



# 2019 PRODUCT GUIDE

**BUILD BETTER. BUILD STRONGER. BUILD TO LAST.**

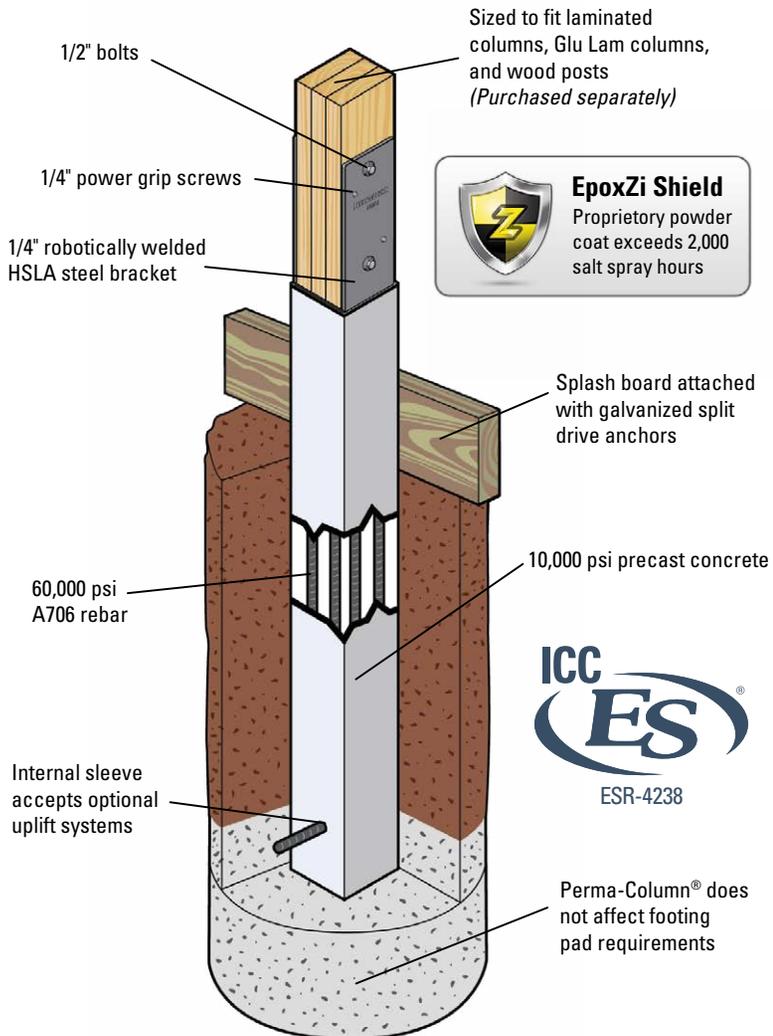


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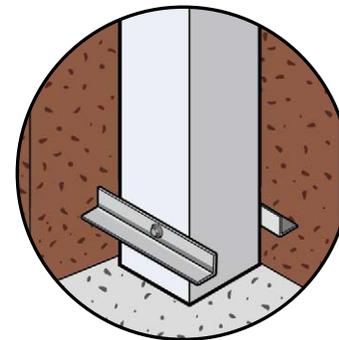


# PRECAST CONCRETE COLUMNS

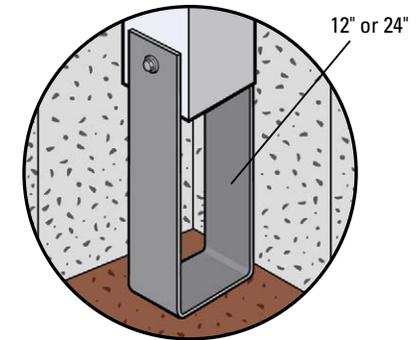
ICC-certified Perma-Column® precast concrete columns elevate wood out of the ground, ensuring your building's foundation will never rot. They combine the economy of post-frame construction with the durability of a concrete foundation. They are constructed of 100% American-made 1/4" steel finished with a tough powder coat, 1/2" grade 60 rebar, and 10,000 psi concrete.



