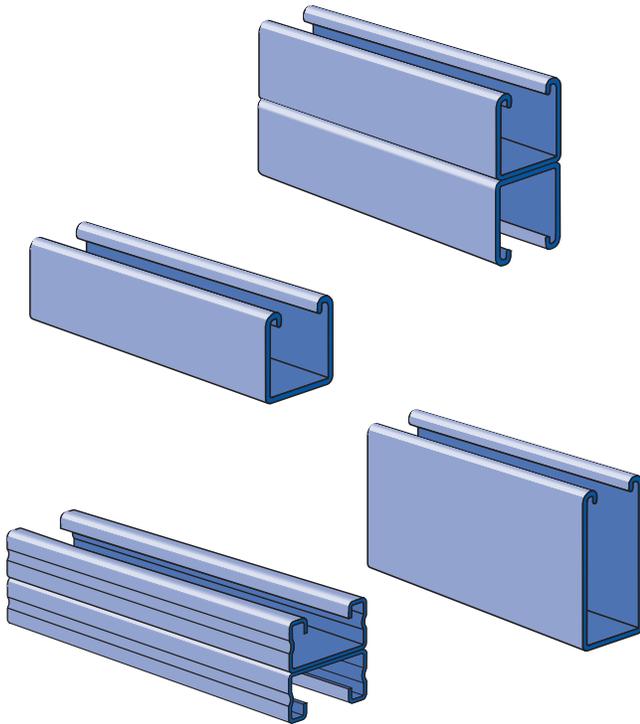


1⁵/₈" CHANNEL



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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. (1.5mm) 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

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 ±1/8" (3 mm). Special lengths are available for a small cutting charge with a tolerance of ±1/8" (3 mm).

CURVED CHANNEL

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

LOAD DATA

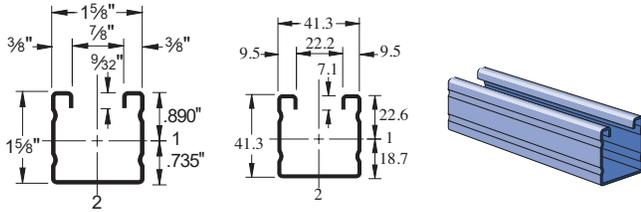
All beam and column load data pertains to carbon steel and stainless steel channels. Load tables and charts are constructed to be in accordance with the SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2007 EDITION published by the AMERICAN IRON AND STEEL INSTITUTE USING ASD METHOD.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

P2000 & P2001 Channels

P2000

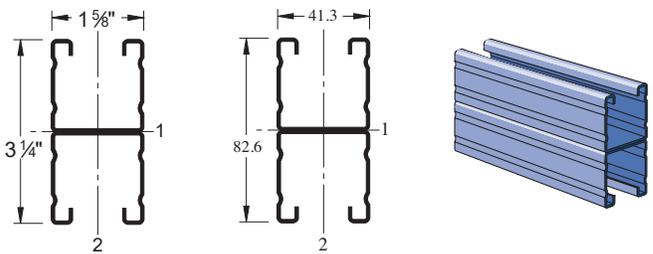
GR PG



W/100 Ft: 116 Lbs (173 kg/100 m)
Allowable Moment 3,520 In-Lbs (400 N•m)
16 Gauge Nominal Thickness .060" (1.5mm)

