

SC4 STEEL TEE SECTIONS*

BEAMS

COLUMNS

| Designation | Mass per metre | Cut from universal beam/column | Section | | Thickness | |
|-----------------|----------------|--|--------------|--------------|------------|---------------|
| | | | Width b (mm) | Depth a (mm) | Web s (mm) | Flange t (mm) |
| Tee size* | Kg/m | UC / UB section the TEE is produced from | | | | |
| 419 x 457 x 194 | 194 | 914 x 419 x 388 | 420.5 | 460.5 | 21.4 | 36.6 |
| 419 x 457 x 172 | 171.5 | 914 x 419 x 343 | 418.5 | 455.9 | 19.4 | 32 |
| 305 x 457 x 145 | 144.5 | 914 x 305 x 289 | 307.7 | 463.3 | 19.5 | 32 |
| 305 x 457 x 127 | 126.5 | 914 x 305 x 253 | 305.5 | 459.2 | 17.3 | 27.9 |
| 305 x 457 x 112 | 112 | 914 x 305 x 224 | 304.1 | 455.2 | 15.9 | 23.9 |
| 305 x 457 x 101 | 100.5 | 914 x 305 x 201 | 303.3 | 451.5 | 15.1 | 20.2 |
| 292 x 419 x 113 | 113 | 838 x 292 x 226 | 293.8 | 425.4 | 14 | 26.8 |
| 292 x 419 x 97 | 97 | 838 x 292 x 194 | 292.4 | 420.3 | 14.7 | 21.7 |
| 292 x 419 x 88 | 88 | 838 x 292 x 176 | 291.7 | 417.4 | 14 | 14 |
| 267 x 381 x 99 | 98.5 | 762 x 267 x 197 | 268 | 384.9 | 15.6 | 254.4 |
| 267 x 381 x 87 | 86.5 | 762 x 267 x 173 | 266.7 | 381.1 | 14.3 | 21.6 |
| 267 x 381 x 74 | 73.5 | 762 x 267 x 147 | 265.2 | 377 | 12.8 | 17.5 |
| 267 x 381 x 67 | 67 | 762 x 267 x 134 | 264.4 | 375 | 12 | 12 |
| 254 x 343 x 85 | 85 | 686 x 254 x 170 | 255.8 | 346.4 | 14.5 | 23.7 |
| 254 x 343 x 76 | 76 | 686 x 254 x 152 | 254.5 | 343.7 | 13.2 | 21 |
| 254 x 343 x 70 | 70 | 686 x 254 x 140 | 253.7 | 341.7 | 12.4 | 19 |
| 254 x 343 x 63 | 62.5 | 686 x 254 x 125 | 253 | 338.9 | 11.7 | 16.2 |
| 305 x 305 x 119 | 119 | 610 x 305 x 238 | 311.4 | 317.9 | 18.4 | 31.4 |
| 305 x 305 x 90 | 89.5 | 610 x 305 x 179 | 307.1 | 310.1 | 14.1 | 23.6 |
| 305 x 305 x 75 | 74.5 | 610 x 305 x 149 | 304.8 | 306.2 | 11.8 | 19.7 |
| 229 x 305 x 70 | 70 | 610 x 229 x 140 | 230.2 | 308.6 | 13.1 | 22.1 |
| 229 x 305 x 63 | 62.5 | 610 x 229 x 125 | 229 | 306.1 | 11.9 | 19.6 |
| 229 x 305 x 57 | 56.5 | 610 x 229 x 113 | 228.2 | 303.8 | 11.1 | 17.3 |
| 229 x 305 x 51 | 50.5 | 610 x 229 x 101 | 227.6 | 301.3 | 10.5 | 14.8 |
| 210 x 267 x 61 | 61 | 533 x 210 x 122 | 211.9 | 272.2 | 12.7 | 21.3 |
| 210 x 267 x 55 | 54.5 | 533 x 210 x 109 | 210.8 | 269.7 | 11.6 | 18.8 |
| 210 x 267 x 51 | 50.5 | 533 x 210 x 101 | 210 | 268.3 | 10.8 | 17.4 |
| 210 x 267 x 46 | 46 | 533 x 210 x 92 | 209.3 | 266.5 | 10.1 | 15.6 |
| 210 x 267 x 41 | 41 | 533 x 210 x 82 | 208.8 | 264.1 | 9.6 | 13.2 |
| 191 x 229 x 49 | 49 | 457 x 191 x 98 | 192.8 | 233.6 | 11.4 | 19.6 |
| 191 x 229 x 45 | 44.5 | 457 x 191 x 89 | 191.9 | 231.7 | 10.5 | 17.7 |
| 191 x 229 x 41 | 41.1 | 457 x 191 x 82 | 191.3 | 230 | 9.9 | 16 |
