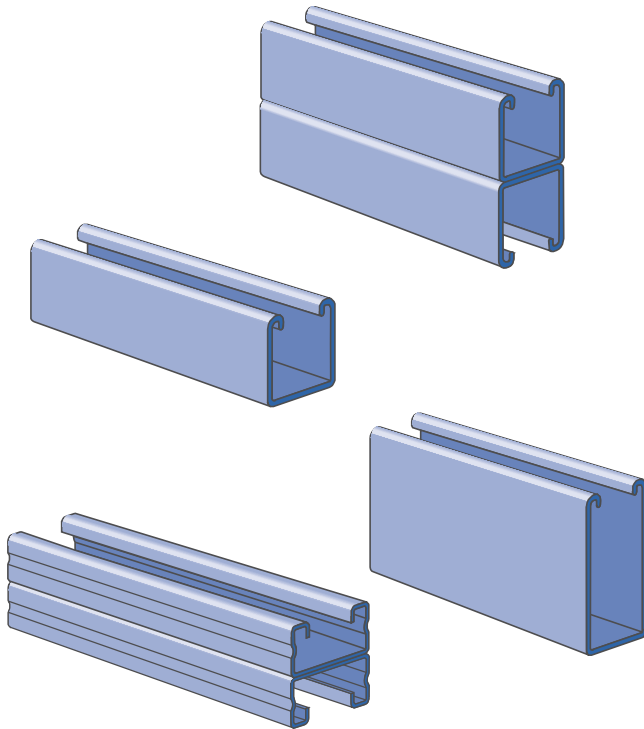


1⁵/₈" CHANNEL



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 SS GR 33

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 III (GR)
- Pre-galvanized (PG), conforming to ASTM A653 G90
- Hot-dipped galvanized (HG), conforming to ASTM A123
- Plain (PL)
- Unistrut Defender™ (DF), conforming to ASTM A1046

Channel Selection Chart	23
P1000 (12 Gauge)	24 - 29
P1100 (14 Gauge)	30 - 32
P2000 (16 Gauge)	33 - 35
P3000 (12 Gauge)	36 - 38
P3300 (12 Gauge)	39 - 41
P4000 (16 Gauge)	42 - 44
P4100 (14 Gauge)	45 - 47
P4400 (12 Gauge)	48 - 50
P4520 (12 Gauge)	51 - 53
P5000 (12 Gauge)	54 - 56
P5500 (12 Gauge)	57 - 59
Closure Strips	60
End Caps and Frame Caps	61
Lateral Bracing Load Reduction Chart & Bearing Loads.....	62

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in millimeters and rounded to one decimal place.

STANDARD LENGTHS

Standard lengths are 10 feet (3.05m) and 20 feet (6.10m). Tolerances are $\pm\frac{1}{8}$ " (3 mm). Special lengths are available for a small cutting charge with a tolerance of $\pm\frac{1}{8}$ " (3 mm).

CURVED CHANNEL

Contact your local Unistrut Service Center or Unistrut Corporation for more information.

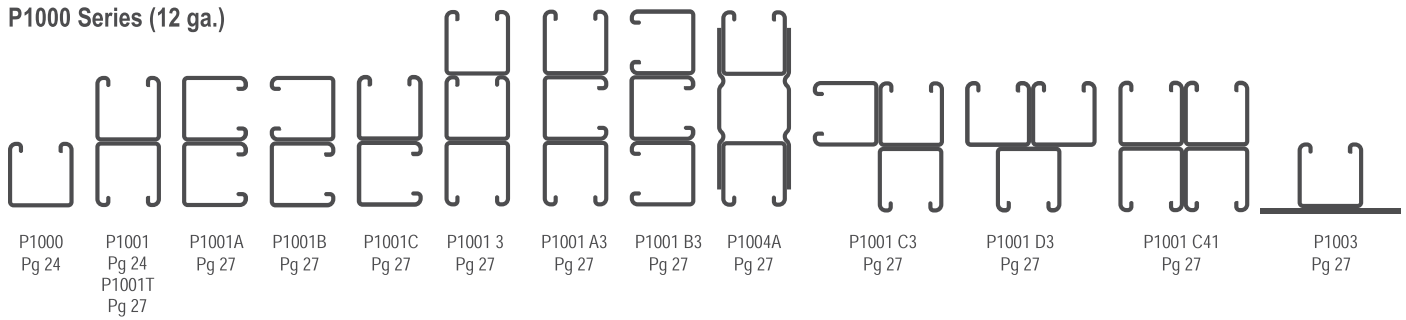
LOAD DATA

All beam and column load data pertains to carbon steel and stainless steel channels. Load tables and charts are constructed to be in accordance with the SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2007 EDITION published by the AMERICAN IRON AND STEEL INSTITUTE USING ASD METHOD. Loads are based on 33 ksi steel cold formed to 42 ksi.

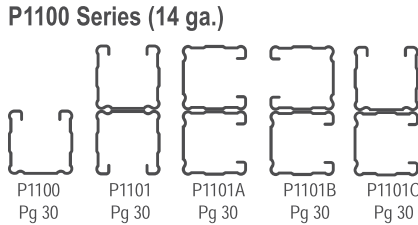
Type of Load	Safety Factor to Yield Strength
Beam Loads	1.67
Column Load	1.80



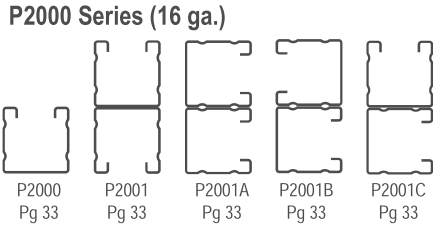
P1000 Series (12 ga.)



