

BEAM ANKR



BEAM ANKR MAX



PATENT PENDING

BETWEEN FLANGE
BEAM MOUNTING SYSTEM



BEAM ANKR



BEAM ANKR MAX



FLANGE BRACKET KIT

MOUNTING COMPONENTS IN
LINE WITH THE FLANGE



OFFSET BRACKET KIT

MOUNTING COMPONENTS
AWAY FROM THE BEAM
AND WEB

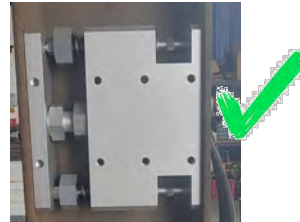
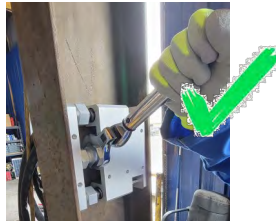


STRUT KIT

THE BEAM ANKR & BEAM ANKR
MAX ARE PRE-DRILLED AND
TAPPED FOR STANDARD STRUT



The Beam ANKR clamps in place without cutting , drilling, welding, bolting or bonding. It can be removed and relocated as many times as necessary. Beam ANKR does not alter the structural integrity of the beam system and keeps the user compliant with all codes.



ANSI/AISC303-22 – Code of Standard Practice for Steel Buildings and Bridges:

7.15 Cuts, Alterations, and Holes for Other Trades. *Neither the fabricator nor the erector shall cut, drill, or otherwise alter their work.*



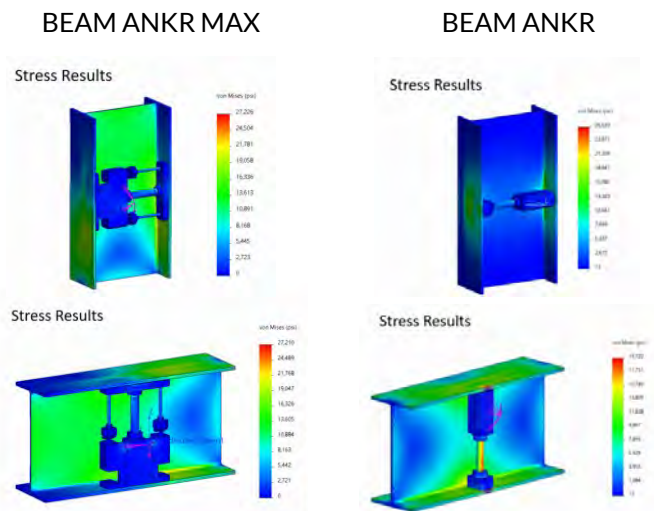
AWSD1.1:2000 – Structural Welding Code

8.3.5 Loading During Operations. *The Engineer shall determine the extent to which a member will be permitted to carry loads while heating, welding or thermal cutting is performed .*

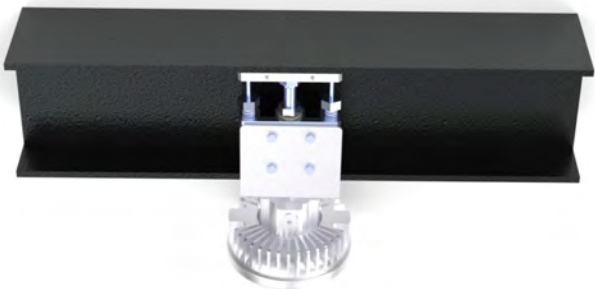
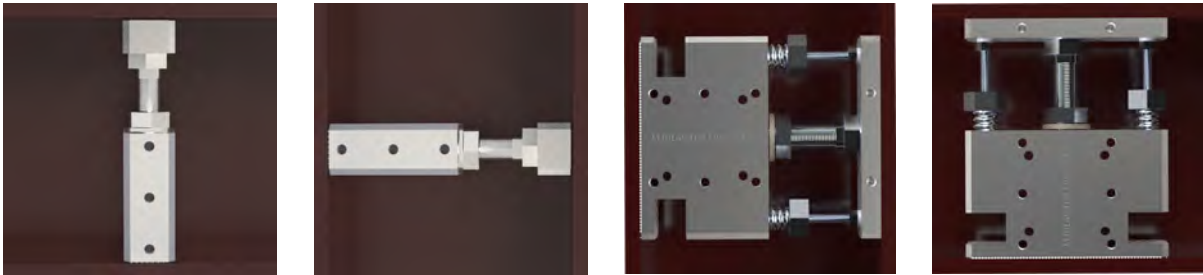
STRUCTURAL ANALYSIS

Engineering analysis was completed per the IBC 2021 standard. The bracket beam system was analyzed in both vertical and horizontal planes for stresses and deflection. Certified maximum operational loads were established through this process as follows:

	OPERATIONAL LOAD (lbs)	SLIP LOAD (lbs)
BEAM ANKR	162 lbs	610 lbs
BEAM ANKR MAX	310 lbs	1191 lbs



The Beam ANKR and Beam ANKR MAX are certified to hold any load that does not exceed the max weights in either vertical or horizontal orientation.



Fire Extinguishers

Breaker Panels

Light Fixtures

Emergency Lighting

Sirens / Speakers

Control Stations

Junction Boxes

CCTV

Piping, Ducting & Conduit