

Viga IPR

Conocida también como “haz universal” o “columna universal”, es un elemento que se encarga de soportar las cargas de las losas y transferirlas hacia las columnas, bases y suelo. Estas vigas, con su perfil en forma de “I” o “H”, se disponen horizontalmente para unir las columnas entre sí, brindando rigidez y estabilidad al sistema estructural. Son reconocidas por contar con resistencia y capacidad de carga, convirtiéndose en una elección confiable para la construcción de estructuras sólidas.

Especificaciones

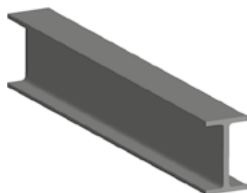
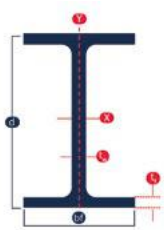
- ▣ Largos de 12.20 m y en algunas medidas 6.10 m
- ▣ Peso y medidas de acuerdo a lo establecido en la norma ASTM-A6/A6M-07
- ▣ Disponibles en grado Dual A-36/A-572-50 y ASTM A-992 y medidas irregulares

Aplicaciones

- ▣ Base para losas
- ▣ Unión estructural
- ▣ Marcos y escaleras
- ▣ Fabricación de carrocerías

Beneficios del producto

- ▣ Gran resistencia estructural
- ▣ Ahorros en los tiempos de obra
- ▣ Facilitan la construcción de diseños complejos
- ▣ Fabricados bajo los más estrictos estándares de calidad



Descubre más sobre este producto en línea ¡Escanear el código!

