

InoxCaribe

ACEROS INOXIDABLES

Ventas: 984 181 49 04

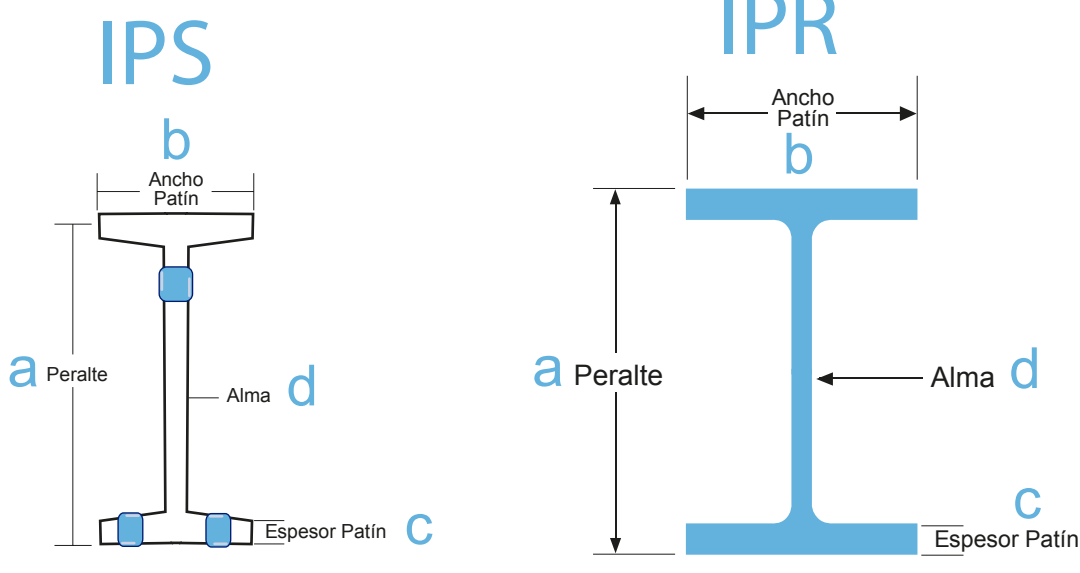
984 179 81 85

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## VIGA IPR Aceros Estructurales

| PERALTE |       | PATIN |      |     | PESO   |          |
|---------|-------|-------|------|-----|--------|----------|
| Pulg.   | mm.   | mm.   | mm.  | mm. | Kg./m. | Kg./Pza. |
| a       | a     | b     | c    | d   |        |          |
| 3       | 76.2  | 59    | 6.6  | 4.3 | 8.48   | 52.0     |
| 4       | 101.6 | 68    | 7.4  | 4.8 | 11.46  | 70.0     |
| 5       | 127.0 | 76    | 8.3  | 5.3 | 14.88  | 90.0     |
| 6       | 152.4 | 85    | 9.1  | 5.8 | 18.60  | 113.5    |
| 8       | 203.2 | 102   | 10.8 | 6.9 | 27.38  | 167.0    |

PESO TEÓRICO EN Kg./pza. (6.10 mts)