Model ID	Type	Bracket height	Description	Weight (lbs.)
PC4600	4" x 6"	13"	3-5/8" pocket fits 4" x 6" post	135
PC6300	3-Ply 6"	13"	4-5/8" pocket fits 3-Ply 6" laminated column	165
PC6400	4-Ply 2" x 6"	18"	6-1/8" pocket fits 4-Ply 6" laminated column	215
PC6600	6" x 6"	13"	5-5/8" pocket fits 6" x 6" post	196
PC8300	3-Ply 2" x 8"	18"	4-5/8" pocket fits 3-Ply 8" laminated column	235
PC8400	4-Ply 2" x 8"	18"	6-1/8" pocket fits 4-Ply 8" laminated column	290
PC8500	5-Ply 2" x 8"	18"	7-5/8" pocket fits 5-Ply 8" laminated column	345



OPTIONAL UPLIFT ANCHORS\*



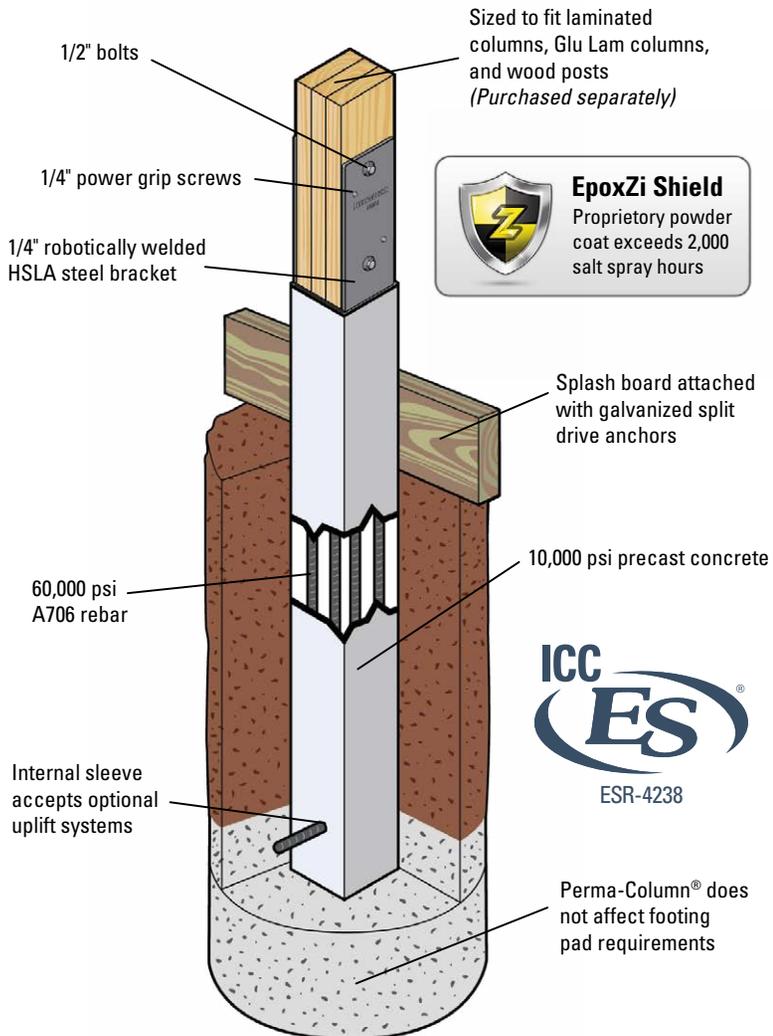
OPTIONAL COLUMN EXTENDER\*

\*Uplift kits and hardware sold separately. Don't forget concrete nails (Item HW28) to attach the treated base board.

