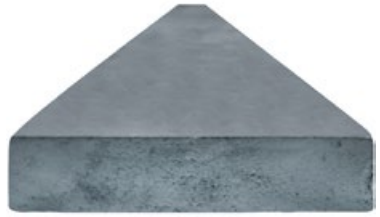
September 2026 Revision 10

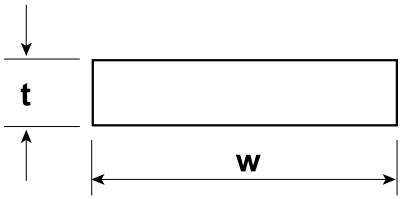
A Southern Steel Group Company

MERCHANT BAR

# REFERENCE GUIDE: SQUARE EDGE FLATS

| Designation | Weight | Surface Area | Width w | Thickness t | Metres per Tonne | Approx Lens |
|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | m/t | per bundle |
| 90x10 | 7.242 | 0.200 | 90 | 10 | 138.1 | 46 = 1.999t |
| 90x12 | 8.690 | 0.204 | 90 | 12 | 115.1 | 38 = 1.981t |
| 100x5 | 4.023 | 0.210 | 100 | 5 | 248.6 | 85 = 2.052t |
| 100x6 | 4.828 | 0.212 | 100 | 6 | 207.1 | 71 = 2.057t |
| 100x8 | 6.437 | 0.216 | 100 | 8 | 155.4 | 52 = 2.008t |
| 100x10 | 8.046 | 0.220 | 100 | 10 | 124.3 | 43 = 2.076t |
| 100x12 | 9.656 | 0.224 | 100 | 12 | 103.6 | 36 = 2.086t |
| 100x16 | 12.874 | 0.232 | 100 | 16 | 77.7 | 26 = 2.008t |
| 100x20 | 16.093 | 0.240 | 100 | 20 | 62.1 | 22 = 2.124t |
| 100x25 | 20.116 | 0.250 | 100 | 25 | 49.7 | 17 = 2.052t |
| 110x6 | 5.180 | 0.232 | 110 | 6 | 193.1 | 64 = 2.034t |
| 110x8 | 7.081 | 0.236 | 110 | 8 | 141.2 | 48 = 2.039t |
| 110x10 | 8.851 | 0.240 | 110 | 10 | 113.0 | 39 = 2.071t |
| 110x12 | 10.621 | 0.244 | 110 | 12 | 94.2 | 34 = 2.167t |
| 130x5 | 5.230 | 0.270 | 130 | 5 | 191.2 | 65 = 2.040t |
| 130x6 | 6.276 | 0.272 | 130 | 6 | 159.3 | 55 = 2.071t |
| 130x8 | 8.368 | 0.276 | 130 | 8 | 119.5 | 41 = 2.059t |
| 130x10 | 10.460 | 0.280 | 130 | 10 | 95.6 | 33 = 2.071t |
| 130x12 | 12.552 | 0.284 | 130 | 12 | 79.7 | 28 = 2.109t |
| 130x16 | 16.736 | 0.292 | 130 | 16 | 59.8 | 20 = 2.008t |
| 130x20 | 20.920 | 0.300 | 130 | 20 | 47.8 | 16 = 2.008t |
| 130x25 | 26.150 | 0.310 | 130 | 25 | 38.2 | 13 = 2.040t |
| 150x5 | 6.035 | 0.310 | 15 | 5 | 165.7 | 56 = 2.028t |
| 150x6 | 7.242 | 0.312 | 15 | 6 | 138.1 | 46 = 1.999t |
| 150x8 | 9.656 | 0.316 | 15 | 8 | 103.6 | 36 = 2.086t |
| 150x10 | 12.069 | 0.320 | 15 | 10 | 82.9 | 29 = 2.100t |
| 150x12 | 14.483 | 0.324 | 15 | 12 | 69.0 | 23 = 1.999t |
| 150x16 | 19.311 | 0.332 | 15 | 16 | 51.8 | 16 = 2.202t |
| 150x20 | 24.139 | 0.340 | 15 | 20 | 41.4 | 14 = 2.028t |



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22 Queen Street
Revesby NSW 2212

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rollco@rollco.com.au
www.rollco.com.au

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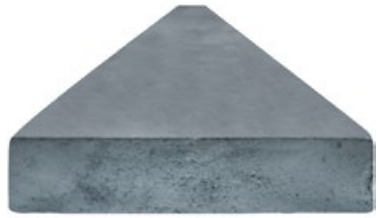
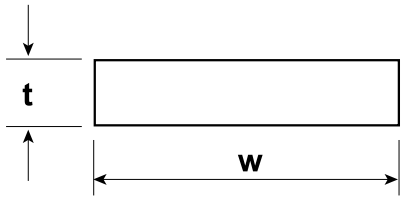
MERCHANT BAR

# REFERENCE GUIDE: SQUARE EDGE FLATS

| Designation | Weight | Surface Area | Width w | Thickness t | Metres per Tonne | Approx Lens |
|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | m/t | per bundle |
| 150x25 | 30.173 | 0.350 | 15 | 25 | 33.1 | 11 = 1.991t |
| 180x6 | 8.690 | 0.372 | 180 | 6 | 115.1 | 40 = 2.086t |
| 180x10 | 14.483 | 0.380 | 180 | 10 | 69.0 | 24 = 2.086t |
| 180x12 | 17.380 | 0.384 | 180 | 12 | 57.5 | 20 = 2.086t |
| 180x16 | 23.173 | 0.392 | 180 | 16 | 43.2 | 11 = 1.529t |
| 180x20 | 28.967 | 0.400 | 180 | 20 | 34.5 | 12 = 2.086t |
| 180x25 | 36.208 | 0.450 | 180 | 25 | 27.6 | 9 = 1.955t |
| 200x6 | 9.656 | 0.412 | 200 | 6 | 103.6 | 35 = 2.086t |
| 200x8 | 12.874 | 0.416 | 200 | 8 | 77.7 | 26 = 2.008t |
| 200x10 | 16.093 | 0.420 | 200 | 10 | 62.1 | 21 = 2.086t |
| 200x12 | 19.311 | 0.424 | 200 | 12 | 51.8 | 13 = 2.008t |
| 200x16 | 25.748 | 0.432 | 200 | 16 | 38.8 | 14 = 2.163t |
| 200x20 | 32.185 | 0.440 | 200 | 20 | 31.1 | 11 = 2.124t |
| 200x25 | 40.231 | 0.450 | 200 | 25 | 24.9 | 8 = 1.931t |
| 250x6 | 12.069 | 0.512 | 250 | 6 | 82.9 | 28 = 2.028t |
| 250x8 | 16.093 | 0.516 | 250 | 8 | 62.1 | 23 = 2.221t |
| 250x10 | 20.116 | 0.520 | 250 | 10 | 49.7 | 18 = 2.172t |
| 250x12 | 24.139 | 0.524 | 250 | 12 | 41.4 | 16 = 2.317t |
| 250x16 | 32.185 | 0.528 | 250 | 16 | 31.1 | 11 = 2.124t |
| 250x20 | 40.231 | 0.532 | 250 | 20 | 24.9 | 8 = 1.931t |
| 250x25 | 50.289 | 0.536 | 250 | 25 | 19.9 | 7 = 2.112t |
| 300x6 | 14.483 | 0.612 | 300 | 6 | 69.0 | 24 = 2.086t |
| 300x8 | 19.311 | 0.616 | 300 | 8 | 51.8 | 19 = 2.202t |
| 300x10 | 24.139 | 0.620 | 300 | 10 | 41.4 | 16 = 2.317t |
| 300x12 | 28.967 | 0.624 | 300 | 12 | 34.5 | 12 = 2.086t |
| 300x16 | 38.622 | 0.628 | 300 | 16 | 25.9 | 10 = 2.317t |
| 300x20 | 48.278 | 0.632 | 300 | 20 | 20.7 | 8 = 2.317t |
| 300x25 | 60.347 | 0.636 | 300 | 25 | 16.6 | 7 = 2.535t |



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- *Grade 350 & 350L0 available on request.*
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- *Non-standard lengths or cut to size on request.*
- *All lens/bundle are approx.*

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Revesby NSW 2212

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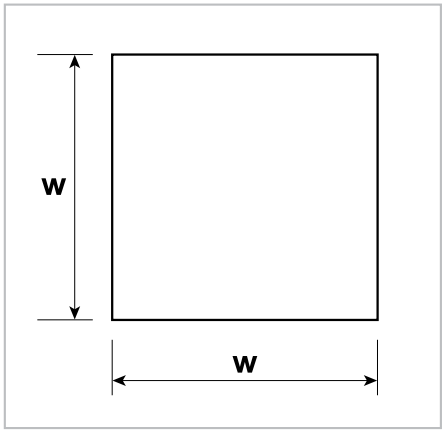
MERCHANT BAR