| DIMENSIÓN  | PESO     | PERALTE  | ALMA     | PATIN          |                  | PESO TEÓRICO |   |          |
|------------|----------|----------|----------|----------------|------------------|--------------|---|----------|
| Pulg.      | Lbs./pie | mm.<br>a | mm.<br>d | Ancho mm.<br>b | Espesor mm.<br>c | Kg./m.       | C | Kg./Pza. |
| 4 x 4      | 13       | 106      | 7.1      | 103            | 8.8              | 19.37        | P | 236.31   |
|            | 16       | 127      |          | 127            |                  | 23.84        | P | 290.85   |
| 5 x 5      | 19       | 127      |          | 127            |                  | 28.31        | N | 345.38   |
|            | 8.5      | 148      | 4.3      | 100            | 5.0              | 12.67        | N | 154.51   |
|            | 9        | 150      | 4.3      | 100            | 5.5              | 13.41        | N | 163.60   |
| 6 x 4      | 12       | 153      | 5.8      | 102            | 7.1              | 17.88        | N | 218.14   |
|            | 16       | 160      | 6.6      | 102            | 10.3             | 23.84        | N | 290.85   |
|            | 15       | 152      | 5.8      | 152            | 6.6              | 22.35        | N | 272.67   |
| 6 x 6      | 20       | 157      | 6.6      | 153            | 9.3              | 29.80        | N | 363.56   |
|            | 25       | 162      | 8.1      | 154            | 11.6             | 37.25        | N | 454.45   |
|            | 10       | 200      | 4.3      | 100            | 5.2              | 14.90        | N | 181.78   |
| 8 x 4      | 13       | 203      | 5.8      | 102            | 6.5              | 19.37        | N | 236.31   |
|            | 15       | 206      | 6.2      | 102            | 8.0              | 22.35        | N | 272.67   |
| 8 x 5 1/4  | 18       | 207      | 5.8      | 133            | 8.4              | 26.82        | N | 327.20   |
|            | 21       | 210      | 6.4      | 134            | 10.2             | 31.29        | N | 381.74   |
| 8 x 6 1/2  | 24       | 201      | 6.2      | 165            | 10.2             | 35.76        | I | 436.27   |
|            | 28       | 205      | 7.2      | 166            | 11.8             | 41.72        | I | 508.98   |
|            | 31       | 203      | 7.2      | 203            | 11.0             | 46.19        | I | 563.52   |
|            | 35       | 206      | 7.9      | 204            | 12.5             | 52.15        | I | 636.23   |
|            | 40       | 210      | 9.1      | 205            | 14.2             | 59.60        | I | 729.12   |
| 8 x 8      | 41.2     |          |          |                |                  | 61.30        | I | 747.86   |
|            | 48       | 216      | 10.2     | 206            | 17.4             | 71.52        | I | 872.54   |
|            | 58       | 222      | 13.0     | 209            | 20.6             | 86.42        | I | 1,054.32 |
|            | 67       | 229      | 14.5     | 210            | 23.7             | 99.83        | I | 1,217.93 |
|            | 12       | 251      | 4.8      | 101            | 5.3              | 17.88        | N | 218.14   |
| 10 x 4     | 15       | 254      | 5.8      | 102            | 6.9              | 22.35        | N | 272.67   |
|            | 17       | 257      | 6.1      | 102            | 8.4              | 25.33        | N | 309.03   |
|            | 19       | 260      | 6.4      | 102            | 10.0             | 28.31        | N | 345.38   |
|            | 22       | 258      | 6.1      | 146            | 9.1              | 32.78        | N | 399.92   |
| 10 x 5 3/4 | 26       | 262      | 6.6      | 147            | 11.2             | 38.74        | N | 472.63   |
|            | 30       | 266      | 7.6      | 148            | 13.0             | 44.70        | N | 545.34   |
|            | 33       | 247      | 7.4      | 202            | 11.0             | 49.17        | I | 599.87   |
| 10 x 8     | 39       | 252      | 8.0      | 203            | 13.5             | 58.11        | I | 708.94   |
|            | 45       | 257      | 8.9      | 204            | 15.7             | 67.05        | I | 818.01   |
|            | 49       | 253      | 8.6      | 254            | 14.2             | 73.01        | I | 890.72   |
|            | 54       | 256      | 9.4      | 255            | 15.6             | 80.46        | I | 981.61   |
|            | 60       | 260      | 10.7     | 256            | 17.3             | 89.40        | I | 1,090.68 |
|            | 68       | 264      | 11.9     | 257            | 19.6             | 101.32       | I | 1,236.10 |
|            | 77       | 269      | 13.5     | 259            | 22.1             | 114.73       | I | 1,399.71 |
|            | 88       | 275      | 15.4     | 261            | 25.1             | 131.12       | I | 1,599.66 |
|            | 100      | 282      | 17.3     | 263            | 28.4             | 149.00       | I | 1,817.80 |
|            | 112      | 289      | 19.2     | 265            | 31.8             | 166.88       | I | 2,035.94 |
|            | 14       | 303      | 5.1      | 101            | 5.7              | 20.86        | N | 254.49   |
| 12 x 4     | 16       | 305      | 5.6      | 101            | 6.7              | 23.84        | N | 290.85   |
|            | 19       | 309      | 6.0      | 102            | 8.9              | 28.31        | N | 345.38   |
|            | 22       | 313      | 6.6      | 102            | 10.8             | 32.78        | N | 399.92   |
|            | 26       | 310      | 5.8      | 165            | 9.7              | 38.74        | N | 472.63   |
| 12 x 6 1/2 | 30       | 313      | 6.6      | 166            | 11.2             | 44.70        | N | 545.34   |
|            | 35       | 318      | 7.6      | 167            | 13.2             | 52.15        | N | 636.23   |
|            | 40       | 303      | 7.5      | 203            | 13.1             | 59.60        | N | 727.12   |
| 12 x 8     | 45       | 306      | 8.5      | 204            | 14.6             | 67.05        | N | 818.01   |
|            | 50       | 310      | 9.4      | 205            | 16.3             | 74.50        | N | 908.90   |

