

103E | Simple Threaded Rod

Electrical: conduit and MC/AC cable drops | 1/4 in. or 3/8 in. rod, 3 - 120 in. | Basis: ICC-ESR-1530



01 CAPACITY

The published capacity is the fastener's evaluation report value on the A18, A19 post nuts: **154 lbs** in 2500psi NWC; **150 lbs** in 3000psi LWC with Metal Deck. The Blue Point post nut assembly evaluated in ICC-ESR-1530 (Tables 4 and 5), with SSF all-thread rod threaded into the post nut.

The rated load applies to the support assembly; the attachment to structure is evaluated separately. The fastener backup documents (F sheets) are furnished upon request, and a configured assembly sheet is issued per project with the selected fastener and its substrate capacities.

Seismic limit Per ASCE 7, power actuated fasteners are limited to 90 lbs of tension in Seismic Design Categories C (Ip = 1.5), D, E, and F.

02 ORDERING

Segment	Selection	Description
A	Fastener, by substrate	Power actuated pins and post nuts: A18 EC25-ACP32, A19 EC38-ACP32.
B	per order	Overall length, 3 in. to 120 in.

Ready to ship in 24 / 36 / 42 / 48 / 60 in. overall lengths. Any length from 3 in. to 120 in. on request.

03 NOTES

- Threaded rod support for conduit and MC/AC cable drops: all-thread rod threads directly into the post nut, which pins to the concrete in one shot.
- Rigid connection to structure eliminates the need to tie off to the ceiling grid below. NEC 300.11(A).
 - Finish: zinc plated.
 - Support spacing governed by the applicable local building code.
 - Install the post nut assembly per its evaluation report and the manufacturer's instructions.
 - Published capacities are the evaluation report's allowable loads for the attachment in the listed substrate.
 - Drawings not to scale.