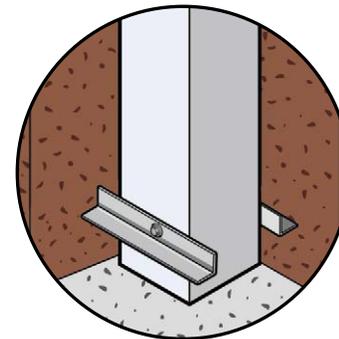
# PRECAST CONCRETE COLUMNS

GLU LAM

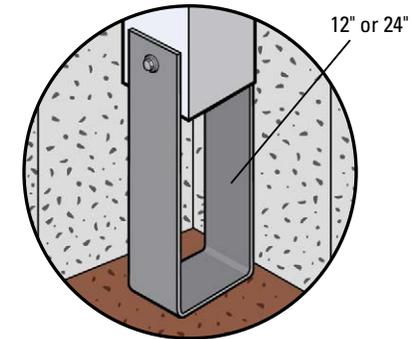
ICC-certified Perma-Column® precast concrete columns elevate wood out of the ground, ensuring your building's foundation will never rot. They combine the economy of post-frame construction with the durability of a concrete foundation. They are constructed of 100% American-made 1/4" steel finished with a tough powder coat, 1/2" grade 60 rebar, and 10,000 psi concrete.



Model ID	Type	Bracket height	Description	Weight (lbs.)
PC6300GL	3-Ply 6"	13"	4-3/16" pocket fits 3-Ply 6" laminated column	165
PC6400GL	4-Ply 2" x 6"	18"	5-9/16" pocket fits 4-Ply 6" laminated column	215
PC8300GL	3-Ply 2" x 8"	18"	4-3/16" pocket fits 3-Ply 8" laminated column	235
PC8400GL	4-Ply 2" x 8"	18"	5-9/16" pocket fits 4-Ply 8" laminated column	290
PC8500GL	5-Ply 2" x 8"	18"	6-15/16" pocket fits 5-Ply 8" laminated column	345



OPTIONAL UPLIFT ANCHORS\*



OPTIONAL COLUMN EXTENDER\*

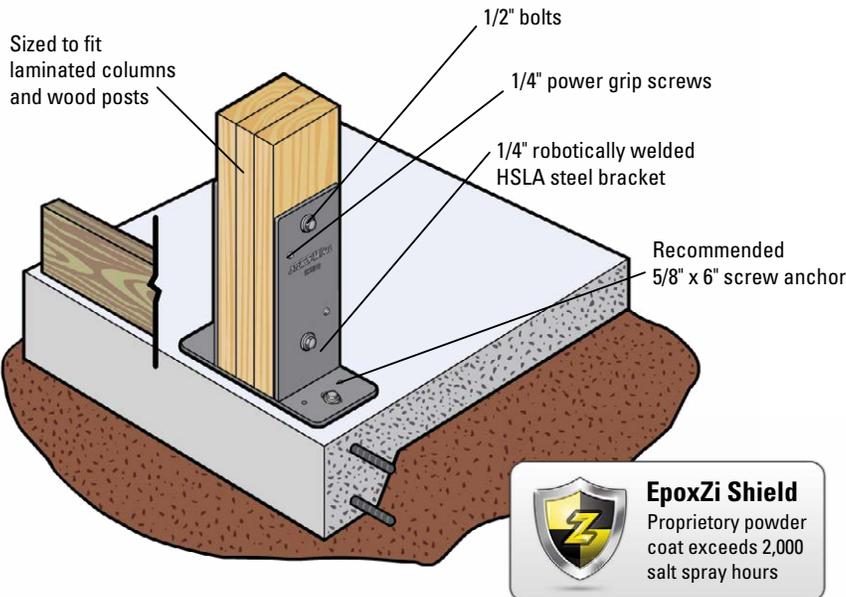
\*Uplift kits and hardware sold separately. Don't forget concrete nails (Item HW28) to attach the treated base board.