PESO TEÓRICO EN Kg./Pza. (12.20mts.)

| DIMENSIÓN   | PESO     | PERALTE  | ALMA     | PATIN          |                  | PESO TEÓRICO |   |          |
|-------------|----------|----------|----------|----------------|------------------|--------------|---|----------|
| Pulg.       | Lbs./Pie | mm.<br>a | mm.<br>d | Ancho mm.<br>b | Espesor mm.<br>c | Kg./m.       | C | Kg./Pza. |
| 12 x 10     | 53       | 306      | 8.8      | 254            | 14.6             | 78.97        | N | 963.43   |
|             | 58       | 310      | 9.1      | 254            | 16.3             | 86.42        | I | 1,054.32 |
|             | 65       | 308      | 9.9      | 305            | 15.4             | 96.85        | P | 1,181.57 |
|             | 72       | 311      | 10.9     | 306            | 17.0             | 107.28       | P | 1,308.82 |
|             | 79       | 314      | 11.9     | 307            | 18.7             | 117.71       | P | 1,436.06 |
|             | 87       | 318      | 13.1     | 308            | 20.6             | 129.63       | P | 1,581.49 |
|             | 96       | 323      | 14.0     | 309            | 22.9             | 143.04       | P | 1,745.09 |
|             | 106      | 327      | 15.5     | 310            | 25.1             | 157.94       | P | 1,926.87 |
|             | 120      | 333      | 18.0     | 313            | 28.1             | 178.80       | P | 2,181.36 |
|             | 136      | 341      | 20.1     | 315            | 31.8             | 202.64       | P | 2,472.21 |
|             | 152      | 348      | 22.1     | 317            | 35.6             | 226.48       | P | 2,763.06 |
|             | 161      | 356      | 24.3     | 319            | 39.6             | 239.89       | P | 2,926.65 |
|             | 170      | 356      | 24.4     | 322            | 39.6             | 253.30       | P | 3,090.26 |
|             | 190      | 365      | 26.9     | 322            | 44.1             | 283.10       | P | 3,453.82 |
|             | 201      |          |          |                |                  | 299.49       | P | 3,653.78 |
|             | 210      | 374      | 30.0     | 313            | 48.3             | 312.90       | P | 3,817.38 |
|             | 230      | 382      | 32.6     | 342            | 52.6             | 342.70       | P | 4,180.94 |
|             | 252      |          |          |                |                  | 375.48       |   | 4,580.85 |
|             | 279      |          |          |                |                  | 415.71       |   | 5,071.66 |
|             | 305      |          |          |                |                  | 454.45       |   | 5,544.29 |
|             | 336      | 500      | 42.0     | 405            | 74.0             | 500.64       |   | 6,107.80 |
| 14 x 5      | 22       | 349      | 5.8      | 127            | 8.5              | 32.78        | N | 399.92   |
|             | 26       | 353      | 6.5      | 128            | 10.7             | 38.74        | N | 472.63   |
|             | 30       | 352      | 6.9      | 171            | 9.8              | 44.70        | N | 545.34   |
| 14 x 6 3/4  | 34       | 355      | 7.2      | 171            | 11.5             | 50.66        | N | 618.05   |
