

**S**afety is the number one concern in warehouses, storage rooms and “big box” retail operations. Employee and customer safety was a primary focus when Interlake’s engineers set out to design a beam connection unlike any other.

Little training is required to understand the operation of the Interlock™. The Interlock seats automatically into the column, locking securely into place when the beam is installed. No sliding parts! No additional pins or hardware! This positive automatic engagement guards against accidental beam displacement.

A key feature of this new connector is the locking pin with its unique side flanges that are captured against the inside coining of the end plate. As the locking pin “catches” on the end plate the Interlock is prevented from over-bending. Semi-perforations pushed through the end plate keep the Interlock secured to the beam during fabrication, shipping and beam relocation. Two holes strategically located on the face of the end plate facilitate the seating and removal of the beam with a drift pin.

The Interlock exceeds RMI requirements of 1,000 pounds of upward force without failure or disengagement.

The Interlock replaces the sliding load lock and snap lock safety devices. This new lock is compatible with all existing Interlake installations and can be utilized with standard and dropped beams.

## The new INTERLOCK™

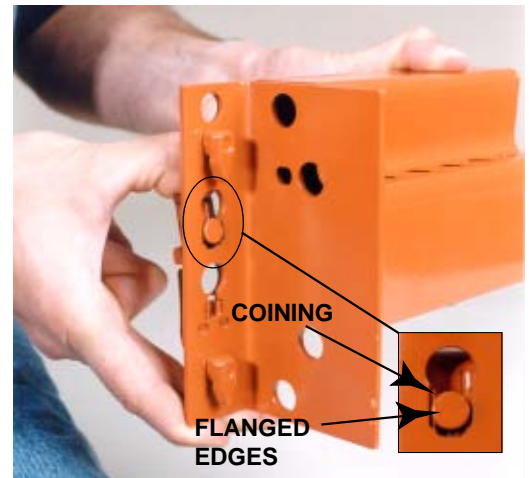
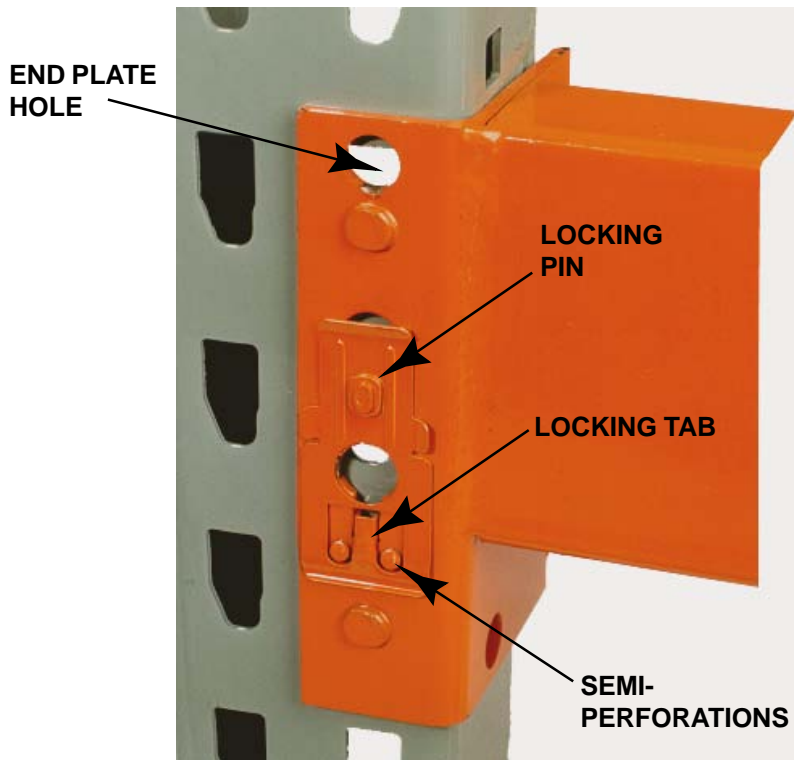
Leading the industry in  
design for safety!

- ▶ *Reduced liability*
- ▶ *One step installation*
- ▶ *Positive automatic engagement*
- ▶ *Damage and tamper resistant*
- ▶ *Exceeds RMI standards*
- ▶ *Compatible with standard and dropped beams*

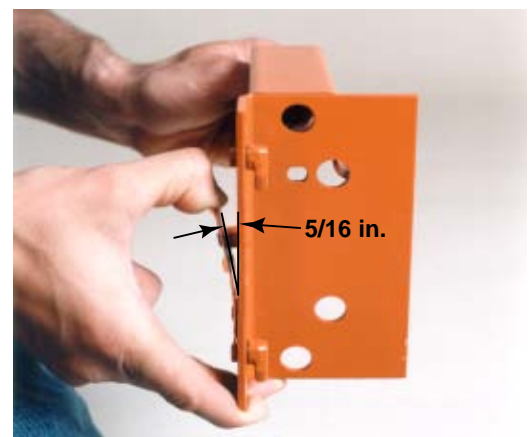


# INTERLOCK™

## Automatically Locks Beam in Position for Easy Installation



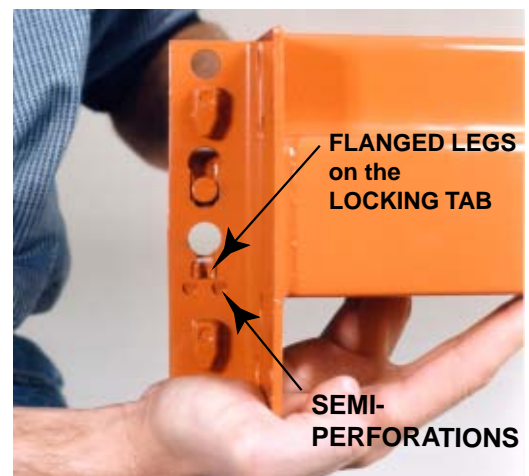
The locking pin configuration inhibits accidental beam displacement.



The locking pin restricts the Interlock from being pulled back farther than 5/16".

### Design Features that Mean Quality Performance

- ▶ The locking pin has flanged edges which bear against the coining in the corresponding end plate hole. This restricts the Interlock™ from being pulled back farther than 5/16" thus resisting over bending of the spring.
- ▶ The locking tab is bent up 10 degrees to hold the Interlock tight against the end plate.
- ▶ The Interlock spring is flat making it less likely to become accidentally disengaged or damaged in shipment.
- ▶ Semi-perforations were engineered to secure the Interlock to the end plate during fabrication, shipping and beam installation.



The Interlock is locked in place by flanged legs on the locking tab, then the semi-perforations prevent its removal.

Contact your Interlake representative for a product demonstration.



Interlake products and designs are compliant with applicable 1997 RMI specifications

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