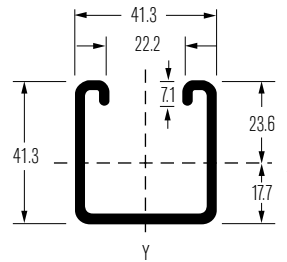
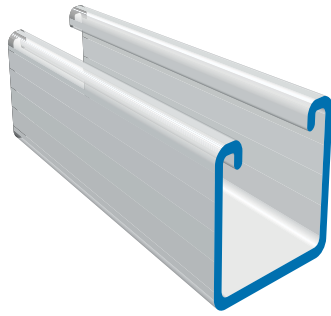


# UNISTRUT®

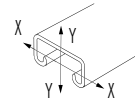
## P1000®

P1000®

PL/GB/HG/TG/SS



Mass: 2.59kg/m



|       |   |                                       |
|-------|---|---------------------------------------|
| A     | - | 330mm <sup>2</sup>                    |
| kg/m  | - | 2.59kg/m                              |
| I x-x | = | 0.069 10 <sup>6</sup> mm <sup>4</sup> |
| Z x-x | = | 2.920 10 <sup>3</sup> mm <sup>3</sup> |
| r x-x | = | 14.5mm                                |
| I y-y | = | 0.092 10 <sup>6</sup> mm <sup>4</sup> |
| Z y-y | = | 4.451 10 <sup>3</sup> mm <sup>3</sup> |
| r y-y | = | 16.7mm                                |

| L(mm) | Fmax(kN) | f | fmax(mm) | F(kN) |
|-------|----------|---|----------|-------|
| 250   | 14.83    |   | 0.22     | 45.51 |
| 500   | 7.42     |   | 0.87     | 36.84 |
| 750   | 4.94     |   | 1.97     | 28.22 |
| 1000  | 3.71     |   | 3.50     | 21.44 |
| 1250  | 2.97     |   | 5.46     | 16.42 |
| 1500  | 2.47     |   | 7.87     | 13.20 |
| 1750  | 2.12 (2) |   | 10.71    | 11.00 |
| 2000  | 1.85 (2) |   | 13.99    | 9.35  |
| 2250  | 1.65 (2) |   | 17.70    | 8.05  |
| 2500  | 1.48 (2) |   | 21.85    | 7.01  |
| 2750  | 1.35 (2) |   | 26.44    | 6.14  |
| 3000  | 1.24 (2) |   | 31.47    | -     |

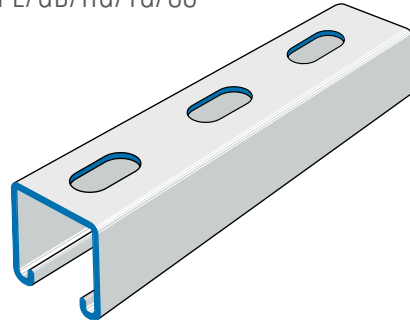
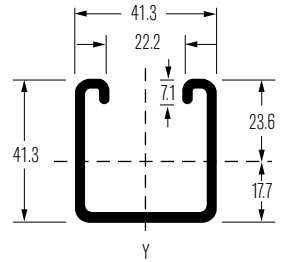
| Part No.  | Material Thickness | Length |
|-----------|--------------------|--------|
| P1000-PL  | 2.5mm              | 6m     |
| P10003-PL | 2.5mm              | 3m     |
| P1000-GB  | 2.5mm              | 6m     |
| P10003-GB | 2.5mm              | 3m     |
| P1000-HG  | 2.5mm              | 6m     |
| P10003-HG | 2.5mm              | 3m     |

Standard Length: 6m

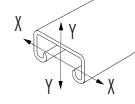
(2) See Note 2 Page 9

P1000T

PL/GB/HG/TG/SS

Slots 14 wide x 28 long  
at 50mm centres (approx.)

Mass: 2.32kg/m



|       |   |                                       |
|-------|---|---------------------------------------|
| A     | - | 295mm <sup>2</sup>                    |
| kg/m  | - | 2.32kg/m                              |
| I x-x | = | 0.059 10 <sup>6</sup> mm <sup>4</sup> |
| Z x-x | = | 2.698 10 <sup>3</sup> mm <sup>3</sup> |
| r x-x | = | 14.1mm                                |
| I y-y | = | 0.091 10 <sup>6</sup> mm <sup>4</sup> |
| Z y-y | = | 4.423 10 <sup>3</sup> mm <sup>3</sup> |
| r y-y | = | 17.6mm                                |

| L(mm) | Fmax(kN) | f | fmax(mm) | F(kN) |
|-------|----------|---|----------|-------|
| 250   | 13.35    |   | 0.20     | 40.96 |
| 500   | 6.68     |   | 0.78     | 33.16 |
| 750   | 4.49     |   | 1.77     | 25.40 |
| 1000  | 3.34     |   | 3.15     | 19.30 |
| 1250  | 2.67     |   | 4.91     | 14.78 |
| 1500  | 2.22     |   | 7.08     | 11.88 |
| 1750  | 1.91 (2) |   | 9.64     | 9.90  |
| 2000  | 1.66 (2) |   | 12.59    | 8.41  |
| 2250  | 1.48 (2) |   | 15.93    | 7.24  |
| 2500  | 1.33 (2) |   | 19.66    | 6.31  |
| 2750  | 1.21 (2) |   | 23.80    | 5.53  |
| 3000  | 1.12 (2) |   | 28.32    | -     |

| Part No.   | Material Thickness | Length |
|------------|--------------------|--------|
| P1000T-PL  | 2.5mm              | 6m     |
| P10003T-PL | 2.5mm              | 6m     |
| P1000T-GB  | 2.5mm              | 6m     |
| P10003T-GB | 2.5mm              | 3m     |
| P1000T-HG  | 2.5mm              | 6m     |
| P10003T-HG | 2.5mm              | 3m     |

Standard Length: 6m

(2) See Note 2 Page 9