

Embedded Truss Anchors

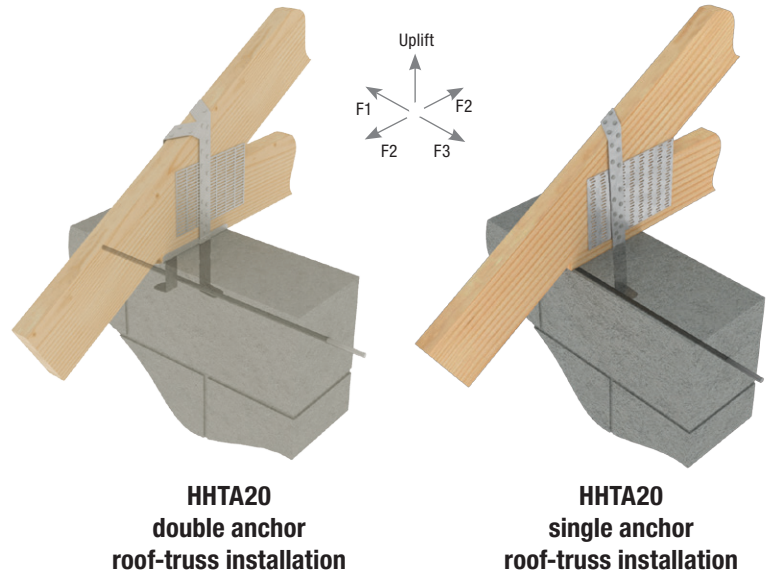
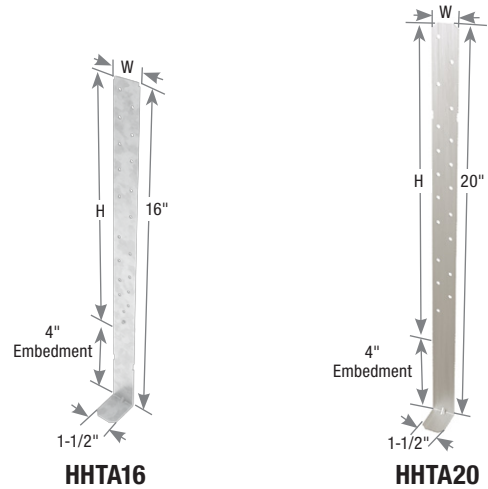
HHTA series

HHTA embedded truss anchors provide an engineered method to properly attach roof trusses to concrete and masonry. These 14 gauge anchors are perfect for applications requiring higher uplift.

Materials: 14 gauge
Finish: G90 galvanizing
Codes: FL17680

Installation:

- Install with nails specified in table.
- Embed 4" into concrete tie beam or masonry bond beam.
- **For double anchor installations:** the anchors should be installed on opposite sides of wood member and offset a minimum 3/4" from each other in bond beam or concrete tie beam.
- Designer may specify alternative nailing schedules. Refer to Nail Specification Table in MiTek Product Catalog for nail shear values. Load values shall not exceed published allowable loads.
- When using alternative nailing schedules, lowermost holes in strap shall be filled with nails progressing upwards towards the top of strap.
- Straps may be installed straight or wrapped over to achieve table loads.
- Moisture barrier will be required unless another moisture remediation method is used.



USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule		Installation Type ⁸	SP Allowable Loads (Lbs.) ^{1,2,3,4,5}							Ctn Qty
			W	H ⁷ (Out of Concrete)	Per Anchor			Masonry		Concrete		Lateral Loads			
					Min Qty. ⁶	Type ⁹		1 Ply	2 Ply	1 Ply	2 Ply	Masonry/Concrete (1 or 2 Ply)			
								Uplift 160%	Uplift 160%	Uplift 160%	Uplift 160%	F1 160%	F2 160%	F3 160%	
HHTA16	HHETA16	14	1-1/4	12	11	10d x 1-1/2	Single Anchor	2375	2375	2375	2375	270	710	945	50
								2650	2650	2650	2770	1215	1310	1215	
HHTA20	HHETA20	14	1-1/4	16	11	10d x 1-1/2	Single Anchor	2375	2375	2375	2375	270	710	945	
								2650	2650	2650	2770	1215	1310	1215	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) Allowable loads are based on anchorage to masonry/uncracked concrete.
 3) DF Allowable Uplift Load for Single Anchor installation is 2,200 lbs. All other allowable loads listed in this chart are identical for DF.
 4) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.
 5) Testing conducted and design values based on unreinforced masonry. Rebar in wall specified by others.
 6) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
 7) Height (H) is the distance the anchor extends out of concrete or masonry.
 8) Double anchor installation is permitted on 1-ply roof members when anchors are offset from each other a minimum of 3/4". Do not install anchors directly back-to-back or nails will interfere with each other.
 9) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long.