# STURDI-WALL® ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. Sturdi-Wall® anchor brackets are constructed of 100% American-made 1/4" steel, robotically welded, and finished with a tough powder coat. Install these engineered wall brackets with a masonry drill bit and concrete anchors.\*



## DRILL SET



Model ID	Type	Bracket height	Description	Weight (lbs.)
SW46	4" x 6"	13"	3-5/8" pocket fits 4" x 6" post	13
SW60	6" universal	13"	Used in pairs to fit odd-sized columns, or alone at corners and doors	6
SW63	3-Ply 6"	13"	4-5/8" pocket fits 3-Ply 6" laminated column	13
SW64	4-Ply 6"	13"	6-1/8" pocket fits 4-Ply 6" laminated column	13
SW66	6" x 6"	13"	5-5/8" pocket fits 6" x 6" post	13
SW80	8" universal	18"	Used in pairs to fit odd-sized columns, or alone at corners and doors	10
SW83	3-Ply 8"	18"	4-5/8" pocket fits 3-Ply 8" laminated column	24
SW84	4-Ply 8"	18"	6-1/8" pocket fits 4-Ply 8" laminated column	24
SW85	5-Ply 8"	18"	7-5/8" pocket fits 5-Ply 8" laminated column or 8" x 8" post	26
SW88	8" x 8"	18"	8-1/8" pocket fits 8" x 8" architectural post	27

\*Hardware sold separately.

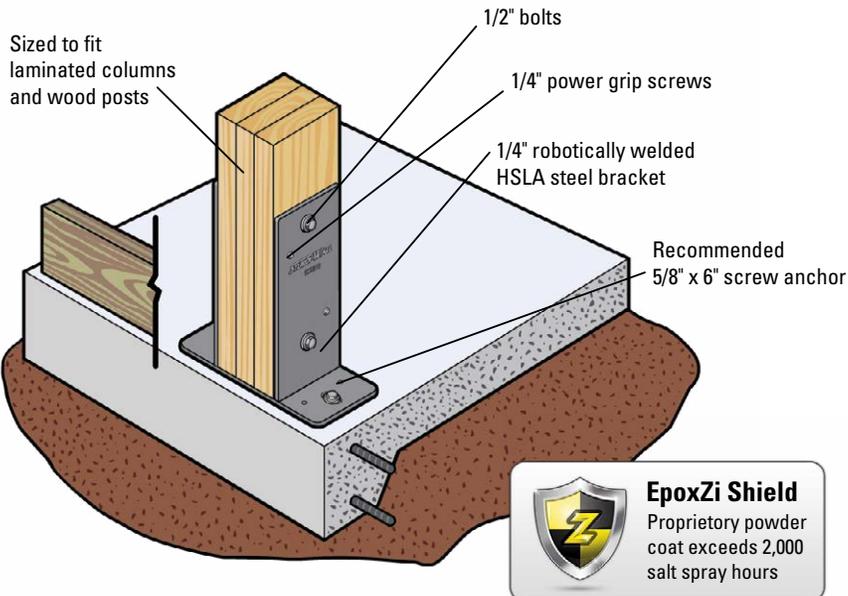
**STURDI-WALL**  
ANCHOR BRACKETS

# STURDI-WALL® ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. Sturdi-Wall® anchor brackets are constructed of 100% American-made 1/4" steel, robotically welded, and finished with a tough powder coat. Install these engineered wall brackets with a masonry drill bit and concrete anchors.\*



## DRILL SET



Model ID	Type	Bracket height	Description	Weight (lbs.)
SW60	6" universal	13"	Used in pairs to fit odd-sized columns, or alone at corners and doors	6
SW63GL	3-Ply 6"	13"	4-3/16" pocket fits 3-Ply 6" laminated column	13
SW64GL	4-Ply 6"	13"	5-9/16" pocket fits 4-Ply 6" laminated column	13
SW80	8" universal	18"	Used in pairs to fit odd-sized columns, or alone at corners and doors	10
SW83GL	3-Ply 8"	18"	4-3/16" pocket fits 3-Ply 8" laminated column	24
SW84GL	4-Ply 8"	18"	5-9/16" pocket fits 4-Ply 8" laminated column	24
SW85GL	5-Ply 8"	18"	6-15/16" pocket fits 5-Ply 8" laminated column or 8" x 8" post	26

\*Hardware sold separately.

