

Threaded Products and Hardware

Channel Nuts

Superstrut® channel nuts are manufactured from Grade 2 mild steel and are case hardened.

Design Data

Superstrut® self aligning channel nuts are designed to provide resistance to pullout 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.

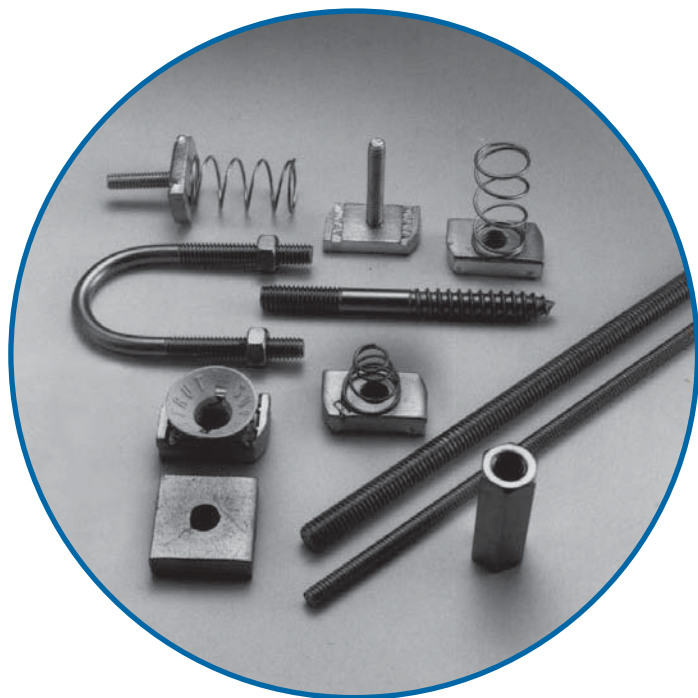
Screw Threads

All threaded products are American Standard thread, free fit class 2.

Thread Size	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1
Threads per inch	20	18	16	13	11	10	9	8
Design Torque (ft.-lb.)	6	11	19	50	100	125	185	275

Finish and special materials

Standard finish for all hardware is Electrogalvanized (EGC) or GoldGalv®. Stainless Steel Type 316 is also available. Contact your Regional Sales Office for availability and minimum quantities.

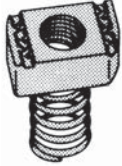


Spring Nut Selector Chart

SPRING NUT	CHANNEL SERIES					
	A - AR	B - BR	C	D	E	H
A100-1/4EGC	■		■			
A100-5/16EGC	■		■			
A100-3/8EGC	■		■			
A100-1/2EGC	■		■			
A100-3/4	■		■			
B100-1/4EGC		■		■		
B100-5/16EGC		■		■		
B100-3/8EGC		■		■		
B100-1/2EGC		■		■		
H100-3/8EGC					■	■
H100-1/2EGC					■	■
CM100-1/4	■		■	■	■	■
CM100-3/8	■		■	■	■	■
CM100-1/2	■		■	■	■	■
CM100-1/2B	■	■				
UC100-1/4	■	■	■	■	■	■
UC100-3/8	■	■	■	■	■	■
UC100-1/2	■	■	■	■	■	■

Threaded Products and Hardware

A100 Regular Spring Nut*

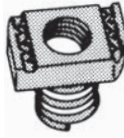


Available in Stainless Steel 316. Nut is square over 1/2 in. size. For all A and C Series channel and inserts.

Cat. No.	Size (in.)	Wt./C lb.
A100-1/4EGC	1/4	8
A100-5/16EGC	5/16	9
A100-3/8EGC	3/8	10
A100-1/2EGC	1/2	12
A100-5/8EGC	5/8	19
A100-3/4	3/4	19
A100-7/8	7/8	18

STD. PACK 100

B100 Short Spring Nut*

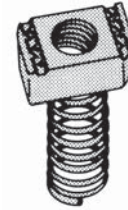


Available in Stainless Steel 316. For all B and D Series channel and inserts.

Cat. No.	Size (in.)	Wt./C lb.
B100-1/4EGC	1/4	7
B100-5/16EGC	5/16	8
B100-3/8EGC	3/8	9
B100-1/2EGC	1/2	9

STD. PACK 100

H100 Long Spring Nut*



For all E and H Series channel and inserts.

