S235JR S355JR S355J2 Universal Columns (UC)

1.Structural Steel Sections

Universal Columns (UC) | Universal Beams (UB) | Parallel Flange Steel Channels (PFC)

Hot Rolled Steel Angles (RSA) | IPE Beams (I sections) | UPN Channels (U sections)

H Section Steel

2.We are suppliers of high yield universal columns which are tested for use in low working temperatures. Masteel offer a wide range of Universal Columns (UC). In particular, we specialise in high yield steel columns for use in low temperature environments. Low temperature impact testing is available with lengths from 6 metres to 20 metres as standard.

3.Standards/Grades:

EN 10025 S275

EN 10025 S355

Note:

The suffix 'UC' refers to UK steel columns – for continental columns (also referred to as H Sections) please click here...

Please refer to the sizes/specification table below. To find our more about Universal Columns (UC) supplied to receive a detailed quotation, please contact us

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Designation Serial Size Metric | Mass per Metre kg/m | Section Depth mm | Section Width mm | Thickness of Web mm | Thickness of Flange mm | Designation Serial Size Imperial | Mass per Foot (lb) |
| 356 x 406 x 634 | 633.9 | 474.6 | 424 | 47.6 | 77 | w14 x 16 | 426 |
| 356 x 406 x 551 | 551 | 455.6 | 418.5 | 42.1 | 67.5 | w14 x 16 | 370 |
| 356 x 406 x 467 | 467 | 436.6 | 412.2 | 35.8 | 58 |  |  |
| 356 x 406 x 393 | 393 | 419 | 407 | 30.6 | 49.2 | UC14 x 16 | 264 |
| 356 x 406 x 340 | 339.9 | 406.4 | 403 | 26.6 | 42.9 | UC14 x 16 | 228 |
| 356 x 406 x 287 | 287.1 | 393.6 | 399 | 22.6 | 36.5 | W14 x 16 | 193 |
| 356 x 406 x 235 | 235.1 | 381 | 394.8 | 18.4 | 30.2 | W14 x 16 | 159 |
| 356 x 368 x 202 | 201.9 | 374.6 | 374.7 | 16.5 | 27 |  |  |
| 356 x 368 x 177 | 177 | 368.2 | 372.6 | 14.4 | 23.8 | UC14 x 14½ | 136 |
| 356 x 368 x 153 | 152.9 | 362 | 370.5 | 12.3 | 20.7 | UC14 x 14½ | 103 |
| 356 x 368 x 129 | 129 | 355.6 | 368.6 | 10.4 | 17.5 | UC14 x 14½ | 87 |
| 305 x 305 x 283 | 282.9 | 365.3 | 322.2 | 26.8 | 44.1 | W12 x 12 | 190 |
| 305 x 305 x 240 | 240 | 352.5 | 318.4 | 23 | 37.7 | UC12 x 12 | 161 |
| 305 x 305 x 198 | 198.1 | 339.9 | 314.5 | 19.1 | 31.4 | UC12 x 12 | 133 |
| 305 x 305 x 158 | 158.1 | 327.1 | 311.2 | 15.8 | 25 | W12 x 12 | 106 |
| 305 x 305 x 137 | 136.9 | 320.5 | 309.2 | 13.8 | 21.7 | UC12 x 12 | 92 |
| 305 x 305 x 118 | 17.9 | 314.5 | 307.4 | 12 | 18.7 | W12 x 12 | 79 |
| 305 x 305 x 97 | 96.9 | 307.9 | 305.3 | 9.9 | 15.4 | W12 x 12 | 65 |
| 254 x 254 x 167 | 167.1 | 289.1 | 265.2 | 19.2 | 31.7 | W10 x 10 | 112 |
| 254 x 254 x 132 | 132 | 276.3 | 261.3 | 15.3 | 25.3 | W10 x 10 | 88 |
| 254 x 254 x 107 | 107.1 | 266.7 | 258.8 | 12.8 | 20.5 | UC10 x 10 | 72 |
| 254 x 254 x 89 | 88.9 | 260.3 | 256.3 | 10.3 | 17.3 | W10 x 10 | 60 |
| 254 x 254 x 73 | 73.1 | 254.1 | 254.6 | 8.6 | 14.2 | W10 x 10 | 49 |
| 203 x 203 x 86 | 86.1 | 222.2 | 209.1 | 12.7 | 20.5 | W8 x 8 | 58 |
| 203 x 203 x 71 | 71 | 215.8 | 206.4 | 10 | 17.3 | W8 x 8 | 48 |
| 203 x 203 x 60 | 60 | 209.6 | 205.8 | 9.4 | 14.2 | W8 x 8 | 40 |
| 203 x 203 x 52 | 52 | 206.2 | 204.3 | 7.9 | 12.5 | W8 x 8 | 35 |
| 203 x 203 x 46 | 46.1 | 203.2 | 203.6 | 7.2 | 11 | W8 x 8 | 31 |
| 152 x 152 x 37 | 37 | 161.8 | 154.4 | 8 | 11.5 | W6 x 6 | 25 |
| 152 x 152 x 30 | 30 | 157.6 | 152.9 | 6.5 | 9.4 | W6 x 6 | 20 |
| 152 x 152 x 23 | 23 | 152.4 | 152.2 | 5.8 | 6.8 | W6 x 6 | 15 |