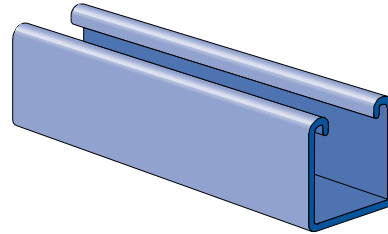
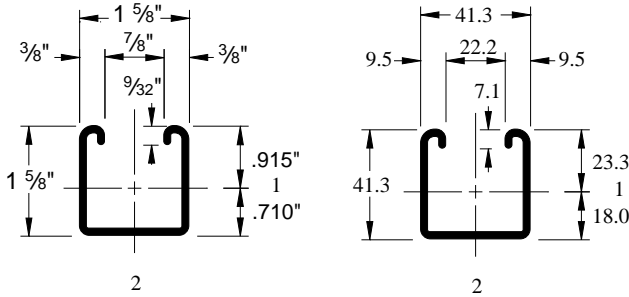




P1000

Wt/100 Ft: 190 Lbs (283 kg/100 m)
 Allowable Moment 5,080 In-Lbs (570 N•m)
 12 Gauge Nominal Thickness .105" (2.7mm)



Channel Finishes:
 PL, GR, HG, PG;
 Standard Lengths:
 10' & 20'

COLUMN LOADING – P1000

| Unbraced Height In | Maximum Allowable Load at Slot Face Lbs | Maximum Column Load Applied at C.G. | | | |
|-----------------------|---|-------------------------------------|-----------------|----------------|----------------|
| | | K = 0.65 Lbs | K = 0.80 Lbs | K = 1.0 Lbs | K = 1.2 Lbs |
| 24 | 3,450 | 10,750 | 9,900 | 8,770 | 7,730 |
| 36 | 3,050 | 8,910 | 7,730 | 6,370 | 5,280 |
| 48 | 2,660 | 7,250 | 5,980 | 4,660 | 3,770 |
| 60 | 2,290 | 5,890 | 4,660 | 3,600 | 2,940 |
| 72 | 2,000 | 4,800 | 3,770 | 2,940 | 2,380 |
| 84 | 1,760 | 4,010 | 3,170 | 2,460 | 1,970 |
| 96 | 1,570 | 3,450 | 2,730 | 2,090 | 1,650 |
| 108 | 1,410 | 3,020 | 2,380 | 1,800 | ** |
| 120 | 1,270 | 2,680 | 2,090 | ** | ** |

BEAM LOADING – P1000

| Span In | Max Allowable Uniform Load Lbs | Defl. at Uniform Load In | Uniform Loading at Deflection | | |
|------------|-----------------------------------|-----------------------------|-------------------------------|-----------------|-----------------|
| | | | Span/180 Lbs | Span/240 Lbs | Span/360 Lbs |
| 24 | 1,690 | 0.06 | 1,690 | 1,690 | 1,690 |
| 36 | 1,130 | 0.13 | 1,130 | 1,130 | 900 |
| 48 | 850 | 0.22 | 850 | 760 | 510 |
| 60 | 680 | 0.35 | 650 | 490 | 320 |
| 72 | 560 | 0.50 | 450 | 340 | 220 |
| 84 | 480 | 0.68 | 330 | 250 | 170 |
| 96 | 420 | 0.89 | 250 | 190 | 130 |
| 108 | 380 | 1.13 | 200 | 150 | 100 |
| 120 | 340 | 1.40 | 160 | 120 | 80 |
| 144 | 280 | 2.01 | 110 | 80 | 60 |
| 168 | 240 | 2.74 | 80 | 60 | 40 |
| 192 | 210 | 3.57 | 60 | 50 | NR |
| 216 | 190 | 4.52 | 50 | 40 | NR |
| 240 | 170 | 5.58 | 40 | NR | NR |

MATERIAL

Unistrut channels are accurately and carefully cold formed to size from low-carbon strip steel. All spot-welded combination members, except P1001T, are welded 3" (76 mm) maximum on center.

STEEL: PLAIN

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5 mm)
 ASTM A1011 GR33

STEEL: PRE-GALVANIZED

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5 mm)
 ASTM A653 GR 33

For other materials, see Special Metals or Fiberglass sections.

FINISHES

All channels are available in:

- Perma Green II (GR)
- Pre-galvanized (PG), conforming to ASTM A653 G90
- Hot-dipped galvanized (HG), conforming to ASTM A123
- Plain (PL)

Project: _____

Approval Stamp:

Architect / Engineer: _____

Date: _____ Phone: _____

Contractor: _____

Address: _____

Notes 1: _____

Notes 2: _____