S235JR S355JR S355J2 Universal Beams (UB)

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 supply a wide range of structural steel sections including Universal Beams. Universal Beams (UB) is the UK spec for structural steel beams supplied primarily to the construction industry.

3.We supply a wide variety with particular expertise in high yield, low temperature products. We offer low temperature impact testing, which is available for lengths from 6 metres to 20 metres as standard and we can offer shipment worldwide.

4.Standards/Grades:

EN 10025 S275

EN 10025 S355

Note:

The suffix 'UB' refers to UK steel beams and are specific to the UK market. For continental beams (which are widely referred to as I Sections (IPE)), please click here...

5.Please refer to the sizes/specification table below. To find our more about the Universal Beams (UB) supplied competitive 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) |
| 126 x 76 x 13 | 13 | 127 | 76 | 4 | 7.6 | UB5 x 3 | 9 |
| 152 x 89 x 16 | 16 | 152.4 | 88.7 | 4.5 | 7.7 | UB6 x 3½ | 11 |
| 178 x 102 x 19 | 19 | 177.8 | 101.2 | 4.8 | 7.9 | UB7 x 4 | 13 |
| 203 x 102 x 23 | 23.1 | 203.2 | 101.8 | 5.4 | 9.3 | UB8 x 4 | 16 |
| 203 x 133 x 25 | 25.1 | 203.2 | 133.2 | 5.7 | 7.8 | UB8 x 5½ | 17 |
| 203 x 133 x 30 | 30 | 206.8 | 133.9 | 6.4 | 9.6 | UB8 x 5½ | 20 |
| 254 x 102 x 22 | 22 | 254 | 101.6 | 5.7 | 6.8 | W10 x 4 | 15 |
| 254 x 102 x 25 | 25.2 | 257.2 | 101.9 | 6 | 8.4 | W10 x 4 | 17 |
| 254 x 102 x 28 | 28.3 | 260.4 | 102.2 | 6.3 | 10 | W10 x 4 | 19 |
| 242 x 146 x 31 | 31.1 | 251.4 | 146.1 | 6 | 8.6 | UB10 x 5¾ | 21 |
| 254 x 146 x 37 | 37 | 256 | 146.4 | 6.3 | 10.9 | UB10 x 5¾ | 25 |
| 254 x 146 x 43 | 43 | 259.6 | 147.3 | 7.2 | 12.7 | W10 x 5¾ | 30 |
| 305 x 102 x 25 | 24.8 | 305.1 | 101.6 | 5.8 | 7 | W12 x 4 | 16 |
| 305 x 102 x 28 | 28.2 | 308.7 | 101.8 | 6 | 8.8 | W12 x 4 | 19 |
| 305 x 102 x 33 | 32.8 | 312.7 | 102.4 | 6.6 | 10.8 | W12 x 4 | 22 |
| 305 x 127 x 37 | 37 | 304.4 | 123.4 | 7.1 | 10.7 | UB12 x 7 | 25 |
| 305 x 127 x 42 | 41.9 | 307.2 | 124.3 | 8 | 12.1 | UB12 x 6 | 28 |
| 305 x 127 x 48 | 48.1 | 311 | 125.3 | 9 | 14 | UB12 x 5 | 32 |
| 305 x 165 x 40 | 40.3 | 303.4 | 165 | 6 | 10.2 | UB12 x 6½ | 27 |
| 305 x 165 x 46 | 46.1 | 306.6 | 165.7 | 6.7 | 11.8 | UB12 x 6½ | 31 |
| 305 x 165 x 54 | 54 | 310.4 | 166.9 | 7.9 | 13.7 | UB12 x 6½ | 36 |
| 356 x 127 x 33 | 33.1 | 349 | 125.4 | 6 | 8.5 | W14 x 6 | 22 |
| 356 x 127 x 39 | 39.1 | 353.4 | 126 | 6.6 | 10.7 | W14 x 5 | 26 |
| 356 x 171 x 45 | 45 | 351.4 | 171.1 | 7 | 9.7 | W14 x 6¾ | 30 |
| 356 x 171 x 51 | 51 | 355 | 171.5 | 7.4 | 11.5 | W14 x 6¾ | 34 |
| 356 x 171 x 57 | 57 | 358 | 172.2 | 8.1 | 13 | W14 x 6¾ | 38 |
| 356 x 171 x 67 | 67.1 | 363.4 | 173.2 | 9.1 | 15.7 | UB14 x 6¾ | 45 |
| 406 x 140 x 39 | 39 | 398 | 141.8 | 6.4 | 8.6 | W16 x 5½ | 26 |
| 406 x 140 x 46 | 46 | 403.2 | 142.2 | 6.8 | 11.2 | W16 x 5½ | 46 |
| 406 x 178 x 54 | 54.1 | 402.6 | 177.7 | 7.7 | 10.9 | W16 x 10 | 36 |
