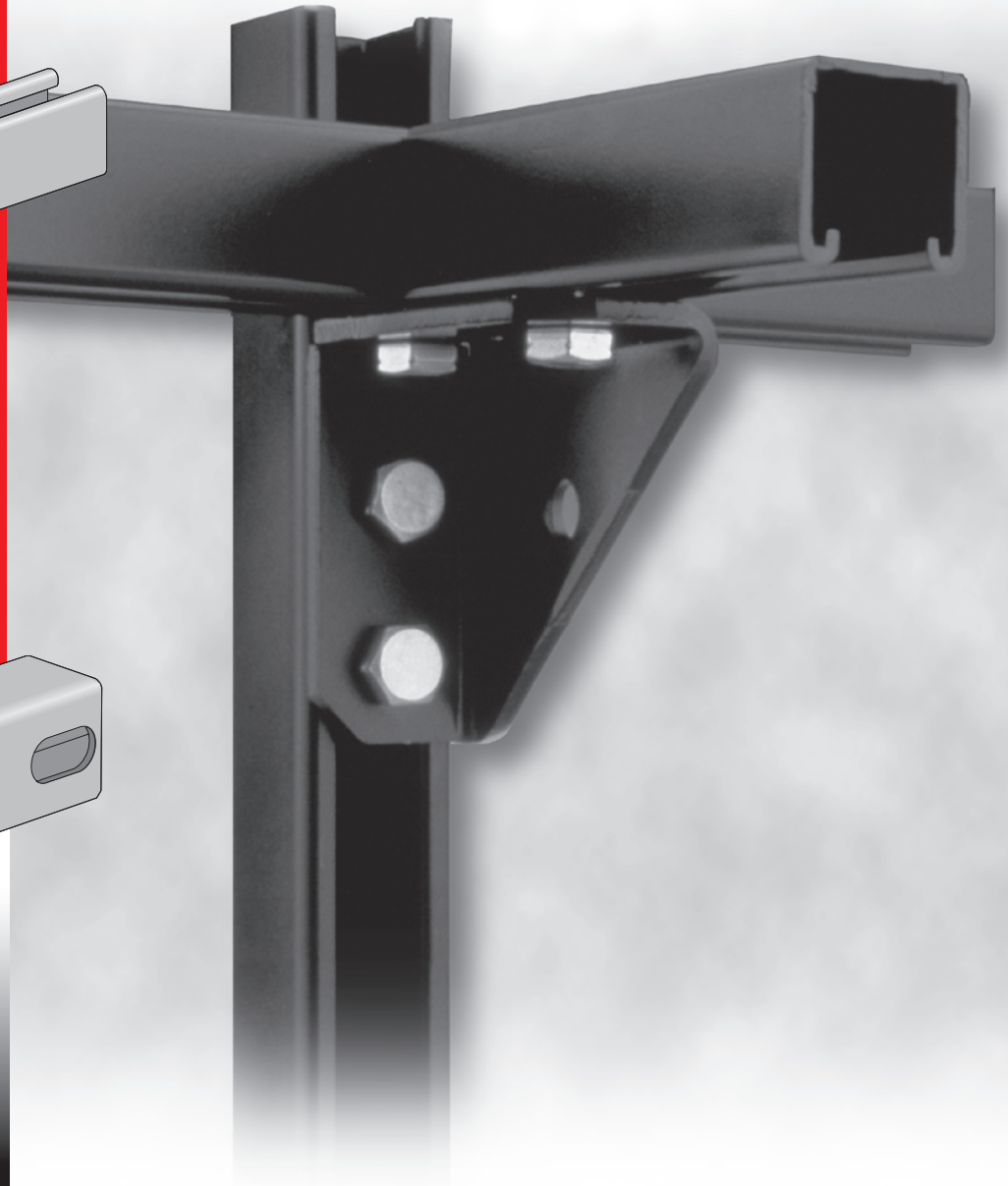
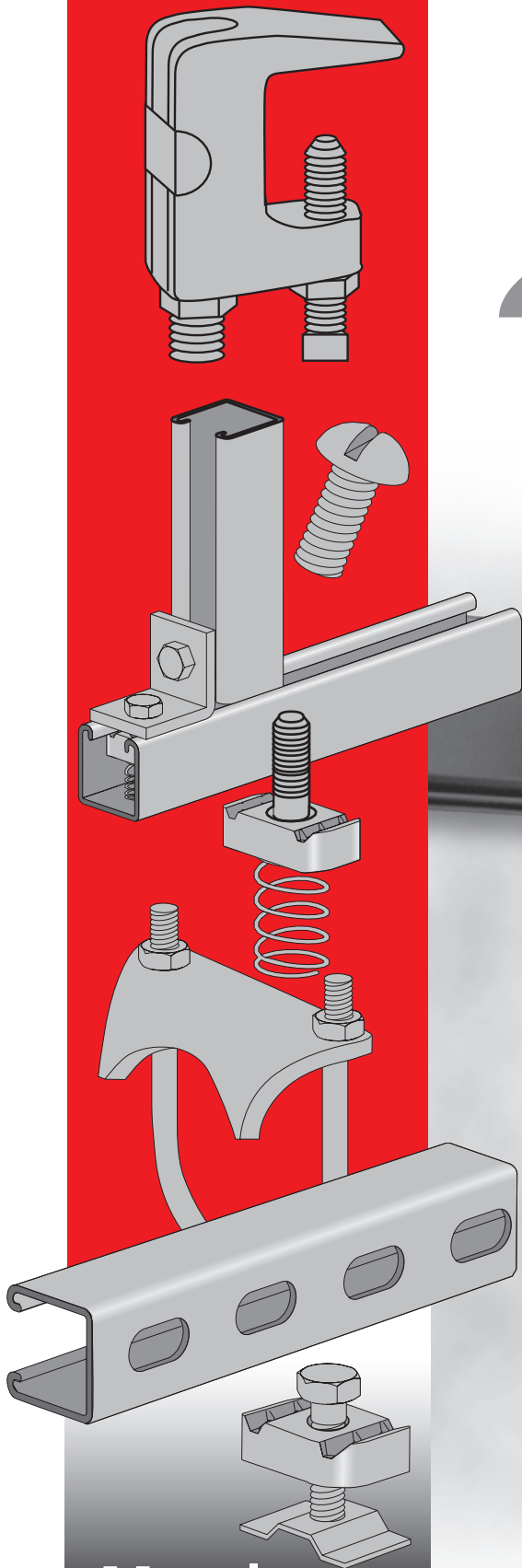




