

Threaded Products and Hardware

Channel Nuts

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

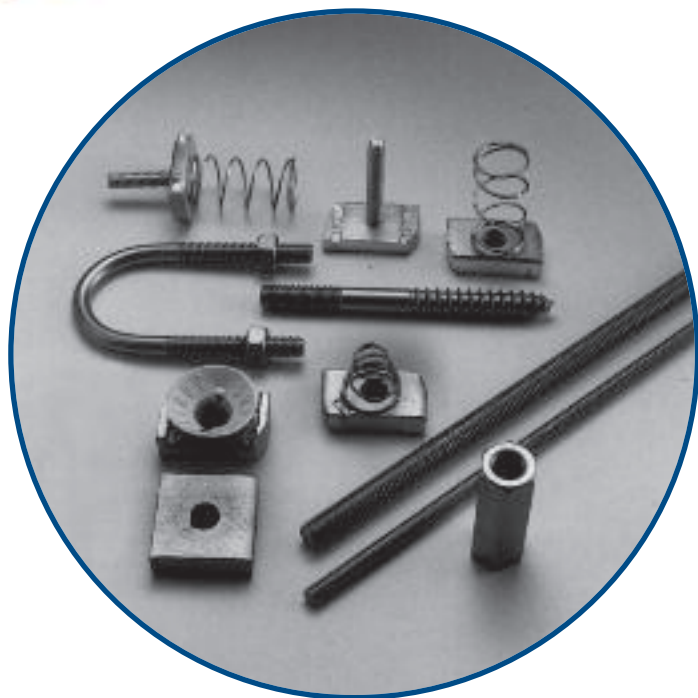
Design Data

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



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	■	■	■	■	■	■

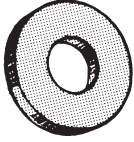
Finish and special materials

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.

Threaded Products and Hardware

E147 Flat Steel Washer

STD. PACK: 100

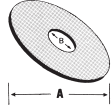


Cat. No.	Size (in.)	Wt./C lb.
E147-1/4EG	1/4	0.67
E147-5/16EG	5/16	1.11
E147-3/8EG	3/8	1.49
E147-1/2EG	1/2	3.85
E147-5/8EG	5/8	7.69
E147-3/4EG	3/4	9.89
E147-7/8EG	7/8	15.40

Available in Stainless Steel.

EF147 Fender Washer

STD. PACK: 100



Cat. No.	Size (in.)	A (in.)	B (in.)	Wt./C lb.
EF147-1/4EGC	1/4	1-1/4	5/16	3.1
EF147-3/8EGC	3/8	1-1/2	7/16	2.9
EF147-1/2EGC	1/2	2	9/16	5.0

Available in Stainless Steel.

E148 Lock Washer

STD. PACK: 100

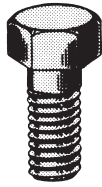


Cat. No.	Size (in.)	Wt./C lb.
E148-1/4EG	1/4	0.26
E148-3/8EG	3/8	0.50
E148-1/2EG	1/2	1.09
E148-5/8EG	5/8	2.57

Available in Stainless Steel.

E142 Hex Head Cap Screw

STD. PACK: 100



Cat. No.	Size (in.)	Wt./C lb.
E142-1/4x100EG	1/4x1	1.74
E142-1/4x150EG	1/4x1-1/2	2.43
E142-3/8x100EG	3/8x1	4.17
E142-3/8x150EG	3/8x1-1/2	5.64
E142-1/2x100EG	1/2x1	8.94
E142-1/2x150EG	1/2x1-1/2	10.00
E142-1/2x200EG	1/2x2	11.19
E142-1/2x225EG	1/2x2-1/4	11.90
E142-1/2x250EG	1/2x2-1/2	12.52
E142-1/2x275EG	1/2x2-3/4	13.22

Available in Stainless Steel.

E150S Lag Bolt

STD. PACK: 50



Cat. No.	Drill Size (in.)	Size (in.)	Wt./C lb.
E150S-3/8x1-1/2EG	1/4	3/8x1-1/2	5
E150S-3/8x2EG	1/4	3/8x2	7
E150S-3/8x2-1/2EG	1/4	3/8x2-1/2	8
E150S-3/8x3EG	1/4	3/8x3	9
E150S-1/2x1-1/2EG	11/32	1/2x1-1/2	12
E150S-1/2x2EG	11/32	1/2x2	13
E150S-1/2x2-1/2EG	11/32	1/2x2-1/2	15
E150S-1/2x3EG	11/32	1/2x3	18

E151 Coach Screw Rod



Cat. No.	Rod Size (in.)	Std Rod Lengths (in.)	Wt./C lb.
E151-3/8x4EG	3/8	4	9
E151-3/8x6EG	3/8	6	14
E151-3/8x8EG	3/8	8	22
E151-3/8x10EG	3/8	10	29
E151-3/8x12EG	3/8	12	35
E151-1/2x4EG	1/2	4	17
E151-1/2x6EG	1/2	6	22
E151-1/2x8EG	1/2	8	40
E151-1/2x10EG	1/2	10	51

Machine threaded opposite end, carbon steel.

H104 Hanger Rod Continuous Threaded

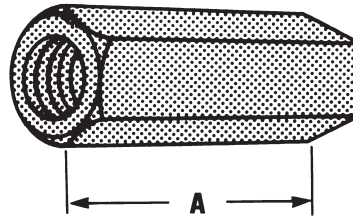


STD. PACK: 3

Cat. No.	Thread Size (in.)	Wt./lb. 100 ft.	Design Load lb.
H104-1/4x10EGC	1/4	12.5	150
H104-3/8x10EGC	3/8	29	610
H104-1/2x10EGC	1/2	53.5	1130
H104-5/8x10EGC	5/8	85	1810
H104-3/4x10EGC	3/4	123	2710
H104-7/8x10EG	7/8	130	3770
H104-1x10EG	1	214	4960

- Black available upon request
- Sold per foot; standard length, 10 ft.
- Also available in stainless steel (316) standard length 6 ft.
- National coarse thread

H119 Rod Couplings



Rod Size	A (in.)	Wt./C lb.
1/4	7/8	1.90
5/16	7/8	3.75
3/8	1-1/8	3.50
1/2	1-1/4	5.50
5/8	2-1/8	18.00
3/4	2-1/4	28.00
7/8	2-1/2	55.00
1	2-1/4	56.00

Standard Rod Coupling
Example: H119-1/2EG

Order by product number, rod size, and finish.
 Available in Stainless Steel.

Rod Size	A (in.)	Wt./C lb.
1/4 to 3/8	1-1/2	3.50
3/8 to 1/2	1-1/4	6.70
1/2 to 5/8	1-1/4	14.00
5/8 to 3/4	1-1/2	21.00
3/4 to 7/8	1-3/4	40.00

Rod Reducer Coupling
Example: H119-1/4x3/8EG