# REFERENCE GUIDE: SQUARE MILD STEEL

| Designation | Weight | Surface Area | Width w | Metres per Tonne | Approx Lens |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | m/t | per bundle |
| 10x10 | 0.805 | 0.004 | 10 | 1242.2 | 415 = 2.004t |
| 12x12 | 1.159 | 0.048 | 12 | 862.8 | 291 = 2.023t |
| 16x16 | 2.060 | 0.064 | 16 | 485.4 | 163 = 2.015t |
| 20x20 | 3.219 | 0.080 | 20 | 310.7 | 104 = 2.008t |
| 25x25 | 5.029 | 0.100 | 25 | 198.8 | 66 = 1.991t |
| 40x40 | 12.874 | 0.160 | 40 | 77.7 | 26 = 1.965t |
| 50x50 | 20.115 | 0.200 | 50 | 49.7 | 16 = 1.936t |




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

22 Queen Street
Revesby NSW 2212
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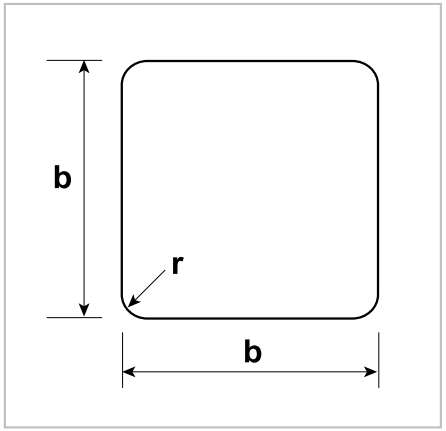
# MERCHANT BAR
# REFERENCE GUIDE: BILLETS

| Designation | Weight | Surface Area | Size b | Metres per Tonne | Corner Radius r |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | m/t | mm |
| 45x45 | 16.294 | 0.18 | 45 | 61.4 | 5.5 |
| 50x50 | 20.115 | 0.20 | 50 | 49.7 | 6.5 |
| 63x63 | 31.936 | 0.26 | 63 | 31.3 | 8.0 |
| 75x75 | 45.260 | 0.30 | 75 | 22.1 | 9.5 |




- *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.*

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Revesby NSW 2212
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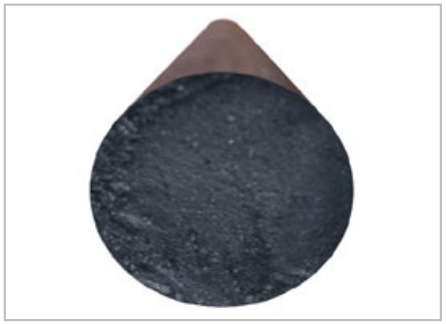
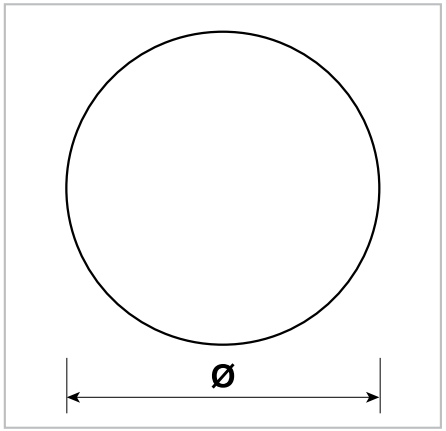
MERCHANT BAR

# REFERENCE GUIDE: ROUND MILD STEEL

| Diameter Ø | Weight | Surface Area | Metres per Tonne | Approx Lengths |
|---|---|---|---|---|
| mm | kg/m | $m^2/m$ | m/t | per bundle |
| 6 | 0.233 | 0.020 | 4291.8 | 664 = 1.000t |
| 8 | 0.394 | 0.025 | 2538.1 | 423 = 1.000t |
| 10 | 0.632 | 0.031 | 1582.3 | 530 = 2.009t |
| 12 | 0.910 | 0.039 | 1098.9 | 367 = 2.004t |
| 14 | 1.239 | 0.044 | 807.1 | 271 = 2.014t |
| 16 | 1.618 | 0.050 | 618.0 | 206 = 1.999t |
| 18 | 2.047 | 0.057 | 488.5 | 168 = 2.064t |
| 20 | 2.528 | 0.063 | 395.6 | 132 = 2.002t |
| 22 | 3.059 | 0.069 | 326.9 | 110 = 2.019t |
| 24 | 3.640 | 0.075 | 274.7 | 93 = 2.031t |
| 27 | 4.607 | 0.085 | 217.1 | 73 = 2.018t |
| 30 | 5.687 | 0.094 | 175.8 | 60 = 2.047t |
| 33 | 6.882 | 0.104 | 145.3 | 50 = 2.064t |
| 36 | 8.190 | 0.113 | 122.1 | 42 = 2.064t |
| 39 | 9.611 | 0.123 | 104.0 | 36 = 2.076t |
| 42 | 11.147 | 0.132 | 89.7 | 30 = 2.006t |
| 45 | 12.796 | 0.141 | 78.1 | 26 = 1.996t |
| 48 | 14.559 | 0.151 | 68.7 | 23 = 2.009t |
| 50 | 15.798 | 0.157 | 63.3 | 22 = 2.085t |
| 56 | 19.817 | 0.176 | 50.5 | 17 = 2.021t |
| 60 | 22.749 | 0.188 | 44.0 | 15 = 2.047t |
| 65 | 26.698 | 0.204 | 37.5 | 14 = 2.243t |
| 75 | 35.545 | 0.236 | 28.1 | 10 = 2.133t |



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- *Typically supplied in 6m lengths.*
- *Longer lengths available on request.*

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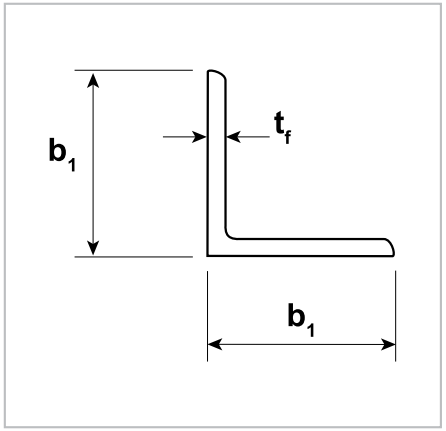
# REFERENCE GUIDE: EQUAL ANGLES

| Designation | Weight | Surface Area | Side A $b_1$ | Side B $b_1$ | Thickness of Flange $t_f$ |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm |
| 100x100x12 | 17.7 | 0.392 | 100 | 100 | 12.0 |
| 100x100x10 | 14.2 | 0.392 | 100 | 100 | 9.5 |
| 100x100x8 | 11.8 | 0.392 | 100 | 100 | 7.8 |
| 100x100x6 | 9.16 | 0.392 | 100 | 100 | 6.0 |
| 90x90x10 | 12.7 | 0.352 | 90 | 90 | 9.5 |
| 90x90x8 | 10.6 | 0.352 | 90 | 90 | 7.8 |
| 90x90x6 | 8.22 | 0.352 | 90 | 90 | 6.0 |
| 75x75x10 | 10.5 | 0.292 | 75 | 75 | 9.5 |
| 75x75x8 | 8.73 | 0.292 | 75 | 75 | 7.8 |
| 75x75x6 | 6.81 | 0.292 | 75 | 75 | 6.0 |
| 75x75x5 | 5.27 | 0.292 | 75 | 75 | 4.6 |
| 65x65x10 | 9.02 | 0.255 | 65 | 65 | 9.5 |
| 65x65x8 | 7.51 | 0.255 | 65 | 65 | 7.8 |
| 65x65x6 | 5.87 | 0.255 | 65 | 65 | 6.0 |
| 65x65x5 | 4.56 | 0.255 | 65 | 65 | 4.6 |
| 55x55x5 | 3.84 | 0.215 | 55 | 55 | 4.6 |
| 50x50x8 | 5.68 | 0.195 | 50 | 50 | 7.8 |
| 50x50x6 | 4.46 | 0.195 | 50 | 50 | 6.0 |
| 50x50x5 | 3.48 | 0.195 | 50 | 50 | 4.6 |
| 50x50x3 | 2.31 | 0.195 | 50 | 50 | 3.0 |
| 40x40x6 | 3.50 | 0.155 | 40 | 40 | 6.0 |
| 40x40x5 | 2.73 | 0.155 | 40 | 40 | 4.6 |
| 40x40x3 | 1.83 | 0.155 | 40 | 40 | 3.0 |
| 30x30x5 | 2.01 | 0.115 | 30 | 30 | 4.6 |
| 30x30x3 | 1.35 | 0.115 | 30 | 30 | 3.0 |
| 25x25x5 | 1.65 | 0.095 | 25 | 25 | 4.6 |
| 25x25x3 | 1.12 | 0.095 | 25 | 25 | 3.0 |

