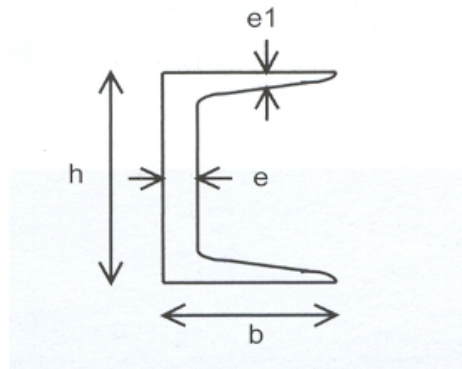
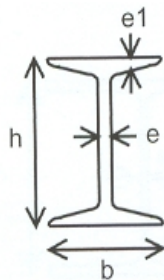


Perfiles Estructurales - UPN



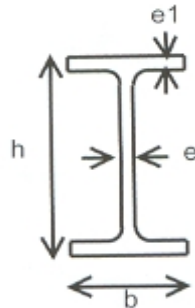
| Medidas | KG/M | h en mm. | b en mm. | e en mm. |
|----------------|--------------|-----------------|-----------------|-----------------|
| 80 | 8,87 | 80 | 45 | 6,0 |
| 100 | 10,87 | 100 | 50 | 6,0 |
| 120 | 13,74 | 120 | 55 | 7,0 |
| 140 | 16,40 | 140 | 60 | 7,0 |
| 160 | 19,27 | 160 | 65 | 7,5 |
| 180 | 22,55 | 180 | 70 | 8,0 |
| 200 | 25,93 | 200 | 75 | 8,5 |
| 220 | 30,14 | 220 | 80 | 9,0 |
| 240 | 34,03 | 240 | 85 | 9,5 |
| 260 | 38,85 | 260 | 90 | 10,0 |
| 280 | 42,85 | 280 | 95 | 10,0 |
| 300 | 47,36 | 300 | 100 | 10,0 |
| 320 | 60,99 | 320 | 100 | 14,0 |
| 350 | 62,12 | 350 | 100 | 14,0 |
| 380 | 64,68 | 380 | 102 | 13,5 |
| 400 | 73,60 | 400 | 110 | 14,0 |

Perfiles Estructurales - IPN



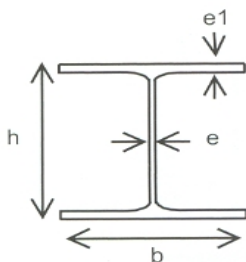
| <i>Medidas</i> | <i>KG/M</i> | <i>h en mm.</i> | <i>b en mm.</i> | <i>e en mm.</i> |
|----------------|---------------|-----------------|-----------------|-----------------|
| 80 | 6,10 | 80 | 42 | 3,9 |
| 100 | 8,53 | 100 | 50 | 4,5 |
| 120 | 11,48 | 120 | 58 | 5,1 |
| 140 | 14,76 | 140 | 66 | 5,7 |
| 160 | 18,35 | 160 | 74 | 6,3 |
| 180 | 22,45 | 180 | 82 | 6,9 |
| 200 | 26,95 | 200 | 90 | 7,5 |
| 220 | 31,88 | 220 | 98 | 8,1 |
| 240 | 37,11 | 240 | 106 | 8,7 |
| 260 | 42,95 | 260 | 113 | 9,4 |
| 280 | 49,20 | 280 | 119 | 10,1 |
| 300 | 55,56 | 300 | 125 | 10,8 |
| 320 | 62,63 | 320 | 131 | 11,5 |
| 340 | 69,80 | 340 | 137 | 12,2 |
| 360 | 78,11 | 360 | 143 | 13,0 |
| 380 | 86,10 | 380 | 149 | 13,7 |
| 400 | 94,92 | 400 | 155 | 14,4 |
| 450 | 117,88 | 450 | 170 | 16,2 |
| 500 | 144,53 | 500 | 185 | 18,0 |
| 550 | 171,18 | 550 | 200 | 19,0 |
| 600 | 203,98 | 600 | 215 | 21,6 |

Perfiles Estructurales - IPE



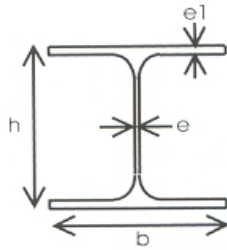
| Medidas | KG/M | h en mm. | b en mm. | e en mm. |
|----------------|---------------|-----------------|-----------------|-----------------|
| 80 | 6,15 | 80 | 46 | 3,8 |
| 100 | 8,30 | 100 | 55 | 4,1 |
| 120 | 10,66 | 120 | 64 | 4,4 |
| 140 | 13,22 | 140 | 73 | 4,7 |
| 160 | 16,20 | 160 | 82 | 5,0 |
| 180 | 19,27 | 180 | 91 | 5,3 |
| 200 | 22,96 | 200 | 100 | 5,6 |
| 220 | 26,86 | 220 | 110 | 5,9 |
| 240 | 31,47 | 240 | 120 | 6,2 |
| 270 | 37,00 | 270 | 135 | 6,6 |
| 300 | 43,26 | 300 | 150 | 7,1 |
| 330 | 50,33 | 330 | 160 | 7,5 |
| 360 | 58,53 | 360 | 170 | 8,0 |
| 400 | 67,96 | 400 | 180 | 8,6 |
| 450 | 79,54 | 450 | 190 | 9,4 |
| 500 | 92,97 | 500 | 200 | 10,2 |
| 550 | 108,65 | 550 | 210 | 11,1 |
| 600 | 125,05 | 600 | 220 | 12,0 |