| Nominal | | Peso | | Peralte | | Patín | | | | Alma | |
|----------------------|----------------|--------|--------|---------|-----|------------|-----|--------------|-------|--------------|-------|
| | | | | d | | Ancho (bf) | | Espesor (tf) | | Espesor (tw) | |
| pulgadas (d x bf) | mm (d x bf) | kg/m | lb/pie | in | mm | in | mm | in | mm | in | mm |
| 4 x 4 | 101.6 x 101.6 | 19.30 | 13 | 4.160 | 106 | 4.060 | 103 | 0.350 | 8.80 | 0.280 | 7.11 |
| 6 x 4 | 152.4 x 101.6 | 12.60 | 8.5 | 5.830 | 148 | 3.940 | 100 | 0.200 | 5.00 | 0.170 | 4.30 |
| | | 13.40 | 9 | 5.900 | 150 | 3.940 | 100 | 0.220 | 5.50 | 0.170 | 4.30 |
| | | 17.90 | 12 | 6.030 | 153 | 4 | 102 | 0.280 | 7.10 | 0.230 | 5.80 |
| | | 23.80 | 16 | 6.280 | 160 | 4.030 | 102 | 0.410 | 10.30 | 0.260 | 6.60 |
| 6 x 6 | 152.4 x 152.4 | 22.30 | 15 | 5.990 | 152 | 5.990 | 152 | 0.260 | 6.60 | 0.230 | 5.80 |
| | | 29.80 | 20 | 6.200 | 157 | 6.020 | 153 | 0.370 | 9.30 | 0.260 | 6.60 |
| | | 37.20 | 25 | 6.380 | 162 | 6.080 | 154 | 0.460 | 11.60 | 0.320 | 8.10 |
| 8 x 4 | 203.2 x 101.6 | 14.90 | 10 | 7.890 | 200 | 3.940 | 100 | 0.210 | 5.20 | 0.170 | 4.30 |
| | | 19.30 | 13 | 7.990 | 203 | 4 | 102 | 0.260 | 6.50 | 0.230 | 5.80 |
| | | 22.30 | 15 | 8.110 | 206 | 4.020 | 102 | 0.320 | 8 | 0.250 | 6.20 |
| 8 x 5 1/4 | 203.2 x 133.4 | 26.80 | 18 | 8.140 | 207 | 5.250 | 133 | 0.330 | 8.40 | 0.230 | 5.80 |
| | | 31.20 | 21 | 8.280 | 210 | 5.270 | 134 | 0.400 | 10.20 | 0.250 | 6.40 |
| 8 x 6 1/2 | 203.2 x 165.1 | 35.70 | 24 | 7.930 | 201 | 6.500 | 165 | 0.400 | 10.20 | 0.250 | 6.20 |
| | | 41.70 | 28 | 8.060 | 205 | 6.540 | 166 | 0.470 | 11.80 | 0.290 | 7.20 |
| 8 x 8 | 203.2 x 203.2 | 46.10 | 31 | 8 | 203 | 8 | 203 | 0.440 | 11 | 0.290 | 7.20 |
| | | 52.10 | 35 | 8.120 | 206 | 8.020 | 204 | 0.500 | 12.60 | 0.310 | 7.90 |
| | | 59.50 | 40 | 8.250 | 210 | 8.070 | 205 | 0.560 | 14.20 | 0.360 | 9.10 |
| | | 71.40 | 48 | 8.500 | 216 | 8.110 | 206 | 0.690 | 17.40 | 0.400 | 10.20 |
