

PowerBar Mini Strut™

▶▶ Heavy Duty Overhead Bracket



Cost Effective

An economical alternative for trapeze installations. Pre-loaded TouchDown™ clamps save time.

Convenient

Eliminate buying and stocking multiple, size-specific strut clamps and manage jobsite materials more effectively.

Strong

Made from high quality 16-gauge steel and available in two lengths.

Supply

Drainage

Support

www.siouxchief.com

TAKE THE FIELD.



Features & Benefits

Cost Effective

PowerBar Mini Strut™ is an economical alternative to cutting 10-ft. lengths of strut for trapeze installations. Made from high quality, 20-ga. (standard) or 16-ga. (heavy duty) galvanized steel for most common 3/8" threaded rod strut applications, it is ideal for hanging copper, PEX, CPVC, gas and other types of piping. Available with pre-loaded TouchDown clamps that are designed to support a range of tube and pipe sizes.

Standard TouchDown clamps are made from virgin Nylon 6/6 resin providing strength and durability. We also offer optional Plenum Safe™ TouchDown clamps to comply with ASTM E84. All TouchDown clamps are UPC IAPMO listed.

Convenient

Eliminate buying and stocking multiple, size-specific strut clamps and manage jobsite materials more effectively.

Pre-loaded TouchDown clamps support tube and pipe ranging from 1/4" – 1" CTS and 1/8" – 1" Schedule 40 (plastic or steel). The TouchDown clamp's elastomer insert reduces noise and vibration when the top bridge is installed.

The TouchDown II™ (purchased separately) supports tube and pipe up to a 2" diameter, with a clamping range of 1/2" – 2" CTS and 3/8" – 2" Schedule 40 (plastic or steel). PowerBar Mini Strut brackets and TouchDown clamps are made in the USA.

Strong

The original PowerBar Mini Strut has a 70-lb. safe working load when a center load is applied to the top of the bracket. Sioux Chief recommends that when using PowerBar Mini Strut, that the clamps are installed on the top of the bracket.

Due to contractor demand for an even heavier bracket, Sioux Chief now offers the Heavy Duty PowerBar Mini Strut made from a stronger 16-gauge, hot-dipped pre-galvanized steel, available in two lengths. The load rating on the shorter bracket is 250-lbs. while the long bracket has a safe working load of 100-lbs.





“ I have been fortunate to win many other piping jobs because of the secure and neat work that we have been able to do with the use of the PowerBar Mini Strut brackets. We have enjoyed the product and this is the best piping support system that we have ever used. Just the time savings alone (not having to cut other types of strut) is well worth the investment. ”

Arty Rollins
Rollins Plumbing

History

2008

2009

2010

2011

2012

2013

2014

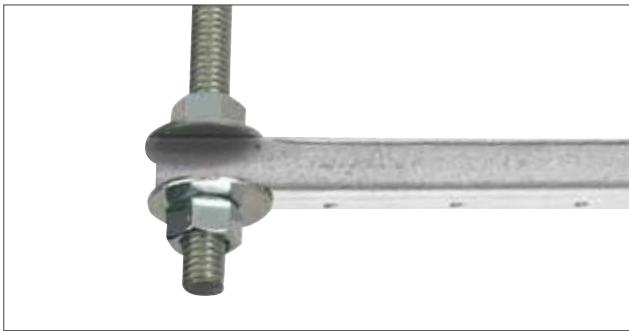
2015

Mechanical contractors are very familiar with the time-consuming process of cutting small 10" to 14" pieces of channel strut for overhead pipe runs. Couple the labor time with having to buy and stock multiple styles and sizes of strut clamps and the costs add up. In 2008, Sioux Chief introduced the PowerBar Mini Strut. The concept developed after recognizing that with a quick tooling change out, we could produce single length brackets with pre-drilled holes to receive 3/8" all-thread rod. Already having equipment to load the ever-popular, multi-sized TouchDown clamp, PowerBar Mini Strut was born.

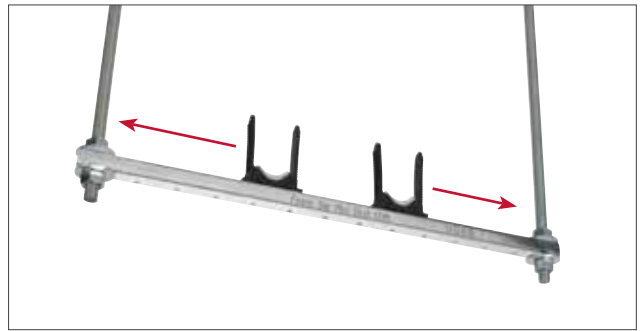


Ideal for stacked piping installations especially when space is limited.