|             | 38       | 358      | 7.9      | 172            | 13.1             | 56.62        | N | 690.76   |
|             | 43       | 347      | 7.7      | 203            | 13.5             | 64.07        | N | 781.65   |
| 14 x 8      | 48       | 350      | 8.6      | 204            | 15.1             | 71.52        | N | 872.54   |
|             | 53       | 354      | 9.4      | 205            | 16.8             | 78.97        | N | 963.43   |
|             | 61       | 353      | 9.5      | 254            | 16.4             | 90.89        | N | 1,108.85 |
| 14 x 10     | 68       | 367      | 10.5     | 255            | 18.3             | 101.32       | I | 1,236.10 |
|             | 74       | 360      | 11.4     | 256            | 19.9             | 110.26       | I | 1,345.17 |
|             | 82       | 363      | 13.0     | 257            | 21.7             | 122.18       | I | 1,490.60 |
|             | 90       | 356      | 11.2     | 369            | 18.0             | 134.10       | P | 1,636.02 |
|             | 99       | 360      | 12.3     | 370            | 19.8             | 147.51       | P | 1,799.62 |
| 14 x 14 1/2 | 109      | 364      | 13.3     | 371            | 21.8             | 162.41       | P | 1,981.40 |
|             | 120      | 368      | 15.0     | 373            | 23.9             | 178.80       | P | 2,181.36 |
|             | 128      |          |          |                |                  | 190.72       | P | 2,326.78 |
|             | 132      | 372      | 16.4     | 374            | 26.2             | 196.68       | P | 2,399.50 |
| 14 x 14 3/4 | 132      |          |          |                |                  | 196.68       | P | 2,399.50 |
|             | 132      |          |          |                |                  | 196.88       | I | 3,597.26 |
|             | 145      | 375      | 17.3     | 394            | 27.7             | 216.05       | J | 2,635.81 |
|             | 159      | 380      | 18.9     | 395            | 30.2             | 236.91       | J | 2,890.30 |
|             | 176      | 387      | 21.1     | 398            | 33.3             | 262.24       | J | 3,199.32 |
|             | 193      | 393      | 22.6     | 399            | 36.6             | 287.57       | J | 3,508.35 |
|             | 211      | 399      | 24.9     | 401            | 39.6             | 314.39       | J | 3,835.56 |
|             | 233      | 407      | 27.2     | 404            | 43.7             | 347.17       | J | 4,235.47 |
|             | 257      | 416      | 29.8     | 406            | 48.0             | 382.93       | J | 4,671.75 |
|             | 283      | 425      | 32.7     | 409            | 52.6             | 421.67       | J | 5,144.37 |
|             | 311      | 435      | 35.8     | 412            | 57.4             | 463.39       | J | 5,653.36 |
|             | 342      | 446      | 39.1     | 416            | 62.7             | 509.58       | J | 6,216.88 |
|             | 370      | 455      | 42.0     | 418            | 67.6             | 551.30       | J | 6,725.86 |
|             | 398      | 465      | 45.0     | 421            | 72.3             | 593.02       | J | 7,234.84 |
|             | 426      | 474      | 47.6     | 424            | 77.1             | 634.74       | J | 7,743.83 |