Cat. No.	Size (in.)	Wt./C lb.
H100-3/8EGC	3/8	10
H100-1/2EGC	1/2	14

STD. PACK 100

AB100 Springless Nut 1/4 in. thick



For use with all channels. Nut is square over 1/2 in. size.

Cat. No.	Size (in.)	Wt./C lb.
AB100-1/4EGC	1/4	7
AB100-5/16EGC	5/16	8
AB100-3/8EGC	3/8	9
AB100-1/2EGC	1/2	9
AB100-5/8EGC	5/8	10
AB100-3/4EGC	3/4	10

STD. PACK 100

AC100 Springless Nut Heavy duty 3/8 in. thick

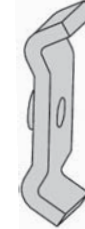


For all A, C, E and H Series channel and inserts. Nut is square over 1/2 in. size.

Cat. No.	Size (in.)	Wt./C lb.
AC100-3/8EGC	3/8	9
AC100-1/2EGC	1/2	11
AC100-5/8EGC	5/8	18
AC100-3/4EGC	3/4	18

STD. PACK 100

813EG Springless Nut Light Duty



For use with all channels.

Cat. No.	Size (in.)	Wt./C lb.
813EG	1/4	5

STD. PACK 100

A182 to A185 Regular Spring Stud Nut*

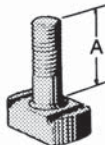


For all A and C Series channels.

Cat. No.	Bolt Dia (in.)	Length A (in.)	Wt./C lb.
A182-1/4x100EG	1/4	1	10
A182-1/4x125EG	1/4	1-1/4	15
A184-3/8x100EG	3/8	1	10
A184-3/8x125EG	3/8	1-1/4	15
A185-1/2x100EG	1/2	1	10
A185-1/2x125EG	1/2	1-1/4	15

STD. PACK 100

A177 to A179 Springless Stud Nut

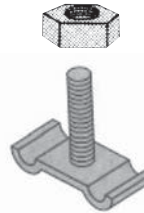


For use with all channels.

Cat. No.	Bolt Dia (in.)	Length A (in.)	Wt./C lb.
A177-1/4x100EG	1/4	1	8
A177-1/4x125EG	1/4	1-1/4	10
A179-3/8x100EG	3/8	1	13
A179-3/8x125EG	3/8	1-1/4	13.5

STD. PACK 100

812 Stud Nut



For attaching fixture to channel slot down or to channel slot up knockouts. Specify length. Hex nut included.

Cat. No.	For Channel	Wt./C lb.
812-1EG	1/4 x 1	6

STD. PACK 100

E145 Standard Hex Nut



Cat. No.	Size (in.)	Wt./C lb.
E145-1/4EGC	1/4	.72
E145-3/8EGC	3/8	1.60
E145-1/2EGC	1/2	2.78
E145-5/8EGC	5/8	6.92
E145-3/4EGC	3/4	12.70
E145-7/8EGC	7/8	19.00
E145-1EGC	1	28.00

STD. PACK 100

UCN Universal Nylon Cone Nut

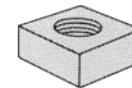


GoldGalv® only
For all 1-5/8 in. and 1-1/2 in. channels.
May be used with ALL Strut Depths.
Can be used for A100 Series, B100 Series and AB100 Series.

Cat. No.	Size (in.)	Wt./C lb.
UCN-1/4	1/4	8
UCN-3/8	3/8	10
UCN-1/2	1/2	12

STD. PACK 100

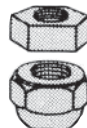
AB102 Unhardened Square Nut



Cat. No.	Size (in.)	Wt./C lb.
AB102-1/4	1/4	13
AB102-3/8	3/8	14
AB102-1/2	1/2	14
AB102-5/8	5/8	12
AB102-3/4	3/4	11
AB102-7/8	7/8	10

STD. PACK 100

ES145 Swivel Nut and Jam Nut Combinations



Cat. No.	Size (in.)	Wt./C lb.
ES145-3/8	3/8	5.5
ES145-1/2	1/2	6.0

STD. PACK 100

E146 Standard Square Nut



Cat. No.	Size (in.)	Wt./C lb.
E146-1/4EGC	1/4	.93
E146-5/16EGC	5/16	1.60
E146-3/8EGC	3/8	2.65
E146-1/2EGC	1/2	5.83
E146-5/8EGC	5/8	10.80

STD. PACK 100

*Supplied with a plastic sleeve over the spring portion to prevent tangling inside the carton.