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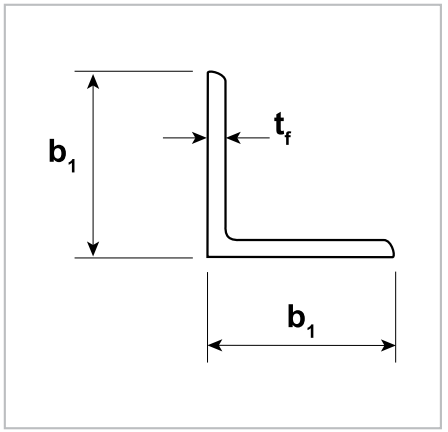
# REFERENCE GUIDE: UNEQUAL ANGLES

| Designation | Weight | Surface Area | Side A $b_1$ | Side B $b_2$ | Thickness of Flange $t_f$ |
|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm |
| 100x75x10 | 12.4 | 0.342 | 100 | 75 | 9.5 |
| 100x75x6 | 10.3 | 0.342 | 100 | 75 | 7.8 |
| 100x75x5 | 7.98 | 0.342 | 100 | 75 | 6.0 |
| 75x50x8 | 7.23 | 0.242 | 75 | 50 | 7.8 |
| 75x50x6 | 5.66 | 0.242 | 75 | 50 | 6.0 |
| 75x50x5 | 4.40 | 0.242 | 75 | 50 | 4.6 |

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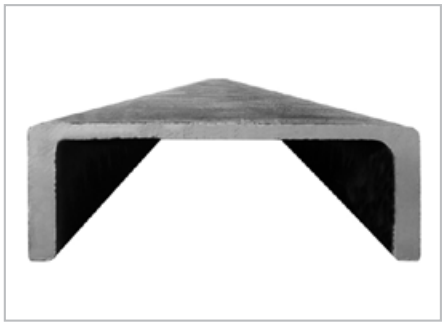
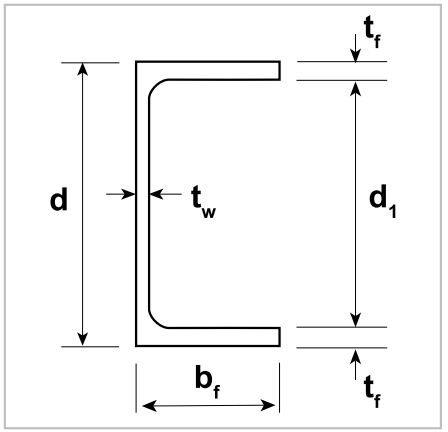
- *Non-standard lengths or cut to size on request.*

MERCHANT BAR

# REFERENCE GUIDE: PARALLEL FLANGE CHANNELS

| Designation | Weight | Surface Area | 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 | $m^2/m$ | mm | mm | mm | mm | mm |
| 125PFC | 11.9 | 0.494 | 125 | 65 | 7.5 | 4.7 | 110 |
| 100PFC | 8.33 | 0.385 | 100 | 50 | 6.7 | 4.2 | 87 |
| 75PFC | 5.92 | 0.296 | 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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Revesby NSW 2212

+61 2 9772 4188

rollco@rollco.com.au
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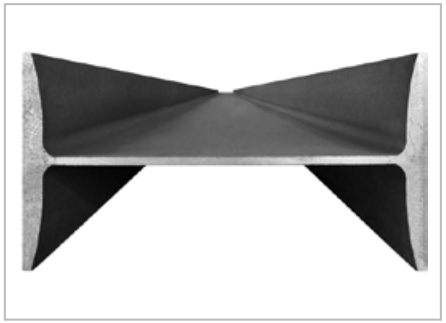
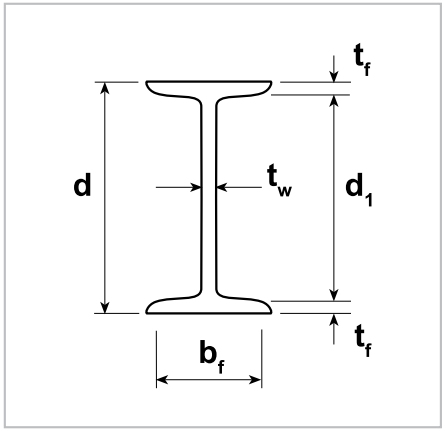
September 2026 Revision 10

# REFERENCE GUIDE: TAPERED FLANGE BEAMS

| Designation | Weight | Surface Area | 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 | $m^2/m$ | mm | mm | mm | mm | mm |
| 125TFB | 13.1 | 0.470 | 125 | 65 | 8.5 | 5.0 | 108 |
| 100TFB | 7.2 | 0.349 | 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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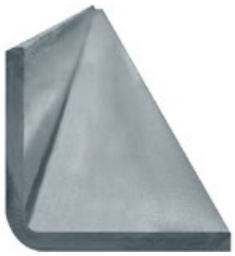
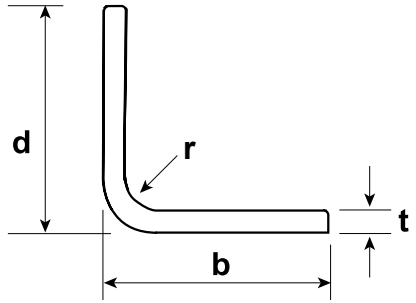
## DURAGAL® PROFILES

# REFERENCE GUIDE: DURAGAL® ANGLES

| Designation | Weight | Surface Area | Depth d | Width b | Thickness t | Length | Quantity |
|---|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm | m | per pack |
| 25x25x2.5 | 0.894 | 0.095 | 25 | 25 | 2.5 | 6 | 80 |
| 30x30x2.5 | 1.093 | 0.117 | 30 | 30 | 2.5 | 6 | 80 |
| 40x40x2.5 | 1.490 | 0.157 | 40 | 40 | 2.5 | 6 | 60 |
| 40x40x4.0 | 2.310 | 0.155 | 40 | 40 | 4.0 | 6 | 39 |
| 45x45x2.5 | 1.689 | 0.175 | 45 | 45 | 2.5 | 6 | 54 |
| 50x50x2.5 | 1.888 | 0.197 | 50 | 50 | 2.5 | 6 | 33 |
| 50x50x2.5 | 1.888 | 0.197 | 50 | 50 | 2.5 | 9 | 33 |
| 50x50.4.0 | 2.943 | 0.195 | 50 | 50 | 4.0 | 6 | 27 |
| 50x50.4.0 | 2.943 | 0.195 | 50 | 50 | 4.0 | 9 | 27 |
| 50x50x5.0 | 3.594 | 0.195 | 50 | 50 | 5.0 | 6 | 24 |
| 50x50x5.0 | 3.594 | 0.195 | 50 | 50 | 5.0 | 9 | 24 |
| 50x50x5.0 | 3.594 | 0.195 | 50 | 50 | 5.0 | 12 | 24 |
| 50x50x6.0 | 4.210 | 0.195 | 50 | 50 | 6.0 | 9 | 21 |
| 65x65x4.0 | 3.892 | 0.255 | 65 | 65 | 4.0 | 9 | 22 |
| 65x65x5.0 | 4.779 | 0.255 | 65 | 65 | 5.0 | 9 | 22 |
| 75x75x4.0 | 4.525 | 0.295 | 75 | 75 | 4.0 | 9 | 22 |
| 75x75x5.0 | 5.569 | 0.293 | 75 | 75 | 4.0 | 9 | 22 |
| 75x75x6.0 | 6.664 | 0.292 | 75 | 75 | 6.0 | 9 | 18 |
| 100x100x6.0 | 9.078 | 0.392 | 100 | 100 | 6.0 | 12 | 16 |
| 125x75x6.0 | 9.078 | 0.392 | 125 | 75 | 6.0 | 12 | 16 |
| 150X100x6.0 | 11.492 | 0.500 | 150 | 100 | 6.0 | 12 | 16 |






- *Radius 'r' is a minimum 3.5mm.*
- *A minimum of 100g/$m^2$ 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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Revesby NSW 2212
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rollco@rollco.com.au
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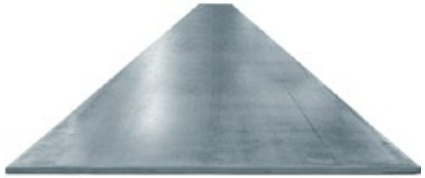
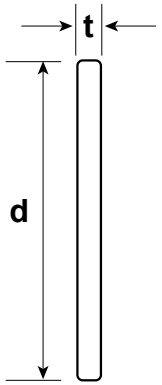
# DURAGAL® PROFILES
# REFERENCE GUIDE: DURAGAL® FLATS

| Designation | Weight | Surface Area | Depth d | Thickness t | Length | Quantity |
|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | m | per pack |
| 50x4.0 | 1.582 | 0.108 | 50 | 4.0 | 6 | 57 |
| 50x5.0 | 1.975 | 0.110 | 50 | 5.0 | 6 | 45 |
| 65x5.0 | 2.567 | 0.140 | 65 | 5.0 | 6 | 36 |
| 75x4.0 | 2.373 | 0.158 | 75 | 4.0 | 6 | 38 |
| 75x5.0 | 2.962 | 0.160 | 75 | 5.0 | 6 | 32 |
| 100x4.0 | 3.165 | 0.208 | 100 | 4.0 | 6 | 28 |
| 100x5.0 | 3.950 | 0.210 | 100 | 5.0 | 6 | 28 |
| 100x6.0 | 4.829 | 0.212 | 100 | 6.0 | 6 | 26 |
| 130x5.0 | 5.134 | 0.270 | 130 | 5.0 | 6 | 28 |
| 150x5.0 | 5.924 | 0.310 | 150 | 5.0 | 6 | 28 |
| 150x6.0 | 7.243 | 0.312 | 150 | 6.0 | 6 | 24 |
| 200x6.0 | 9.657 | 0.512 | 250 | 6.0 | 6 | 28 |
| 250x5.0 | 9.874 | 0.510 | 250 | 5.0 | 6 | 23 |