| | | 86.30 | 58 | 8.750 | 222 | 8.220 | 209 | 0.810 | 20.60 | 0.510 | 13 |
| 10 x 4 | 254 x 101.6 | 17.90 | 12 | 9.870 | 251 | 3.960 | 101 | 0.210 | 5.30 | 0.190 | 4.80 |
| | | 22.30 | 15 | 9.990 | 254 | 4 | 102 | 0.270 | 6.90 | 0.230 | 5.80 |
| | | 25.30 | 17 | 10.110 | 257 | 4.010 | 102 | 0.330 | 8.40 | 0.240 | 6.10 |
| | | 28.30 | 19 | 10.240 | 260 | 4.020 | 102 | 0.400 | 10 | 0.250 | 6.40 |
| 10 x 5 1/4 | 254 x 146 | 32.70 | 22 | 10.170 | 258 | 5.750 | 146 | 0.360 | 9.10 | 0.240 | 6.10 |
| | | 38.70 | 26 | 10.330 | 262 | 5.770 | 147 | 0.440 | 11.20 | 0.260 | 6.60 |
| 10 x 8 | 254 x 203.2 | 44.60 | 30 | 10.470 | 266 | 5.810 | 148 | 0.510 | 13 | 0.300 | 7.60 |
| | | 49.10 | 33 | 9.730 | 247 | 7.960 | 202 | 0.440 | 11 | 0.290 | 7.40 |
| | | 58 | 39 | 9.920 | 252 | 7.990 | 203 | 0.530 | 13.50 | 0.320 | 8.00 |
| 10 x 10 | 254 x 254 | 67 | 45 | 10.100 | 257 | 8.020 | 204 | 0.620 | 15.70 | 0.350 | 8.90 |
| | | 72.90 | 49 | 9.980 | 253 | 10 | 254 | 0.560 | 14.20 | 0.340 | 8.60 |
| | | 80.40 | 54 | 10.090 | 256 | 10.030 | 255 | 0.620 | 15.60 | 0.370 | 9.40 |
| | | 89.30 | 60 | 10.220 | 260 | 10.080 | 256 | 0.680 | 17.30 | 0.420 | 10.70 |
| | | 101.10 | 68 | 10.400 | 264 | 10.130 | 257 | 0.770 | 19.60 | 0.470 | 11.90 |
| | | 114.57 | 77 | 10.600 | 269 | 10.190 | 259 | 0.870 | 22.10 | 0.530 | 13.50 |
| | | 130.94 | 88 | 10.840 | 275 | 10.265 | 261 | 0.990 | 25.10 | 0.605 | 15.40 |
| | | 148.80 | 100 | 11.100 | 282 | 10.340 | 263 | 1.120 | 28.40 | 0.680 | 17.30 |
| 12 x 4 | 304.8 x 101.6 | 166.65 | 112 | 11.360 | 289 | 10.415 | 265 | 1.250 | 31.80 | 0.755 | 19.20 |
| | | 20.80 | 14 | 11.910 | 303 | 3.970 | 101 | 0.230 | 5.70 | 0.200 | 5.10 |
| | | 23.80 | 16 | 11.990 | 305 | 3.990 | 101 | 0.270 | 6.70 | 0.220 | 5.60 |
| | | 28.30 | 19 | 12.160 | 309 | 4.010 | 102 | 0.350 | 8.90 | 0.240 | 6 |
| | | 32.70 | 22 | 12.310 | 313 | 4.030 | 102 | 0.430 | 10.80 | 0.260 | 6.60 |

