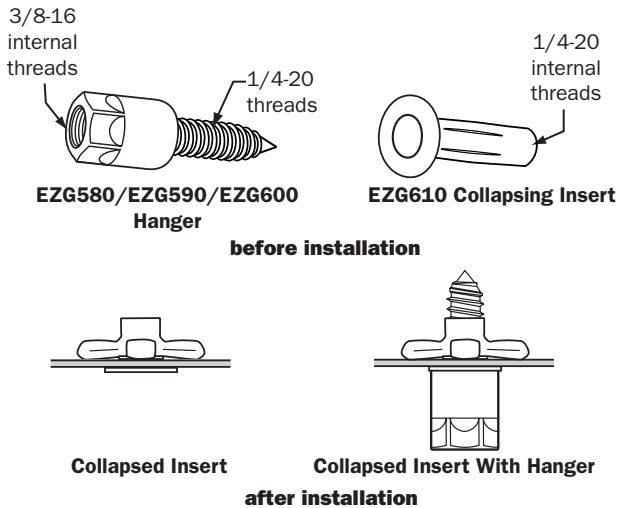




# SPECIFICATIONS

## HangerMate® LG Threaded Rod Anchoring System EZG580/EZG590/EZG600/ EZG610 Components



- Collapsible insert (EZG610) forms a large bearing area; can be used with or without\* hanger component
- Hangers (EZG580, EZG590 & EZG600) are traditional HangerMate® one-piece design, end drilled & tapped for 3/8-16 threaded components
- Allows use in very thin materials and/or blind applications
- Installation is fast and easy
- \* Insert accepts 1/4-20 threaded components and hanger; combined hanger and insert combination accepts 3/8-16 threaded components

### Performance Values for EZG580, EZG590, EZG600 Components

#### UL Listed Applications

Cat #	EZG580	EZG590	EZG600
Max. Pipe Diameter	2.5"	3.5"	4"
Min. Steel Thickness	22 ga.	18 ga	16 ga

Note: When used in UL listed applications, the EZG580, EZG590 & EZG600 must be used for the maximum pipe size and in the minimum material thickness indicated. For inspection purposes, the EZG580 & EZG590 have the maximum pipe size stamped on the side of the head. The EZG600 does not require a mark since it is listed for 4" pipe. For non-UL applications, use any of the parts based on Ultimate Tensile Load table below.

#### Ultimate Tensile Load<sup>1</sup>

Gage	26	22	20	18	16
Ultimate Tensile Load	848	1025	1153	1410	1880

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

### EZG580/EZG590/EZG600 HangerMate® Components

#### Application Material:

Steel 26 ga. – .187"; requires 25/64" pre-drilled hole

#### Specification:

Hanger: 1/4" shank diameter, one-piece anchor with end-drilled head to accept 3/8-16 threaded rod and components. Insert collapses during installation to form large bearing surface.

#### UL Listings:

EZG580: max. 2.5" dia. pipe in min. 22 gage steel

EZG590: max. 3.5" dia. pipe in min. 18 gage steel

EZG600: max. 4" dia. pipe in min. 16 gage steel

Note: When used in UL listed applications, the EZG580, EZG590 & EZG600 must be used for the maximum pipe size and in the minimum material thickness indicated. For inspection purposes, the EZG580 & EZG590 have the maximum pipe size stamped on the side of the head. The EZG600 does not require a mark since it is listed for 4" pipe. For non-UL applications, use any of the parts based on Ultimate Tensile Load table to the left.

#### Head Style (EZG580, EZG590, EZG600):

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

#### Head Height (EZG580, EZG590, EZG600):

3/4"

#### Shank Length (EZG580, EZG590, EZG600):

1"

#### Collapsing Insert: (EZG610)

9/16" head, .060" thick, 1" under head

#### Material & Heat Treat:

- Hanger: Carbon steel (AISI C10B21); Grade 5.2 heat treat
- Collapsing insert: Carbon steel (AISI C1008/1010); no heat treat

#### Finish:

Hanger and collapsing insert: Zinc plated per ASTM B633 Type II Class 12

#### Installation Accessories:

Use collared 25/64" drill bit (EZE320) to pre-drill hole. Must use EZE290 tool to install collapsing insert. Hangers for 3/8-16 threaded components can then be installed by hand. **1/4-20 threaded components can be installed directly into the collapsed insert.**

For more information, contact

**Elco Construction Products • 1.800.435.7213**  
**www.elcoconstruction.com**