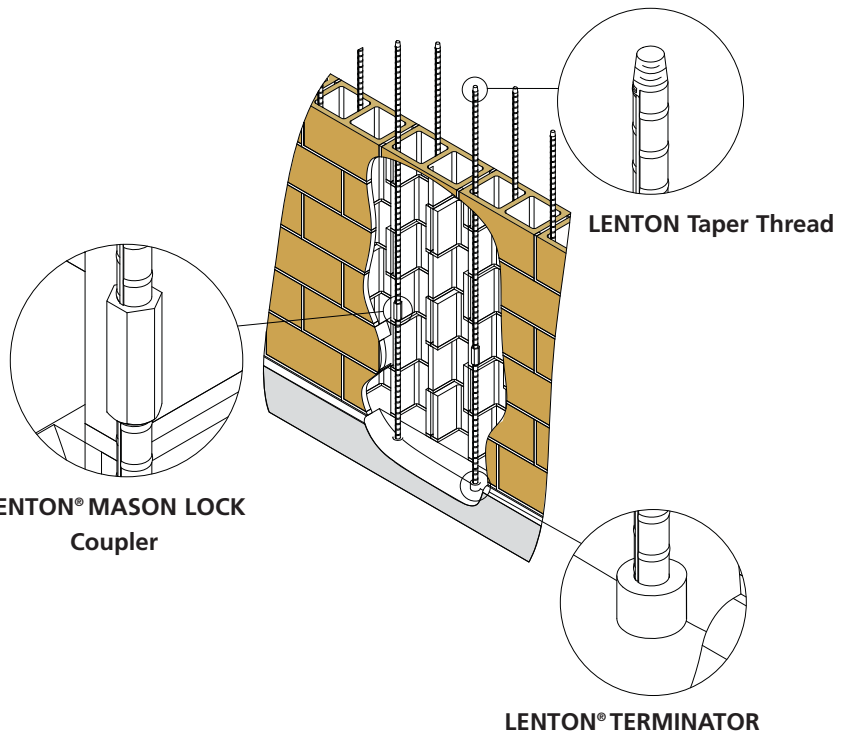


Cost Saving Method for Splicing Rebar in Masonry Walls

Features

- Eliminates lap splices in CMU walls
- Adds structural integrity
- Fast and cost effective system
- Accelerates construction schedules
- Taper-thread design for easy installation
- Excellent for future extension applications
- Available in sizes #3 - #18 (10 mm – 57 mm)
- Accommodates unexpected design or construction changes
- Conforms to ACI® codes
- Minimizes congestion in CMU wall
- Approved by major building codes and agencies around the world
- Exceeds Type 1 and Type 2 splice requirements
- Exceeds ACI, UBC®, IBC®, CSA® and ICC® full-tension splice requirements



Code changes within the American Concrete Institute's (ACI®) Concrete and Masonry code require longer lap lengths in masonry construction. This code change means more congestion in the masonry cells and more difficulty in construction. To alleviate this problem, builders can either use open-cell blocks, which are quite expensive, or use mechanical rebar couplers to eliminate the lap.

The LENTON® taper-threaded splice – one of the most widely used mechanical splicing systems in the world today – quickly and easily connects two pieces of rebar. This cost-effective connector uses the time-tested, field-proven taper thread for assurance of strength, consistency and reliability while simplifying installation.

LENTON splices are designed for use on worldwide standard grades of rebar and meet ACI-318, BS 8110 and DIN 1045 full-tension splice requirements and many other international standards. No "special" high strength, enlarged thread section or increased rebar size is necessary, thus allowing the supply of rebar from multiple sources for maximum cost savings.

