

NEW! PFCB and PFC post frame column base brackets and angles



Galvanized durability without through-bolts

The PFCB and PFC post frame column base brackets and angles are our latest innovations for our expanding line of post frame construction solutions. To improve installation speed compared to conventional products, these connectors are supplied with Simpson Strong-Tie® Strong-Drive® SDS Heavy Duty Connector screws and don't require through-bolting. Manufactured from heavy-gauge steel, and featuring large corner embossments or edge stiffeners, our connectors provide best-in-class, tested and code-listed uplift and shear loads. PFCB and PFC connectors are also G90 galvanized for superior corrosion protection versus competitors' painted products. The PFCB brackets are available in a range of sizes to accommodate glulam, nail-lam and planed nail-lam widths for 2x6, 2x8 and larger built-up posts. Except for the PFC3, all connectors come with a built-in washer, minimizing the chance of losing or misplacing this item.



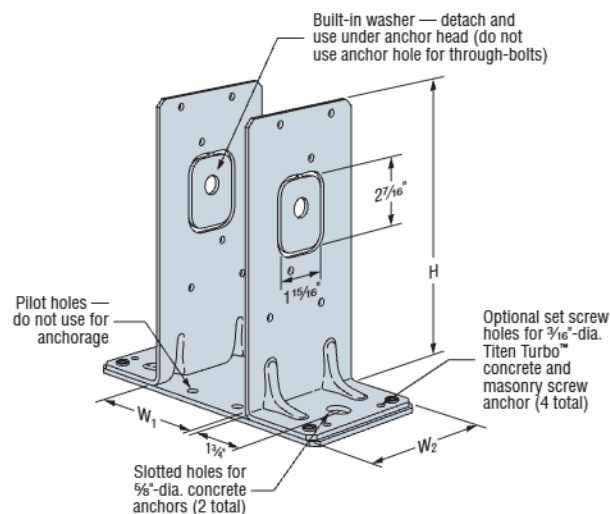
Key Benefits

- Galvanized coating offers more robust corrosion protection than a painted finish.
- No through-bolting required. SDS screws provide a better, more intuitive installation experience.
- Built-in washers help prevent jobsite loss and are easily removed by hand.
- Industry leading uplift capacities via heavy-duty steel construction, large corner embossments/stiffeners and value engineered anchorage tables.
- Wide product range covers glulam, nail-lam, planed nail-lam and solid sawn post sizes.
- Fully tested and code listed to ensure strength, durability and peace of mind for specifiers and builders.

Material: PFCB, PFC5, PFC6.5 — 8 gauge; PFC3 — 10 gauge

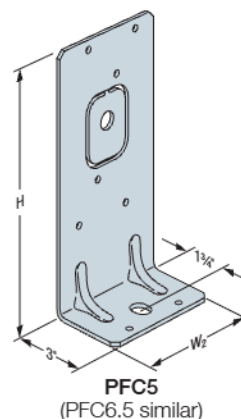
Finish: Galvanized — HDG and black powder coat available by special order

Codes: Visit strongtie.com for the latest load values and testing information



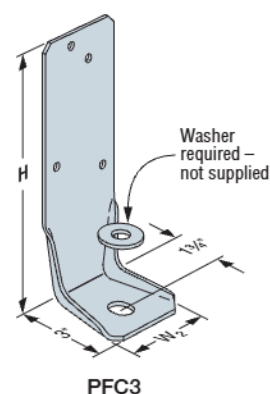
PFCB

Patents/Patent pending, strongtie.com/patents



PFC5

(PFC6.5 similar)