| Nominal | | Peso | | Peralte | | Patín | | | | Alma | |
|----------------------|----------------|--------|--------|---------|-----|------------|-----|--------------|-------|--------------|-------|
| pulgadas (d x bf) | mm (d x bf) | kg/m | lb/pie | d | | Ancho (bf) | | Espesor (tf) | | Espesor (tw) | |
| | | | | in | mm | in | mm | in | mm | in | mm |
| 12 x 6 1/2 | 304.8 x 165.1 | 38.70 | 26 | 12.220 | 310 | 6.490 | 165 | 0.380 | 9.70 | 0.230 | 5.80 |
| | | 44.60 | 30 | 12.340 | 313 | 6.520 | 166 | 0.440 | 11.20 | 0.260 | 6.60 |
| | | 52.10 | 35 | 12.500 | 318 | 6.560 | 167 | 0.520 | 13.20 | 0.300 | 7.60 |
| 12 x 8 | 304.8 x 203.2 | 59.50 | 40 | 11.940 | 303 | 8.010 | 203 | 0.520 | 13.10 | 0.300 | 7.50 |
| | | 67 | 45 | 12.060 | 306 | 8.050 | 204 | 0.580 | 14.60 | 0.340 | 8.50 |
| | | 74.40 | 50 | 12.190 | 310 | 8.080 | 205 | 0.640 | 16.30 | 0.370 | 9.40 |
| 12 x 10 | 304.8 x 254 | 78.90 | 53 | 12.060 | 306 | 10 | 254 | 0.580 | 14.60 | 0.350 | 8.80 |
| | | 86.30 | 58 | 12.190 | 310 | 10.010 | 254 | 0.640 | 16.30 | 0.360 | 9.10 |
| 12 x 12 | 304.8 x 304.8 | 96.70 | 65 | 12.120 | 308 | 12 | 305 | 0.610 | 15.40 | 0.390 | 9.90 |
| | | 107.10 | 72 | 12.250 | 311 | 12.040 | 306 | 0.670 | 17.00 | 0.430 | 10.90 |
| | | 117.60 | 79 | 12.380 | 314 | 12.080 | 307 | 0.740 | 18.70 | 0.470 | 11.90 |
| | | 129.45 | 87 | 12.530 | 318 | 12.125 | 308 | 0.810 | 20.60 | 0.5150 | 13.10 |
| | | 142.90 | 96 | 12.710 | 323 | 12.160 | 309 | 0.900 | 22.90 | 0.550 | 14.00 |
| | | 157.72 | 106 | 12.890 | 327 | 12.220 | 310 | 0.990 | 25.10 | 0.610 | 15.50 |
| | | 202.36 | 136 | 13.410 | 341 | 12.400 | 315 | 1.250 | 31.80 | 0.790 | 20.10 |
| | | 226.17 | 152 | 13.710 | 348 | 12.480 | 317 | 1.400 | 35.60 | 0.870 | 22.10 |
| | | 252.99 | 170 | 14.030 | 356 | 12.570 | 319 | 1.560 | 39.60 | 0.960 | 24.40 |
| | | 282.72 | 190 | 14.380 | 365 | 12.670 | 322 | 1.735 | 44.10 | 1.060 | 26.90 |
