# UNSTRUT®

### Adjustable Ceiling Grids

### UNISTRUT<sup>®</sup> METAL FRAMING



eiling grids from Unistrut let you build support flexibility into any space. Their inherent adjustability saves time and money on new construction, and makes future change fast and easy. The right support grid from Unistrut offers important advantages, both functional and aesthetic, including:

- ➤ Ceiling support
- $\succ$  Lighting support
- $\succ$  Electrical support, including raceways
- > Load support for HVAC components
- $\succ$  Manufacturing tool support
- ➤ Shelving support
- > Forming decorative environmental elements
- Creating ceiling sight lines

Made from your choice of three easy-to-assemble systems – Unistrut<sup>®</sup> Metal Framing, Telestrut<sup>®</sup> Telescoping Strut, and Telespar<sup>®</sup> Telescopic Tubing – Unistrut's support grids are easy to install. No welding, drilling or special skills are required. That can mean significant savings in time and labor cost.

In addition, Unistrut's wide range of fittings gives you a choice of design options... letting you change the system to fit your needs.

The local Unistrut service centers also offer complete design and installation services... further simplifying your project.

Insert the spring nut anywhere along the continuous slotted channel

B Fittings can be placed anywhere along the channel opening for complete freedom of adjustment, without drilling.

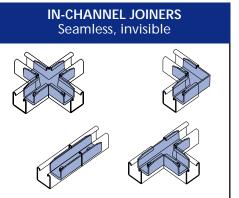
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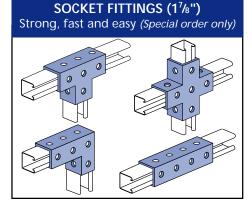


Unistrut Adjustable Ceiling Grids The support you need today, the flexibility you'll want tomorrow.

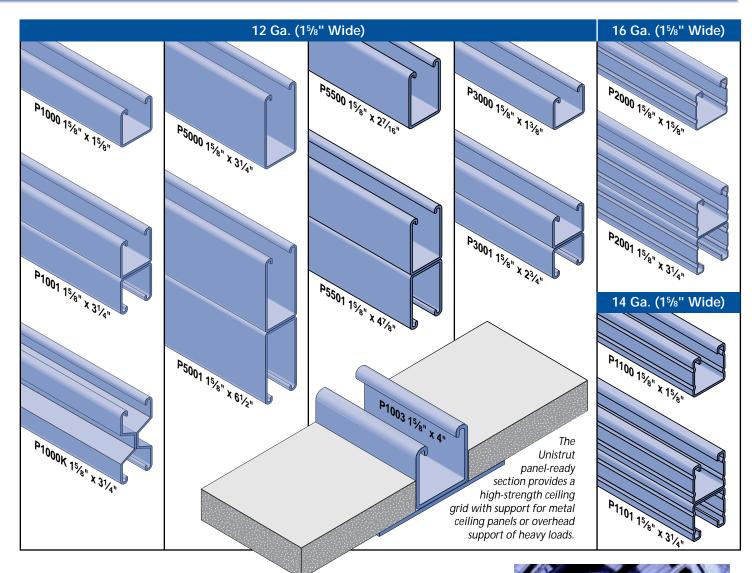
Used extensively in industrial and commercial construction markets for over 60 years, Unistrut Metal Framing has set the standard for product design, quality and performance. The initial Unistrut concept — a simple spring nut and bolt connecting a fitting to a continuous slotted channel — has evolved into a comprehensive engineered grid system.

#### THREE CONNECTION OPTIONS:





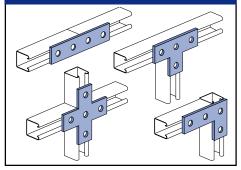
#### There's A World of Support for your adjustable grid



#### **INFINITE POSSIBILITIES**

Unistrut Metal Framing is available in various sizes and styles, numerous combinations and two standard widths: 1<sup>5</sup>/<sub>8</sub>" (42mm) and 1<sup>1</sup>/<sub>4</sub>" (32mm). Hundreds of fittings and accessories let your support grid meet virtually any application requirement.

#### **FLAT-PLATE FITTINGS** Cross, L, T, Splice and many more



#### THE RIGHT CHOICE... FROM START TO FINISH

Independent tests show that Unistrut Metal Framing's exclusive Perma-Green® II acrylic coating stands up to harsh salt spray and U.V. conditions better than competitive products, so your projects look great from the start, and stay that way longer. Unistrut Metal Framing is also available in a choice of other standard finishes, including pre-galvanized, hotdipped galvanized, and plain, as well as various custom finishes.