Application & Installation



1. Locate holes and secure bracket to 3/8" threaded rod using washers and 3/8" nuts.



2. Slide TouchDown clamps to desired location within the bracket.



3. Position tube or conduit into clamp base.



4. Ratchet bridge of TouchDown clamps down over both posts evenly. Bow the bridge to prevent lateral movement.

Additional Features & Accessories

Saddle Up™ Clamp

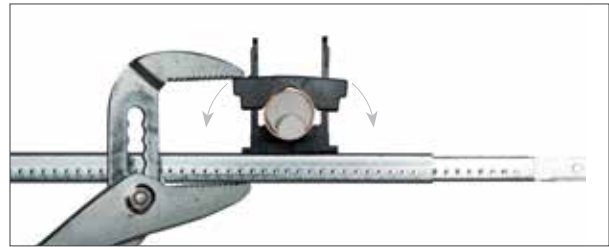
Use our Saddle Up Clamp (sold separately) with stainless steel band on installations where pipe diameters exceed 2".

The Saddle Clamp is made from durable 16-ga. galvanized steel. Insert PowerBar Mini Strut through the Saddle Clamp and pre-thread the self-locking stainless steel band through the clamp as well. Install pipe and tighten band. Sioux Chief has Saddle Clamps pre-packaged with 3" through 5" bands or you can purchase Bulk Saddle Clamps and use larger bands if desired but make sure the installation does not exceed the bracket's load rating.



Bow the Bridge

Cinch the top bridge evenly and bow the bridge for maximum clamp tension to prevent lateral movement and lock the clamp into position on the bracket.



Plenum Safe™ Options

TouchDown clamps are also available in E84 Plenum Safe material that meets the ASTM E84 25/50 flame and smoke spread index as well as the UL-94 V0 flame rating.





» Buying Information

ITEM NO.	DESCRIPTION	U/M	PKG.	MIN. QTY.	CASE QTY.	LIST PRICE
STANDARD POWERBAR MINI STRUT						
523-2MS	Bracket Only, 13-5/8"	EA	B	50	50	\$2.12 EA
523-2MS2	Bracket W/ 2 TouchDown Clamps	EA	B	50	50	\$3.45 EA
523-2MS3	Bracket W/ 3 TouchDown Clamps	EA	B	50	50	\$3.87 EA
523-2MS4	Bracket W/ 4 TouchDown Clamps	EA	B	50	50	\$4.38 EA
HEAVY DUTY POWERBAR MINI STRUT						
523-3MSL	Long Bracket Only, 26"	EA	B	25	25	\$5.15 EA
523-3MSS	Short Bracket Only, 15"	EA	B	25	25	\$2.45 EA
523-3MSS2	Short Bracket W/ 2 TouchDown Clamps	EA	B	25	25	\$4.50 EA
523-3MSS3	Short Bracket W/ 3 TouchDown Clamps	EA	B	25	25	\$4.90 EA
TOUCHDOWN™ CLAMPS						
522-5500	TouchDown Clamp, Bulk	EA	B	100	100	\$0.52 EA
522-5501	TouchDown Clamp, Bagged Set	EA	B	100	100	\$0.90 EA
550-20	TouchDown II, 1/Bag	EA	B	50	50	\$1.87 EA
E84 PLENUM SAFE™ TOUCHDOWN CLAMPS						
523F5500	TouchDown Clamp, Bulk	EA	B	100	100	\$2.03 EA
550F20	TouchDown II, 1/Bag	EA	B	25	25	\$8.27 EA
SADDLE UP™ CLAMP						
523-1	Saddle Clamp Only, Bulk	EA	B	50	50	\$1.20 EA
523-1B	Saddle Clamp W/ 5" Stainless Steel Snap Lock Band	EA	B	5	50	\$3.23 EA
523-1C	Saddle Clamp W/ 4" Stainless Steel Snap Lock Band	EA	B	5	50	\$3.02 EA
523-1D	Saddle Clamp W/ 3" Stainless Steel Snap Lock Band	EA	B	5	50	\$2.80 EA



PACKAGING: Max Load Ratings (when load is applied to center of bracket):
B = Bulk 523-2MS (standard bracket) 70-lbs.
 523-3MSL (long bracket) 100-lbs.
 523-3MSS (short bracket) 250-lbs.
 Either bracket with inverted TouchDown clamps (hanging upside-down): 70-lbs.

Sioux Chief

»» Manufacturing Since 1957

More than 50 years ago, Sioux Chief started manufacturing rough plumbing products. Today, we still do — right in the heart of America. Many of you knew us when we started out. Some of you came to know us as we grew. Along the way, we made a name for ourselves with quality products, innovative ideas and dependable service. Since our start, Sioux Chief has changed a great deal. However, we are also very much the same. We make high quality rough plumbing products and systems that help plumbing contractors grow their businesses. We innovate. We manufacture in America. And we could not do it without you.

Thank you for your business. We promise to continue to work hard to support you. Together, we will take the field.



TAKE THE FIELD.

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