- *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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rollco@rollco.com.au
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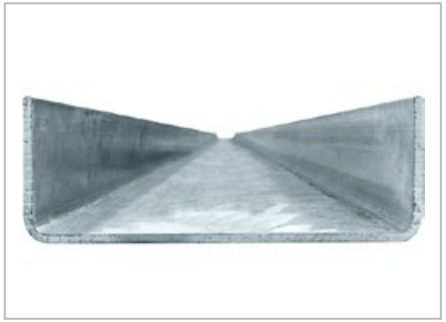
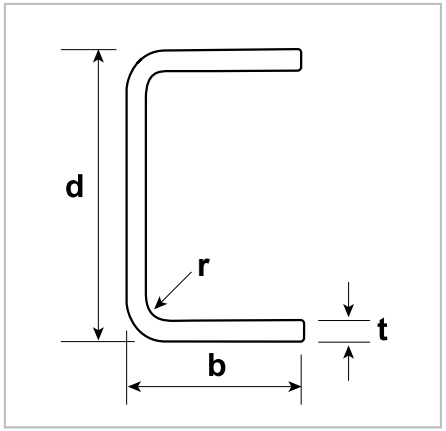
A Southern Steel Group Company

# DURAGAL® PROFILES
# REFERENCE GUIDE: DURAGAL® CHANNELS

| Designation | Weight | Surface Area | Depth d | Width b | Thickness t | Length | Quantity |
|---|---|---|---|---|---|---|---|
| | kg/m | $m^2/m$ | mm | mm | mm | m | per pack |
| 75x40x4.0 | 4.430 | 0.299 | 75 | 40 | 4.0 | 9 | 18 |
| 100x50x4.0 | 5.584 | 0.382 | 100 | 50 | 4.0 | 9 | 18 |
| 125x65x4.0 | 7.595 | 0.481 | 125 | 65 | 4.0 | 9 | 18 |
| 150x75x5.0 | 11.177 | 0.580 | 150 | 75 | 5.0 | 12 | 12 |
| 180X75X5.0 | 12.362 | 0.640 | 180 | 75 | 5.0 | 12 | 12 |
| 200x75x5.0 | 13.152 | 0.669 | 200 | 75 | 5.0 | 12 | 12 |
| 200x75x6.0 | 15.742 | 0.688 | 200 | 75 | 6.0 | 12 | 12 |
| 230x75x6.0 | 17.198 | 0.729 | 230 | 75 | 6.0 | 12 | 12 |
| 250x90x6.0 | 19.605 | 0.758 | 250 | 90 | 6.0 | 12 | 8 |
| 300X90X6.0 | 22.019 | 0.847 | 300 | 90 | 6.0 | 12 | 6 |



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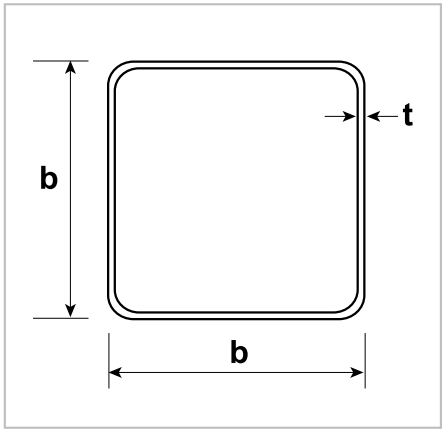
A Southern Steel Group Company

# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

| Size bxb | Nom. Thick t | Nom.Linear Mass | Surface Area | Quantity | Surface Finish | |
|---|---|---|---|---|---|---|
| mm | mm | kg/m | $m^2/m$ | per pack | Painted | Galvanised |
| **6500mm Lengths Standard** | | | | | | |
| 20x20 | 1.6 | 0.87 | 0.0745 | 100 | * | * |
| | 2.0 | 1.05 | 0.0800 | 100 | * | * |
| 25x25 | 1.6 | 1.12 | 0.0945 | 100 | * | * |
| | 2.0 | 1.36 | 0.0931 | 100 | * | * |
| | 2.5 | 1.64 | 0.0914 | 100 | * | * |
| | 3.0 | 1.89 | 0.0897 | 100 | * | * |
| **8000mm Lengths Standard** | | | | | | |
| 30x30 | 1.6 | 1.38 | 0.115 | 100 | * | * |
| | 2.0 | 1.68 | 0.113 | 100 | * | * |
| | 2.5 | 2.03 | 0.111 | 100 | * | * |
| | 3.0 | 2.36 | 0.110 | 64 | * | * |
| 35x35 | 1.6 | 1.63 | 0.135 | 100 | * | * |
| | 2.0 | 1.99 | 0.133 | 100 | * | * |
| | 2.5 | 2.42 | 0.131 | 64 | * | * |
| | 3.0 | 2.83 | 0.130 | 64 | * | * |
| 40x40 | 1.6 | 1.88 | 0.155 | 81 | * | * |
| | 2.0 | 2.31 | 0.153 | 81 | * | * |
| | 2.5 | 2.82 | 0.151 | 64 | * | * |
| | 3.0 | 3.30 | 0.150 | 64 | * | * |
| | 4.0 | 4.09 | 0.143 | 49 | * | * |
| 50x50 | 1.6 | 2.38 | 0.195 | 64 | * | * |
| | 2.0 | 2.93 | 0.193 | 64 | * | * |
| | 2.5 | 3.60 | 0.191 | 49 | * | * |
| | 3.0 | 4.25 | 0.190 | 49 | * | * |
| | 4.0 | 5.35 | 0.183 | 36 | * | * |




- *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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Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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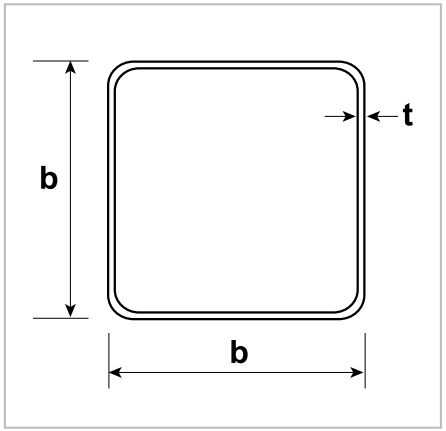
# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

| Size Bxb | Nom. Thick t | Nom.Linear Mass | Surface Area | 8m Lengths | 12m Lengths | Surface Finish | |
|---|---|---|---|---|---|---|---|
| mm | mm | kg/m | m²/m | per pack | per pack | Painted | Galvanised |
| 50x50 | 5.0 | 6.39 | 0.179 | 30 | - | * | * |
| | 6.0 | 7.32 | 0.174 | 25 | - | Oiled | |
| 65x65 | 1.6 | 3.13 | 0.255 | 49 | - | | * |
| | 2.0 | 3.88 | 0.253 | 42 | - | * | * |
| | 2.5 | 4.78 | 0.251 | 42 | - | * | * |
| | 3.0 | 5.66 | 0.250 | 36 | - | * | * |
| | 4.0 | 7.23 | 0.243 | 30 | - | * | * |
| | 5.0 | 8.75 | 0.239 | 25 | - | * | * |
| | 6.0 | 10.20 | 0.234 | 20 | - | * | |
| 75x75 | 2.0 | 4.50 | 0.293 | 36 | - | * | * |
| | 2.5 | 5.56 | 0.291 | 30 | - | * | * |
| | 3.0 | 6.60 | 0.290 | 30 | 25 | * | * |
| | 3.5 | 7.53 | 0.285 | 25 | - | * | * |
| | 4.0 | 8.49 | 0.283 | 25 | 15 | * | * |
| | 5.0 | 10.30 | 0.279 | 20 | 16 | * | * |
| | 6.0 | 12.00 | 0.274 | 16 | 12 | * | * |
| 89x89 | 2.0 | 5.38 | 0.348 | 20 | - | * | * |
| | 3.5 | 9.07 | 0.341 | 20 | 16 | * | * |
| | 5.0 | 12.50 | 0.334 | 16 | 12 | * | * |
| | 6.0 | 14.70 | 0.330 | 12 | 9 | * | * |
| 100x100 | 2.0 | 6.07 | 0.393 | 20 | - | * | * |
| | 3.0 | 8.96 | 0.390 | 20 | 16 | * | * |
| | 4.0 | 11.60 | 0.383 | 16 | 12 | * | * |
| | 5.0 | 14.20 | 0.379 | 12 | 9 | * | * |
| | 6.0 | 16.70 | 0.374 | 12 | 9 | * | * |
| | 9.0 | 23.50 | 0.361 | 9 | 6 | * | |