| 406 x 178 x 60 | 60.1 | 406.4 | 177.9 | 7.9 | 12.8 | W16 x 9 | 40 |
| 406 x 178 x 67 | 67.1 | 409.4 | 178.8 | 8.8 | 14.3 | W16 x 8 | 45 |
| 406 x 178 x 74 | 74.2 | 412.8 | 179.5 | 9.5 | 16 | W16 x 7 | 50 |
| 457 x 152 x 52 | 520 | 499.8 | 152.4 | 7.6 | 10.9 | W18 x 6 | 35 |
| 457 x 152 x 60 | 59.8 | 454.6 | 152.9 | 8.1 | 13.3 | W18 x 6 | 40 |
| 457 x152 x67 | 67.2 | 458 | 153.8 | 9 | 15 | W15 x 6 | 46 |
| 457 x 152 x74 | 74.2 | 462 | 154.4 | 9.6 | 17 |  |  |
| 457 x 152 x 82 | 82.1 | 465.8 | 155.3 | 10.5 | 18.9 |  |  |
| 457 x 191 x 67 | 67.1 | 453.4 | 189.9 | 8.5 | 12.7 | W18 x7½ | 45 |
| 457 x 191 x 74 | 74.3 | 457 | 190.4 | 9 | 14.5 | W18 x 7½ | 50 |
| 457 x 191 x 82 | 82 | 460 | 191.3 | 9.9 | 16 | W18 x 7½ | 55 |
| 457 x 191 x 89 | 89.3 | 463.4 | 191.9 | 10.5 | 17.7 | W18 x 7½ | 60 |
| 457 x 191 x 98 | 98.3 | 467.2 | 192.8 | 11.4 | 19.6 | W18 x 7½ | 65 |
| 553 x 210 x 82 | 82.2 | 528.3 | 208.8 | 9.6 | 13.2 | W21 x 8¾ | 55 |
| 53 x 210 x 92 | 92.1 | 533.1 | 209.3 | 10.1 | 15.6 | W21 x 8¼ | 62 |
| 533 x 210 x 101 | 101 | 536.7 | 210 | 10.8 | 17.4 | W21 x 8¼ | 68 |
| 533 x 210 x 109 | 109 | 539.5 | 210.8 | 11.6 | 18.8 | W21 x 8¼ | 73 |
| 533 x 210 x 122 | 122 | 544.5 | 211.9 | 12.7 | 21.3 | W21 x 8¼ | 83 |
| 610 x 229 x 101 | 101.2 | 602.6 | 227.6 | 10.5 | 14.8 | W24 x 12 | 68 |
| 610 x 29 x 113 | 113 | 607.6 | 228.2 | 11.1 | 17.3 | W24 x 11 | 76 |
| 610 x 229 x 125 | 125.1 | 612.2 | 229 | 11.9 | 19.6 | W24 x 10 | 84 |
| 610 x 229 x 140 | 139.9 | 617.2 | 230.2 | 13.1 | 22.1 | W24 x9 | 94 |
| 610 x 305 x 149 | 149.2 | 612.4 | 304.8 | 11.8 | 19.7 | UB24 x 14 | 100 |
| 610 x 305 x 179 | 179 | 620.2 | 307.1 | 14.1 | 23.6 | UB24 x 13 | 120 |
| 610 x 305 x 238 | 238.1 | 635.8 | 311.4 | 18.4 | 31.4 | UB24 x 12 | 160 |
| 686 x 254 x 125 | 125.2 | 677.9 | 253 | 11.7 | 16.2 | W27 x 13 | 84 |
| 686 x 254 x 140 | 140.1 | 683.5 | 253.7 | 12.4 | 19 | W27 x 12 | 94 |
| 686 x 254 x 152 | 152.4 | 687.5 | 254.5 | 13.2 | 21 | W27 x 11 | 102 |
| 686 x 254 x 170 | 170.2 | 692.9 | 255.8 | 14.5 | 23.7 | W27 x 10 | 114 |
| 762 x 267 x 134 | 133.9 | 750 | 264.4 | 12 | 15.5 | W30 x 10½ | 90 |
| 765 x 267 x 147 | 146.9 | 754 | 265.2 | 12.8 | 17.5 | W30 10½ | 99 |
| 762 x 267 x 173 | 173 | 762.2 | 266.7 | 14.3 | 21.6 | W30 x 10½ | 116 |
| 762 x 267 x 197 | 196.8 | 769.8 | 268 | 15.6 | 25.4 | W30 x 10½ | 132 |
| 838 x 292 x 176 | 175.9 | 834.9 | 291.7 | 14 | 18.8 | W33 x 11½ | 118 |
| 838 x 292 x 194 | 193.8 | 840.7 | 292.4 | 14.7 | 21.7 | W33 x 11½ | 130 |
| 838 x 292 x 226 | 226.5 | 850.9 | 293.8 | 16.1 | 26.8 | W33 x 11½ | 152 |
| 914 x 305 x 201 | 200.9 | 903 | 303.3 | 15.1 | 20.2 | W36 x 12 | 135 |
| 914 x 305 x 224 | 224.2 | 910.4 | 304.1 | 15.9 | 23.9 | W36 x 12 | 150 |
| 914 x 305 x 253 | 253.4 | 918.4 | 305.5 | 17.3 | 27.9 | W36 x 12 | 170 |
| 914 x 305 x 289 | 289.1 | 926.6 | 307.7 | 19.5 | 32 | W36 x 12 | 194 |
| 914 x 419 x 343 | 343.3 | 911.8 | 418.5 | 19.4 | 32 | W36 x 16½ | 230 |
| 914 x 419 x 388 | 388 | 921 | 420.5 | 21.4 | 36.6 | W36 x 16½ | 260 |