POWER-STRUT®



**Metal
Framing
Support
Solutions**

Let's Talk Strut...

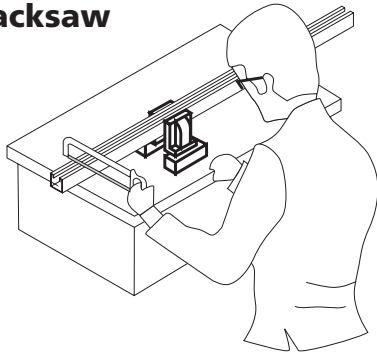
■ EASY TO USE...

A number of methods are used to cut and fit channel. Here are a few pointers that may save you time and money. Please remember to use appropriate safety measures such as eye and hearing protection when cutting and fitting channel.

RECOMMENDED METHODS

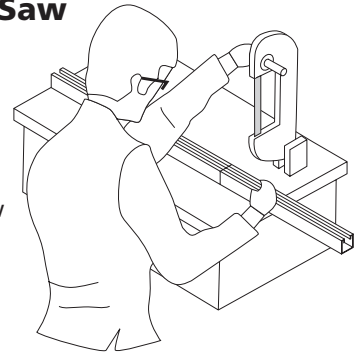
■ Ordinary Hacksaw

Using a hacksaw is a safe and accurate way for cutting any channel to the needed length.



■ Electric Band Saw

A table top electric band saw is a fast and accurate way of cutting channels to size. However, use caution since the saw blade may leave slightly rough or burred edges.



