

# Channels, nuts and fittings

## Channel nuts

—  
01



01 Channel nuts Kindorf®  
Channel Nuts are manufactured from mild steel and are case hardened.

### Screw threads

Thread Size	B	J	C	D
Threads per inch	20	18	16	13
Design Torque (ft-lbs)	6	11	19	50

All threaded products are American Standard thread, free fit class 2. Galv-Krom® hardware finish is standard for all Superstrut products. This is a multi-process finish of electro-plated zinc, followed by gold-colored trivalent chromium finish to give excellent corrosion resistance and a superior paint base. Standard Finish – Galv-Krom®, unless otherwise stated.



H 122 3/8 Galv-Krom®  
H 122 3/8 EG SilverGalv®



### Trapnut® strut fastener

Cat. No.	Description	Size (in)	Design load (Lbs)	Std. ctn.
H 122 1/4	1/4" Galv-Krom®	1/4	150	50
H 122 3/8	3/8" Galv-Krom®	3/8	590	50
H 122 1/2	1/2" Galv-Krom®	1/2	1,080	50
H 122 1/4 EG	1/4" SilverGalv®	1/4	150	50
H 122 3/8 EG	3/8" SilverGalv®	3/8	590	50
H 122 1/2 EG	1/2" SilverGalv®	1/2	1,080	50
H 122 1/4 SS6	1/4" Type 316 stainless steel	1/4	150	50
H 122 3/8 SS6	3/8" Type 316 stainless steel	3/8	590	50
H 122 1/2 SS6	1/2" Type 316 stainless steel	1/2	1,080	50

### Design data

Kindorf® self-aligning channel nuts are designed to provide resistance to pull out and resistance to side slip in excess of the full strength of the channels with which they are used. The extreme resistance to side slip results from the unique design of the alternate teeth, spaced and designed to develop a wedging action that increases with pressure or load.

### Load ratings of steel channel and insert nuts

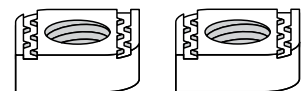
(B-910-1/2 or B-911-1/2) when used in slot of 12 ga. Kindorf® channel and tightened to a torque of 50 ft. Pounds are as follows: Withdrawal resistance to pull out safe-load rating = 1,600 lbs. Slip resistance safe-load rating = 400 lbs. (B-910-1/2 or B-912-1/2) when used in slot of 14 ga. Kindorf channel and tightened to a torque of 50 ft. Pounds are as follows: Withdrawal resistance to pull out safe-load rating = 1,300 lbs. Slip resistance safe-load rating = 400 lbs. Load ratings are based on safety factor of 3.

### BC-910 Universal cone nut

Eliminates the inventory and installation hassles of conventional spring nuts. Fits all 1 5/8" channel, regardless of depth, with a simple twist of your thumb. Pliable nylon cone secures the nut in place through the entire range of construction site temperatures.

### B-910 Series Channel Nuts – Standard Finish: Galv-Krom®

Thread size	Size (in)	Thickness (in)	Weight (lbs/C)
B-910-1/4	1/4 – 20	3/16	7.5
B-910-5/16	5/16 – 18	5/16	7.3
B-910-3/8	3/8 – 16	5/16	9.15
B-910-1/2	1/2 – 13	3/8	9.9



For use with all Kindorf® channels.