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Revesby NSW 2212
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rollco@rollco.com.au
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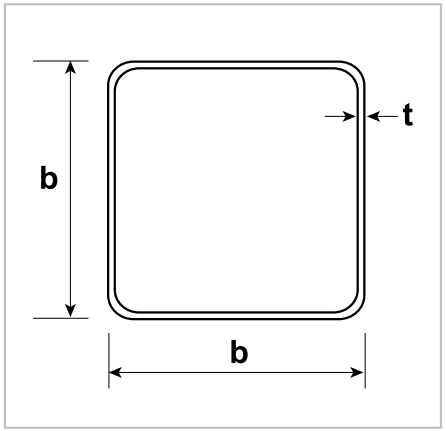
# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: SQUARE HOLLOW SECTION (SHS)

| Size bxb | Nom. Thick t | Nom.Linear Mass | Surface Area | 8m Lengths | 12m Lengths | Surface Finish | |
|---|---|---|---|---|---|---|---|
| mm | mm | kg/m | $m^2/m$ | per pack | per pack | Painted | Galvanised |
| 125x125 | 4.0 | 14.80 | 0.483 | 12 | 9 | * | * |
| | 5.0 | 18.20 | 0.479 | 12 | 9 | * | * |
| | 6.0 | 21.40 | 0.474 | 9 | 6 | * | |
| | 9.0 | 30.60 | 0.461 | 8 | 4 | * | |
| 150x150 | 5.0 | 22.10 | 0.579 | 9 | 6 | * | |
| | 6.0 | 26.20 | 0.574 | 6 | 6 | * | |
| | 9.0 | 37.70 | 0.561 | 6 | 4 | * | |
| 200x200 | 5.0 | 29.90 | 0.779 | 6 | 4 | * | |
| | 6.0 | 35.60 | 0.774 | 6 | 4 | * | |
| | 9.0 | 51.80 | 0.761 | 4 | 2 | * | |
| | 12.5 | 69.40 | 0.768 | - | 1 | * | |
| | 16.0 | 85.50 | 0.759 | - | 1 | * | |
| 250x250 | 6.0 | 45.00 | 0.974 | 4 | 2 | * | |
| | 9.0 | 65.90 | 0.961 | 2 | 2 | * | |
| | 12.5 | 89.00 | 0.968 | - | 1 | * | |
| | 16.0 | 111.00 | 0.959 | - | 1 | * | |
| 300x300 | 10.0 | 88.40 | 1.170 | - | 1 | * | |
| | 12.5 | 109.00 | 1.170 | - | 1 | * | |
| | 16.0 | 136.00 | 1.160 | - | 1 | * | |
| 350x350 | 10.0 | 104.00 | 1.370 | - | 1 | * | |
| | 12.5 | 128.00 | 1.370 | - | 1 | * | |
| | 16.0 | 161.00 | 1.360 | - | 1 | * | |
| 400x400 | 10.0 | 120.00 | 1.570 | - | 1 | * | |
| | 12.5 | 148.00 | 1.570 | - | 1 | * | |
| | 16.0 | 186.00 | 1.560 | - | 1 | * | |

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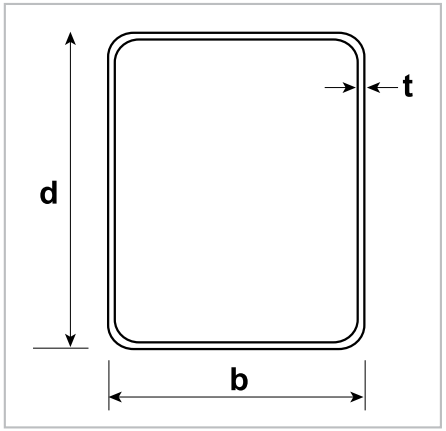
STRUCTURAL TUBE & PIPE

# REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

| Size dxb | Nom. Thick t | Nom.Linear Mass | Surface Area | 8m Lengths | 12m Lengths | Surface Finish | |
|---|---|---|---|---|---|---|---|
| mm | mm | kg/m | $m^2/m$ | per pack | per pack | Painted | Galvanised |
| 50x25 | 1.6 | 1.75 | 0.145 | 96 | - | * | * |
| | 2.0 | 2.15 | 0.143 | 96 | - | * | * |
| | 2.5 | 2.62 | 0.141 | 72 | - | * | * |
| | 3.0 | 3.07 | 0.140 | 60 | - | * | * |
| 65x35 | 2.0 | 2.93 | 0.193 | 54 | - | * | * |
| | 2.5 | 3.60 | 0.191 | 54 | - | * | * |
| | 3.0 | 4.25 | 0.190 | 45 | - | * | * |
| | 4.0 | 5.35 | 0.183 | 35 | - | * | * |
| 75x25 | 1.6 | 2.38 | 0.195 | 65 | - | * | * |
| | 2.0 | 2.93 | 0.193 | 65 | - | * | * |
| | 2.5 | 3.60 | 0.191 | 48 | - | * | * |
| 75x50 | 1.6 | 3.01 | 0.245 | 54 | 54 | * | * |
| | 2.0 | 3.72 | 0.243 | 42 | 42 | * | * |
| | 2.5 | 4.58 | 0.241 | 42 | 24 | * | * |
| | 3.0 | 5.42 | 0.240 | 35 | - | * | * |
| | 4.0 | 6.92 | 0.233 | 28 | - | * | * |
| | 5.0 | 8.35 | 0.229 | 24 | 20 | * | * |
| | 6.0 | 9.67 | 0.224 | 20 | - | * | * |
| 100x50 | 1.6 | 3.64 | 0.295 | 32 | 32 | | * |
| | 2.0 | 4.50 | 0.293 | 32 | - | * | * |
| | 2.5 | 5.56 | 0.291 | 32 | 24 | * | * |
| | 3.0 | 6.60 | 0.290 | 32 | 24 | * | * |
| | 3.5 | 7.53 | 0.285 | 24 | 18 | * | * |
| | 4.0 | 8.49 | 0.283 | 24 | 18 | * | * |
| | 5.0 | 10.30 | 0.279 | 18 | 15 | * | * |
| | 6.0 | 12.00 | 0.274 | 15 | - | * | * |




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

22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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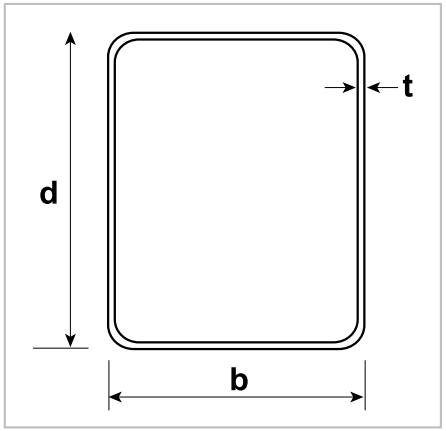
September 2026 Revision 10

A Southern Steel Group Company

# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

| Size dxb | Nom. Thick t | Nom.Linear Mass | Surface Area | 8m Lengths | 12m Lengths | Surface Finish | |
|---|---|---|---|---|---|---|---|
| mm | mm | kg/m | $m^2/m$ | per pack | per pack | Painted | Galvanised |
| 102x76 | 3.5 | 9.07 | 0.341 | 12 | - | * | |
| | 5.0 | 12.50 | 0.335 | 12 | - | * | |
| | 6.0 | 14.70 | 0.330 | 12 | - | * | |
| 125x75 | 2.0 | 6.07 | 0.393 | 24 | - | | * |
| | 2.5 | 7.53 | 0.391 | 20 | 20 | | * |
| | 3.0 | 8.96 | 0.390 | 20 | 15 | * | * |
| | 4.0 | 11.60 | 0.383 | 15 | 15 | * | * |
| | 5.0 | 14.20 | 0.379 | 15 | 12 | * | * |
| | 6.0 | 16.70 | 0.374 | 12 | 6 | * | * |
| 150x50 | 2.0 | 6.07 | 0.393 | 21 | 21 | * | * |
| | 2.5 | 7.53 | 0.391 | 21 | - | * | * |
| | 3.0 | 8.96 | 0.390 | 21 | 15 | * | * |
| | 4.0 | 11.60 | 0.383 | 15 | 15 | * | * |
| | 5.0 | 14.20 | 0.379 | 15 | 9 | * | * |
| | 6.0 | 16.70 | 0.374 | 15 | 9 | * | * |
| 152x76 | 5.0 | 16.50 | 0.435 | 8 | 8 | * | |
| | 6.0 | 19.40 | 0.430 | 8 | - | * | |
| 150x100 | 4.0 | 14.80 | 0.483 | 12 | 9 | * | * |
| | 5.0 | 18.20 | 0.479 | 12 | 8 | * | * |
| | 6.0 | 21.40 | 0.474 | 9 | 6 | * | |
| | 9.0 | 30.60 | 0.461 | 6 | 4 | * | |
| 200x100 | 4.0 | 17.90 | 0.583 | 8 | 6 | * | |
| | 5.0 | 22.10 | 0.579 | 8 | 6 | * | |
| | 6.0 | 26.20 | 0.574 | 8 | 4 | * | |
| | 9.0 | 37.70 | 0.561 | 6 | 4 | * | |




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

22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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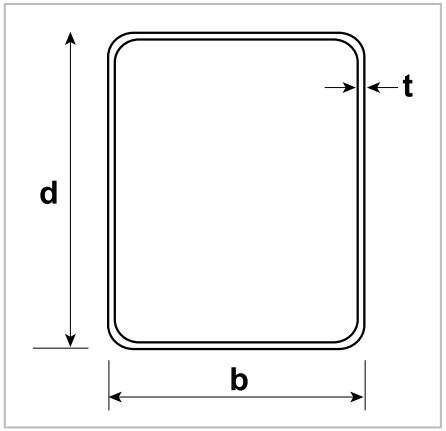
A Southern Steel Group Company

# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: RECTANGULAR HOLLOW SECTION (RHS)

| Size dxb | Nom. Thick t | Nom.Linear Mass | Surface Area | 8m Lengths | 12m Lengths | Surface Finish | |
|---|---|---|---|---|---|---|---|
| mm | mm | kg/m | m²/m | per pack | per pack | Painted | Galvanised |
| 250x150 | 5.0 | 29.90 | 0.779 | 6 | 4 | * | |
| | 6.0 | 35.60 | 0.774 | 6 | 4 | * | |
| | 9.0 | 51.80 | 0.761 | 4 | 2 | * | |
| | 12.5 | 69.40 | 0.768 | - | 1 | * | |
| | 16.0 | 85.50 | 0.759 | - | 1 | * | |
| 300x200 | 6.0 | 45.00 | 0.985 | 2 | 1 | * | |
| | 8.0 | 59.10 | 0.979 | 2 | 1 | * | |
| | 9.0 | 65.90 | 0.976 | - | 2 | * | |
| | 10.0 | 72.70 | 0.974 | 1 | 1 | * | |
| | 12.5 | 89.00 | 0.968 | - | 1 | * | |
| | 16.0 | 111.0 | 0.959 | - | 1 | * | |
| 350x250 | 8.0 | 71.58 | 1.077 | - | 1 | * | |
| | 10.0 | 88.40 | 1.071 | - | 1 | * | |
| | 12.5 | 109.0 | 1.065 | - | 1 | * | |
| | 16.0 | 136.0 | 1.055 | - | 1 | * | |
| 400x200 | 8.0 | 71.60 | 1.180 | - | 2 | * | |
| | 10.0 | 88.40 | 1.170 | - | 1 | * | |
| | 12.5 | 109.0 | 1.170 | - | 1 | * | |
| | 16.0 | 136.0 | 1.160 | - | 1 | * | |
| 400x300 | 12.5 | 128.0 | 1.370 | - | 1 | * | |
| | 16.0 | 161.0 | 1.370 | - | 1 | * | |




- *Manufactured in accordance with the requirements of Australian Standard AS/NZS 1163:2016 in Grade C350.*
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22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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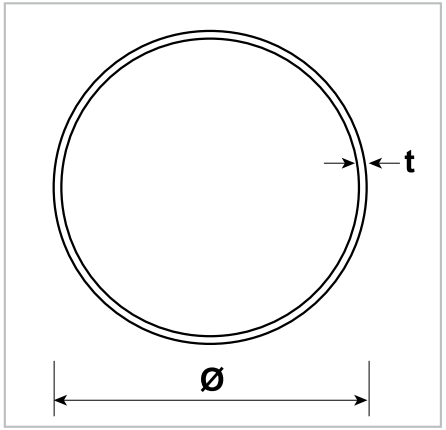
A Southern Steel Group Company

# REFERENCE GUIDE: CIRCULAR HOLLOW SECTION (CHS)

| Size | Class | OD Ø | Nom. Thick t | Surface Area | Nom. Linear Mass Black | Nom. Linear Mass Galvanised | Quantity |
|---|---|---|---|---|---|---|---|
| mm | | mm | mm | $m^2/m$ | kg/m | kg/m | per pack |
| 20 | M | 26.9 | 2.6 | 0.085 | 1.56 | 1.60 | 127 |
| 25 | XL | 33.7 | 2.0 | 0.106 | 1.56 | 1.62 | 91 |
| | L | 33.7 | 2.6 | 0.106 | 1.99 | 2.05 | 91 |
| | M | 33.7 | 3.2 | 0.106 | 2.41 | 2.46 | 91 |
| | H | 33.7 | 4.0 | 0.106 | 2.94 | 2.99 | 91 |
| 32 | XL | 42.4 | 2.0 | 0.133 | 1.99 | 2.07 | 61 |
| | L | 42.4 | 2.6 | 0.133 | 2.55 | 2.63 | 61 |
| | M | 42.4 | 3.2 | 0.133 | 3.10 | 3.17 | 61 |
| | H | 42.4 | 4.0 | 0.133 | 3.80 | 3.86 | 61 |
| 40 | XL | 48.3 | 2.3 | 0.152 | 2.61 | 2.70 | 61 |
| | L | 48.3 | 2.9 | 0.152 | 3.25 | 3.30 | 61 |
| | M | 48.3 | 3.2 | 0.152 | 3.57 | 3.64 | 61 |
| | H | 48.3 | 4.0 | 0.152 | 4.38 | 4.45 | 61 |
| | XH | 48.3 | 5.4 | 0.152 | 5.71 | - | 61 |
| 50 | XL | 60.3 | 2.3 | 0.189 | 3.29 | 3.40 | 37 |
| | L | 60.3 | 2.9 | 0.189 | 4.11 | 4.21 | 37 |
| | M | 60.3 | 3.6 | 0.189 | 5.03 | 5.14 | 37 |
| | H | 60.3 | 4.5 | 0.189 | 6.19 | 6.33 | 37 |
| | XH | 60.3 | 5.4 | 0.189 | 7.31 | - | 37 |
| 65 | XL | 76.1 | 2.3 | 0.239 | 4.19 | 4.32 | 37 |
| | L | 76.1 | 3.2 | 0.239 | 5.75 | 5.89 | 37 |
| | M | 76.1 | 3.6 | 0.239 | 6.43 | 6.57 | 37 |
| | H | 76.1 | 4.5 | 0.239 | 7.93 | 8.08 | 37 |




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

22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

rollco@rollco.com.au
www.rollco.com.au

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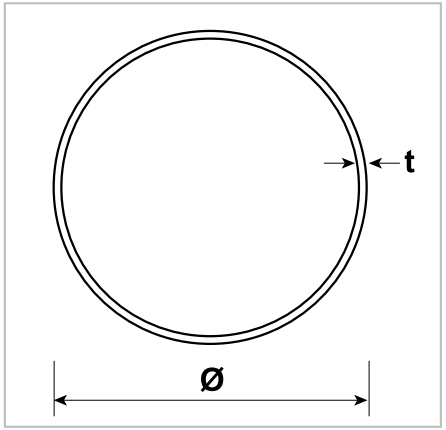
September 2026 Revision 10

A Southern Steel Group Company

# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: CIRCULAR HOLLOW SECTION (CHS)

| Size | Class | OD Ø | Nom. Thick t | Surface Area | Nom. Linear Mass Black | Nom. Linear Mass Galvanised | Quantity |
|---|---|---|---|---|---|---|---|
| mm | | mm | mm | $m^2/m$ | kg/m | kg/m | per pack |
| 80 | XL | 88.9 | 2.6 | 0.279 | 5.53 | 5.70 | 19 |
| | L | 88.9 | 3.2 | 0.279 | 6.76 | 6.93 | 19 |
| | M | 88.9 | 4.0 | 0.279 | 8.37 | 8.54 | 19 |
| | H | 88.9 | 5.0 | 0.279 | 10.30 | 10.6 | 19 |
| | XH | 88.9 | 5.9 | 0.279 | 12.10 | - | 19 |
| 90 | XL | 101.6 | 2.6 | 0.319 | 6.35 | - | 19 |
| | L | 101.6 | 3.2 | 0.319 | 7.77 | 7.95 | 19 |
| | M | 101.6 | 4.0 | 0.319 | 9.63 | 9.81 | 19 |
| | H | 101.6 | 5.0 | 0.319 | 11.90 | - | 19 |
| 100 | XL | 114.3 | 3.2 | 0.359 | 8.77 | - | 19 |
| | L | 114.3 | 3.6 | 0.359 | 9.83 | 10.0 | 19 |
| | M | 114.3 | 4.5 | 0.359 | 12.20 | 12.4 | 19 |
| | H | 114.3 | 5.4 | 0.359 | 14.50 | 14.7 | 19 |
| 125 | XL | 139.7 | 3.0 | 0.439 | 10.10 | - | 10 |
| | L | 139.7 | 3.5 | 0.439 | 11.80 | 12.0 | 10 |
| | M | 139.7 | 5.0 | 0.439 | 16.60 | 16.9 | 10 |
| | H | 139.7 | 5.4 | 0.439 | 17.90 | - | 10 |
| 150 | XL | 165.1 | 3.0 | 0.519 | 12.00 | - | 10 |
| | L | 165.1 | 3.5 | 0.519 | 13.90 | 14.3 | 10 |
| | M | 165.1 | 5.0 | 0.519 | 19.70 | 20.0 | 10 |
| | H | 165.1 | 5.4 | 0.519 | 21.30 | - | 10 |




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

22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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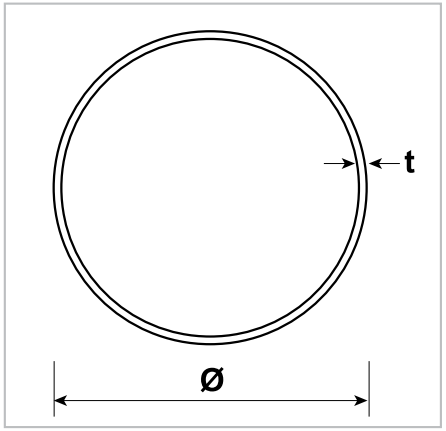
September 2026 Revision 10

