S235JR S355JR S355J2 UPN Channels (U Sections)

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 UPN steel channels and sections which are available for immediate dispatch. Masteel are suppliers of UPN Channels (commonly known as 'U Sections') which are used throughout the construction industry. These sections are to the continental specification and therefore, unlike UK sections, are truly metric.

3.Our UPN Channels are high yield making them ideal for use in cold working conditions. Low temperature testing is available and the customer can have their steel tested to their designated temperature, e.g. -20°C, -30°C or -50°C.

Standards/Grades

EN 10025 S235

EN 10025 S355

4.Please refer to our specification details in the table below. To obtain more information concerning our UPN steel sections or to receive a competitive quotation, please contact us

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Mass per  metre Kg/m | Depth of  section mm | Width of  section mm | Web mm | Flange mm |
| HEA100 | 17.1 | 96 | 100 | 5 | 8 |
| HEA120 | 20.4 | 114 | 120 | 5 | 8 |
| HEA140 | 25.3 | 133 | 140 | 5.5 | 8.5 |
| HEA160 | 31.2 | 152 | 160 | 6 | 9 |
| HEA180 | 36.4 | 171 | 180 | 6 | 9.5 |
| HEA200 | 43.4 | 190 | 200 | 6.5 | 10 |
| HEA220 | 51.8 | 210 | 220 | 7 | 11 |
| HEA240 | 48.6 | 224 | 240 | 6.5 | 9 |
| HEA260 | 69.9 | 250 | 260 | 7.5 | 12.5 |
| HEA280 | 78.3 | 270 | 280 | 8 | 13 |
| HEA300 | 90.5 | 290 | 300 | 8.5 | 14 |
| HEA320 | 100 | 310 | 300 | 9 | 15.5 |
| HEA340 | 107.6 | 330 | 300 | 9.5 | 16.5 |
| HEA360 | 112 | 350 | 300 | 10 | 17.5 |
| HEA400 | 125 | 390 | 300 | 11 | 19 |
| HEA450 | 140 | 440 | 300 | 11.5 | 21 |
| HEA500 | 155 | 490 | 300 | 21 | 23 |
| HEA550 | 166 | 540 | 300 | 12.5 | 24 |
| HEA600 | 178 | 590 | 300 | 13 | 25 |
| HEA650 | 190 | 640 | 300 | 13.5 | 26 |
| HEA700 | 204 | 690 | 300 | 14.5 | 27 |
| HEA800 | 224 | 790 | 300 | 15 | 28 |
| HEA900 | 252 | 890 | 300 | 16 | 30 |
| HEA1000 | 272 | 900 | 300 | 16.5 | 31 |
| HEB120 | 27.4 | 120 | 120 | 6.5 | 11 |
| HEB140 | 34.5 | 140 | 140 | 7 | 12 |
| HEB160 | 43.7 | 160 | 160 | 8 | 13 |
| HEB180 | 52.5 | 180 | 180 | 8.5 | 14 |
| HEB200 | 62.8 | 200 | 200 | 9 | 15 |
| HEB220 | 73.3 | 220 | 220 | 9.5 | 16 |
| HEB240 | 85.3 | 240 | 240 | 10 | 17 |
| HEB 260 | 95.3 | 260 | 260 | 10 | 17.5 |
| HEB 280 | 105.6 | 280 | 280 | 10.5 | 18 |
| HEB300 | 119.9 | 300 | 300 | 11 | 19 |
| HEB320 | 130.2 | 320 | 300 | 11.5 | 20.5 |
| HEB340 | 134 | 340 | 300 | 12 | 21.5 |
| HEB360 | 142 | 360 | 300 | 12.5 | 22.5 |
| HEB400 | 155 | 400 | 300 | 13.5 | 24 |
| HEB500 | 187 | 500 | 300 | 14.5 | 28 |
| HEB550 | 199 | 550 | 300 | 15 | 29 |
| HEB600 | 212 | 600 | 300 | 15.5 | 30 |
| HEB650 | 225 | 650 | 300 | 16 | 31 |
| HEB700 | 241 | 700 | 300 | 17 | 32 |
| HEB800 | 262 | 800 | 300 | 17.5 | 33 |
| HEB900 | 291 | 900 | 300 | 18.5 | 35 |
| HEB1000 | 314 | 1000 | 300 | 19 | 36 |
| HEM100 | 42.8 | 120 | 106 | 12 | 20 |
| HEM120 | 53.4 | 140 | 126 | 12.5 | 21 |
| HEM140 | 64.8 | 160 | 146 | 13 | 22 |
| HEM160 | 78.1 | 180 | 166 | 14 | 23 |
| HEM180 | 91.1 | 200 | 186 | 14.5 | 24 |
| HEM200 | 105.6 | 220 | 206 | 15 | 25 |
| HEM220 | 119.9 | 240 | 226 | 15.5 | 26 |
| HEM240 | 160.9 | 270 | 248 | 18 | 23 |
| HEM260 | 176.3 | 290 | 268 | 18 | 32.5 |
| HEM280 | 193.7 | 310 | 288 | 18.5 | 33 |
| HEM300 | 244 | 340 | 310 | 21 | 39 |
| HEM320 | 251.1 | 359 | 309 | 21 | 40 |
| HEM340 | 248 | 377 | 309 | 21 | 40 |
| HEM360 | 250 | 395 | 308 | 21 | 40 |
| HEM400 | 256 | 432 | 307 | 21 | 40 |
| HEM450 | 263 | 478 | 307 | 12 | 40 |
| HEM500 | 270 | 524 | 306 | 21 | 40 |
| HEM550 | 278 | 572 | 306 | 21 | 40 |
| HEM600 | 285 | 620 | 305 | 21 | 40 |
| HEM650 | 293 | 668 | 305 | 21 | 40 |
| HEM700 | 301 | 716 | 304 | 21 | 40 |
| HEM800 | 317 | 814 | 303 | 21 | 40 |
| HEM900 | 333 | 910 | 302 | 21 | 40 |
| HEM1000 | 349 | 1008 | 302 | 21 | 40 |