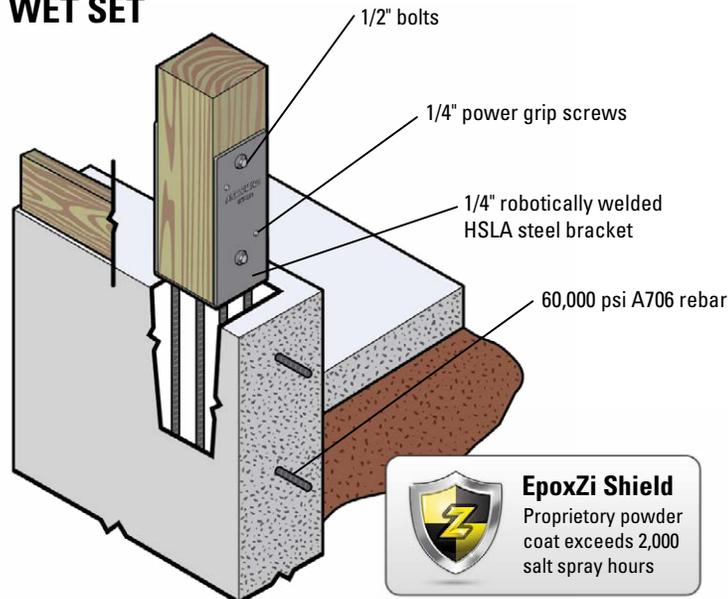
**STURDI-WALL**  
ANCHOR BRACKETS

# STURDI-WALL® PLUS ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. Sturdi-Wall® Plus anchor brackets are constructed of 100% American-made 1/4" steel, robotically welded, and finished with a tough powder coat. Provides the highest ultimate strength connection to your foundation but requires installation while concrete is still wet.\*



## WET SET



**Epoxi Shield**  
Proprietary powder coat exceeds 2,000 salt spray hours

Model ID	Type	Bracket height	Description	Weight (lbs.)
<b>SWP46</b>	4" x 6"	13"	3-5/8" pocket fits 4" x 6" post	16
<b>SWP63</b>	3-Ply 6"	13"	4-5/8" pocket fits 3-Ply 6" laminated column	16
<b>SWP66</b>	6" x 6"	13"	5-5/8" pocket fits 6" x 6" post	17
<b>SWP64</b>	4-Ply 6"	18"	6-1/8" pocket fits 4-Ply 6" laminated column	21
<b>SWP83</b>	3-Ply 8"	18"	4-5/8" pocket fits 3-Ply 8" laminated column	27
<b>SWP84</b>	4-Ply 8"	18"	6-1/8" pocket fits 4-Ply 8" laminated column	28
<b>SWP85</b>	5-Ply 8"	18"	7-5/8" pocket fits 5-Ply 8" laminated column or 8" x 8" post	29
<b>SWP88</b>	8" x 8"	18"	8-1/8" pocket fits 8" x 8" architectural post	30

\*Hardware sold separately.



**STURDI-WALL**  
ANCHOR BRACKETS

# STURDI-WALL® PLUS ANCHOR BRACKETS

GLU LAM

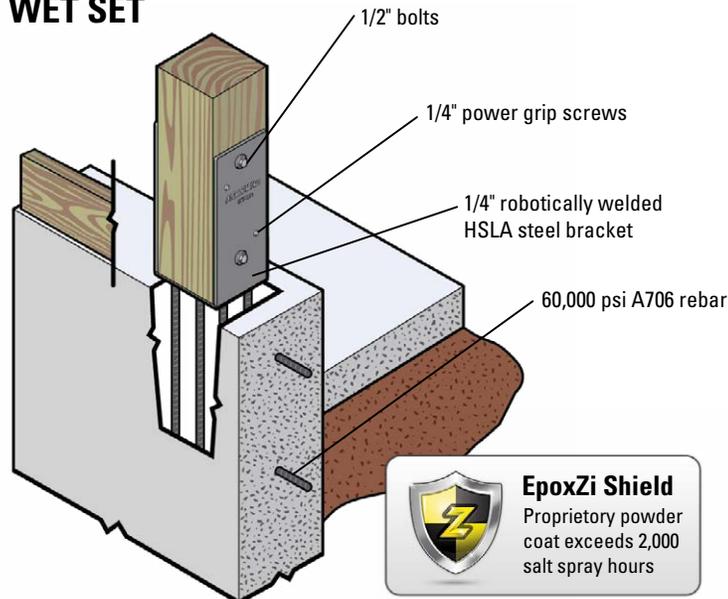
The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. Sturdi-Wall® Plus anchor brackets are constructed of 100% American-made 1/4" steel, robotically welded, and finished with a tough powder coat. Provides the highest ultimate strength connection to your foundation but requires installation while concrete is still wet.\*