PESO TEÓRICO EN Kg./Pza. (12.20 mts.)

| DIMENSIÓN   | PESO     | PERALTE | ALMA | PATIN     |             | PESO TEÓRICO |           |           |
|-------------|----------|---------|------|-----------|-------------|--------------|-----------|-----------|
| Pulg.       | Lbs./Pie | mm.     | mm.  | Ancho mm. | Espesor mm. | Kg./m.       | C         | Kg./Pza.  |
|             |          | a       | d    | b         | c           |              |           |           |
| 14 x 16     | 455      |         |      |           |             | 677.95       |           | 8,270.99  |
|             | 500      |         |      |           |             | 745.00       | J         | 9,089.00  |
|             | 550      |         |      |           |             | 819.50       | J         | 9,997.90  |
|             | 605      | 498     | 55.6 | 428       | 88.9        | 901.45       |           | 10,997.69 |
|             | 665      |         |      |           |             | 990.85       |           | 12,088.37 |
| 730         | 569      | 71.9    | 454  | 125.0     | 1,087.70    | J            | 13,269.94 |           |
| 16 x 5/2    | 26       | 399     | 6.4  | 140       | 8.8         | 38.74        | N         | 472.63    |
|             | 31       | 403     | 7.0  | 140       | 11.2        | 46.19        | N         | 563.52    |
| 16 x 7      | 36       | 403     | 7.5  | 177       | 10.9        | 53.64        | N         | 654.41    |
|             | 40       | 407     | 7.7  | 178       | 12.8        | 59.60        | N         | 727.12    |
|             | 45       | 410     | 8.8  | 179       | 14.4        | 67.05        | N         | 818.01    |
|             | 50       | 413     | 9.7  | 180       | 16.0        | 74.50        | N         | 908.90    |
|             | 57       | 417     | 10.9 | 181       | 18.2        | 84.93        | I         | 1,036.15  |
| 16 x 10 1/4 | 67       | 415     | 10.0 | 260       | 16.9        | 99.83        | I         | 1,217.93  |
|             | 77       | 420     | 11.6 | 261       | 19.3        | 114.73       | I         | 1,399.71  |
|             | 89       | 425     | 13.3 | 263       | 22.2        | 132.61       | I         | 1,617.84  |
|             | 100      | 431     | 14.9 | 265       | 25.0        | 149.00       |           | 1,817.80  |
| 18 x 6      | 35       | 450     | 7.6  | 152       | 10.8        | 52.15        | N         | 636.23    |
|             | 40       | 455     | 8.0  | 153       | 13.3        | 59.60        | N         | 727.12    |
|             | 46       | 459     | 9.1  | 154       | 15.4        | 68.54        | N         | 836.19    |
| 18 x 7 1/2  | 50       | 457     | 9.0  | 190       | 14.5        | 74.50        | N         | 908.90    |
|             | 55       | 460     | 9.9  | 191       | 16.0        | 81.95        | N         | 999.79    |
|             | 60       | 463     | 10.5 | 192       | 17.7        | 89.40        | N         | 1,090.68  |
|             | 65       | 466     | 11.4 | 193       | 19.1        | 96.85        | N         | 1,181.57  |
|             | 71       | 469     | 12.6 | 194       | 20.6        | 105.79       | N         | 1,290.64  |
|             | 76       | 463     | 10.8 | 280       | 17.3        | 113.24       | I         | 1,381.53  |
| 18 x 11     | 86       | 467     | 12.2 | 282       | 19.6        | 128.14       | I         | 1,563.31  |
|             | 97       | 472     | 13.6 | 283       | 22.1        | 144.53       | I         | 1,763.27  |
|             | 106      | 476     | 15.0 | 284       | 23.9        | 157.94       | P         | 1,926.87  |
|             | 119      | 482     | 16.6 | 286       | 26.9        | 177.31       | P         | 2,163.18  |
|             | 130      | 489     | 17.0 | 283       | 30.5        | 193.70       | P         | 2,363.14  |
|             | 143      | 495     | 19.6 | 285       | 33.5        | 213.07       | P         | 2,599.45  |
|             | 158      | 501     | 20.6 | 287       | 36.6        | 235.42       | J         | 2,872.12  |
|             | 175      | 509     | 22.6 | 289       | 40.4        | 260.75       | J         | 3,181.15  |
|             | 192      | 517     | 24.4 | 291       | 44.4        | 286.08       |           | 3,490.18  |
|             | 211      | 525     | 26.9 | 293       | 48.5        | 314.39       |           | 3,835.56  |
|             | 234      | 535     | 29.5 | 296       | 53.6        | 348.66       | J         | 4,253.65  |
|             | 258      | 545     | 32.5 | 299       | 58.4        | 384.42       |           | 4,689.92  |
|             | 283      | 555     | 35.6 | 302       | 63.5        | 421.70       |           | 5,144.37  |
| 311         | 567      | 38.6    | 305  | 69.6      | 463.39      |              | 5,653.36  |           |
| 21 x 6 1/2  | 44       | 525     | 8.9  | 165       | 11.4        | 65.56        | I         | 799.83    |
|             | 50       | 529     | 9.7  | 166       | 13.6        | 74.50        | I         | 908.90    |
|             | 57       | 535     | 10.3 | 166       | 16.5        | 84.93        | I         | 1,036.15  |
| 21 x 8 1/4  | 48       |         |      |           |             | 71.52        |           | 872.54    |
|             | 55       |         |      |           |             | 81.95        |           | 999.79    |
|             | 62       | 533     | 10.2 | 209       | 15.6        | 92.38        |           | 1,127.04  |
|             | 68       | 537     | 10.9 | 210       | 17.4        | 101.32       |           | 1,236.10  |
|             | 73       | 539     | 11.6 | 211       | 18.8        | 108.77       |           | 1,326.99  |
|             | 83       | 544     | 13.1 | 212       | 21.1        | 123.67       | I         | 1,508.77  |
| 21 x 8 1/2  | 93       | 549     | 14.7 | 214       | 23.6        | 138.57       | I         | 1,690.58  |
|             | 73       |         |      |           |             | 108.77       | I         | 1,326.99  |
|             | 83       |         |      |           |             | 123.67       | I         | 1,508.77  |
| 93          |          |         |      |           | 138.57      | I            | 1,690.55  |           |