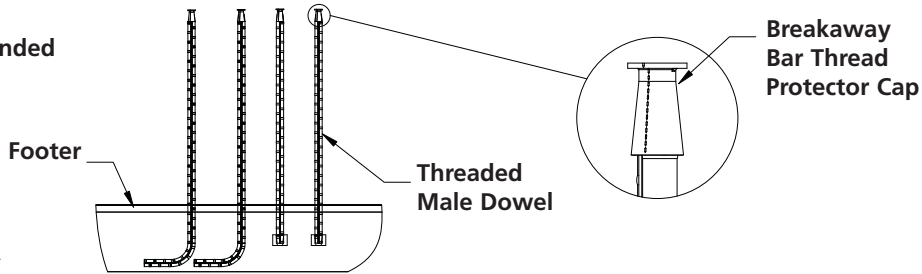


HOW IT WORKS

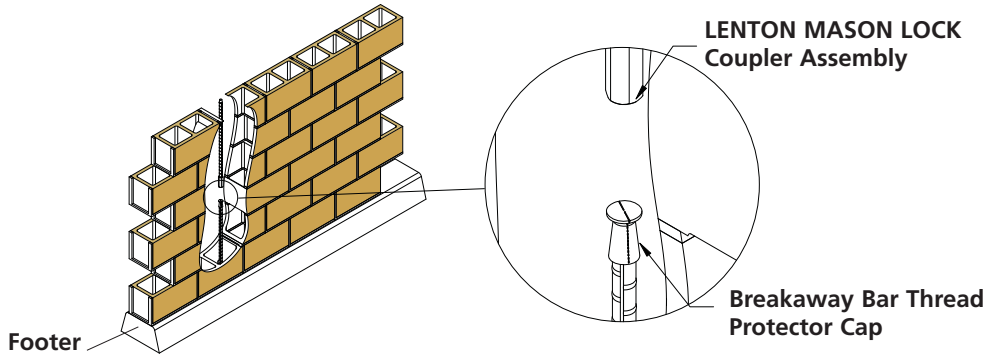
- 1) Place threaded male dowel into footer with the LENTON® taper-threaded end pointing upwards covered by a breakaway thread protector cap.

**Specify dowel length -
1/2 lift height recommended**

**Specify anchorage
detail for hook or
LENTON® TERMINATOR**

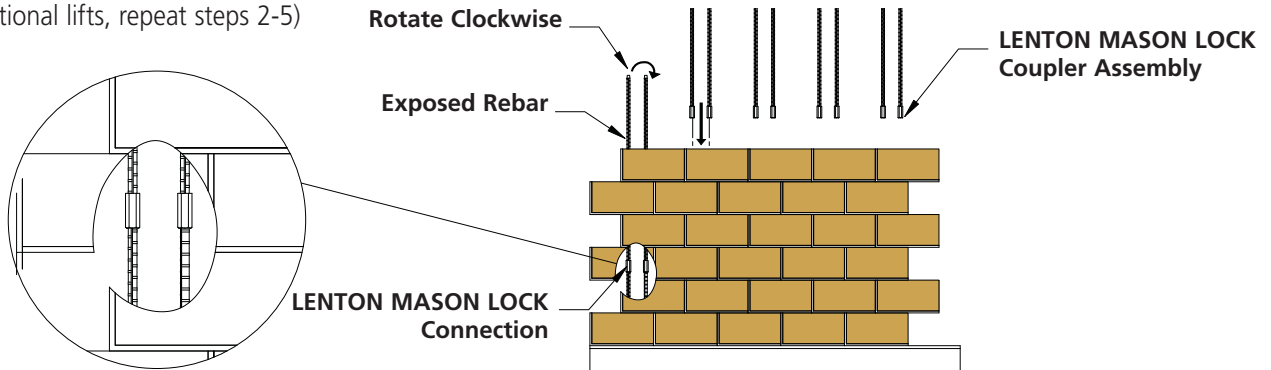


- 2) Install masonry block wall to heights or lifts that agree with current codes and standard practices. Recommended maximum dowel length is 8 feet.
- 3) From the top of the masonry wall, reach down using the LENTON® MASON LOCK assembly and tap the breakaway cap. The cap will break away, allowing the coupler to be threaded onto the rebar.



- 4) After the cap has broken away, hand tighten the LENTON MASON LOCK coupler assembly onto the protruding male dowel.
- 5) To complete the installation, grip the exposed length of rebar protruding from the top of the block wall with a pipe wrench. Tighten the LENTON MASON LOCK assembly in a clockwise rotation until tight. Refer to supplied installation instructions for recommended tightness.

(For additional lifts, repeat steps 2-5)



To Order: Contact ERICO® at 800-248-2677 or visit www.erico.com

WARNING
ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

ACI is a registered trademark of American Concrete Institute.
CSA is a registered trademark of The Canadian Standards Association Int'l.
ICC is a registered trademark of International Code Council.
International Building Code (IBC) is a registered trademark of International Code Council.
Uniform Building Code (UBC) is a registered trademark of International Conference of Building Officials.

Copyright ©2009 ERICO International Corporation. All rights reserved.
CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH, and LENTON are registered trademarks of ERICO International Corporation.