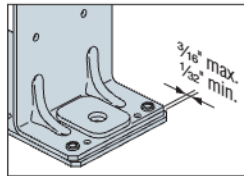


PFC3

PFCB and PFC post frame column base brackets and angles

Installation

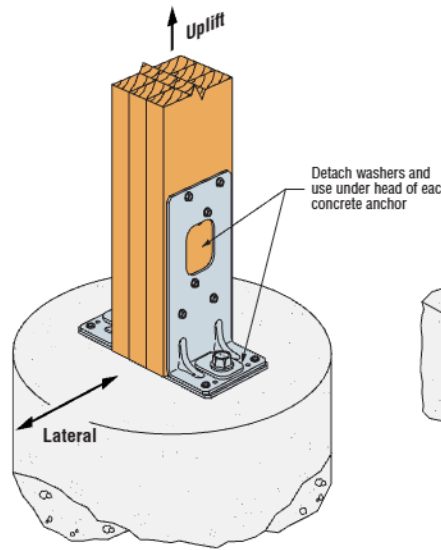
- Use all specified fasteners/anchors.
- Before drilling concrete and driving anchor screws/bolts, optional temporary mounting holes are provided for the PFCB, PFC5, and PFC6.5 to temporarily secure connectors to the concrete foundation.
- For PFCB, PFC5, and PFC6.5, detach the built-in washers and use under the head of each concrete anchor. Reference additional accompanying installation images for correct washer placement.
- Do not use PFCB pilot holes for concrete anchorage.



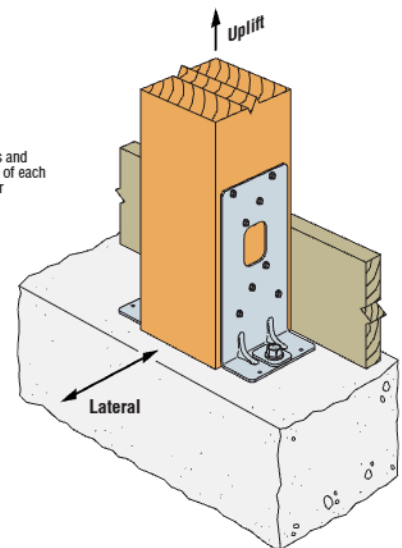
Correct Washer Placement



Incorrect Washer Placement



Typical PFCB-26-3A Installation on Concrete Pier
(Other foundation types/
PFCB models similar)



Typical PFC6.5 Installation for 8x8 Post on Concrete Slab
(Other foundation types/
PFC models/
post sizes similar)

Connector Allowable Loads

Model No.	Dimensions (in.)			Fasteners (in.)	Min. Nominal Column Size	Allowable DF/SP Connector Loads (lb.)		Allowable SPF/HF Connector Loads (lb.)	
	W1	W2	H			Uplift (160)	Lateral (160)	Uplift (160)	Lateral (160)
PFC3-SDS	—	2 $\frac{3}{16}$	8	(8) $\frac{1}{4}$ x 3 SDS	4x4	4,150	955	3,725	840
PFC5-SDS	—	5	9 $\frac{7}{8}$	(12) $\frac{1}{4}$ x 3 SDS	4x6	5,980	1,880	5,180	1,625
PFC6.5-SDS	—	6 $\frac{1}{2}$	12	(16) $\frac{1}{4}$ x 3 SDS	4x8	6,740	2,270	6,685	1,965
PFCB-26-3A-SDS	4 $\frac{3}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	3-ply 2x6 glulam	5,980	2,395	5,180	2,075
PFCB-26-3B-SDS	4 $\frac{3}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	3-ply 2x6 planed nail-lam				
PFCB-26-3C-SDS	4 $\frac{3}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	3-ply 2x6				
PFCB-26-4A-SDS	5 $\frac{3}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	4-ply 2x6 glulam	5,980	2,395	5,180	2,075
PFCB-26-4B-SDS	5 $\frac{3}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	4-ply 2x6 planed nail-lam				
PFCB-26-4C-SDS	6 $\frac{1}{16}$	5	10 $\frac{1}{16}$	(12) $\frac{1}{4}$ x 3 SDS	4-ply 2x6				
PFCB-28-3A-SDS	4 $\frac{3}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	3-ply 2x8 glulam	6,740	2,800	6,685	2,500
PFCB-28-3B-SDS	4 $\frac{3}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	3-ply 2x8 planed nail-lam				
PFCB-28-3C-SDS	4 $\frac{3}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	3-ply 2x8				
PFCB-28-4A-SDS	5 $\frac{3}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	4-ply 2x8 glulam	6,740	2,800	6,685	2,500
PFCB-28-4B-SDS	5 $\frac{3}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	4-ply 2x8 planed nail-lam				
PFCB-28-4C-SDS	6 $\frac{1}{16}$	6 $\frac{1}{2}$	12 $\frac{3}{16}$	(16) $\frac{1}{4}$ x 3 SDS	4-ply 2x8				