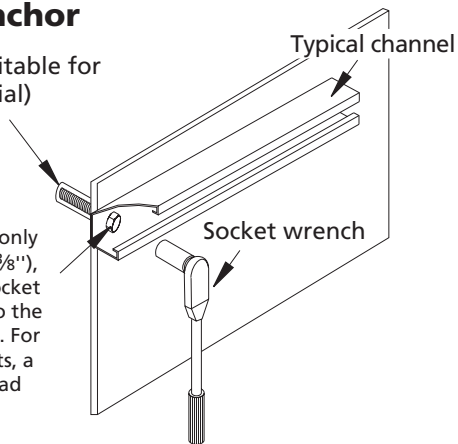
■ Wall Anchor

Anchor (suitable for wall material)

Typical channel

NOTE: For commonly used bolts (e.g., 3/8"), most standard socket heads will fit into the channel opening. For 1/2" or larger bolts, a special socket head must be used.

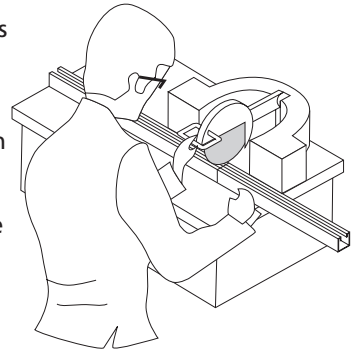
Socket wrench



■ Cut-Off Saw

Low RPM cut -off saws with abrasive blades provide superior cuts.

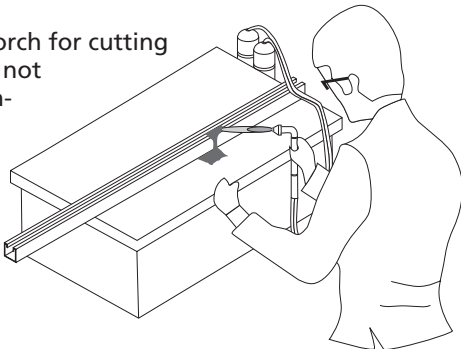
Power table saws with carbon blades are not recommended since the blades cause large burrs and make handling the channel dangerous.



NOT RECOMMENDED

■ Torch - Do not use this method.

Use of a torch for cutting channel is not recommended. This technique is not accurate and can weaken the channel.

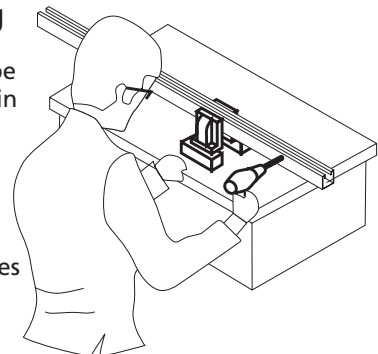


USE CAUTION

■ Hole Drilling

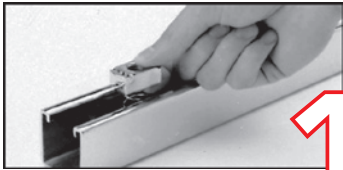
Field drilling may be necessary for certain applications.

Improper drilling (e.g., holes too large, holes too close together, holes near bends) may cause structural weakness.



GENERAL

The Power-Strut Connection Easy as 1-2-3...



1

Insert the clamping nut anywhere along the continuous slot channel. A 90 clockwise turn positions the nut's grooves and teeth with the in-turned channel edges.



2

The Power-Strut fitting provides the connection of channels.