Perfiles Estructurales - HEA



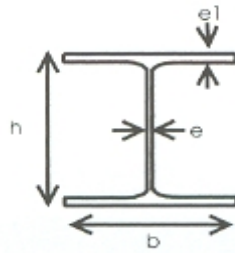
| Medidas | KG/M | h en mm. | b en mm. | e en mm. |
|----------------|---------------|-----------------|-----------------|-----------------|
| 100 | 17,12 | 96 | 100 | 5,0 |
| 120 | 20,40 | 114 | 120 | 5,0 |
| 140 | 25,32 | 133 | 140 | 5,5 |
| 160 | 31,16 | 152 | 160 | 6,0 |
| 180 | 36,39 | 171 | 180 | 6,0 |
| 200 | 43,36 | 190 | 200 | 6,5 |
| 220 | 51,76 | 210 | 220 | 7,0 |
| 240 | 61,81 | 230 | 240 | 7,5 |
| 260 | 69,91 | 250 | 260 | 7,5 |
| 280 | 78,31 | 270 | 280 | 8,0 |
| 300 | 90,51 | 290 | 300 | 8,5 |
| 320 | 100,04 | 310 | 300 | 9,0 |
| 340 | 107,63 | 330 | 300 | 9,5 |
| 360 | 114,80 | 350 | 300 | 10,0 |
| 400 | 128,13 | 390 | 300 | 11,0 |
| 450 | 143,50 | 440 | 300 | 11,5 |
| 500 | 158,88 | 490 | 300 | 12,0 |
| 550 | 170,15 | 540 | 300 | 12,5 |
| 600 | 182,45 | 590 | 300 | 13,0 |
| 650 | 194,75 | 640 | 300 | 13,5 |
| 700 | 209,10 | 690 | 300 | 14,5 |
| 800 | 229,60 | 790 | 300 | 15,0 |
| 900 | 258,30 | 890 | 300 | 16,0 |
| 1000 | 278,80 | 990 | 300 | 16,5 |

Perfiles Estructurales - HEB



| Medidas | KG/M | h en mm. | b en mm. | e en mm. |
|----------------|---------------|-----------------|-----------------|-----------------|
| 100 | 20,91 | 100 | 100 | 6,0 |
| 120 | 27,37 | 120 | 120 | 6,5 |
| 140 | 34,54 | 140 | 140 | 7,0 |
| 160 | 43,67 | 160 | 160 | 8,0 |
| 180 | 52,48 | 180 | 180 | 8,5 |
| 200 | 62,83 | 200 | 200 | 9,0 |
| 220 | 73,29 | 220 | 220 | 9,5 |
| 240 | 85,28 | 240 | 240 | 10,0 |
| 260 | 95,33 | 260 | 260 | 10,0 |
| 280 | 105,58 | 280 | 280 | 10,5 |
| 300 | 119,93 | 300 | 300 | 11,0 |
| 320 | 130,18 | 320 | 300 | 11,5 |
| 340 | 137,35 | 340 | 300 | 12,0 |
| 360 | 145,55 | 360 | 300 | 12,5 |
| 400 | 158,88 | 400 | 300 | 13,5 |
| 450 | 175,28 | 450 | 300 | 14,0 |
| 500 | 191,68 | 500 | 300 | 14,5 |
| 550 | 203,98 | 550 | 300 | 15,0 |
| 600 | 217,30 | 600 | 300 | 15,5 |
| 650 | 230,63 | 650 | 300 | 16,0 |
| 700 | 247,03 | 700 | 300 | 17,0 |
| 800 | 268,55 | 800 | 300 | 17,5 |
| 900 | 298,28 | 900 | 300 | 18,5 |
| 1000 | 321,85 | 1000 | 300 | 19,0 |

Perfiles Estructurales - HEM



| Medidas | KG/M | h en mm. | b en mm. | e en mm. |
|----------------|---------------|-----------------|-----------------|-----------------|
| 100 | 42,85 | 120 | 106 | 12,0 |
| 120 | 53,40 | 140 | 126 | 12,5 |
| 140 | 64,78 | 160 | 146 | 13,0 |
| 160 | 78,11 | 180 | 166 | 14,0 |
| 180 | 91,12 | 200 | 186 | 14,5 |
| 200 | 105,58 | 220 | 206 | 15,0 |
| 220 | 119,93 | 240 | 226 | 15,5 |
| 240 | 160,93 | 270 | 248 | 18,0 |
| 260 | 176,30 | 290 | 268 | 18,0 |
| 280 | 193,73 | 310 | 288 | 18,5 |
| 300 | 243,95 | 340 | 310 | 21,0 |
| 320 | 251,13 | 359 | 309 | 21,0 |
| 340 | 254,20 | 377 | 309 | 21,0 |
| 360 | 256,25 | 395 | 308 | 21,0 |
| 400 | 262,40 | 432 | 307 | 21,0 |
| 450 | 269,58 | 478 | 307 | 21,0 |
| 500 | 276,75 | 524 | 306 | 21,0 |
| 550 | 284,95 | 572 | 306 | 21,0 |
| 600 | 292,13 | 620 | 305 | 21,0 |
| 650 | 300,33 | 668 | 305 | 21,0 |
| 700 | 308,53 | 716 | 304 | 21,0 |
| 800 | 324,93 | 814 | 303 | 21,0 |
| 900 | 341,33 | 910 | 302 | 21,0 |
| 1000 | 357,73 | 1008 | 302 | 21,0 |