| 14 x 5 | 355.6 x 127 | 32.70 | 22 | 13.740 | 349 | 5 | 127 | 0.340 | 8.50 | 0.230 | 5.80 |
| | | 38.70 | 26 | 13.910 | 353 | 5.030 | 128 | 0.420 | 10.70 | 0.260 | 6.50 |
| 14 x 6 3/4 | 355.6 x 171.4 | 44.60 | 30 | 13.840 | 352 | 6.730 | 171 | 0.390 | 9.80 | 0.270 | 6.90 |
| | | 50.60 | 34 | 13.980 | 355 | 6.750 | 171 | 0.460 | 11.60 | 0.290 | 7.20 |
| | | 56.50 | 38 | 14.100 | 358 | 6.770 | 172 | 0.520 | 13.10 | 0.310 | 7.90 |
| 14 x 8 | 355.6 x 203.2 | 64 | 43 | 13.660 | 347 | 8 | 203 | 0.530 | 13.50 | 0.310 | 7.70 |
| | | 71.40 | 48 | 13.790 | 350 | 8.030 | 204 | 0.600 | 15.10 | 0.340 | 8.60 |
| | | 78.90 | 53 | 13.920 | 354 | 8.060 | 205 | 0.660 | 16.80 | 0.370 | 9.40 |
| 14 x 10 | 355.6 x 254 | 90.80 | 61 | 13.890 | 353 | 10 | 254 | 0.650 | 16.40 | 0.380 | 9.50 |
| | | 101.20 | 68 | 14.040 | 357 | 10.040 | 255 | 0.720 | 18.30 | 0.420 | 10.50 |
| | | 110.10 | 74 | 14.170 | 360 | 10.070 | 256 | 0.790 | 19.90 | 0.450 | 11.40 |
| | | 122 | 82 | 14.310 | 363 | 10.130 | 257 | 0.855 | 21.70 | 0.510 | 13 |
| 14 x 14 1/2 | 355.6 x 368.3 | 133.90 | 90 | 14.020 | 356 | 14.520 | 369 | 0.710 | 18.00 | 0.440 | 11.20 |
| | | 147.30 | 99 | 14.160 | 360 | 14.570 | 370 | 0.780 | 19.80 | 0.490 | 12.30 |
| | | 162.20 | 109 | 14.320 | 364 | 14.610 | 371 | 0.860 | 21.80 | 0.530 | 13.30 |
| | | 178.60 | 120 | 14.480 | 368 | 14.670 | 373 | 0.940 | 23.90 | 0.590 | 15.00 |
| | | 196.40 | 132 | 14.660 | 372 | 14.730 | 374 | 1.030 | 26.20 | 0.650 | 16.40 |
| 14 x 16 | 355.6 x 406.4 | 215.80 | 145 | 14.780 | 375 | 15.500 | 394 | 1.090 | 27.70 | 0.680 | 17.30 |
| | | 236.60 | 159 | 14.980 | 380 | 15.570 | 395 | 1.190 | 30.20 | 0.750 | 18.90 |
| | | 261.90 | 176 | 15.220 | 387 | 15.650 | 398 | 1.310 | 33.30 | 0.830 | 21.10 |
| | | 287.20 | 193 | 15.480 | 393 | 15.710 | 399 | 1.440 | 36.60 | 0.890 | 22.60 |
| | | 313.96 | 211 | 15.720 | 399 | 15.800 | 401 | 1.560 | 39.60 | 0.980 | 24.90 |
| | | 382.41 | 257 | 16.380 | 416 | 15.995 | 406 | 1.890 | 48.00 | 1.175 | 29.80 |