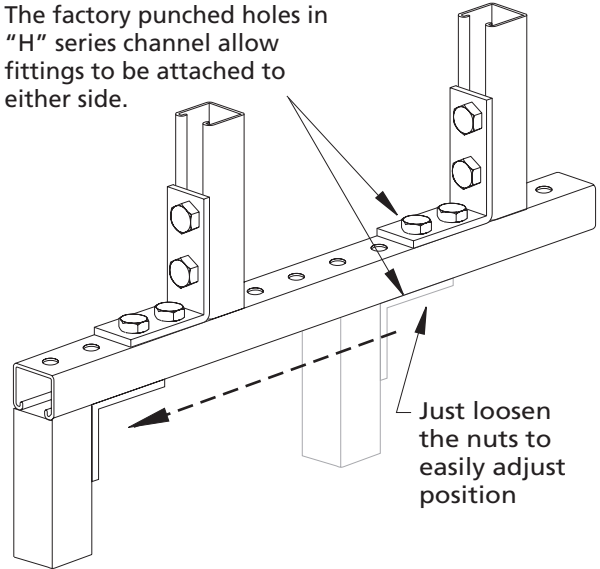


3

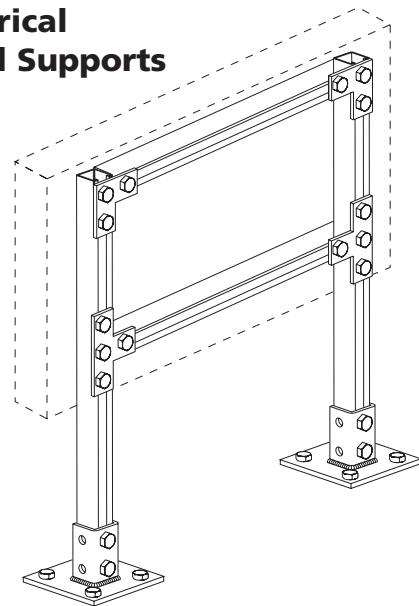
Tighten the bolt(s) to secure the connection.

Standard Channel and Fitting Assembly

The factory punched holes in "H" series channel allow fittings to be attached to either side.

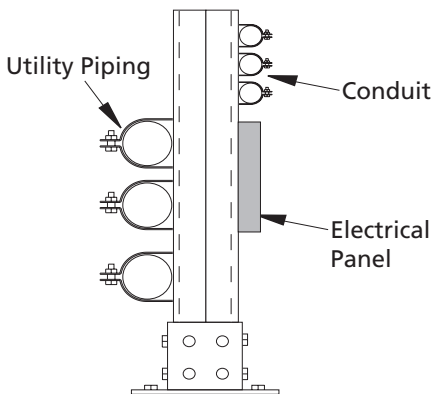


Electrical Panel Supports



Metal framing is ideal for mounting electrical or telecommunication panels. It allows you to create a floor stand, suspend panels from an overhead beam or even attach panels to adjacent structural steel. Bracing may be added for heavier load requirements.

Floor Mounted Stand



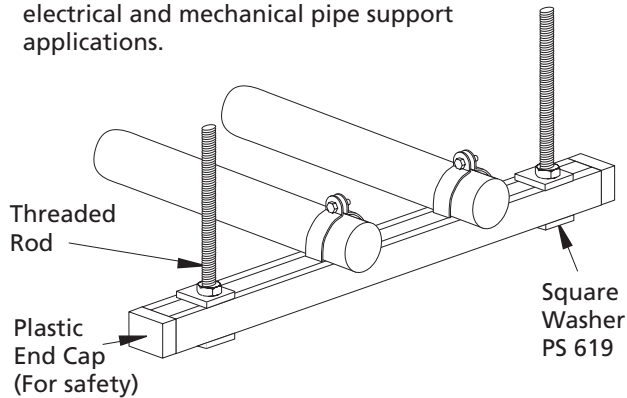
Island stands allow you to mount equipment or piping on both sides in trenches and in service aisles.

■ SUPPORT ■ DURABILITY

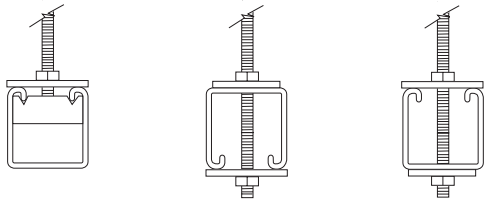
OVERHEAD SUPPORTS

■ Trapeze Support System

Power-Strut metal framing is ideal for electrical and mechanical pipe support applications.

