

# BT

## Brick Ties

Brick ties provide a connection between the wood structure and brick veneer.

The new, high-performance BTH brick tie is a tested solution for connecting masonry veneer to wood structures across airspaces from 2" to 3", providing the flexibility needed to meet the veneer spacing requirements.

The new BTH design adds strength and versatility, making this tie the ideal solution for varied jobsite conditions. It's field-adjustable in two places and can be installed with either side facing up.

Use existing Simpson Strong-Tie brick ties, BT and BTB, for 1" prescriptive code airspace requirement, or at a closer spacing for airspaces from 1" to 2".

**Material:** 22 gauge

**Finish:** Galvanized

**Installation:**

- Use all specified fasteners; see General Notes
- BTH — Can be installed bent up or bent down

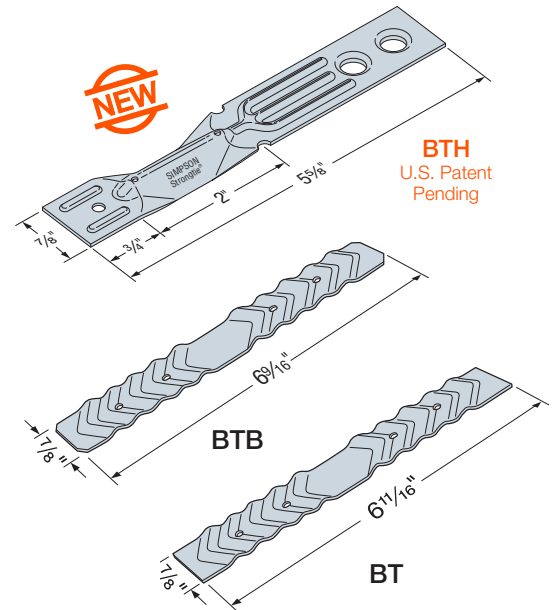
**Codes:** 2012 IRC R703.7.4; 2015 and 2018 IRC R703.8.4

**To Order:**

BT-R100 = retail pack of 100

BTB = bulk carton of 500

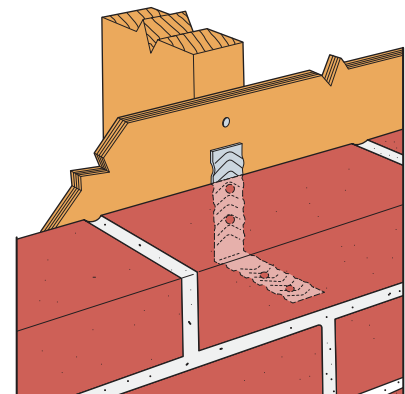
BTH = bulk carton of 500



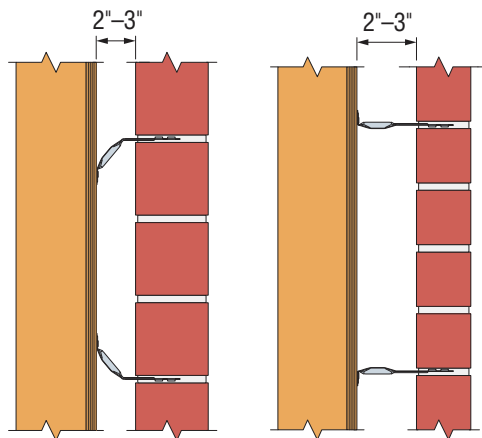
## Brick Tie Spacing Table

Model No.	Fastener (in.)	Airspace	Max. Wall Area (sq. ft.) Supported per Tie	Maximum Vertical Tie Spacing (in.)	
				Installation on Every Stud (16" o.c.)	Installation on Every Other Stud (32" o.c.)
BTB and BT	0.131 x 2 1/2	1"	2.67	24	12
		>1" to ≤ 2"	2.00	18	9
BTH	0.131 x 2 1/2	2"–3"	2.67	24	12

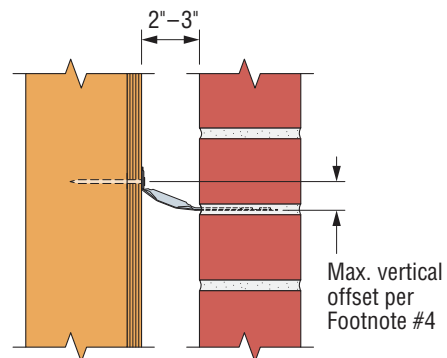
1. 1" airspace based on table R703.8.4(1) in 2018 IRC; airspaces larger than 1" are based on testing.
2. Spacing does not pertain to applications where wind pressures exceed 30 psf, or in seismic design categories listed in Section R703.8.4, 2018 IRC.
3. Embed ties per Section R703.8.4, 2018 IRC.
4. BTH maximum vertical offset from center of nail to the bottom of the horizontal leg is 1" for airspaces up to and including 2 3/4", and 3/4" for airspaces greater than 2 3/4" and up to 3".



Typical BT Installation



BTH adjusts for airspaces from 2"–3", and allows for minimum 1 1/2" mortar embedment.



Typical BTH Installation