#### **INFINITELY EASY**

Unistrut offers a variety of compatible clamps, fittings and accessories that provide quick, secure support for conduit, pipe, lighting fixtures, mechanical devices and more.



Attachments to a finished Unistrut Metal Framing grid can be made anywhere along the channel with one hand, using only a simple hand wrench. Forget the welding, drilling and other time-consuming fastening methods required with other materials.

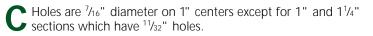
For engineering data, plus information on the full line of Unistrut Metal Framing fittings and accessories, see Unistrut's General Engineering Catalog.

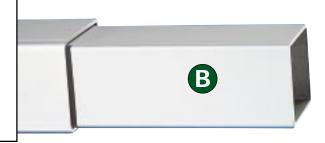
### **TELESPAR**<sup>®</sup> TELESCOPIC TUBING

Telespar Telescopic Tubing's unique manufacturing method permits tubular sections of different sizes to easily telescope in next larger size. Combined with its prepunched hole 1" centers and self-aligning fittings, Telespar tubing offer convenient installation and easy incremental adjustability.

A Unique corner weld produces close tolerances for easy adjustability and design flexibility without costly on-site fabrication.

**B** Sections without holes are also available in sizes from  $1^{"}$  to  $2^{1}/2^{"}$  square.





#### STRONG CHOICE

When you need to suspend heavy tools and equipment, Telespar tubing's square shape and heavy-gauge material provide exceptional load-bearing capability and torsional stability. At the same time, its clean, square design and closely spaced holes make a strong interior design statement.

#### STRONG SELECTION

Telespar standard perforated tubing comes in eight sizes, from 1" to  $2\frac{1}{2}$ " square with holes on all four sides. Hole patterns may be special

ordered on 1, 2, or 3 sides. Sections without holes are also available in sizes from 1 to  $2\frac{1}{2}$ " square.

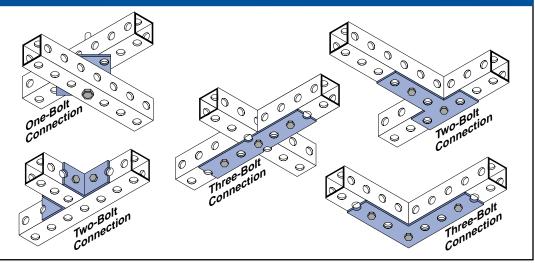
#### STRONG CONNECTIONS

The Telespar system includes a complete line of zinc electroplated fittings, fasteners and accessories for splicing, connecting and extending your ceiling grid. Fittings are self-positioning and lock in place automatically, thanks to "dimples" that match the holes in the Telespar Tubing section. The result is a solid connection with fewer bolts — a time and money-saving advantage on every project.

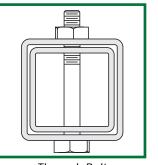
#### STRONG SUPPORT

As with all Unistrut support systems, Telespar Telescopic Tubing comes with the full support of your nearby Unistrut Service Center... one of the strongest reasons of all to choose the Telespar system for your support grid.

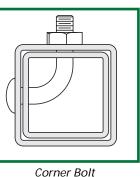
### Self-aligning, dimpled fittings provide quick and easy assembly, for faster, more accurate project completion.



#### **THREE FASTENING OPTIONS:**



Through Bolt





Drive Rivet

Available in 10, 12, and 14 gauge steel, Telespar tubing has been solving industry problems for many years, yielding significant savings in time and labor costs. Finishes include pregalvanized, Perma Green<sup>®</sup>, plain or custom painted.