1. Allowable loads have been increased for wind or earthquake loading with no further increase allowed. Reduce where other loads govern.
2. PFC3, PFC5, and PFC6.5 allowable loads and fastener count are listed for a pair of parts on opposite faces.
3. Specifier is responsible for design of concrete and anchorage. See "Anchorage-to-Concrete" table for allowable uplift values based on anchorage calculations for specific foundation/anchor combinations.
4. PFC3 requires standard cut washer with anchor (not included). All other models include required washer(s) with part for use with $\frac{5}{8}$ " anchors.
5. If $\frac{1}{2}$ "-diameter anchors are used, multiply allowable uplift value by 0.75 for PCF3 and 0.9 for all other models. Additional $\frac{1}{2}$ " cut washer is required on top of included plate washer.
6. Planed nail-lam sizes are intended for manufacturers targeting 1 $\frac{1}{16}$ " laminate thickness. Glulam sizes are for glulam lumber targeting 1 $\frac{1}{8}$ " laminate thickness.
7. **Fasteners:** SDS screws are Simpson Strong-Tie® Strong Drive® SDS Heavy-Duty Connector screws.
8. For loading simultaneously in more than one direction, the allowable load must be evaluated using the following equation:

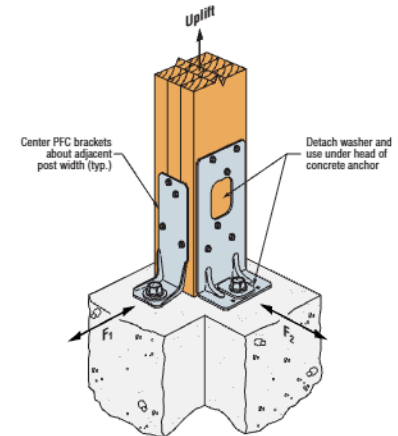
$$(\text{Design Uplift} / \text{Allowable Uplift}) + (\text{Design Lateral} / \text{Allowable Lateral}) \leq 1.0.$$

PFCB and PFC post frame column base brackets and angles

Corner Condition Connector Allowable Loads

Model(s)	Fasteners (in.)	Min. Nominal Column Size	Allowable DF/SP Connector Loads (lb.)			Allowable SPF/HF Connector Loads (lb.)		
			Uplift (160)	F1 (160)	F2 (160)	Uplift (160)	F1 (160)	F2 (160)
PFC3-SDS + PFC5-SDS	(10) ¼ x 3 SDS	4x6	5,065	1,475	1,635	4,453	1,285	1,410
PFC3-SDS + PFC6.5-SDS	(12) ¼ x 3 SDS	4x8	5,445	1,705	1,635	5,205	1,495	1,410

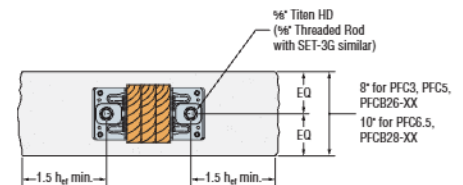
- Allowable loads have been increased for wind or earthquake loading with no further increase allowed. Reduce where other loads govern.
- Specifier is responsible for design of concrete and anchorage.
- PFC3 requires standard cut washer with anchor (not included). All other models include required washer(s) with part for use with ½" anchors.
- If ½"-diameter anchors are used, multiply allowable uplift value by 0.83. Additional ½" cut washer is required on top of included plate washer.
- Fasteners:** SDS screws are Simpson Strong-Tie® SDS Heavy-Duty Connector screws.
- For loading simultaneously in more than one direction, the allowable load must be evaluated using the following equation: (Design Uplift / Allowable Uplift) + (Design Lateral / Allowable Lateral) ≤ 1.0.