A Southern Steel Group Company

# REFERENCE GUIDE: FIREPIPE

| NB | Class | OD Ø | Nom. Thick t | Surface Area | Nom. Linear Mass | Quantity | PE | SOE | SBE |
|---|---|---|---|---|---|---|---|---|---|
| mm | | mm | mm | $m^2/m$ | kg/m | per pack | | | |
| 25 | M | 33.7 | 3.2 | 0.106 | 2.41 | 91 | * | * | * |
| 32 | M | 42.4 | 3.2 | 0.133 | 3.10 | 61 | * | * | * |
| 40 | M | 48.3 | 3.2 | 0.152 | 3.57 | 61 | * | * | * |
| 50 | M | 60.3 | 3.6 | 0.189 | 5.03 | 37 | * | * | * |
| 65 | M | 76.1 | 3.6 | 0.239 | 6.43 | 37 | * | | |
| 80 | M | 88.9 | 4.0 | 0.279 | 8.37 | 19 | * | | |
| 100 | M | 114.3 | 4.5 | 0.359 | 12.2 | 19 | * | | |
| 150 | M | 165.1 | 5.0 | 0.519 | 19.7 | 10 | * | | |

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22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
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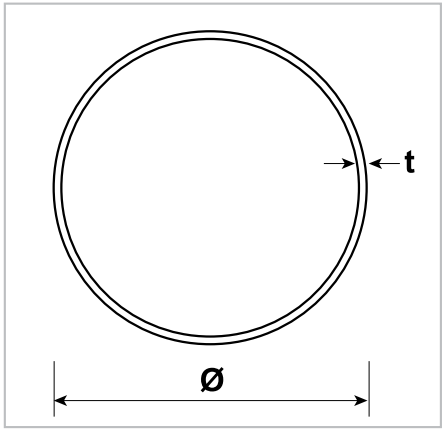
September 2026 Revision 10

A Southern Steel Group Company

# STRUCTURAL TUBE & PIPE
# REFERENCE GUIDE: LARGE STRUCTURAL PIPE

| NB | OD Ø | Nom. Thick t | Surface Area | Nom. Linear Mass Black |
|---|---|---|---|---|
| mm | mm | mm | m²/m | kg/m |
| 65 | 76.1 | 4.00 | 0.239 | 7.13 |
| 65 | 76.1 | 5.00 | 0.239 | 8.77 |
| 80 | 88.9 | 5.50 | 0.279 | 11.31 |
| 100 | 114.3 | 4.80 | 0.359 | 12.96 |
| 100 | 114.3 | 6.00 | 0.359 | 16.02 |
| 125 | 141.3 | 4.80 | 0.444 | 16.16 |
| 125 | 141.3 | 6.60 | 0.444 | 21.99 |
| 150 | 168.3 | 4.80 | 0.528 | 19.35 |
| 150 | 168.3 | 6.40 | 0.528 | 25.55 |
| 150 | 168.3 | 7.10 | 0.528 | 28.22 |
| 150 | 168.3 | 11.0 | 0.528 | 42.67 |
| 200 | 219.1 | 4.80 | 0.688 | 25.37 |
| 200 | 219.1 | 6.40 | 0.688 | 33.57 |
| 200 | 219.1 | 8.20 | 0.688 | 42.60 |
| 200 | 219.1 | 12.7 | 0.688 | 64.64 |
| 250 | 273.1 | 4.80 | 0.858 | 31.76 |
| 250 | 273.1 | 6.40 | 0.858 | 42.09 |
| 250 | 273.1 | 9.27 | 0.858 | 60.50 |
| 250 | 273.1 | 12.7 | 0.858 | 81.55 |
| 300 | 323.9 | 6.40 | 1.017 | 50.11 |
| 300 | 323.9 | 9.50 | 1.017 | 73.66 |
| 300 | 323.9 | 12.7 | 1.017 | 97.50 |
| 350 | 355.6 | 6.40 | 1.117 | 55.10 |
| 350 | 355.6 | 9.50 | 1.117 | 81.10 |
| 350 | 355.6 | 12.7 | 1.117 | 107.40 |
| 400 | 406.4 | 6.40 | 1.276 | 63.13 |
| 400 | 406.4 | 9.50 | 1.276 | 92.98 |
| 400 | 406.4 | 12.7 | 1.276 | 123.30 |
| 450 | 457.0 | 6.40 | 1.435 | 71.12 |
| 450 | 457.0 | 9.50 | 1.435 | 104.84 |
| 450 | 457.0 | 12.7 | 1.435 | 139.30 |
| 500 | 508.0 | 6.40 | 1.595 | 79.20 |
| 500 | 508.0 | 9.50 | 1.595 | 116.79 |
| 500 | 508.0 | 12.7 | 1.595 | 155.12 |
| 600 | 610.0 | 6.40 | 1.915 | 95.26 |
| 600 | 610.0 | 9.50 | 1.915 | 140.68 |
| 600 | 610.0 | 12.7 | 1.915 | 187.06 |
| 600 | 610.0 | 16.0 | 1.915 | 232.94 |
| 650 | 660.0 | 12.7 | 2.072 | 202.74 |
| 700 | 711.0 | 9.53 | 2.233 | 164.34 |
| 700 | 711.0 | 12.7 | 2.233 | 218.71 |
| 700 | 711.0 | 15.9 | 2.233 | 272.56 |
| 750 | 762.0 | 9.50 | 2.393 | 176.84 |
| 750 | 762.0 | 12.7 | 2.393 | 234.68 |
| 750 | 762.0 | 15.9 | 2.393 | 292.54 |
| 750 | 762.0 | 19.05 | 2.393 | 348.99 |
| 800 | 813.0 | 9.50 | 2.553 | 188.82 |
| 800 | 813.0 | 12.7 | 2.553 | 250.64 |
| 800 | 813.0 | 16.0 | 2.553 | 314.39 |
| 900 | 914.0 | 9.50 | 2.870 | 211.91 |
| 900 | 914.0 | 12.7 | 2.870 | 282.29 |
| 900 | 914.0 | 15.9 | 2.870 | 352.16 |
| 1050 | 1067.0 | 9.53 | 3.350 | 248.52 |
| 1050 | 1067.0 | 12.7 | 3.350 | 330.19 |




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

22 Queen Street
Revesby NSW 2212
+61 2 9772 4188
rollco@rollco.com.au
www.rollco.com.au

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September 2026 Revision 10

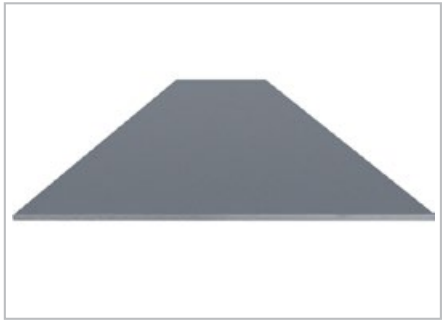
A Southern Steel Group Company

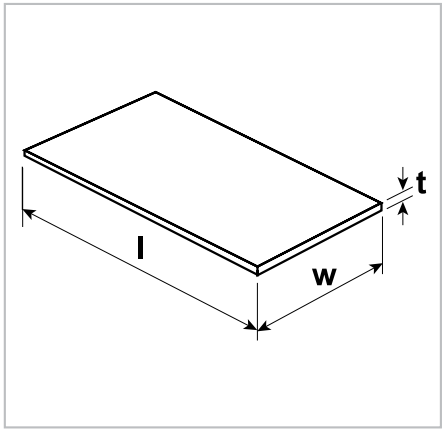
PLATE PRODUCTS

# REFERENCE GUIDE: MILD STEEL PLATE - 250 GRADE

| Designation | 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 |

| Designation | Weight | Thickness t | Width w | Length l |
|---|---|---|---|---|
| | kg/m² | mm | mm | mm |
| 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.*

22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

rollco@rollco.com.au
www.rollco.com.au

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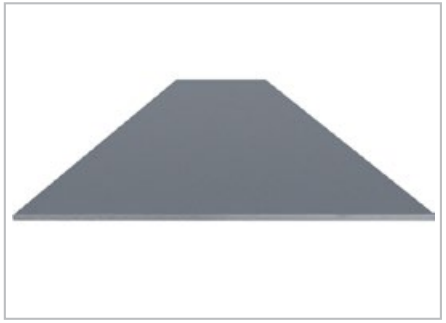
A Southern Steel Group Company

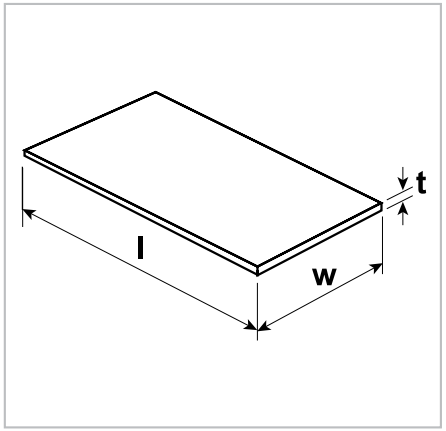
PLATE PRODUCTS

# REFERENCE GUIDE: MILD STEEL PLATE - 350 GRADE

| Designation | 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 |

| Designation | 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 |



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22 Queen Street
Revesby NSW 2212