Model ID	Type	Bracket height	Description	Weight (lbs.)
SWP63GL	3-Ply 6"	13"	4-3/16" pocket fits 3-Ply 6" laminated column	16
SWP64GL	4-Ply 6"	18"	5-9/16" pocket fits 4-Ply 6" laminated column	21
SWP83GL	3-Ply 8"	18"	4-3/16" pocket fits 3-Ply 8" laminated column	27
SWP84GL	4-Ply 8"	18"	5-9/16" pocket fits 4-Ply 8" laminated column	28
SWP85GL	5-Ply 8"	18"	6-15/16" pocket fits 5-Ply 8" laminated column or 8" x 8" post	29

\*Hardware sold separately.

## WET SET



**STURDI-WALL**  
ANCHOR BRACKETS

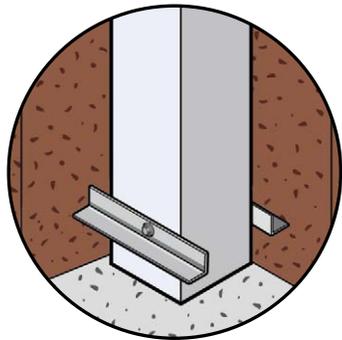
# PRECAST CONCRETE DECK POSTS

Protect your deck investment with precast concrete deck posts from Perma-Column®.  
ICC-certified Perma-Column® precast deck posts install fast and are built to last.

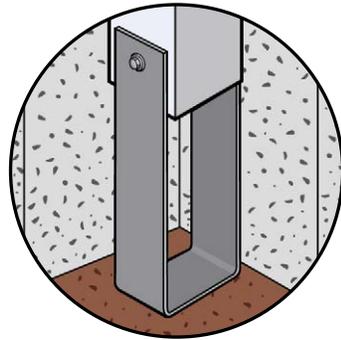


Model ID	Type	Description	Weight (lbs.)
DP4430	4" x 4" x 30"	3-5/8" pocket fits 4" x 4" post 30" long*	38
DP4440	4" x 4" x 40"	3-5/8" pocket fits 4" x 4" post 40" long*	50
DP4448	4" x 4" x 48"	3-5/8" pocket fits 4" x 4" post 48" long*	60
DP4460	4" x 4" x 60"	3-5/8" pocket fits 4" x 4" post 60" long*	75
DP6630	6" x 6" x 30"	5-5/8" pocket fits 6" x 6" post 30" long*	90
DP6640	6" x 6" x 40"	5-5/8" pocket fits 6" x 6" post 40" long*	118
DP6648	6" x 6" x 48"	5-5/8" pocket fits 6" x 6" post 48" long*	131
DP6660	6" x 6" x 60"	5-5/8" pocket fits 6" x 6" post 60" long*	151
DP6430	6" x 6" x 30"	6-1/8" pocket fits rough sawn 6" x 6" post 30" long*	90
DP6440	6" x 6" x 40"	6-1/8" pocket fits rough sawn 6" x 6" post 40" long*	118
DP6448	6" x 6" x 48"	6-1/8" pocket fits rough sawn 6" x 6" post 48" long*	131
DP6460	6" x 6" x 60"	6-1/8" pocket fits rough sawn 6" x 6" post 60" long*	151

\*Hardware sold separately.