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|----------------------|----------------|------------|---------------|---------|-----|------------|-----|--------------|-------|--------------|-------|
| | | | | d | | Ancho (bf) | | Espesor (tf) | | Espesor (tw) | |
| pulgadas (d x bf) | mm (d x bf) | kg/m | lb/pie | in | mm | in | mm | in | mm | in | mm |
| 16 x 5 1/2 | 406.4 x 139.7 | 38.70 | 26 | 15.690 | 399 | 5.500 | 140 | 0.350 | 8.80 | 0.250 | 6.40 |
| | | 46.10 | 31 | 15.880 | 403 | 5.530 | 140 | 0.440 | 11.20 | 0.280 | 7 |
| 16 x 7 | 406.4 x 177.8 | 53.60 | 36 | 15.860 | 403 | 6.990 | 177 | 0.430 | 10.90 | 0.300 | 7.50 |
| | | 59.50 | 40 | 16.010 | 407 | 7 | 178 | 0.510 | 12.80 | 0.310 | 7.70 |
| | | 67 | 45 | 16.130 | 410 | 7.040 | 179 | 0.570 | 14.40 | 0.350 | 8.80 |
| | | 74.40 | 50 | 16.260 | 413 | 7.070 | 180 | 0.630 | 16 | 0.380 | 9.70 |
| | | 84.80 | 57 | 16.430 | 417 | 7.120 | 181 | 0.720 | 18.20 | 0.430 | 10.90 |
| 16 x 10 1/4 | 406.4 x 260.3 | 99.70 | 67 | 16.330 | 415 | 10.240 | 260 | 0.670 | 16.90 | 0.400 | 10 |
| | | 114.60 | 77 | 16.520 | 420 | 10.300 | 261 | 0.760 | 19.30 | 0.460 | 11.60 |
| | | 132.40 | 89 | 16.750 | 425 | 10.370 | 263 | 0.880 | 22.20 | 0.530 | 13.30 |
| | | 149.00 | 100 | 16.970 | 431 | 10.425 | 265 | 0.985 | 25.00 | 0.585 | 14.90 |
| 18 x 6 | 457.2 x 152.4 | 52.10 | 35 | 17.700 | 450 | 6 | 152 | 0.430 | 10.80 | 0.300 | 7.60 |
| | | 59.50 | 40 | 17.900 | 455 | 6.020 | 153 | 0.530 | 13.30 | 0.320 | 8 |
| | | 68.40 | 46 | 18.060 | 459 | 6.060 | 154 | 0.610 | 15.40 | 0.360 | 9.10 |
| 18 x 7 1/2 | 457.2 x 190.5 | 74.40 | 50 | 17.990 | 457 | 7.500 | 190 | 0.570 | 14.50 | 0.360 | 9 |
| | | 81.80 | 55 | 18.110 | 460 | 7.530 | 191 | 0.630 | 16.00 | 0.390 | 9.90 |
| | | 89.30 | 60 | 18.240 | 463 | 7.560 | 192 | 0.700 | 17.70 | 0.420 | 10.50 |
| | | 96.70 | 65 | 18.350 | 466 | 7.590 | 193 | 0.750 | 19.10 | 0.450 | 11.40 |
| | | 105.60 | 71 | 18.470 | 469 | 7.640 | 194 | 0.810 | 20.60 | 0.500 | 12.60 |
| 18 x 11 | 457.2 x 279.4 | 113.10 | 76 | 18.210 | 463 | 11.040 | 280 | 0.680 | 17.30 | 0.430 | 10.80 |
| | | 128 | 86 | 18.390 | 467 | 11.090 | 282 | 0.770 | 19.60 | 0.480 | 12.20 |
| | | 144.30 | 97 | 18.590 | 472 | 11.150 | 283 | 0.870 | 22.10 | 0.540 | 13.60 |
| | | 157.70 | 106 | 18.730 | 476 | 11.200 | 284 | 0.940 | 23.90 | 0.590 | 15.00 |
| | | 177.10 | 119 | 18.970 | 482 | 11.270 | 286 | 1.060 | 26.90 | 0.660 | 16.60 |
| | | 193.46 | 130 | 19.250 | 489 | 11.160 | 283 | 1.200 | 30.50 | 0.670 | 17 |
| | | 213.00 | 143 | 19.490 | 495 | 11.220 | 285 | 1.320 | 33.50 | 0.730 | 18.50 |
| | | 235 | 158 | 19.720 | 501 | 11.300 | 287 | 1.440 | 36.60 | 0.810 | 20.60 |
| | | 260.40 | 175 | 20.04 | 509 | 11.375 | 289 | 1.590 | 40.40 | 0.890 | 22.60 |
| | | 285.69 | 192 | 20.350 | 517 | 11.455 | 291 | 1.750 | 44.40 | 0.960 | 24.40 |
| | | 21 x 6 1/2 | 533.4 x 165.1 | 65.50 | 44 | 20.660 | 525 | 6.500 | 165 | 0.450 | 11.40 |
| 74.40 | 50 | | | 20.830 | 529 | 6.530 | 166 | 0.540 | 13.60 | 0.380 | 9.70 |
| 84.80 | 57 | | | 21.060 | 535 | 6.560 | 166 | 0.650 | 16.50 | 0.410 | 10.30 |
| 21 x 8 1/4 | 533.4 x 209.5 | 92.30 | 62 | 20.990 | 533 | 8.240 | 209 | 0.620 | 15.60 | 0.400 | 10.20 |
| | | 101.20 | 68 | 21.130 | 537 | 8.270 | 210 | 0.690 | 17.40 | 0.430 | 10.90 |
| | | 108.60 | 73 | 21.240 | 539 | 8.295 | 211 | 0.740 | 18.80 | 0.455 | 11.60 |
| | | 123.50 | 83 | 21.430 | 544 | 8.355 | 212 | 0.835 | 21.20 | 0.515 | 13.10 |
| | | 138.40 | 93 | 21.620 | 549 | 8.420 | 214 | 0.930 | 23.60 | 0.580 | 14.70 |

