

INSTALLATION INSTRUCTIONS

Strut Nuts
NUT, NUTC
SPRA, SPRC, SPRD
SPRM
TSNC, TSNT

Fastener Size	Required Torque
#8-32	17*
#10-24	26*
1/4"-20	72*
5/16"-18	132*
3/8"-16	19
7/16"-14	24
1/2"-13	50
5/8"-11	50
3/4"-10	50
7/8"-9	50

* Values are in inch/lb units. All fasteners above 5/16" are in foot/lb units.

This product provides a means to fasten various products to ERISTRUT Strut Channel.

NOTE! Install strut nuts and tighten as noted in torque table. Ensure that installation is in compliance with governing codes.



Resistance to slip *

Size	Part Number	Channel Size	12 GA Channel		14 GA Channel		16 GA Channel	
			Lb.	N	Lb.	N	Lb.	N
#8-32	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	50	220	50	220	50	220
#10-24	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	100	440	100	440	100	440
#10-32	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	100	440	100	440	100	440
1/4-20	NUT, NUTC, SPRA, SPRC, SPRD TSNT	A, B, C, D, E, M	300	1330	300	1330	300	1330
5/16-18	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	450	2000	450	2000	450	2000
3/8-16	NUT, NUTC, SPRA, SPRC, SPRD TSNT	A, B, C, D, E, M	800	3580	800	3580	800	3580
7/16-14	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	1000	4450	800	3580	800	3580
1/2-13	NUT, NUTC, SPRA, SPRC, SPRD TSNT	A, B, C, M	1500	6670	1000	4450	1000	4450
5/8-11	NUT, NUTC, SPRA, SPRC, SPRD	D, E	1500	6670	1000	4450	1000	4450
3/4-10	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, M	1500	6670	1000	4450	1000	4450
7/8-9	NUT, NUTC, SPRA, SPRC, SPRD	D, E	1500	6670	1000	4450	1000	4450

* Rated loads are for channel nuts with PL, EG, CG finish codes only. S4, S6 and HD finishes are non-load rated.

Pullout Strengths*

Size	Part Number	Channel Size	12 GA Channel		14 GA Channel		16 GA Channel	
			Lb.	N	Lb.	N	Lb.	N
8-32	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	200	890	200	890	200	890
10-24	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	250	1110	250	1110	250	1110
10-32	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	250	1110	250	1110	250	1110
1/4-20	NUT, NUTC, SPRA, SPRC, SPRD TENT	A, B, C, D, E, M	450	2000	450	2000	450	2000
5/16-18	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	750	3330	750	3330	750	3330
3/8-16	NUT, NUTC, SPRA, SPRC, SPRD TSNT	A, B, C, D, E, M	1100	4890	1000	4450	1000	4450
7/16-14	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, D, E, M	1500	6670	1200	5340	1000	4450
1/2-13	NUT, NUTC, SPRA, SPRC, SPRD TSNT	A, B, C, M	2000	8900	1400	6230	1000	4450
1/2-13	NUT, NUTC, SPRA, SPRC, SPRD TSNT	D, E	1500	6670	1400	6230	1000	4450
5/8-11	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, M	2000	8900	1400	6230	1000	4450
5/8-11	NUT, NUTC, SPRA, SPRC, SPRD	D, E	1500	6670	1400	6230	1000	4450
3/4-10	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, M	2000	8900	1400	6230	1000	4450
3/4-10	NUT, NUTC, SPRA, SPRC, SPRD	D, E	1500	6670	1400	6230	1000	4450
7/8-9	NUT, NUTC, SPRA, SPRC, SPRD	A, B, C, M	2000	8900	1400	6230	1000	4450
7/8-9	NUT, NUTC, SPRA, SPRC, SPRD	D, E	1500	6670	1400	6230	1000	4450

* Rated loads are for channel nuts with PL, EG, CG finish codes only.

S4, S6 and HD finishes are non-load rated.

WARNING:

- All pipe supports, hangers, intermediate components and structural attachments must ONLY be used to support pipe, tubing or conduit as stated herein and are NEVER to be used for any other purpose.
- All pipe supports and hangers are designed ONLY for STATIONARY piping unless otherwise noted.
- All supports, hangers, clamps and accessories shown are to use two nuts (or jam nuts) on the hanger rod and tightened securely to assure proper performance.
- FIRE PROTECTION:** Follow requirements of the National Fire Protection Assoc., NFPA pamphlets 11, 12, 13, 14, 15, 16, 17 and Factory Mutual Property Loss Prevention Data Sheet No. 2-8N.
- Fasteners must be used only in the manner depicted in the illustrations that accompany it and must not exceed static load ratings.
- Fasteners are designed for use with a variety of industry standard building materials, structural shapes and mechanical components. For the fastener to work properly, these items must meet the appropriate industry standards. (example: ANSI, AISC, AISI)
- The buyer and/or installer is responsible for:
 - Application in accordance to local codes.
 - The integrity of structures to which the fasteners are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
 - Using appropriate industry standard hardware as noted above.
- Failure to observe these specifications may cause product malfunction resulting in property damage or bodily injury. ERICO products at the time of shipment are warranted to conform to any application written description furnished to the Buyer by ERICO, and to be free from defects in material and workmanship. NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS), SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY ERICO PRODUCT.

SAFETY INSTRUCTIONS: All safety regulations required at the job site must be observed. Special attention should be given to the following instructions while working on or on the job site:

- Observe all Federal and local safety regulations.
- Wear safety glasses with side shields.
- Be aware of personal working above and below.
- Wear a hard hat.
- Wear gloves to avoid splinters and cuts.
- When working above ground level, be sure the structure will support your weight.

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(800) 25-CADDY