UPLIFT ANCHORS  
AVAILABLE



COLUMN EXTENDERS  
AVAILABLE

# HARDWARE

Get all the wedge anchors, screws, and nails you need to assemble Perma-Column® products. We sell hardware individually or in kits. See our hardware specifications below.



## SOLD SEPARATELY

Model ID	Size	Description
<b>HW10</b>	5/8" x 6"	Wedge anchor, screw type, zinc-plated. Install anchor with 5/8" masonry drill bit. Drill hole 5/8" deeper than anchor. Tighten to 75 ft.-lbs.
<b>HW22</b>	1/4" x 2"	Grade 2 galvanized power grip screw (Deck posts only)
<b>HW45</b>	1/4" x 3"	Grade 5 galvanized power grip screw
<b>HW28</b>	2-1/2" x 3/16"	Galvanized nails. Connect a building's lower splash board to the concrete Perma-Column®. Start by drilling a 3/16" hole through the splash board into the concrete post 1-1/4" deep using a hammer drill. Stay 1" away from the edge of the post. Finally, secure splash board by hammering split drive like a typical nail.

## UNIVERSAL DRILL SET HARDWARE

Model ID	Item	Description
<b>HW60DS</b>	6" universal	6" universal drill set hardware. Drill set hardware for 6" column at corner and door jamb includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 2 carriage bolts, washers, and nuts</li> <li>• (2) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (1) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW80DS</b>	8" universal	8" universal drill set hardware. Drill set hardware for 8" column at corner and door jamb includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 2 carriage bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (1) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>

# HARDWARE KITS

Hardware kits are to be used for Perma-Column®, Sturdi-Wall® Plus products, and deck posts. They are available in a variety of options. See specifications below.



## PERMA-COLUMN® AND STURDI-WALL® PLUS HARDWARE

Model ID	Item	Description
<b>HW46</b>	4" x 6" kit	Wood-to-bracket connection hardware for 4" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 5" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW63</b>	3-Ply 6" kit	Wood-to-bracket connection hardware for 3-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW66</b>	6" x 6" kit	Wood-to-bracket connection hardware for 6" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW64</b>	4-Ply 6" kit	Wood-to-bracket connection hardware for 4-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW83</b>	3-Ply 8" kit	Wood-to-bracket connection hardware for 3-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW84</b>	4-Ply 8" kit	Wood-to-bracket connection hardware for 4-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW85</b>	5-Ply 8" kit	Wood-to-bracket connection hardware for 5-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>
<b>HW88</b>	8" x 8" kit	Wood-to-bracket connection hardware for 8" x 8" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> </ul>

## DECK POST HARDWARE

Model ID	Item	Description
<b>HWD44</b>	4" x 4" kit	Wood-to-bracket connection hardware for 4" x 4" post includes: <ul style="list-style-type: none"> <li>• (8) 1/4" x 2" Grade 2 galvanized power grip screw (Item HW22)</li> </ul>
<b>HWD60</b>	6" x 6" kit	Wood-to-bracket connection hardware for 6" x 6" post includes: <ul style="list-style-type: none"> <li>• (10) 1/4" x 2" Grade 2 galvanized power grip screw (Item HW22)</li> </ul>

# DRILL SET HARDWARE KITS

Drill set hardware kits are available in a variety of options. See specifications below.

