

## Fastener Recommendations



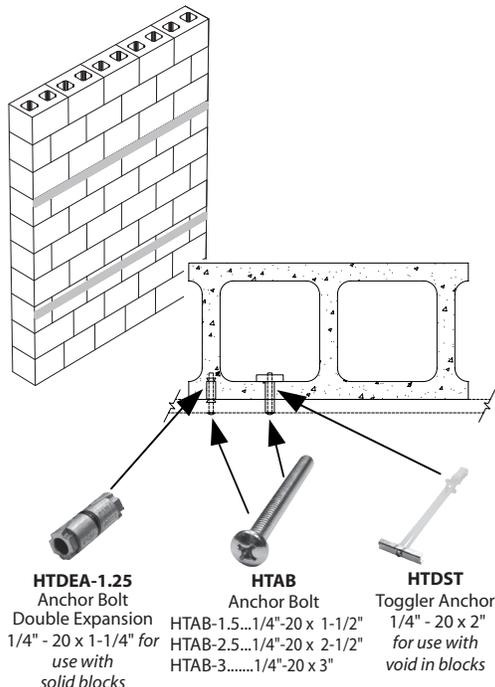
Do Not Use Tapcons

### Tools Required:

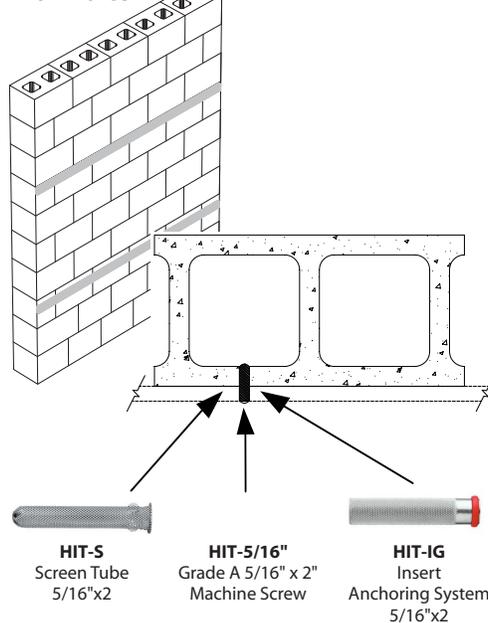
1/2" Drill Masonry Bit

Notice: elements by mediatechnologies® track require 6 fasteners per 96" section. Recommend fasteners for wall types listed below.