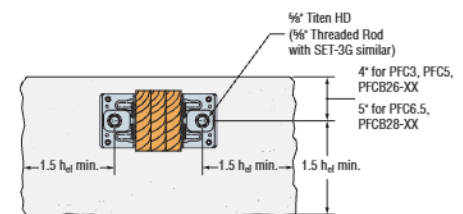
Typical PFC3+PFC5 Corner Installation on Concrete Stem Wall
(Other foundation types/PFC models similar)

Allowable Anchorage Loads (lb.)

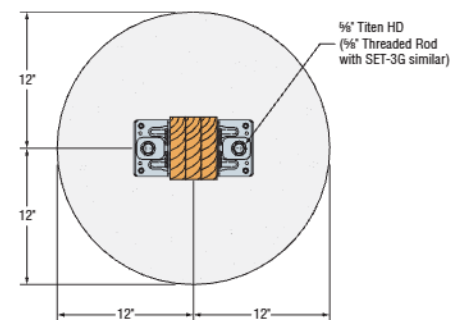
Model No.	Anchor	Uncracked Concrete						Cracked Concrete					
		Allowable Loads for Stem Wall		Allowable Loads for Turndown Edge		Allowable Loads for Concrete Pier		Allowable Loads for Stem Wall		Allowable Loads for Turndown Edge		Allowable Loads for Concrete Pier	
		Uplift	Shear	Uplift	Shear	Uplift	Shear	Uplift	Shear	Uplift	Shear	Uplift	Shear
PFC3	¾" x 6" Titen HD®	3,580	3,065	4,640	3,065	5,090	3,240	2,545	2,190	2,890	2,190	2,890	2,315
	¾" threaded rod w/ SET-3G®	3,180	3,170	5,070	3,170	5,065	3,505	2,585	2,265	4,475	2,265	4,065	2,500
PFC5	¾" x 6" Titen HD	3,580	3,065	4,640	3,065	5,090	3,240	2,545	2,190	2,890	2,190	2,890	2,315
	¾" threaded rod w/ SET-3G	3,180	3,170	5,070	3,170	5,065	3,505	2,585	2,265	4,475	2,265	4,065	2,500
PFC6.5	¾" x 6" Titen HD	4,715	3,460	5,090	3,460	5,090	3,240	2,890	2,475	2,890	2,475	2,890	2,315
	¾" threaded rod w/ SET-3G	4,135	4,095	5,695	4,095	5,065	3,505	3,335	2,925	5,025	2,925	4,065	2,500
PFCB-26-3	¾" x 6" Titen HD	3,705	3,180	4,800	3,180	5,090	3,310	2,630	2,270	2,890	2,270	2,890	2,365
	¾" threaded rod w/ SET-3G	3,270	3,285	5,215	3,285	5,205	3,570	2,645	2,345	4,605	2,345	4,175	2,550
PFCB-26-4	¾" x 6" Titen HD	3,955	3,400	5,090	3,400	5,090	3,235	2,805	2,425	2,890	2,425	2,890	2,310
	¾" threaded rod w/ SET-3G	3,445	3,510	5,495	3,510	5,050	3,495	2,765	2,510	4,850	2,510	4,055	2,500
PFCB-28-3	¾" x 6" Titen HD	4,880	3,580	5,090	3,580	5,090	3,310	2,890	2,560	2,890	2,560	2,890	2,365
	¾" threaded rod w/ SET-3G	4,255	4,225	5,855	4,225	5,205	3,570	3,415	3,015	5,165	3,015	4,175	2,550
PFCB-28-4	¾" x 6" Titen HD	5,090	3,815	5,090	3,815	5,090	3,235	2,890	2,725	2,890	2,725	2,890	2,310
	¾" threaded rod w/ SET-3G	4,485	4,475	6,170	4,475	5,050	3,495	3,570	3,195	5,445	3,195	4,055	2,500