| 191 x 229 x 37 | 37 | 457 x 191 x 74 | 190.4 | 228.5 | 9 | 14.5 |
| 191 x 229 x 34 | 33.5 | 457 x 191 x 67 | 189.9 | 226.7 | 8.5 | 12.7 |
| 152 x 229 x 41 | 41 | 457 x 152 x 82 | 155.3 | 232.9 | 10.5 | 18.9 |
| 152 x 229 x 37 | 37 | 457 x 152 x 74 | 154.4 | 231 | 9.6 | 17 |
| 152 x 229 x 34 | 33.5 | 457 x 152 x 67 | 153.8 | 229 | 9 | 15 |
| 152 x 229 x 30 | 30 | 457 x 152 x 60 | 152.9 | 227.3 | 8.1 | 13.3 |
| 152 x 229 x 26 | 26 | 457 x 152 x 52 | 152.4 | 224.9 | 7.6 | 10.9 |
| 178 x 203 x 37 | 37 | 406 x 178 x 74 | 179.5 | 206.4 | 9.5 | 16 |
| 178 x 203 x 34 | 33.5 | 406 x 178 x 67 | 178.8 | 204.7 | 8.8 | 14.3 |
| 178 x 203 x 30 | 30 | 406 x 178 x 60 | 177.9 | 203.2 | 7.9 | 12.8 |
| 178 x 203 x 27 | 27 | 406 x 178 x 54 | 177.7 | 201.3 | 7.7 | 10.9 |
| 140 x 203 x 23 | 23 | 406 x 140 x 46 | 142.2 | 201.6 | 6.8 | 11.2 |
| 140 x 203 x 20 | 19.5 | 406 x 140 x 39 | 141.8 | 199 | 6.4 | 8.6 |
| 171 x 178 x 34 | 33.5 | 356 x 171 x 67 | 173.2 | 181.7 | 9.1 | 15.7 |
| 171 x 178 x 29 | 28.5 | 356 x 171 x 57 | 172.2 | 179 | 8.1 | 13 |
| 171 x 178 x 26 | 25.5 | 356 x 171 x 51 | 171.5 | 177.5 | 7.4 | 11.5 |
| 171 x 178 x 23 | 22.5 | 356 x 171 x 45 | 171.1 | 175.7 | 7 | 9.7 |
| 127 x 178 x 20 | 19.5 | 356 x 127 x 39 | 126 | 176.7 | 6.6 | 10.7 |
| 127 x 178 x 17 | 16.5 | 356 x 127 x 33 | 125.4 | 174.5 | 6 | 8.5 |
| 165 x 152 x 27 | 27 | 305 x 165 x 54 | 166.9 | 155.2 | 7.9 | 13.7 |
| 165 x 152 x 23 | 23 | 305 x 165 x 46 | 165.7 | 153.3 | 6.7 | 11.8 |
| 165 x 152 x 20 | 20 | 305 x 165 x 40 | 165 | 151.7 | 6 | 10.2 |
| 127 x 152 x 24 | 24 | 305 x 127 x 48 | 125.3 | 155.5 | 9 | 14 |
| 127 x 152 x 21 | 21 | 305 x 127 x 42 | 124.3 | 153.6 | 8 | 12.1 |
| 127 x 152 x 19 | 18.5 | 305 x 127 x 37 | 123.3 | 152 | 7.1 | 10.7 |
| 102 x 152 x 17 | 16.5 | 305 x 102 x 33 | 102.4 | 156.3 | 6.6 | 10.8 |
| 102 x 152 x 14 | 14 | 305 x 102 x 28 | 101.8 | 154.3 | 6 | 8.8 |
| 102 x 152 x 13 | 12.5 | 305 x 102 x 25 | 101.6 | 152.5 | 5.8 | 7 |
| 146 x 127 x 22 | 21.5 | 254 x 146 x 43 | 147.3 | 129.8 | 7.2 | 12.7 |
| 146 x 127 x 19 | 18.5 | 254 x 146 x 37 | 146.4 | 128 | 6.3 | 10.9 |
| 146 x 127 x 16 | 15.5 | 254 x 146 x 31 | 146.1 | 125.7 | 6 | 8.6 |
| 102 x 127 x 14 | 14 | 254 x 102 x 28 | 102.2 | 130.2 | 6.3 | 10 |
| 102 x 127 x 13 | 12.5 | 254 x 102 x 25 | 101.9 | 128.6 | 6 | 8.4 |
| 102 x 127 x 11 | 11 | 254 x 102 x 22 | 101.6 | 127 | 5.7 | 6.8 |
| 133 x 102 x 15 | 15 | 203 x 133 x 30 | 133.9 | 103.4 | 6.4 | 9.6 |
| 133 x 102 x 13 | 12.5 | 203 x 133 x 25 | 133.2 | 101.6 | 5.7 | 7.8 |
| 102 x 102 x 12 | 11.5 | 203 x 102 x 23 | 101.8 | 101.6 | 5.4 | 9.3 |
| 102 x 89 x 10 | 9.5 | 178 x 102 x 19 | 101.2 | 88.9 | 4.8 | 7.9 |
| 89 x 76 x 8 | 8 | 152 x 89 x 16 | 88.7 | 76.2 | 4.5 | 7.7 |