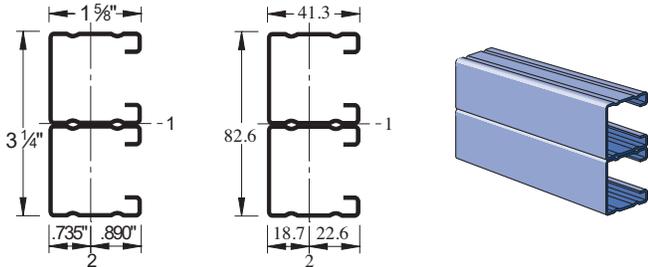
P2001

GR PG



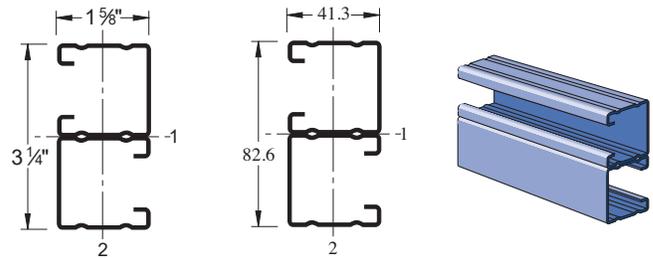
W/100 Ft: 232 Lbs (346 kg/100 m)
Allowable Moment 9,570 In-Lbs (1,080 N•m)
16 Gauge Nominal Thickness .060" (1.5mm)

P2001 A



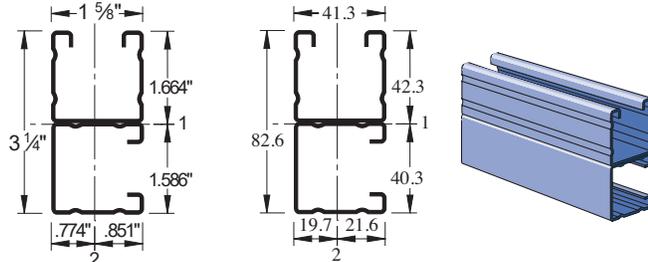
W/100 Ft: 232 Lbs (346 kg/100 m)
Allowable Moment 11,660 In-Lbs (1,320 N•m)
16 Gauge Nominal Thickness .060" (1.5mm)

P2001 B



W/100 Ft: 232 Lbs (346 kg/100 m)
Allowable Moment 11,660 In-Lbs (1,320 N•m)
16 Gauge Nominal Thickness .060" (1.5mm)

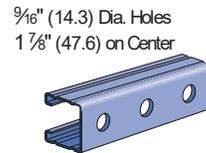
P2001 C



W/100 Ft: 232 Lbs (346 kg/100 m)
Allowable Moment 10,350 In-Lbs (1,170 N•m)
16 Gauge Nominal Thickness .060" (1.5mm)

P2000 HS

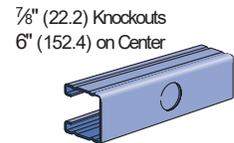
GR PG



W/100 Ft: 113 Lbs (168 kg/100 m)

P2000 KO

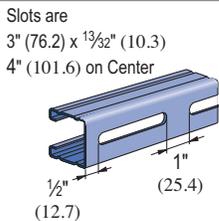
GR PG



W/100 Ft: 117 Lbs (174 kg/100 m)

P2000 SL

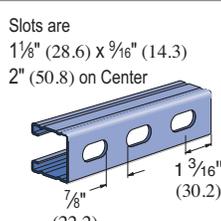
GR PG



W/100 Ft: 113 Lbs (168 kg/100 m)

P2000 T

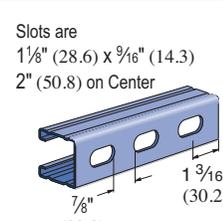
GR PG



W/100 Ft: 113 Lbs (168 kg/100 m)

P2000 WT

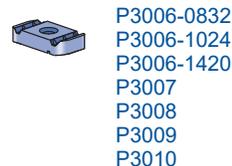
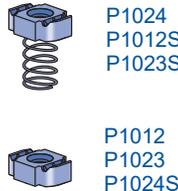
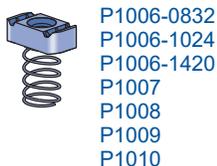
DF GR HG PG PL



W/100 Ft: 113 Lbs (168 kg/100 m)

CHANNEL NUTS (REFER TO PAGES 73,74 FOR DETAILS)

SEE PAGE 73, 74



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