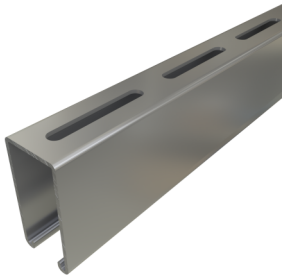

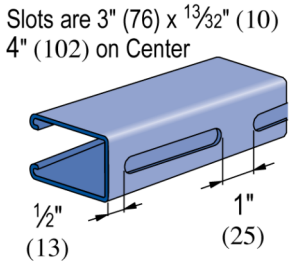

P5000SL - 1-5/8" x 3-1/4", 12 Gauge; SL Slots

12 Gauge Slotted Strut Channel P5000SL has long slots on the back side for use with 3/8" threaded rod and fasteners. These slots can eliminate the need for field drilling and allow adjustability when installing. The slots are 3" long with 1" spacing.

Features

- Product dimensions are 1 5/8" wide x 3 1/4" tall x 12 ga. thick; with long slots.
- The slots are 13/32" wide x 3" long, 4" on center and sized for use with 3/8" threaded rod or fasteners.
- Our P5000SL is available in the following finishes: Pre-Galvanized (PG), Hot-Dip Galvanized (HG), Plain (PL), Green (GR), Zinc Dichromate (ZD) and Stainless Steel (SS).
- Made in the USA

Standard Lengths:
· **10 feet:** 10' or 10' 1/8" (3.05m) ± 1/8" (3 mm)
· **20 feet:** 20' or 20' 3/8" (6.11m) ± 1/8" (3 mm)

Special Lengths:

· Available with a tolerance of ±1/8" (3 mm). Request quote.

Curved Channel:

· Many Unistrut channel sections can be supplied with a curve. Click here for our ordering form, specifications, and instructions.

Load Data:

· All beam and column load data pertains to carbon steel and stainless steel channels.
· Load tables apply only to UNISTRUT brand channel. Look for "UNISTRUT" on the product.
· 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.
· Safety Factor to Yield Strength is 1.67 for Beam Loads and 1.80 for Column Loads.
· Beam loads are based on a simple beam and are given as a total uniform load (W) in pounds. For proper calculation procedures, refer to our Beam Load Calculation Guide under Resources.
· For bearing loads, reference our Bearing Loads Page.

Materials & Finishes - Standard:
· **Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
· **Unistrut Defender (DF):** Conforms to ASTM A1046 SS GR 33
· **Hot Dip Galvanized (HG):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM A123
· **Perma-Green (GR):** Steel conforms to ASTM A1011 SS GR 33, E-Coat finish
· **Perma-Gold (ZD):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM B633, Type II SC3
· **Plain (PL):** Conforms to ASTM A1011 SS GR 33

Materials & Finishes - Special Metals:

· **Stainless Steel, Type 304 (SS):** ASTM A240, Type 304 *
· **Stainless Steel, Type 316 (ST):** ASTM A240, Type 316 *
· **Aluminum (EA):** ASTM B221, Type 6063-T6 (Extruded) *

* These materials have different physical properties and performance characteristics. Please contact us for design support.

P5000SL

Atkore Power-Strut | Atkore Unistrut

Catalog Number	Length (ft)	Gauge	Material Type	Surface Finish	Part Weight (lb/ft)	Standard Package Qty (ft)	Standard Package Weight (lb)
P5000SL 10GR	10	12	Steel	Green E-Coat	3	250	750
P5000SL 10HG	10	12	Steel	Hot-Dip Galvanized	3.05	250	762.5
P5000SL 10PG	10	12	Steel	Pre-Galvanized	3	250	750
P5000SL 10PL	10	12	Steel	Plain/Oil	3	250	750
P5000SL 20GR	20	12	Steel	Green E-Coat	3.07	500	1535
P5000SL 20HG	20	12	Steel	Hot-Dip Galvanized	3.05	500	1525
P5000SL 20PG	20	12	Steel	Pre-Galvanized	3.07	500	1535
P5000SL 20PL	20	12	Steel	Plain/Oil	3.07	500	1535

Elements of Section - P5000		
Area of Section	0.897 in^2 (5.8 cm^2)	
	Axis 1-1	Axis 2-2
Moment of Inertia (I)	1.098 in^4 (45.7 cm^4)	0.433 in^4 (18 cm^4)
Section Modulus (S)	0.627 in^3 (10.3 cm^3)	0.533 in^3 (8.7 cm^3)
Radius of Gyration (r)	1.107 in (2.8 cm)	0.695 in (1.8 cm)