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### **TELESTRUT**<sup>®</sup> TELESCOPING STRUT

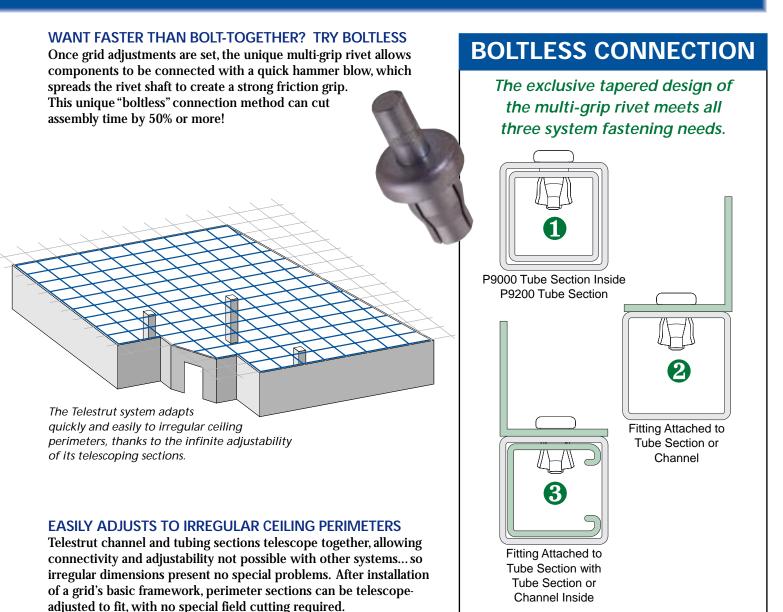
ith Telestrut's special grid support fittings, your project takes shape fast. The Telestrut system offers special socket fittings that make intersecting connections simple and adjustable. This can provide cumulative width or length adjustability with no special cutting of sections needed. That means whatever form your support grid project needs to take, Telestrut can make it happen... quickly and easily.

The Telestrut Telescoping Strut system builds optimum flexibility into your support grid. The %/6" holes on 1%" centers are compatible with standard Unistrut metal framing fittings. By combining channel and prepunched tubing into a single system, Telestrut Telescoping Strut helps you design, build and change support grids faster and easier than you ever thought possible.

**FAST INFINITE ADJUSTMENT** – P1000 series channel into P9200 tubing Simply loosen connection, push bolt down, slide channel to new position and retighten.

- B ACCURATE INCREMENTAL ADJUSTMENT P9000 tubing into P9200 tubing Just remove nut and bolt, realign holes to new position and reconnect.
- COMBINED INCREMENTAL AND INFINITE ADJUSTMENT P1000H3 channel into P9200 tubing
  Using channel with holes as the telescoping member, both incremental and infinite adjustments can be achieved with the same assembly.

#### ...Channel Plus Tubing Means Maximum Flexibility with Minimum Work



For engineering data, plus information on the full line of Telestrut fittings and accessories, see Unistrut's General Engineering Catalog.

**TWO TELESTRUT® CONNECTION OPTIONS** 

FLAT-PLATE FITTINGS – Cross, L, T, Splice and many more

**SOCKET FITTINGS (1<sup>7</sup>/8")** – Strong, fast and easy (Available on special

order only)

#### UNISTRUT Service Centers

Unistrut Service Centers provide design support, installation assistance, local supply... and more.

**Your Unistrut Service** Center is a valuable resource for accomplishing your support grid project ... providing design, fabrication, and installation support, extensive product inventories, and professional project administration.

From your Unistrut sales representative to our technical service people, fabrication experts, installation crews and operations personnel, the Unistrut staff is dedicated to providing you with exactly the right support grid for your needs in the fastest. most cost-effective manner possible.

Build with the leader. **Call your Unistrut** representative today.

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VIRGINIA **Unistrut Roanoke** dba Homestead Mat'ls Handling 3218 Salem Turnpike NW Roanoke, VA 24017 540-344-0911 phone 540-342-2403 fax (See also North Carolina)

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WEST VIRGINIA Unistrut Charleston **Jefferds Corporation** P.O. Box 757, U.S. Route #35 West St. Albans, WV 25177-0757 304-755-8111 phone 304-755-7544 fax

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WYOMING See Colorado, Utah and Washington

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Unistrut Alberta Alberta Tubing & Metal Framing 4829 89th Street Edmonton, AB T6E 5L3 403-465-9645 phone 403-465-0415 fax

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Unistrut Kitchener 100 Sheldon Drive, Unit 33 Cambridge, ON N1S 3C3 519-624-2502 phone 519-624-2503 fax

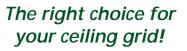
McKeough Sons Co., Ltd. 91 Enterprise Drive North London ON N6N 1A5 519-528-0025 phone 519-528-9921 fax

OUEBEC Routleco, Inc.

877 Montée de Liesse Montreal, QC H4T 1P5 514-341-3181 phone 514-341-3196 fax

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