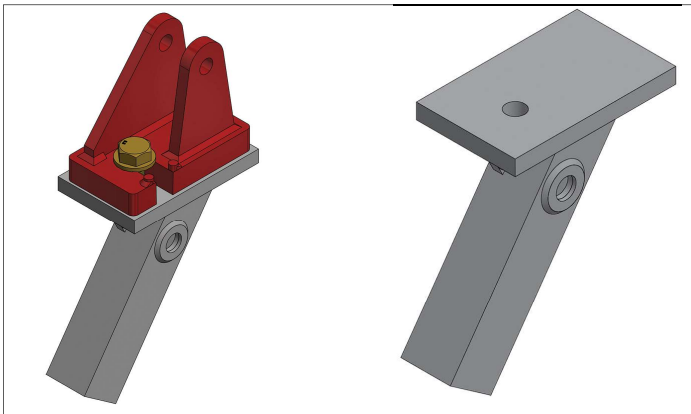
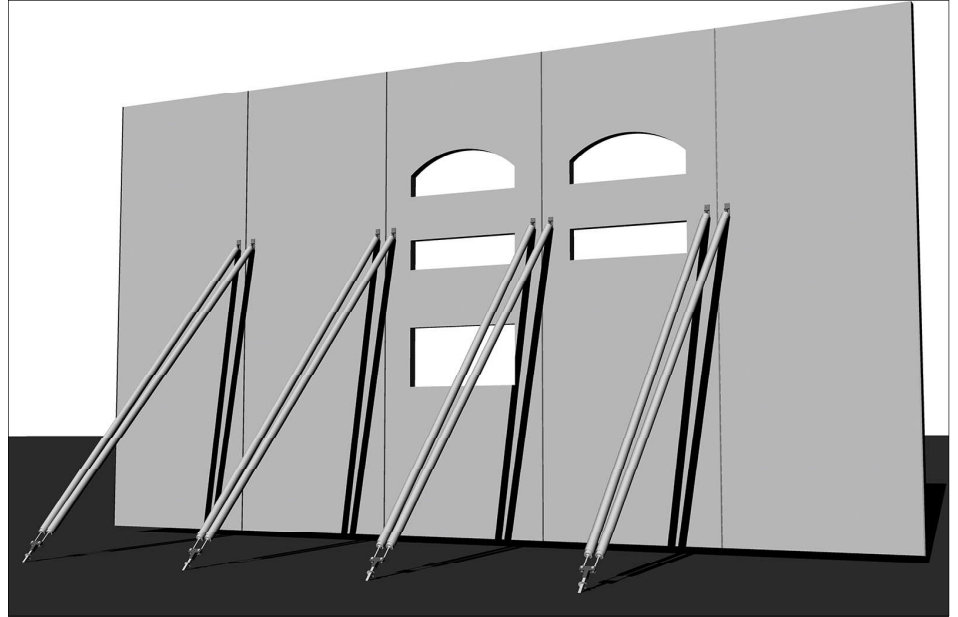


# HGA Bracket

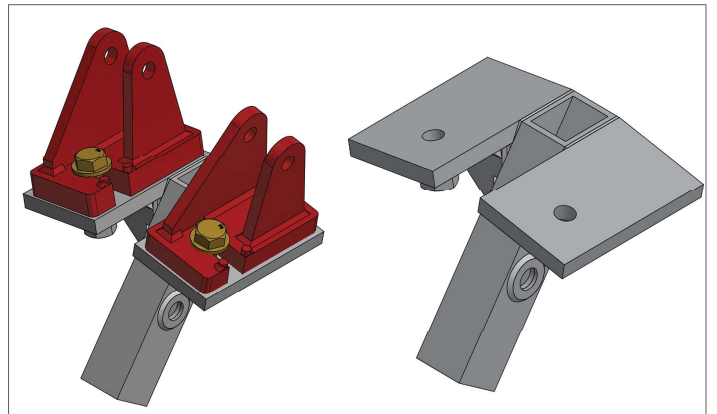
## Load-rated device for quickly connecting tilt-up brace shoes to helical ground anchors

The Helical Ground Anchor (HGA) Bracket provides a simple connection point between HGAs and tilt-up braces. The design eliminates the need to remove, then reattach, pipe brace shoes. The pipe brace shoe bolts directly to the bracket.