Typical Anchorage for Stem Wall



Typical Anchorage for Turndown Edge



Typical Anchorage for Pier

- Allowable load for design shall not exceed minimum of Connector Only value and Anchorage-to-Concrete values above.
- Allowable loads are calculated per ACI 318-19 with reference to cracked and uncracked concrete with no supplementary reinforcing and are qualified for Wind and Seismic Design Categories A&B. Values are converted to ASD with a conversion factor of 1.67.
- Concrete shall have a minimum compressive strength $f'_c = 2,500$ psi.
- Minimum concrete thickness required = 12" for THD and 18" for SET-3G.
- Values and foundation sizes provided are for anchorage limits only. Foundation design (size and reinforcement) must be performed separately by designer.
- PFC3, PFC5, and PFC6.5 allowable loads are for a pair of parts on opposite faces. Values listed are based on a minimum column width of 3½" and maximum column width of 6".
- Allowable uplift loads result in anchor tension forces which are amplified by a factor of 1.5 due to prying amplification. Prying amplification is considered in this table and used for limit states of anchor steel tension and pullout.
- Anchors:** Anchors are ¾" x 6" Simpson Strong-Tie® Titen HD heavy-duty screw anchors with a hex head. Minimum nominal embedment depth is 5½". For exterior conditions, a mechanically galvanized model (THDB62600HMG) is available. Simpson Strong-Tie SET-3G anchoring adhesive anchors assume 7½" minimum embedment with a ¾" A36 or F1554 Gr. 36 anchor rod (RFB#5X10).
- See illustrations for concrete size / edge distance assumptions for the cases listed in the table. For conditions with different anchor products, edge distances, concrete dimensions, incidental offset from centerline, etc. — values may change and require a separate calculation by the designer.
- For loading simultaneously in more than one direction, the allowable load must be evaluated using the following equation: $(\text{Design Uplift} / \text{Allowable Uplift})^{5/3} + (\text{Design Shear} / \text{Allowable Shear}) \leq 1.0$.

Finish faster with a code-listed, corrosion-resistant anchor.



The Simpson Strong-Tie® Titen HD® heavy-duty mechanically galvanized screw anchor.

Build anchoring strength indoors and out with the Titen HD heavy-duty mechanically galvanized screw anchor. Now code listed for exterior use, Titen HD is designed for cracked and uncracked concrete, as well as uncracked masonry. It's a highly-versatile anchoring solution for sill plates, ledgers, post bases, seating and other wood or metal-to-concrete applications. For post frame construction, pair Titen HD with our PFCB and PFC post frame column base brackets and angles for a complete solution that delivers strength and simplifies installation. Titen HD also is easy to remove, making it ideal for temporary jobs like bracing and formwork, or when relocating a fixture.

Contact your representative to place an order. To learn more, visit go.strongtie.com/THDMG or call (800) 999-5099.

SIMPSON

Strong-Tie®

Anchoring Solutions | Products, Software and Service for Smarter Building

This flier is effective until June 30, 2028, and reflects information available as of April 1, 2026. This information is updated periodically and should not be relied upon after June 30, 2028. Contact Simpson Strong-Tie for current information and limited warranty or see strongtie.com.

© 2026 Simpson Strong-Tie Company Inc. • P.O. Box 10789, Pleasanton, CA 94588

F-OS-PFCB26 4/26 exp. 6/28

(800) 999-5099
strongtie.com