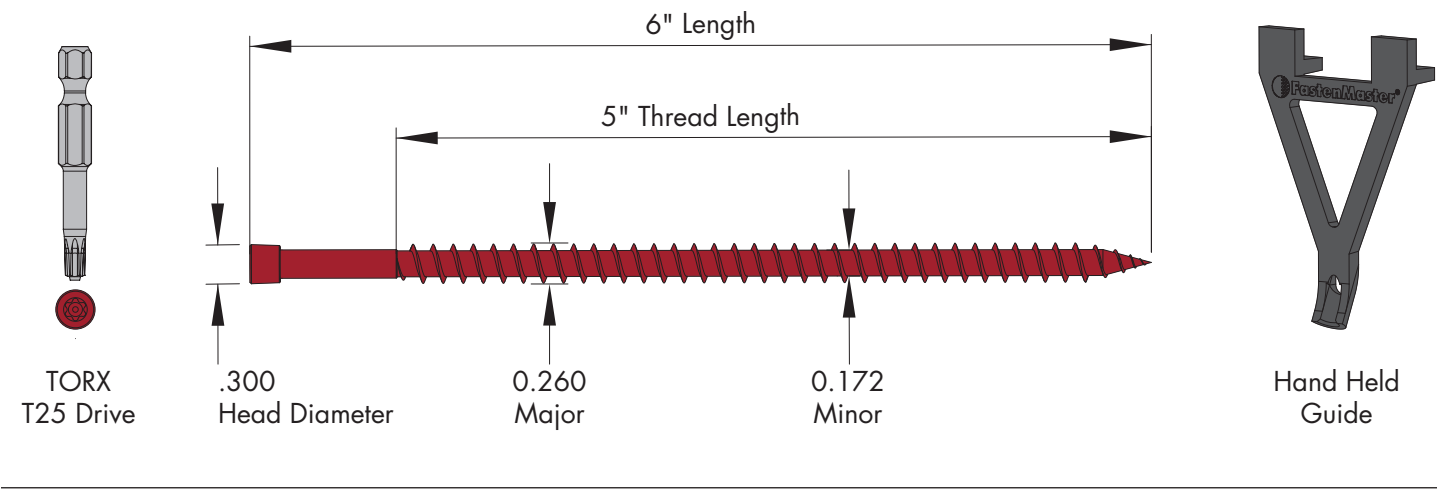


FrameFAST™ Product Specifications



The FrameFAST Screw is guaranteed not to rust or corrode for the life of the project.

The coating on this fastener has been tested in wood treatment chemicals, such as ACQ, and found to provide equivalent protection to code-approved hot-dipped galvanized coatings. Allowable design values for all continuous load path applications can be found in our published evaluation reports at FastenMaster.com. These reports, based on independent accredited third-party testing to ASTM and ICC-ES standards, can be used by design professionals to specify FrameFAST or substitute for existing connections.

Product Offerings	
Description	SKU
NEW 50 pc. box w/TORX ttap 2" drive bit	FMFFTT006-50
250 pc. bucket w/TORX ttap 2" & 6" drive bit	FMFFTT006B-250



SCAN for FrameFAST
Technical Report 1503.03

FMZ6185 (0726)



FastenMaster.com 800-518-3569

FrameFAST™
Structural Framing System

NEW Alignment Guide
Easy install with a
standard cordless driver

Changing the Way Framers Frame

The updated FrameFAST fastener is a heavy duty 6" framing screw engineered to secure roof trusses, deck joists, and carrying beams to vertical posts. One screw, multiple applications.

- **5x Faster:** Replaces commonly used hurricane ties and clips, installing in a fraction of the time¹.
- **ProjectLife™ Guarantee:** The performance and corrosion protection of FastenMaster FrameFAST is guaranteed for the life of the project. Approved for use in exterior applications including treated wood (ACQ). Not recommended for use in saltwater applications.
- **Easy to Install:** Featuring a TORX® ttap® drive system for wobble-free drive with no strip-outs. *available at FastenMaster.com*



Deck Joist to Carrying Beam



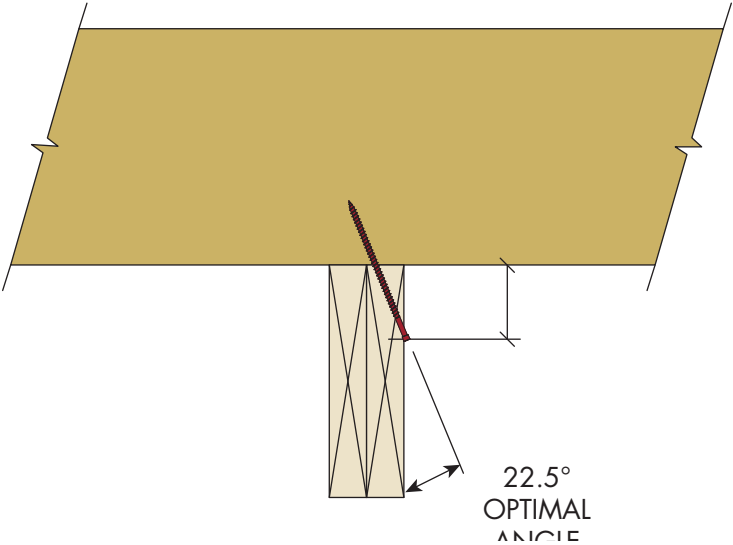
Post to Carrying Beam

Notes:

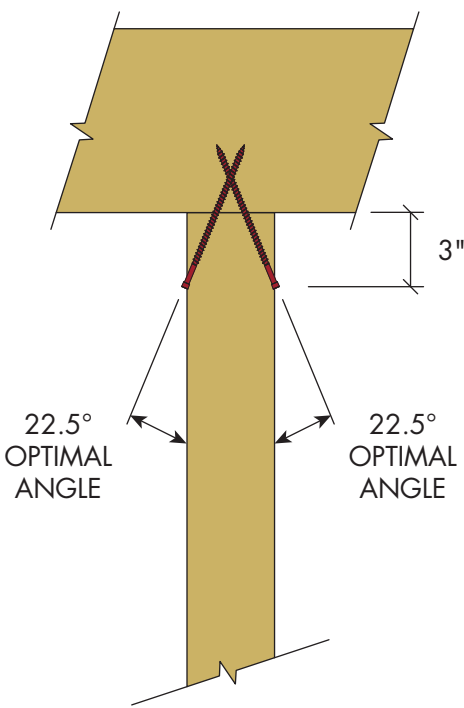
¹ Based on side-by-side comparison using traditional hurricane tie for securing roof trusses to wall plate in a wood framed structure versus FrameFAST truss-to-top-plate connection. Time study information available at FastenMaster.com



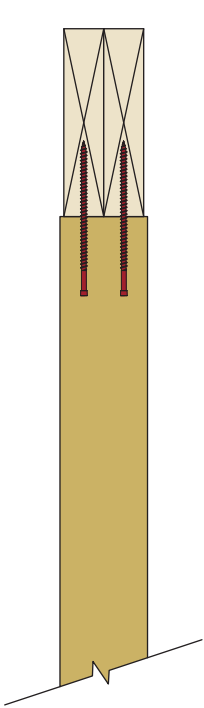
Deck Joist to Carrying Beam



Post to Beam

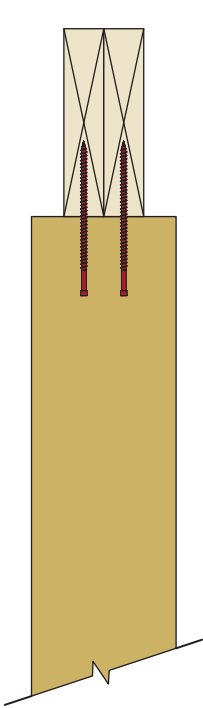


4x Post



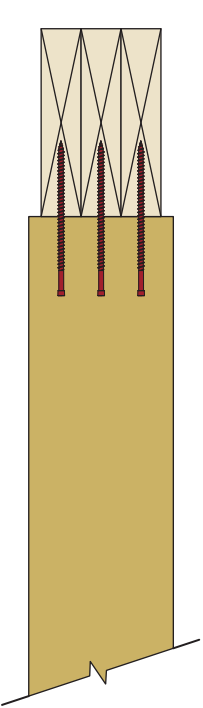
One fastener installed in each side of 4x post into sepertate beam plies

6x Post



Two fasteners installed on each side of 6x post into beam plies

6x Post



Two or three fasteners installed on each side of 6x post into beam plies

Joist, Truss & Rafter Allowable Loads

Fastener Designation	Minimum Penetration into Truss/Rafter/Wood Structural Support ⁸ (in)	Species Group (Specific Gravity) ^{1,2,3}	Uplift ^{4,5,6,8}	Lateral ^{4,8} (lb)		
				F1 Parallel to Beam (without Blocking)	F1 Parallel to Beam (with Blocking) ⁷	F2 Perpendicular to Beam
6" FMFF006	2-1/2"	SP (0.55)	950	285	650	485
		DF-L (0.50)	990	300	600	455
		SPF/HF (0.42)	780	330	520	400

SI: 1 in = 25.4 mm, 1 lb = 4.45 N

1. Wood truss, rafter, or floor joist members shall be a minimum of 2" nominal thickness. Design of truss, rafter, or floor joist members is by others.

2. Equivalent specific gravity of Structural Composite Lumber (SCL) shall be equal to or greater than the specific gravities provided in this table. Refer to product information from SCL manufacturer.

3. For applications involving members with different specific gravities, use the allowable load corresponding to the lowest specific gravity.

4. No further duration of load increases permitted (values listed correspond to Load Duration Factor of 1.6).

5. Use reduction factor of 0.80 when connecting each ply of multiply trusses to the top plate.

6. Fasteners installed perpendicular to the wood grain of the main member.

7. See Figure 4 and Figure 5 for blocking requirements between trusses, rafter, or floor joists.

8. Allowable uplift and lateral values are applicable for fastener installation with up to 3/8" of the head being left exposed (proud), as long as minimum embedment of 2-1/2" in the main member is maintained per Footnote #8.

Post to Beam Allowable Loads

Configuration	Number of Fasteners	Wood Species	Allowable Loads (lb)	
			Uplift	Lateral
Wood Species	2	SP (0.55)	2,130	1,055
		DF-L (0.50)	1,790	960
		SPF (0.42)	1,090	910
3-Ply Beam	4	SP (0.55)	3,405	1,690
		DF-L (0.50)	2,865	1,535
		SPF (0.42)	1,740	1,460
3-Ply Beam	6	SP (0.55)	5,105	2,535
		DF-L (0.50)	4,300	2,305
		SPF (0.42)	2,610	2,190

SI: 1 lb = 4.45 N

1. For applications involving members with different specific gravities, use the allowable load corresponding to the lowest specific gravity.

2. Dimensional lumber members shall be minimum of 2" nominal thickness.

3. Design values are based on a load duration factor, CD, of 1.6. No further duration of load increases permitted. Reduced design values for other load durations as applicable.

4. Use a reduction factor of 0.80 when connecting each ply of multi-ply beams to the post.