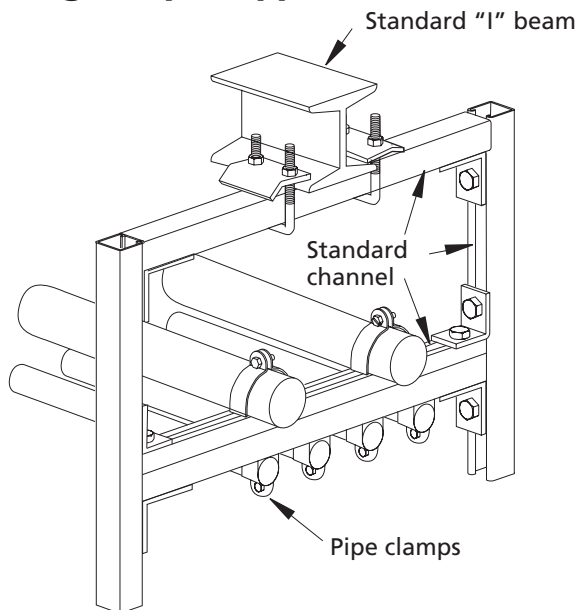


Acceptable Methods to Hang Channels

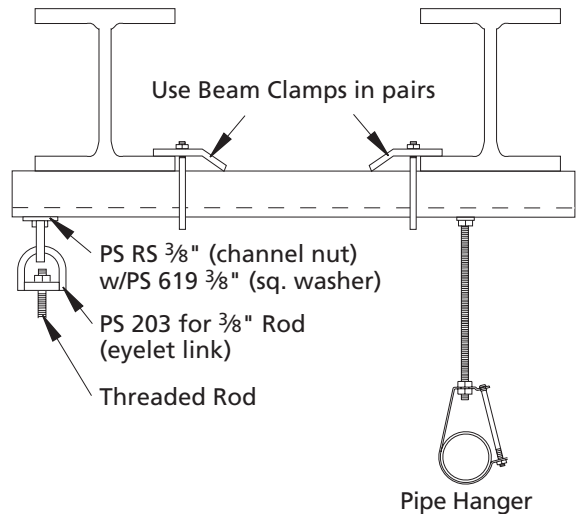


Pre-slotted channel allow through channel connections.

■ Ganged Pipe Support

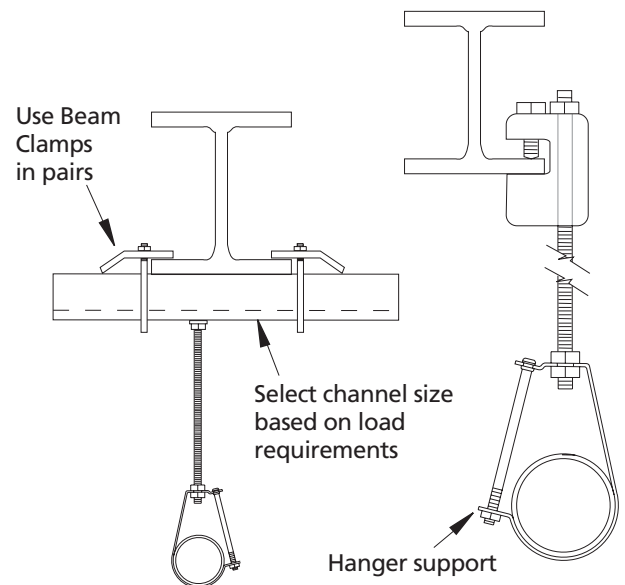


■ Supports for Threaded Rod Attachments Between Beams



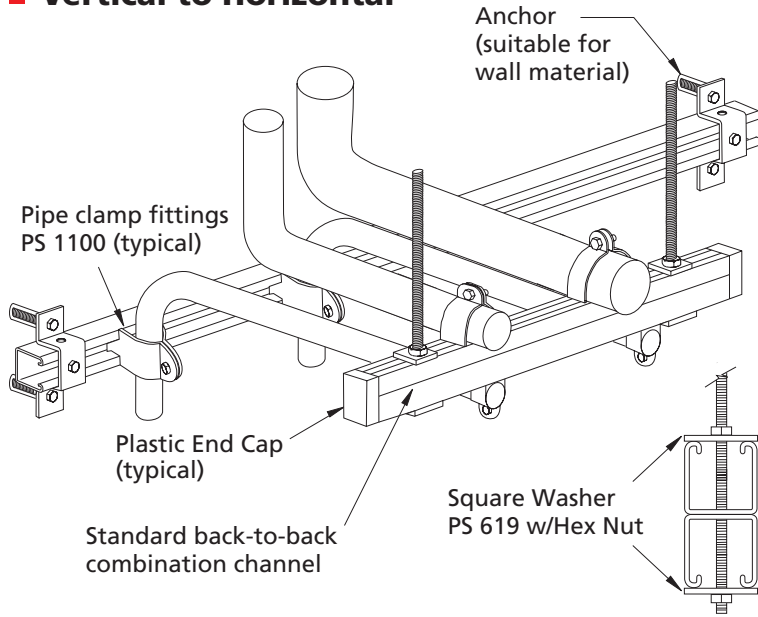
Select channel size based on load requirements.