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rollco@rollco.com.au
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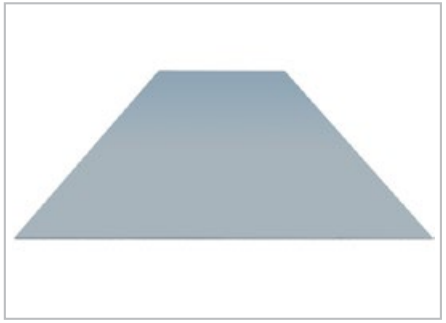
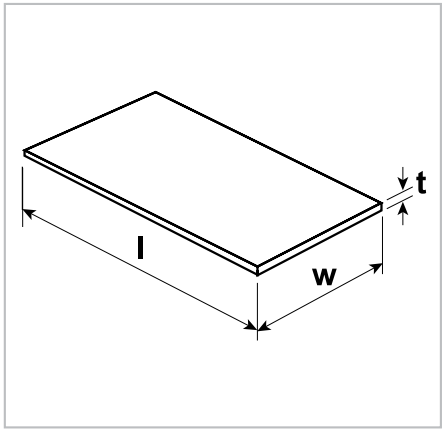
# REFERENCE GUIDE: COIL PLATE (TRUSPEC)

| Designation | 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 |

| Designation | Weight | Thickness t | Width w | Length l |
|---|---|---|---|---|
| | kg/m² | mm | mm | mm |
| 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 |



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22 Queen Street
Revesby NSW 2212

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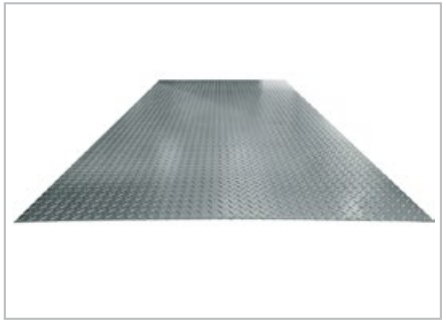
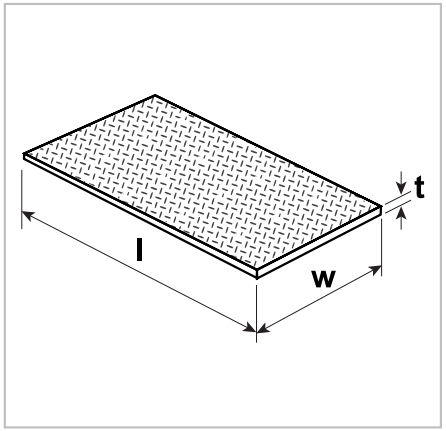
# REFERENCE GUIDE: FLOOR PLATE

| Designation | Weight | Thickness t | Width w | Length l | Designation | 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 |



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22 Queen Street
Revesby NSW 2212

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# REFERENCE GUIDE: BOILER PLATE

| Designation | 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 |

| Designation | 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 |

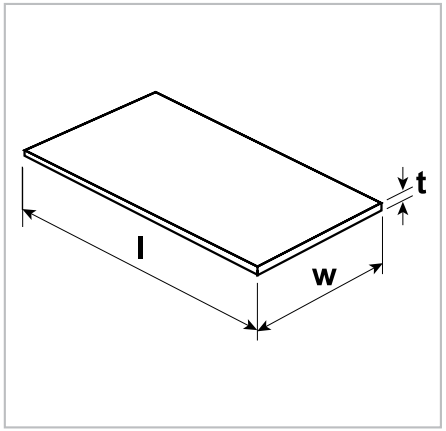


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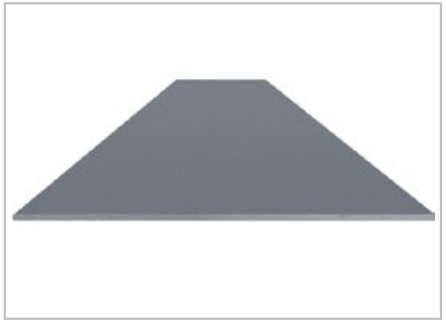
PLATE PRODUCTS

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

| Designation | Weight | Thickness t | Width w | Length l | Designation | 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 |



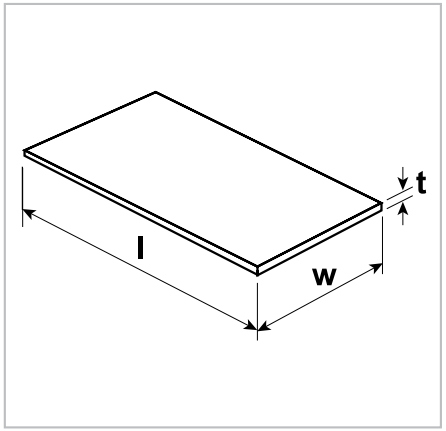



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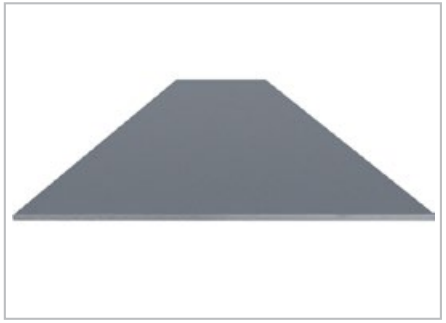
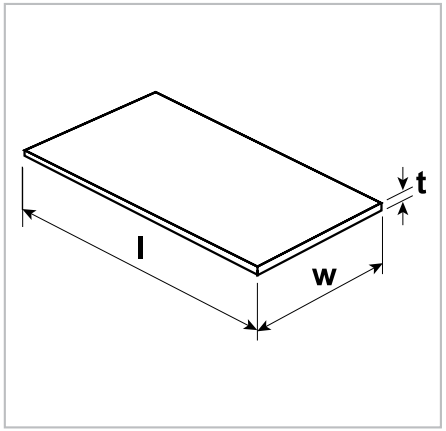
PLATE PRODUCTS

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

| Designation | Weight | Thickness t | Width w | Length l | Designation | 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 |



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Revesby NSW 2212

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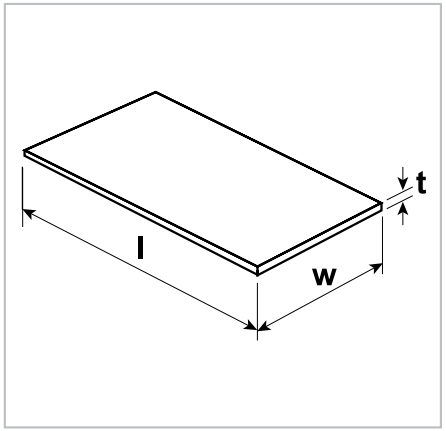
PLATE PRODUCTS

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

| Designation | 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 |

| Designation | 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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Revesby NSW 2212

+61 2 9772 4188

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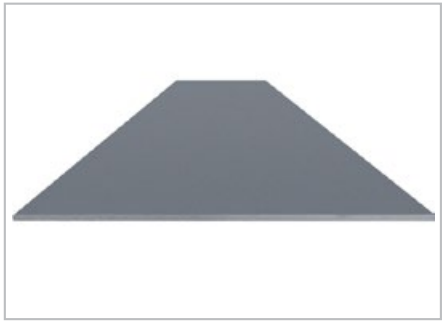
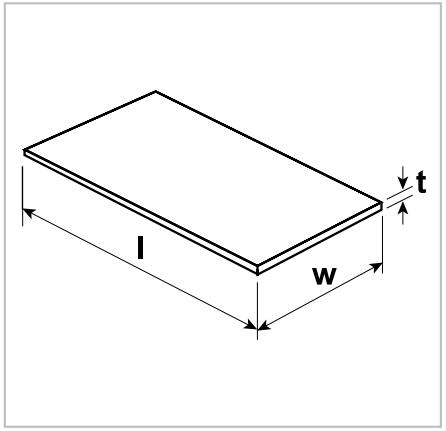
PLATE PRODUCTS

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

| Designation | Weight | Thickness t | Width w | Length l | Designation | 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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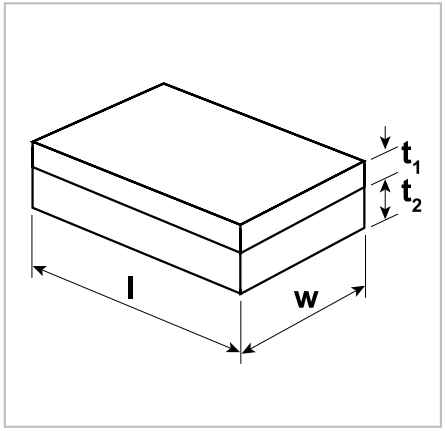
# REFERENCE GUIDE: CLAD PLATE

| Designation | Clad Thickness $t^1$ | Base Thickness $t^2$ | Width w | Length l | Designation | 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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