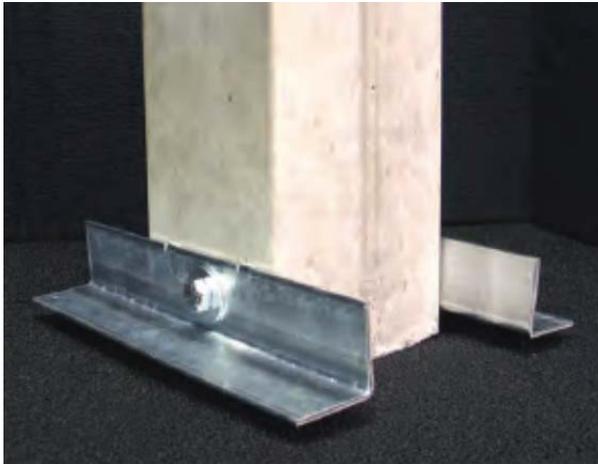


## STURDI-WALL® HARDWARE

Model ID	Item	Description
<b>HW46DS</b>	4" x 6" drill set kit	Wood-to-bracket connection hardware for 4" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 5" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW63DS</b>	3-Ply 6" drill set kit	Drill set hardware for 3-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW66DS</b>	6" x 6" drill set kit	Drill set hardware for 6" x 6" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW64DS</b>	4-Ply 6" drill set kit	Drill set hardware for 4-Ply 6" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (4) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW83DS</b>	3-Ply 8" drill set kit	Drill set hardware for 3-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 6" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW84DS</b>	4-Ply 8" drill set kit	Drill set hardware for 4-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 7-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW85DS</b>	5-Ply 8" drill set kit	Drill set hardware for 5-Ply 8" laminated column includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>
<b>HW88DS</b>	8" x 8" drill set kit	Drill set hardware for 8" x 8" post includes: <ul style="list-style-type: none"> <li>• (2) 1/2" x 9-1/2" zinc-plated Grade 5 bolts, washers, and nuts</li> <li>• (8) 1/4" x 3" Grade 5 galvanized power grip screw (Item HW45)</li> <li>• (2) 5/8" x 6" wedge anchor, screw type, zinc-plated (Item HW10)</li> </ul>

# UPLIFT ANCHOR KITS

Uplift anchors are bolted to the existing precast pipe at the base of a Perma-Column®. The stated uplift protection is approximated for when the anchors are properly installed and backfilled with dirt.

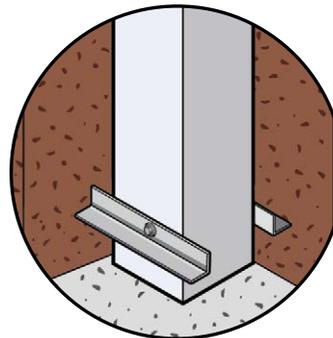


## UPLIFT ANCHOR KIT FOR PC 6" SERIES AND DECK POST

Model ID	Size	Description
<b>UA61</b>	8-1/2"	Kit includes: <ul style="list-style-type: none"> <li>• (2) 2" x 2" x 8-1/2" galvanized angles</li> <li>• (1) 1/2" x 6" galvanized Grade 5 bolt, nut, and washer</li> </ul>
<b>UA62</b>	12"	Kit includes: <ul style="list-style-type: none"> <li>• (2) 2" x 2" x 12" galvanized angles</li> <li>• (1) 1/2" x 6" galvanized Grade 5 bolt, nut, and washer</li> </ul>

## UPLIFT ANCHOR KIT FOR PC 8" SERIES

Model ID	Size	Description
<b>UA81</b>	8-1/2"	Kit includes: <ul style="list-style-type: none"> <li>• (2) 2" x 2" x 8-1/2" galvanized angles</li> <li>• (1) 1/2" x 8" galvanized Grade 5 bolt, nut, and washer</li> </ul>
<b>UA82</b>	12"	Kit includes: <ul style="list-style-type: none"> <li>• (2) 2" x 2" x 12" galvanized angles</li> <li>• (1) 1/2" x 8" galvanized Grade 5 bolt, nut, and washer</li> </ul>



# COLUMN EXTENDERS

Perma-Column® column extenders provide deeper post embedment.  
All kits include bolt, nut, and washer to connect with Perma-Column®.



## COLUMN EXTENDER FOR PC 6" SERIES AND DECK POST

Model ID	Size	Description
CE61	12"	12" column extender for 6" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®.
CE62	24"	24" column extender for 6" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®.

## COLUMN EXTENDER FOR PC 8" SERIES

Model ID	Size	Description
CE81	12"	12" column extender for 8" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®.
CE82	24"	24" column extender for 8" Perma-Column® provides deeper post embedment. Kit includes bolt, nut, and washer to connect with Perma-Column®.

