

EGQ

High-Capacity Top-Flange Hanger



This product is preferable to similar connectors because of (a) easier installation, (b) higher loads, (c) lower installed cost, or a combination of these features.

The EGQ hanger is a high-capacity top-flange connector designed for use with structural composite lumber beams. It utilizes Strong-Drive® SDS Heavy-Duty Connector screws for higher capacity and ease of installation. Available in standard SCL widths and made to specified heights. SDS screws are included.

Material: Top flange — 3 gauge; stirrups — 7 gauge

Finish: Simpson Strong-Tie gray paint. HDG available; contact Simpson Strong-Tie.

Installation:

- Use all specified fasteners; see General Notes.
- Install with 1/4" x 3" Strong-Drive SDS Heavy-Duty Connector screws, which are provided with the EGQ. (Lag screws will not achieve the same load.)
- All multiple members must be fastened together per the designer.
- Multiple member headers may require additional fasteners at hanger locations. Quantity and location to be determined by designer.

Options:

Skewed Seat

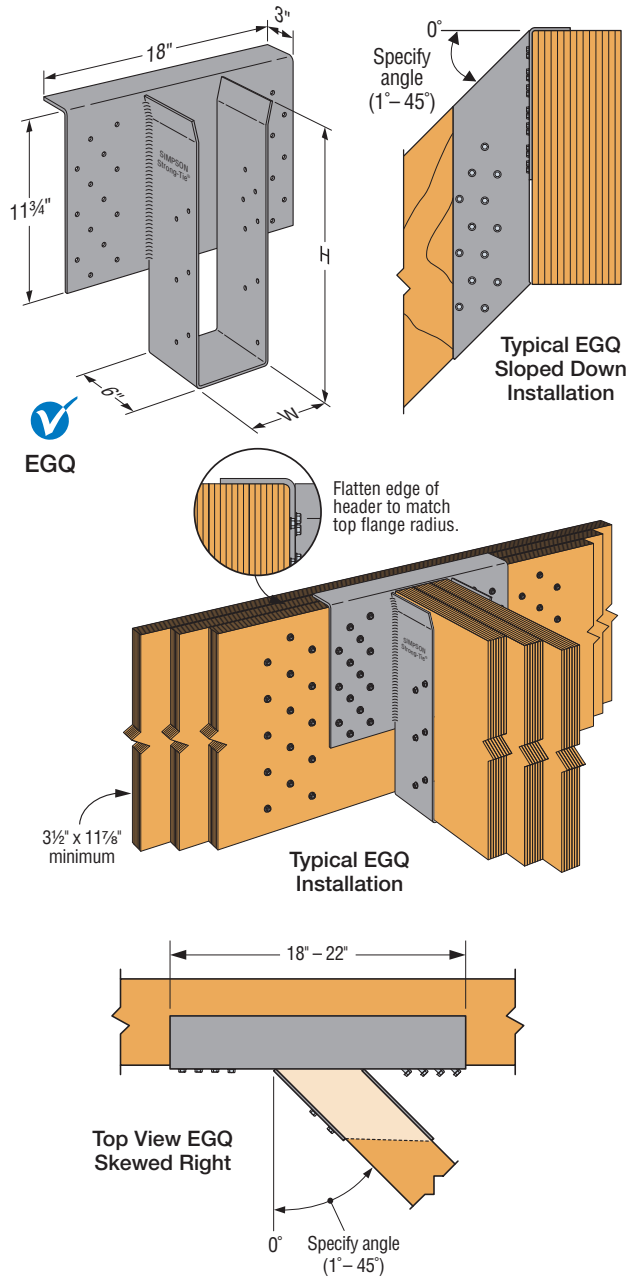
- The EGQ can be skewed a maximum of 45°
- The maximum allowable download when skewed is 16,300 lb.
- The maximum allowable uplift when skewed is 5,770 lb.
- Joist must be bevel cut for skewed seat installation

Sloped Seat

- The EGQ can be sloped up or down a maximum of 45°
- The maximum allowable download when sloped is 15,360 lb.
- The allowable uplift when sloped is 100% of the table load
- Sloped seat installation requires an additional 14 joist screws (supplied with the connector)

No Sloped and Skewed Combo Available

Codes: See p. 11 for Code Reference Key Chart



I-Joist, Glulam and Structural Composite Lumber Connectors

These products are available with additional corrosion protection. For more information, see p. 14.

Model No.	Joist or Purlin Size (in.)	Dimensions (in.)			SDS Fasteners		Allowable Loads Header Type				Code Ref.
		W	H (Min.)	H (Max.)	Header	Joist	Uplift (160)	LVL/LSL	PSL	DF/SP	
EGQ3.62-SDS3	3 1/2	3 3/8	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	IBC, FL, LA
EGQ5.25-SDS3	5 1/8	5 1/4	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	
EGQ5.37-SDS3	5 1/4	5 3/8	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	
EGQ5.62-SDS3	5 1/2	5 3/8	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	
EGQ6.88-SDS3	6 3/4	6 7/8	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	
EGQ7.25-SDS3	7	7 1/4	11 1/4	32	(28) 1/4" x 3"	(12) 1/4" x 3"	7,670	19,800	18,680	17,085	

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
 2. "H (Min.)" is the minimum H dimension that may be specified.
 3. Loads are based on 750 psi wood bearing for SCL.
 4. For normal loading, such as in cantilever construction, use an uplift value of 4,800 lb.