■ Supports for Threaded Rod Attachments to Single Beams

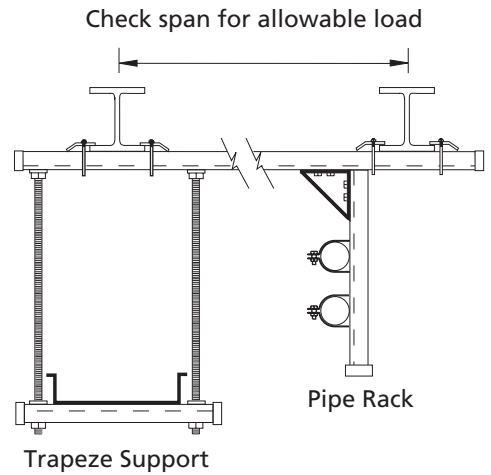


Offering the versatility to meet your needs.

Vertical to Horizontal

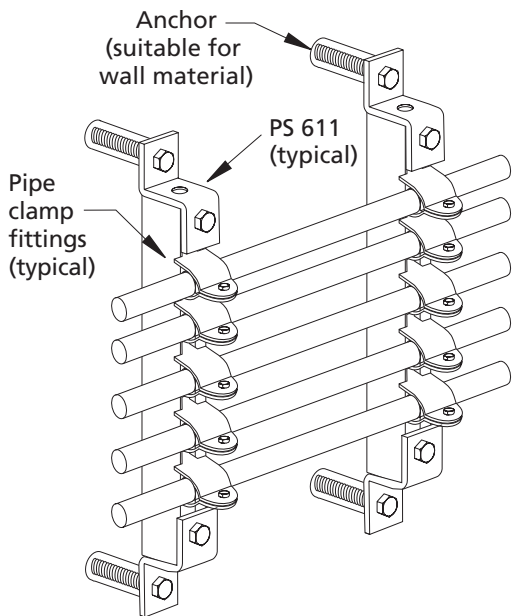


Overhead Multi-Use Support Systems Using Channel Attached to "I" Beams



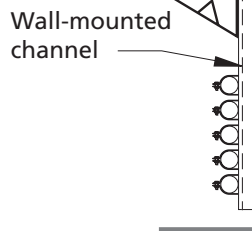
WALL MOUNT

Organize & Control



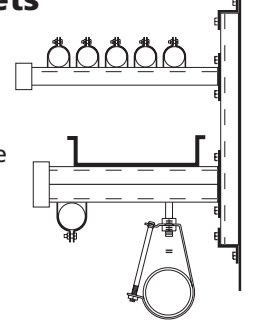
Versatile Power-Strut installation of utility piping means that expansion is just a matter of inserting another pipe clamp!

Multi-Shelf or Utility Support

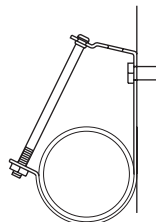


Brackets

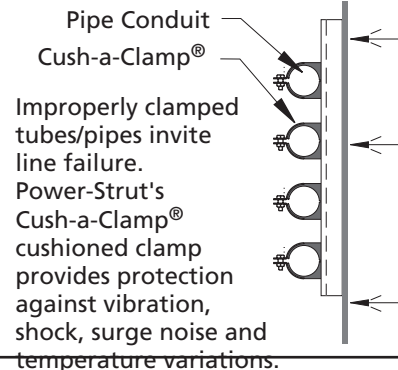
Stock brackets are available in lengths from 6" to 36"