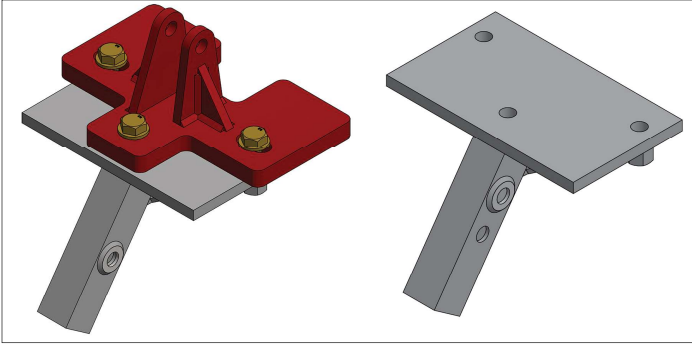
The tilt-up panel engineering, bracing and anchoring requirements will determine which HGA Bracket is the most effective.



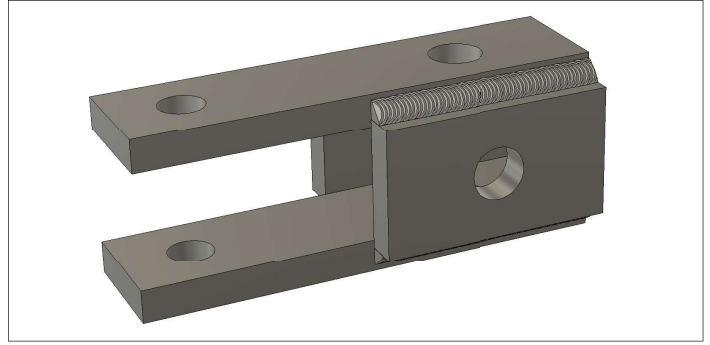
*HGA Bracket in 1-Bolt configuration with and without brace shoe.*



*HGA Bracket in 2-Bolt configuration with and without brace shoe.*



HGA Bracket in 3-Bolt configuration with and without brace shoe.

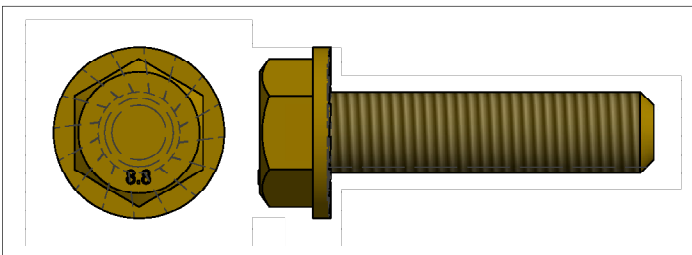


Standard Transitional Brace Connector (STBC)

HGA Brackets			
Part No.	Description	SWL* (lbs)	Ultimate Load (lbs)
SBSTBC	Standard Transitional Brace Connector (STBC)	15,000	24,000
SBHGA1PB	HGA Bracket 1-Bolt	10,000	16,700
SBHGA2PB	HGA Bracket 2-Bolt	20,000**	24,000
SBHGA3PB	HGA Bracket 3-Bolt	20,000**	24,000

\* Safe Working Load based on 1.67:1 safety factor.

\*\* Capacity of Helical Ground Anchor may control design.



Each configuration of the HGA Bracket comes with 3/4" x 4" grade 8 bolts for fastening the HGA Bracket to the shoes and a grade 8 bolt and nut for fastening the bracket to the HGA.

**Note:** The load-ratings of the helical ground anchor, tilt-up brace and HGA Bracket must be considered simultaneously for maximum allowable capacity and spacing.

**Note:** Helical Ground Anchor, Pipe Brace, and/or soil conditions may be the controlling factor. Capacities for all components must be considered when engineering a bracing configuration.