

## 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.

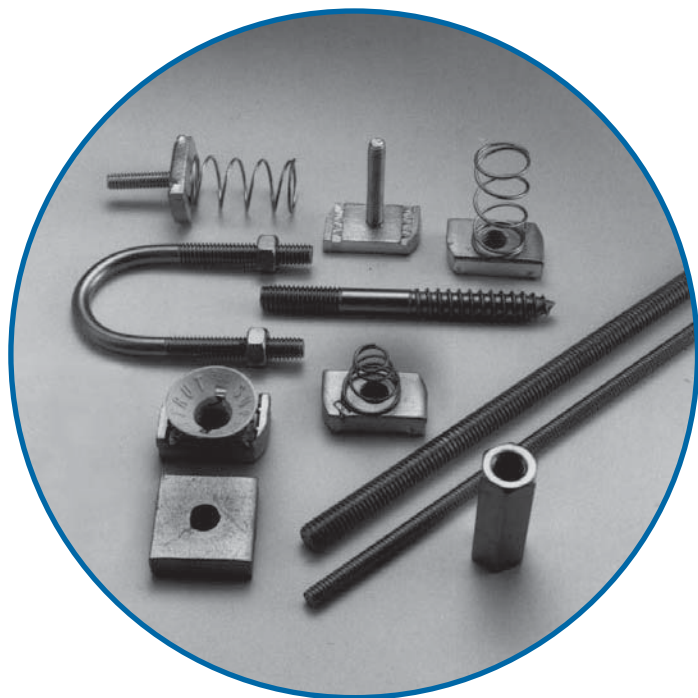
### Screw Threads

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.



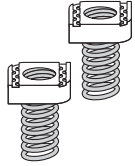
### Spring Nut Selector Chart

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\*

STD. PACK 100



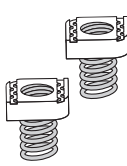
Available in stainless steel 316. Nut is square over 1/2 in. size. For all A and C Series channel and inserts.

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

\* Not available in stainless steel.

### B100 Short Spring Nut\*

STD. PACK 100

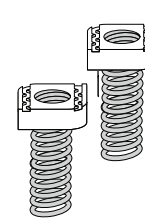


Available in Stainless Steel 316. For all B and D Series channel and inserts.

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

### H100 Long Spring Nut\*

STD. PACK 100

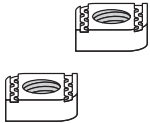


For all E and H Series channel and inserts.

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

### AB100 Springless Nut 1/4 in. thick

STD. PACK 100

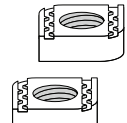


For use with all channels. Nut is square over 1/2 in. size.

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
AB100-1/2EG	1/2	9
AB100-5/8EG	5/8	10
AB100-3/4EG	3/4	10

### AC100 Springless Nut Heavy duty 3/8 in. thick

STD. PACK 100



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

### 813EG Springless Nut Light Duty

STD. PACK 100

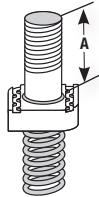


For use with all channels.

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

### A182 to A185 Regular Spring Stud Nut\*

STD. PACK 100

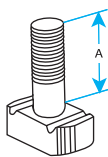


For all A and C Series channels.

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

### A177 to A179 Springless Stud Nut

STD. PACK 100

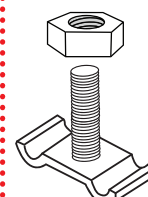


For use with all channels.

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

### 812 Stud Nut

STD. PACK 100

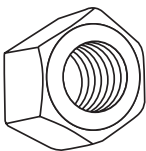


For attaching fixture to channel slot down or to channel slot up knockouts. Specify length. Hex nut included.

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

### E145 Standard Hex Nut

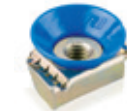
STD. PACK 100



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
E145-5/8EG	5/8	6.92
E145-3/4EGC	3/4	12.70
E145-7/8EGC	7/8	19.00
E145-1EGC	1	28.00

### UCN Universal Nylon Cone Nut

STD. PACK 100

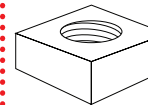


GoldGalv® only  
For all 1-5/8 in. and 1-1/2 in. channels.  
May be used with ALL Strut Depths.  
Can be used for A100 Series, B100 Series and AB100 Series.

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

### AB102 Unhardened Square Nut

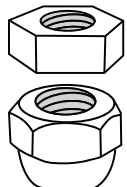
STD. PACK 100



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

### ES145 Swivel Nut and Jam Nut Combinations

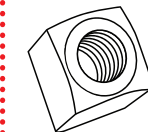
STD. PACK 100



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

### E146 Standard Square Nut

STD. PACK 100



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

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