### Wall - Block concrete

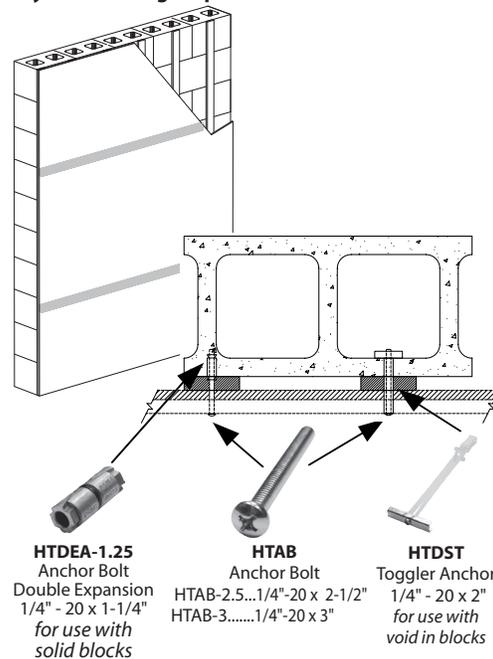


### Wall - Soft Block, Clay Tile or Brick with Holes

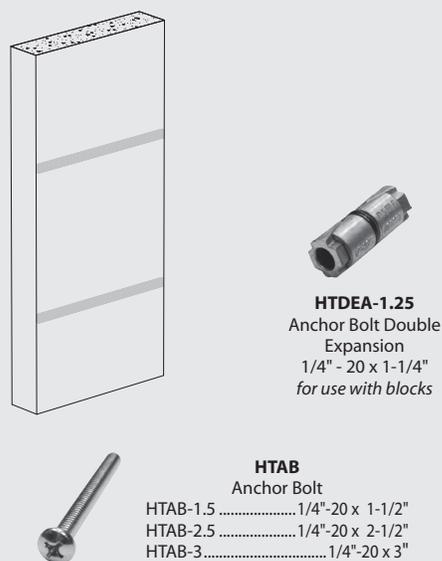


### Wall example -Block with furring strips

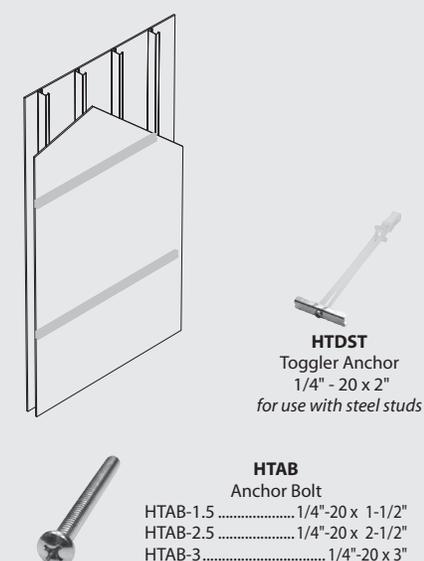
Try to hit furring strips



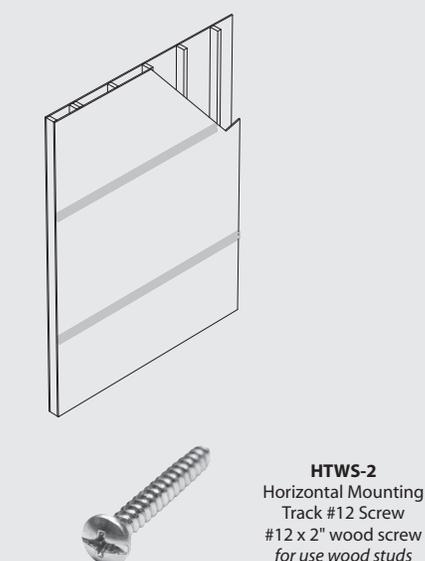
### Wall - Poured cement



### Wall - Steel studs with drywall



### Wall - Wood studs with drywall



For proper attachment of track to the wall, fasteners must tie directly into the substructure of the wall (studs, blocks, solid masonry) Select the appropriate fasteners for type of structural wall. A structural wall is a defined as a load-bearing wall constructed of materials such as: poured concrete, concrete block, or studs. Wood studs must be a nominal 2" x 4" size minimum. Metal studs must be "C" channel, 20-gauge thick minimum. Metal or wood studs must be on centers no greater than 16" and have maximum heights of 10' restrained at floor and ceiling. Interior walls shall be designed to resist not less than a force of 5 lbs. per square foot applied perpendicular to wall. The deflection of such walls under a load of 5 lbs. per square foot shall not exceed 1/400th of the span for walls with brittle finishes, and 1/124th of the span for walls with flexible finishes. If you have any questions concerning your load-bearing structures, please consult your architect or structural engineer.

## Fastener Ordering Form

Project Name \_\_\_\_\_  
 Project Representative \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 City State Zip

**To Send Purchase Order:**  
 Mail to: 892 Industrail Park Dr.  
 PO Box 159  
 Shelby, MI 44955  
 Fax to: 213.861.6678  
 Email to: sales@mediatechnologies.com

Recommended Fasteners					
Construction Type	Thumbnails	Size	Manufactures Model #	Our Model #	Quantity
<b>Steel Stud -for 1/2" to 3/4" drywall</b>					
BB Toggler (1/4" -20) Snaptoggle® Pkg of 10  (Use with 1/4" - 20 x 2 1/2" bolts)		1/4"-20	43321	HTDST	
<b>Wood Stud- for 1/4" to 5/8" drywall (meets or exceeds ANSI/ASME B18.6.4 and SAE J933)</b>					
Panhead sheet metal screw		#12 x 2"	PHPMS	HTWS-2	
<b>Solid Masonry</b>					
Double Expansion Anchor Bolt Powers® Fasteners Pkg of 50  (Use with 1/4" - 20 x 1 1/4" bolts)		1/4"-20	9510	HTDEA-1.25	
<b>Masonry Block</b>					
BB Toggler (1/4" -20) Snaptoggle® Pkg of 10  (Use with 1/4" - 20 x 2 1/2" bolts)		1/4"-20	43321	HTDST	
Double Expansion Anchor Bolt Powers® Fasteners Pkg of 50  (Use with 1/4" - 20 x 1 1/4" bolts)		1/4"-20	9510	HTDEA-1.25	
Hilti® Anchor System For Masonry Construction - Soft Brick, Block or Tile - HIT-S Screen Tube (10 pcs/Pkg) - HIT-I Insert 5/16" x 2" (10 pcs/Pkg) -Grade A 5/16" x 2" Machine Screw -HIT-HY 20 Masonry Adhesive- 1 tube		3 3/8" 5/16" x 2 5/16" x 2	00077810 00088397 00371959	HIT-S HIT-I HIT-5/16" HIT-HY 20	
<b>Anchor Bolts</b>					
Anchor Bolt- 1.5 Anchor Bolt- 2.5 Anchor Bolt- 3		1/4"-20x1-1/2" 1/4"-20x2-1/2" 1/4"-20x3"		HTAB-1.5 HTAB-2.5 HTAB-3	