

Kindorf®

Features

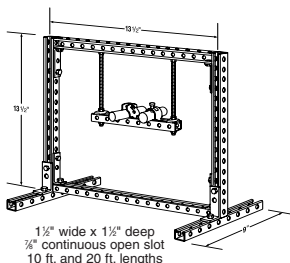
Kindorf® Channel

A

The Kindorf® Channel System is designed so that the maximum number of support and framing applications can be constructed with a minimum amount of labor and pieces.

Uniqueness in Design

The 1½" dimension in the channel, hole spacing and fittings means all parts fit together, no matter where they're used, or at what angle. This modular dimension provides maximum flexibility in field applications, and results in saving inventory and labor dollars. The Kindorf® channel exclusive Galv-Krom® finish provides superior corrosion protection for all threaded components, channel and fittings. Through a two-part process, the coating is applied on all finished parts after fabrication — there is no exposed surface where corrosion can start.



Strength

Even though the Kindorf® channel is slightly smaller in dimensions, it supports the same weight as 1½" channel.

Compatibility with 1½" Strut

The Kindorf® System is designed so that most accessories are compatible with 1½" strut. Conduit and pipe straps will work equally well with 1½" and 1½" strut. In addition, 98% of 1½" accessories are interchangeable with Kindorf® channel. Angle fittings can adapt easily to the open side of any 1½" strut and the unique parallelogram nuts provide secure attachment to both types of strut.

Full Line of Support Products

The Kindorf® channel system's many advantages are extended into a broad product offering including beam clamps, concrete inserts, lighting supports, cable cleats and a variety of threaded components. This system is available in the largest selection of finishes and materials including green coated, aluminum, stainless steel and non-metallic. This combined with a nationwide network of distributors and service centers makes the Kindorf® system a single source for supported metal framing needs.



Thomas & Betts

www.tnb.com

United States

Tel: 901.252.8000

Fax: 901.252.1354

Canada

Tel: 450.347.5318

Fax: 450.347.1976

Technical Services

Tel: 888.862.3289

Why Kindorf® 1½" Channel Saves You Labor Dollars

Kindorf® Channel's 1½" Is Much More than a Cross Section Dimension

The 1½" with Kindorf® channel is truly a Modular Dimension. The channel height, width, and prepunched hole spacings are all 1½". The angle fittings and the bolt holes in the angle fittings are all 1½" dimensions. Scribe marks are located at 1½" intervals to mark the midpoint between holes and every 6" on the side for easy measurement.

Job site adaptability and structural integrity are the key factors in making strut channel an economical solution to metal framing needs. Kindorf® channel, with its 1½" modular dimensions, allows the installer to do more work with fewer pieces and less labor dollars.

Here's What the Modular Dimension Can Do for You

Using a 1½" channel with hole spacings on 1½" centers requires numerous fittings and, in many cases, limits the joint fastening to the open side of the channel. Field drilling and welding, plus the need for extra fittings, become the rule rather than the exception. With constant 1½" dimensions throughout the system, many structural joints can be made with a minimum of fittings. Consider the following:

1. The Entire Section Can Be Used

You are not limited to using only the open slot side because holes line up on channel and fittings. Using the scribe marks ensures the fittings will work and a straight cut is made.

2. Considerable Field Drilling and Welding Eliminated

The holes are already there and they are usable. Back to back; side to back; side to side — all combinations that can be made using B-995 Kindorf® channel.

3. Field Cutting and Layout Made Simple

8 scribe marks = 1 ft. Simply count the marks and cut. Position of holes ensures balanced support for trapezes on every piece, thus keeping waste to an absolute minimum.

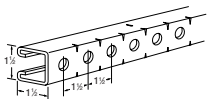
4. Modular Fittings Fasten to Bolt Side or Slot Side — Unique Stud Nut

Kindorf® framing fittings are engineered for versatile use — to meet the greatest number of framing combinations with maximum rigidity and security. Fittings may be fastened to the channel on either the bolt hole side or the slot side.

The matching 1½" dimensions of channel bolt holes and fitting bolt holes provide a fast alignment and quick bolting. Fastening on the slot side provides infinite placement of the nut to match bolting requirements. Either way results in simple "building block" erection and permits multiple application of fittings. With the B-911SN Stud Nut, blind fastening of angles and fixtures is eliminated.

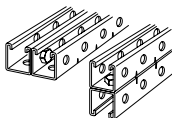
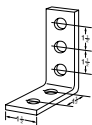
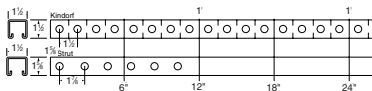
Kindorf® Features

A

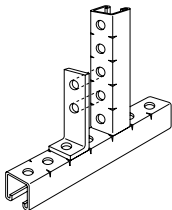


Channel with bolt holes
 $\frac{3}{16}$ " dia. holes on $1\frac{1}{2}$ " centers for $1\frac{1}{2}$ " bolts.

Cuts come where they should

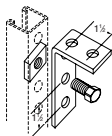


Holes in fittings also line up.

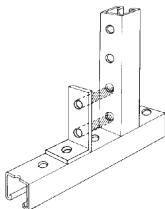


Kindorf® $1\frac{1}{2}$ "
 All holes line up — all the time.