| 76 x 63.5 x 6.5 | 6.5 | 127 x 76 x 13 | 76 | 63.5 | 4 | 7.6 |
| 406 x 178 x 317 | 317 | 356 x 406 x 634 | 424 | 237.3 | 47.6 | 77 |
| 406 x 178 x 276 | 275.5 | 356 x 406 x 551 | 418.5 | 227.8 | 42.1 | 67.5 |
| 406 x 178 x 234 | 233.5 | 356 x 406 x 467 | 412.2 | 218.3 | 35.8 | 58 |
| 406 x 178 x 197 | 196.5 | 356 x 406 x 393 | 407 | 209.5 | 30.6 | 49.2 |
| 406 x 178 x 170 | 170 | 356 x 406 x 340 | 403 | 203.2 | 26.6 | 42.9 |
| 406 x 178 x 144 | 143.5 | 356 x 406 x 287 | 399 | 196.8 | 22.6 | 36.5 |
| 406 x 178 x 118 | 117.5 | 356 x 406 x 235 | 394.8 | 190.5 | 18.4 | 30.2 |
| 368 x 178 x 101 | 101 | 356 x 368 x 202 | 374.7 | 187.3 | 16.5 | 27 |
| 368 x 178 x 89 | 88.5 | 356 x 368 x 177 | 372.6 | 184.1 | 14.4 | 23.8 |
| 368 x 178 x 77 | 76.5 | 356 x 368 x 153 | 370.5 | 181 | 12.3 | 20.7 |
| 368 x 178 x 65 | 64.5 | 356 x 368 x 129 | 368.6 | 177.8 | 10.4 | 17.5 |
| 305 x 153 x 142 | 141.5 | 305 x 305 x 283 | 322.2 | 182.6 | 26.8 | 44.1 |
| 305 x 153 x 120 | 120 | 305 x 305 x 240 | 318.4 | 176.2 | 23 | 37.7 |
| 305 x 153 x 99 | 99 | 305 x 305 x 198 | 314.5 | 169.9 | 19.1 | 31.4 |
| 305 x 153 x 79 | 79 | 305 x 305 x 158 | 311.2 | 163.5 | 15.8 | 25 |
| 305 x 153 x 69 | 68.5 | 305 x 305 x 137 | 309.2 | 160.2 | 13.8 | 21.7 |
| 305 x 153 x 59 | 59 | 305 x 305 x 118 | 307.4 | 157.7 | 12 | 18.7 |
| 305 x 153 x 49 | 48.5 | 305 x 305 x 97 | 305.3 | 153.9 | 9.9 | 15.4 |
| 254 x 127 x 84 | 83.5 | 254 x 254 x 167 | 265.2 | 144.5 | 19.2 | 31.7 |
| 254 x 127 x 66 | 66 | 254 x 254 x 132 | 261.3 | 138.1 | 15.3 | 25.3 |
| 254 x 127 x 54 | 53.5 | 254 x 254 x 107 | 258.8 | 133.3 | 12.8 | 20.5 |
| 254 x 127 x 45 | 44.5 | 254 x 254 x 89 | 256.3 | 130.1 | 10.3 | 17.3 |
| 254 x 127 x 37 | 36.5 | 254 x 254 x 73 | 254.6 | 127 | 8.6 | 14.2 |
| 203 x 102 x 43 | 43 | 203 x 203 x 86 | 209.1 | 111.1 | 12.7 | 20.5 |
| 203 x 102 x 36 | 35.5 | 203 x 203 x 71 | 206.4 | 107.9 | 10 | 17.3 |
| 203 x 102 x 30 | 30 | 203 x 203 x 60 | 205.8 | 104.8 | 9.4 | 14.2 |
| 203 x 102 x 26 | 26 | 203 x 203 x 52 | 204.3 | 103.1 | 7.9 | 12.5 |
| 203 x 102 x 23 | 23 | 203 x 203 x 46 | 203.6 | 101.6 | 7.2 | 11 |
| 152 x 76 x 19 | 18.5 | 152 x 152 x 37 | 154.4 | 80.9 | 8 | 11.5 |
| 152 x 76 x 15 | 15 | 152 x 152 x 30 | 152.9 | 78.8 | 6.5 | 9.4 |
| 152 x 76 x 12 | 11.5 | 152 x 152 x 23 | 152.2 | 76.2 | 5.8 | 6.8 |

*TEE sections shown are nominal sizes based on a centre split of the adjacent beam/column: If you require TEE sections to different dimensions please contact us to discuss, we are able to produce bespoke sizes by various methods such as off centre splits, double splits and trimming flanges.

Email enquiries@sc4.co.uk or call 01724 747734 to discuss your requirements.

All tees produced by SC4 are covered by Patent GB2575964 (22/06/2018).