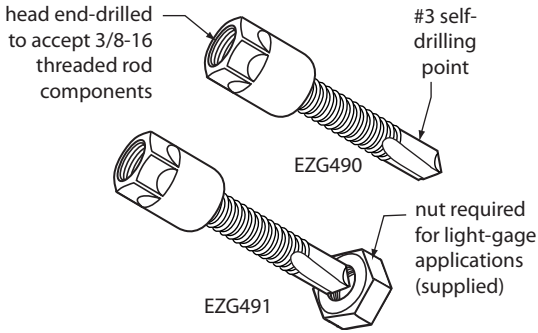




# SPECIFICATIONS

## HangerMate® Threaded Rod Anchoring System EZG490 & EZG491 Anchors



### Features & Benefits

- End-drilled and tapped for attaching 3/8-16 threaded components to steel
- Solid, one piece cold formed part; head cannot spin off or unscrew from body
- #3 self-drilling point for steel thicknesses of .060 – .250"
- EZG491 includes backing nuts which greatly improves pullout values in thin material and are required to meet certain UL/FM requirements

### Performance Values for EZG490 Anchor (no nut)

Steel Thickness	Average Ultimate Value (lbs)
0.062"	786
0.074"	1139
0.104"	1738
0.125"	2376
0.1875"	4694
0.250"	5994

### Performance Values for EZG491 Anchor (with nut)

Steel Thickness	Average Ultimate Value (lbs)
0.062"	3435
0.074"	4024
0.104"	4279
0.125"	4692
0.1875"	5812
0.250"	5909

1. The loads indicated above are average ultimate values achieved under laboratory conditions and appropriate safety factors should be applied for design purposes.

2. NFPA (National Fire Protection Assoc.) minimum fastening requirements are five times the weight of a 15 ft section of water-filled pipe plus 250 lbs. This is 1475 lbs. for 4" pipe.

3. Loads were determined by testing products in the orientation for which they were designed to be used. End-drilled parts were pulled in line with the anchor's axis while cross-drilled parts were tested with the force perpendicular to the axis.

### EZG490 & EZG491 HangerMate® Anchors

Application Material:  
Steel .060" – .250"

### Specification:

1/4" shank diameter, one-piece anchor with end-drilled head to accept 3/8-16 threaded rod and components, #3 self-drilling point and self-tapping threads

### FM Approvals and UL Listings:

- EZG490 is FM approved for 4" pipe in minimum steel thickness of 12 gage (0.10")
- EZG491 (with nuts) is UL listed and FM approved for 4" pipe in 16 gage steel (0.060")

### Head Style:

9/16" diameter head end-drilled and tapped to accept 3/8-16 threaded components

### Head Height:

3/4"

### Drive Hex Size:

1/2" across flats

### Shank Length:

1-1/2"

### Shank Threads:

1/4-20 self-tapping

### Point Type:

#3 self-drilling

### Material & Heat Treat:

Carbon steel (AISI C10B21) case hardened and tempered

### Finish:

Zinc plated per ASTM B633 Type II Class 12

### Installation Tools:

- HangerMate® drive socket: EZE215 with safety set feature; automatically disengages when anchor is seated
- Recommended power tool: Contractor-grade screw gun; 12 volt min. cordless or 4.5 amp min. corded tool 1300 – 2000 rpm

For more information, contact

Elco Construction Products • 1.800.435.7213  
www.elcoconstruction.com