Fastening on bolt hole side

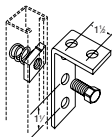


Clamping nut or hex head nut may be used for attachment and security of fittings to either side of channel.

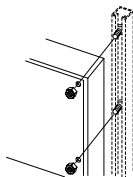


$1\frac{1}{2}$ " Strut
 $\frac{7}{8}$ " holes cause misalignment.

Fastening on slot side



Spring nut holds in position without support. Inserts easily in channel and sets automatically — cannot rotate.



Stud nut saves time, reduces labor —
 like having an extra pair of hands.

Thomas & Betts

www.tnb.com

United States

Tel: 901.252.8000

Fax: 901.252.1354

Canada

Tel: 450.347.5318

Fax: 450.347.1976

Technical Services

Tel: 888.862.3289

Why Kindorf® 1½" Channel Saves You Inventory Dollars

A

Fewer Pieces Do More Work

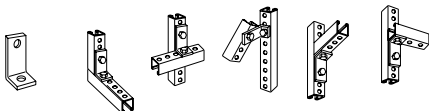
By making equal use of the back of the channel, the sides of the channel (B-995 see page A25) and the open slot, your options are increased. Combine this with three simple fittings that are 1½" wide and have 1½" hole layout, and you have the simplest and most versatile Channel System on the market today.

By stocking a single channel system and only 3 angle fittings, a multitude of jobs can be done.

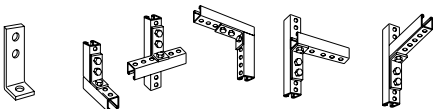
With fewer pieces doing more work, ordering efficiency is increased and investment dollars are decreased.

Any way you look at it — Kindorf® strut can save you money.

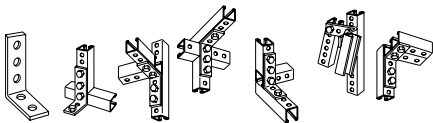
One Kindorf® B-915
Two-Hole Connector Will Do



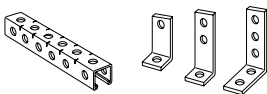
One Kindorf® B-916
Three-Hole Connector Will Do



One Kindorf® B-917
Five-Hole Connector Will Do



By simply stocking B-995 pre-punched channel and three angle fittings, a great number of joints can be made.



Let the modular 1½" dimension work for you in saving labor and inventory dollars.

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Technical Services
Tel: 888.862.3289

Thomas & Betts

www.tnb.com

A5

Channels and Bantam Channels

A

Kindorf® channel is a rugged heavy gage structural quality steel channel preformed in a "U" shape with a continuous open slot the entire length. The turned-in edges serve as retaining points for the nuts and bolts assembly of fittings to the channel. The shape of the channel permits infinite adjustability of the clamping nut ... simply by gliding it along the channel to the desired position. Spring-tensioned nuts are generally used for positioning overhead or in vertical channel installations. A stud nut (with spring) is provided for easy mounting of cabinets and equipment.

Channel Nuts are specially shaped as parallelograms with biting edges so that when tightened, with normal pressure on the bolt, the nut clamps the sides of the channel together in a secure connection which reinforces the rigidity of the channel itself. The nut rests on the "lips" of the channel slot.

Steel Channels

Galv-Krom® Finish

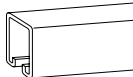
10 ft. and 20 ft. Lengths

Solid Base

B-906
1½" x ¾" x 14 ga.



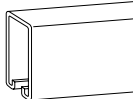
B-901
1½" x 1⅞" x 12 ga.



B-900 (12 ga.)
B-900-M (14 ga.)
1½" x 1½"



B-902
1½" x 3" x 12 ga.



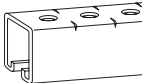
Bolt Hole Base

⅝" Diameter Bolt Holes on 1½" Centers ¾" from End

B-907
1½" x ¾" x 14 ga.



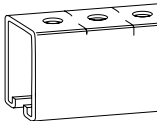
B-909
1½" x 1⅞" x 12 ga.



B-905 (12 ga.)
B-905-M (14 ga.)
1½" x 1½"



B-903
1½" x 3" x 12 ga.

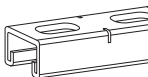


Channels and Bantam Channels

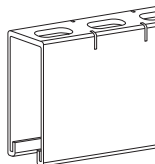
Half Slot Base

$\frac{5}{16}$ " x $\frac{7}{8}$ " Slots on $1\frac{1}{2}$ " Centers $\frac{3}{4}$ " from End

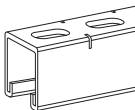
B-907HS
1 $\frac{1}{2}$ " x $\frac{3}{4}$ " x 14 ga.



B-903HS
1 $\frac{1}{2}$ " x 3" x 12 ga.



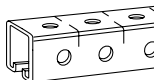
B-905HS (12 ga.)
B-905HS-M (14 ga.)



Bolt Hole Base

Bolt Holes on 3 Sides, $\frac{9}{16}$ " Diameter on $1\frac{1}{2}$ " Centers $\frac{3}{4}$ " from End

B-995 (12 ga.)
B-995-M (14 ga.)
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "



T-Slot Base

B-904
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 12 ga.