| Nominal | | Peso | | Peralte | | Patín | | | | Alma | |
|----------------------|----------------|--------|--------|---------|-----|------------|-----|--------------|-------|--------------|-------|
| | | | | d | | Ancho (bf) | | Espesor (tf) | | Espesor (tw) | |
| pulgadas (d x bf) | mm (d x bf) | kg/m | lb/pie | in | mm | in | mm | in | mm | in | mm |
| 21 x 12 1/4 | 533.4 x 311.15 | 15.03 | 101 | 21.360 | 543 | 12.290 | 312 | 0.800 | 20.30 | 0.500 | 12.70 |
| | | 165.20 | 111 | 21.510 | 546 | 12.340 | 313 | 0.880 | 22.20 | 0.550 | 14 |
| | | 181.50 | 122 | 21.680 | 551 | 12.390 | 315 | 0.960 | 24.40 | 0.600 | 15.20 |
| 21 x 12 1/2 | 533.4 x 317.5 | 218 | 147 | 22.060 | 560 | 12.510 | 318 | 1.150 | 29.20 | 0.720 | 18.30 |
| 24 x 7 | 609.6 x 177.8 | 81.80 | 55 | 23.570 | 599 | 7.010 | 178 | 0.510 | 12.80 | 0.400 | 10 |
| | | 92.30 | 62 | 23.740 | 603 | 7.040 | 179 | 0.590 | 15 | 0.430 | 10.90 |
| 24 x 9 | 609.6 x 228.6 | 101.20 | 68 | 23.730 | 603 | 8.970 | 228 | 0.590 | 14.90 | 0.420 | 10.50 |
| | | 113.10 | 76 | 23.930 | 608 | 8.990 | 228 | 0.680 | 17.30 | 0.440 | 11.20 |
| | | 125 | 84 | 24.100 | 612 | 9.020 | 229 | 0.770 | 19.60 | 0.470 | 11.90 |
| | | 139.90 | 94 | 24.310 | 617 | 9.070 | 230 | 0.880 | 22.20 | 0.520 | 13.10 |
| | | 153.30 | 103 | 24.530 | 623 | 9 | 229 | 0.980 | 24.90 | 0.550 | 14 |
| 24 x 12 3/4 | 609.6 x 323.8 | 154.80 | 104 | 24.060 | 611 | 12.750 | 324 | 0.750 | 19.1 | 0.500 | 12.70 |
| | | 174.10 | 117 | 24.260 | 616 | 12.800 | 325 | 0.850 | 21.60 | 0.550 | 14.00 |
| | | 194.90 | 131 | 24.480 | 622 | 12.860 | 327 | 0.960 | 24.40 | 0.610 | 15.40 |
| | | 217.20 | 146 | 24.740 | 628 | 12.900 | 328 | 1.090 | 27.70 | 0.650 | 16.50 |
| | | 241.10 | 162 | 25 | 635 | 12.960 | 329 | 1.220 | 31 | 0.710 | 17.90 |
| 27 x 10 | 685.8 x 254 | 125 | 84 | 26.710 | 678 | 9.960 | 253 | 0.640 | 16.30 | 0.460 | 11.70 |
| | | 139.90 | 94 | 26.920 | 684 | 9.990 | 254 | 0.750 | 18.90 | 0.490 | 12.40 |
| | | 151.80 | 102 | 27.090 | 688 | 10.020 | 254 | 0.830 | 21.10 | 0.520 | 13.10 |
| | | 169.60 | 114 | 27.290 | 693 | 10.070 | 256 | 0.930 | 23.60 | 0.570 | 14.50 |
| | | 191.95 | 129 | 27.630 | 702 | 10.010 | 254 | 1.100 | 27.90 | 0.610 | 15.50 |
| 27 x 14 | 685.8 x 355.6 | 217 | 146 | 27.380 | 695 | 13.965 | 355 | 0.975 | 24.80 | 0.605 | 15.40 |
| | | 239.70 | 161 | 27.590 | 701 | 14.020 | 356 | 1.080 | 27.40 | 0.660 | 16.80 |
| | | 288.67 | 194 | 28.110 | 714 | 14.035 | 356 | 1.340 | 34 | 0.750 | 19 |
| | | 323 | 217 | 28.430 | 722 | 14.115 | 359 | 1.500 | 38.10 | 0.830 | 21.10 |
| | | 350 | 235 | 28.660 | 728 | 14.190 | 360 | 1.610 | 40.90 | 0.910 | 23.10 |
| | | 384 | 258 | 28.980 | 736 | 14.270 | 362 | 1.770 | 45 | 0.980 | 24.90 |
| 30 x 10 1/2 | 762 x 266.7 | 133.90 | 90 | 29.530 | 750 | 10.400 | 264 | 0.610 | 15.50 | 0.470 | 11.90 |
| | | 147.30 | 99 | 29.650 | 753 | 10.450 | 265 | 0.670 | 17.00 | 0.520 | 13.20 |
| | | 160.70 | 108 | 29.830 | 758 | 10.480 | 266 | 0.760 | 19.30 | 0.550 | 13.80 |
| | | 172.60 | 116 | 30.010 | 762 | 10.500 | 267 | 0.850 | 21.60 | 0.570 | 14.40 |
| | | 196.40 | 132 | 30.310 | 770 | 10.540 | 268 | 1 | 25.40 | 0.610 | 15.60 |
| 30 x 15 | 762 x 381 | 257.50 | 173 | 30.440 | 773 | 14.985 | 381 | 1.065 | 27.10 | 0.655 | 16.60 |
| | | 313.96 | 211 | 30.940 | 786 | 15.105 | 384 | 1.315 | 33.40 | 0.775 | 19.70 |