Wall-Mounted Single Lines



Cushioned Clamps

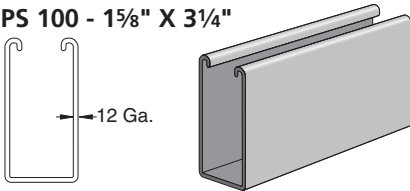


■ VERSATILITY

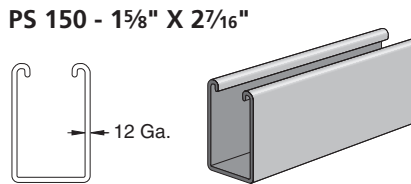
POWER-STRUT channel is made from cold-rolled steel in various depths and gauges shown here to provide a range of strength and design capabilities for your installation requirements. For added flexibility, most "PS" series channel sizes can be ordered in any of the styles shown below.

CHANNEL STYLES

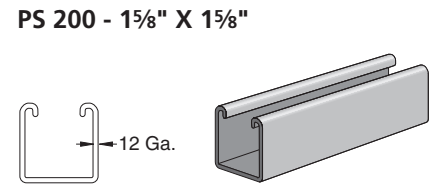
PS 100 - 1 5/8" X 3 1/4"



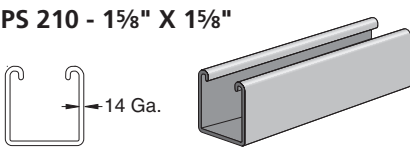
PS 150 - 1 5/8" X 2 7/16"



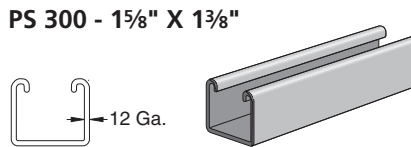
PS 200 - 1 5/8" X 1 5/8"



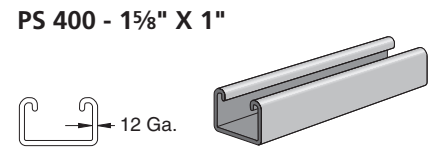
PS 210 - 1 5/8" X 1 5/8"



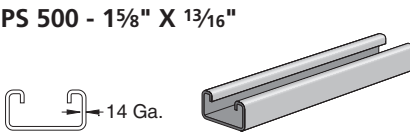
PS 300 - 1 5/8" X 1 3/8"



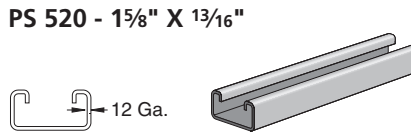
PS 400 - 1 5/8" X 1"



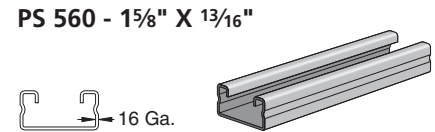
PS 500 - 1 5/8" X 1 3/16"



PS 520 - 1 5/8" X 1 3/16"

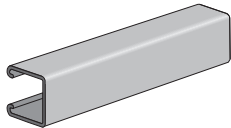


PS 560 - 1 5/8" X 1 3/16"

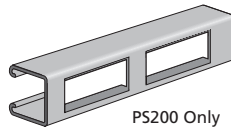


CHANNEL SIZES

STANDARD

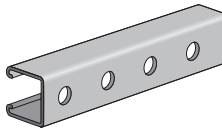


SLOTTED BACK (SB)



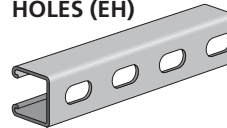
PS200 Only
2 3/4" x 7/8" Slots on
3" Centers

HOLES (H)



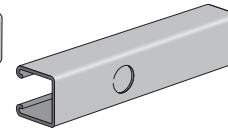
9/16" Holes on
1 7/8" Centers

ELONGATED
HOLES (EH)



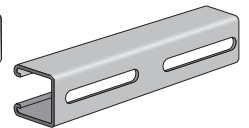
1 1/8" x 9/16" Slots
on 2" Centers

KNOCKOUTS (KO6)



7/8" Knockouts
on 6" Centers

SLOTTED (S)



1 3/32" x 3" Slots
on 4" Centers

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INTERNATIONAL