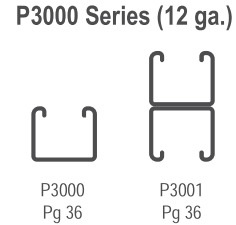
P1100 Series (14 ga.)



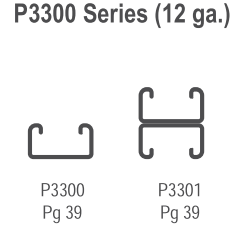
P2000 Series (16 ga.)



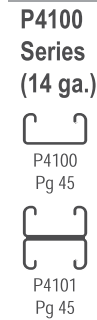
P3000 Series (12 ga.)



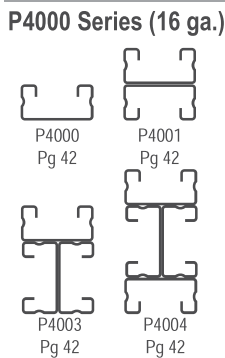
P3300 Series (12 ga.)



P4100 Series (14 ga.)



P4000 Series (16 ga.)



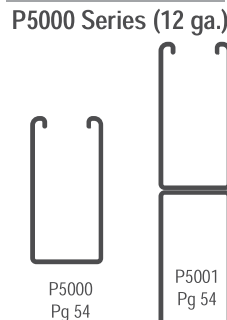
P4400 Series (12 ga.)



P4520 Series (12 ga.)



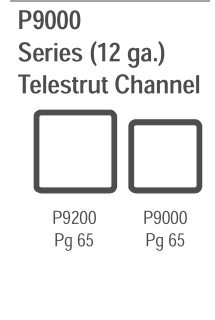
P5000 Series (12 ga.)



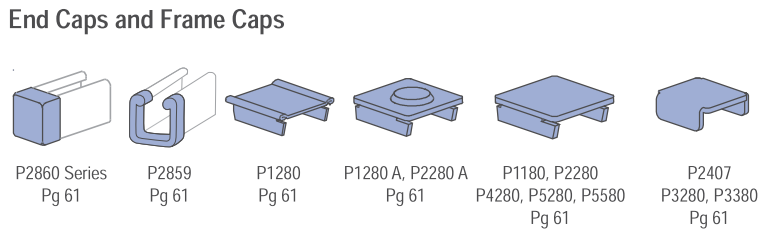
P5500 Series (12 ga.)



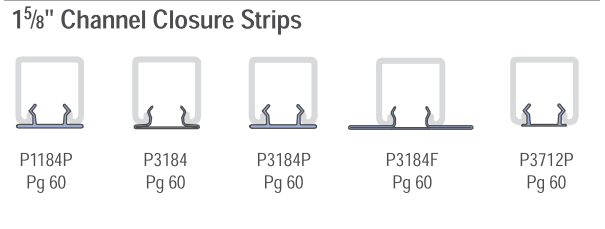
P9000 Series (12 ga.) Telestrut Channel



End Caps and Frame Caps

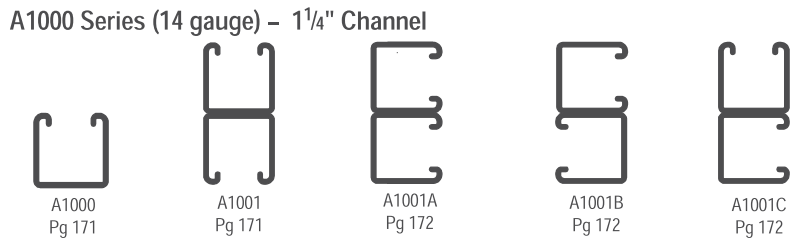


1 5/8" Channel Closure Strips

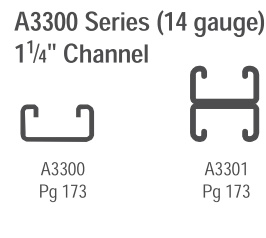


Alternate Framing Systems

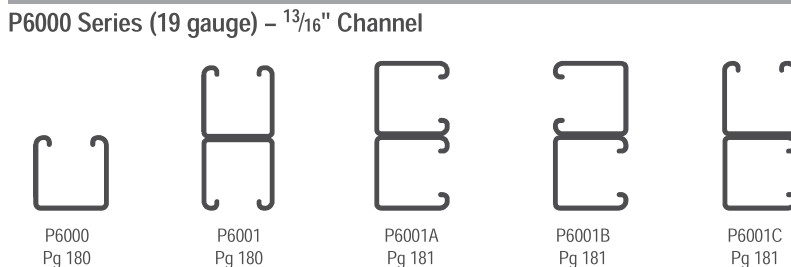
A1000 Series (14 gauge) – 1 1/4" Channel



A3300 Series (14 gauge) 1 1/4" Channel



P6000 Series (19 gauge) – 1 3/16" Channel



P7000 Series (19 gauge) 1 3/16" Channel