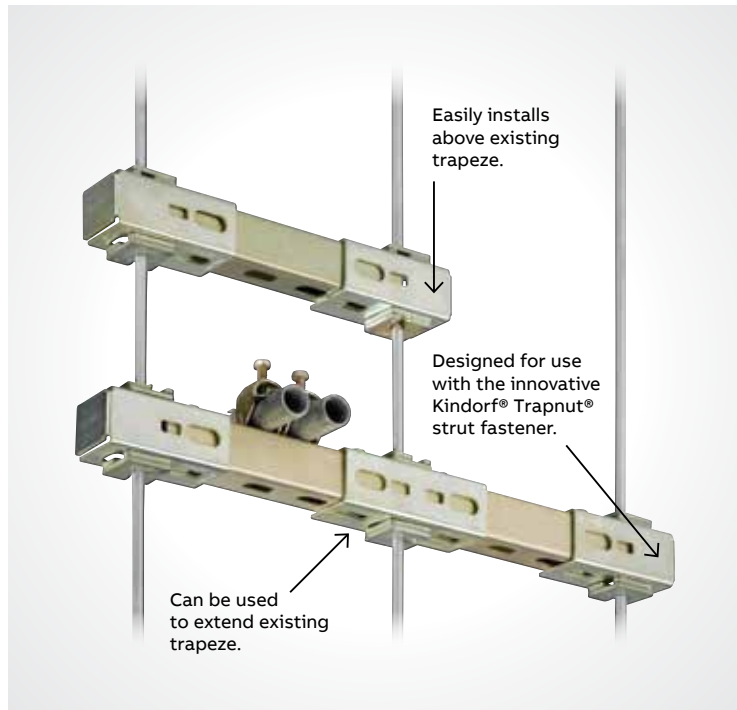
### Load Ratings for B-910 strut nuts

Channel nut sizes (in)	Slip test rating	Pull test rating (in)
1/4	300	500
3/8	750	1000
1/2	1,200	2000

If connections will be subjected to dynamic or seismic loading conditions, contact the factory for design assistance. 1. All ratings have safety factor of 3 applied. 2. Load ratings are for Static Applications.

## Hardware and threaded components

### Trap-Eze™ connector & Trapnut® strut fastener



#### Trap-Eze™ Connector

Cat. No.	Description	Std. Ctn.
<b>For 1½" Kindorf® channels</b>		
B998	Trap-Eze™ End connector gold-galv	20
B999	Trap-Eze™ Mid connector gold-galv	10
B998EG	Trap-Eze™ End connector EG	20
B999EG	Trap-Eze™ Mid connector EG	10
<b>For 1½" strut channels</b>		
AB221	Trap-Eze™ End connector gold-galv	20
AB222	Trap-Eze™ Mid connector gold-galv	10
AB221EG	Trap-Eze™ End connector EG	20
AB222EG	Trap-Eze™ Mid connector EG	10



View window provides strut length safety zone for rough cuts versus precision cuts.



Unique safety slot maintains bracket position on threaded rod and prevents disengagement of the trapeze system.

"Threads" are an integral part of erector systems because nearly everything hangs by or is secured by threaded fasteners. Kindorf® threaded hardware includes continuous rolled-thread hanger rod, and special and standard screws and nuts designed with the necessary holding power to serve the requirements of framing and hanging installations. It is vital that each thread be fully protected against rust and corrosion because they are usually exposed to corrosive atmospheres. Kindorf® threaded hardware and accessories are completely protected by the same Galv-Krom® finish that protects Kindorf® channel and fittings. Kindorf® extra-quality threads are always:

- Easily installs above or to the side of an existing assembly, eliminating the need to disassemble and reassemble the trapeze
- Connectors can be reused upon disassembly of a trapeze
- Designed for either ¾" and ½" threaded rod
- Designed for use with the innovative Kindorf® Trapnut® Strut Fastener, which can take up to 43% less time than standard nuts and washers on retrofit trapeze applications
- View window provides safety zone for strut length

#### Trapnut® Strut fastener

Cat. No.	Description	Size (in)	Design load (lbs)	Std. Ctn.
H-122-1/4	¼" Galv-Krom®	¼"	150	50
H-122-3/8	¾" Galv-Krom®	¾"	590	50
H-122-1/2	½" Galv-Krom®	½"	1,080	50
H-122-1/4-EG	¼" SilverGalv®	¼"	150	50
H-122-3/8-EG	¾" SilverGalv®	¾"	590	50
H-122-1/2-EG	½" SilverGalv®	½"	1,080	50
H-122-1/4-SS6	¼" Type 316 Stainless steel	¼"	150	50
H-122-3/8-SS6	¾" Type 316 Stainless steel	¾"	590	50
H-122-1/2-SS6	½" Type 316 Stainless steel	½"	1,080	50



H 122 3/8 Trapnut® strut fastener Galv-Krom®.



H 122 3/8 EG Trapnut® strut fastener SilverGalv®.