

Post Anchors are used to secure wood posts to concrete footings. These post anchors also provide moisture damage protection and feature a 1" stand-off plate to elevate wood posts above concrete surfaces.

PA(E) – 2-sided post anchors with high uplift and bearing capacity.

PA – High capacity utilizing 4-sided design.

PAU – Higher uplift resistance and optional bolt fastening to post.

NEW SIZES

Materials: See chart

Finish: G90 galvanizing, PA_E-GC models - Gold Coat

Options: PA44, PA46, PA66, PA44E, PA46E, PA66E, PAU44, PAU46, PAU66 & **PAU88** are available in Triple Zinc. To order, add TZ to stock number, as in **PA44-TZ**.

Codes: ICC-ES ESR-1178, NER 530 & NER 608, FL569R-1, FL821, FL822, L.A. City RR 25337 & RR 25357, Dade County, FL 03-0508.05 — PAU44 & PAU66

AVAILABLE IN
GOLD COAT

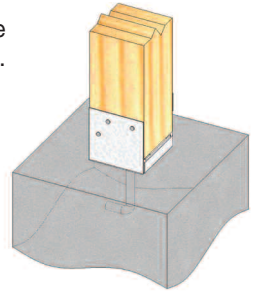
Installation:

- Use all specified fasteners. Install with supplied washer. See Product Notes, page 16.
- Anchor bolts and nails are not furnished.
- **Not recommended for fence posts or other unrestrained (not fixed or fastened at top) applications. These anchors are not designed to resist overturning (moment) loads.**
- **Anchor bolt installation** – position 5/8" diameter anchor bolt at desired location with minimum 4" embedment into 2000 psi concrete. A minimum 2" edge distance is required to achieve allowable loads.
- **For hardened concrete or retrofit installations** – use 5/8" diameter threaded rod with USP's CIA-EA or CIA-GEL 7000 adhesive, follow installation instructions.

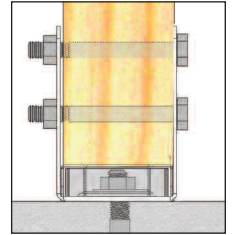
The codes specify that non decay resistant columns exposed to weather or located in basements or cellars must be supported by piers or metal pedestals projecting 1-inch above floor or finished grade. **IRC R319.1.4, IBC 2304.11.2.6, UBC 2306.5**

The codes specify that structural columns shall be fastened to resist net induced uplift forces and prevent lateral displacement at the bottom end. **IRC R407.3, IBC 2304.9.7, UBC 2314**

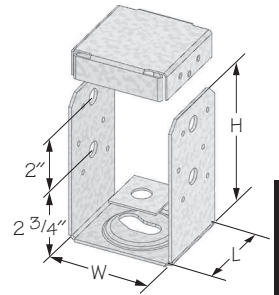
Bolts must be ordered separately. See page 26 for available sizes.



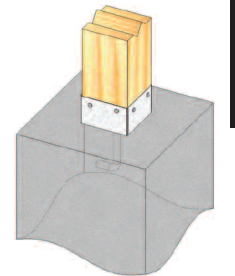
Typical PA44E installation



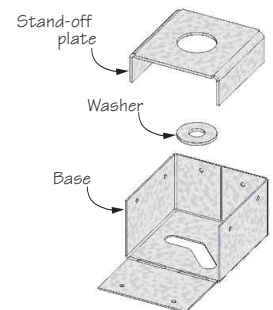
PAU cross-section



PAU



Typical PA installation



PA

Post/ Column Size	USP Stock No.	Ref. No.	Steel Gauge		Dimensions			Fastener Schedule ^{2,3}			Allowable Loads (Lbs.) ⁴				
			Base	Stand-off Plate	W	H	L	Anchor Bolt	Post		DF-L / SP				
									Nails	Bolts	Bearing	Uplift ¹			
												Nails	Bolts	100%	133%
4 x 4	PA44	AB44	18	12	3-9/16	2-1/8	3-1/2	(1) 1/2	(8) 16d	---	5135	380	380	---	---
4 x 4 Rough	PA44R	AB44R	18	12	4-1/16	3-1/2	4	(1) 1/2	(12) 16d	---	5135	380	380	---	---
4 x 6	PA46	AB46	18	12	3-9/16	3-1/2	5-1/2	(1) 1/2	(14) 16d	---	6285	505	505	---	---
4 x 6 Rough	PA46R	AB46R	18	10	4-1/16	3-1/2	6	(1) 1/2	(14) 16d	---	6285	505	505	---	---
6 x 6	PA66	AB66	18	12	5-9/16	3-1/2	5-1/2	(1) 1/2	(16) 16d	---	6950	470	470	---	---
6 x 6 Rough	PA66R	AB66R	18	12	6-1/16	3-1/4	6-1/16	(1) 1/2	(16) 16d	---	6950	470	470	---	---
7-1/4 x 7-1/4	PA725	---	16	12	7-5/16	4	7-5/16	(1) 1/2	(16) 16d	---	6950	555	555	---	---
8 x 8	PA88	---	18	12	7-9/16	3-5/8	7-3/8	(1) 1/2	(16) 16d	---	7540	650	650	---	---
8 x 8 Rough	PA88R	---	18	12	8-1/16	3-5/8	8	(1) 1/2	(16) 16d	---	7540	650	650	---	---
4 x 4	PA44E	ABE44	18	16	3-9/16	3-1/2	3-1/2	(1) 1/2	(6) 16d	---	6775	990	990	---	---
	PA44E-GC	---							(6) N16C-GC						
4 x 6	PA46E	ABE46	18	12	3-9/16	3-1/2	5-1/2	(1) 5/8	(8) 16d	---	13815	825	825	---	---
	PA46E-GC	---							(8) N16C-GC						
6 x 6	PA66E	ABE66	14	12	5-1/2	3-1/2	5-1/2	(1) 5/8	(8) 16d	---	16005	1060	1060	---	---
	PA66E-GC	---							(8) N16C-GC						
4 x 4	PAU44	ABU44	12	16	3-9/16	5-7/16	3	(1) 5/8	(12) 16d	(2) 1/2	6775	2350	2535	2265	2265
4 x 6	PAU46	ABU46	10	12	3-9/16	6	5	(1) 5/8	(12) 16d	(2) 1/2	13815	2350	2535	2265	2265
6 x 6	PAU66	ABU66	10	12	5-1/2	6	5	(1) 5/8	(12) 16d	(2) 1/2	16005	2380	2380	2265	2265
8 x 8	PAU88	ABU88	12	12	7-1/2	7-3/16	7-1/16	(2) 5/8	(14) 16d	---	24900	2780	3185	---	---
8 x 8 Rough	PAU88R	ABU88R	12	12	8-1/16	6-15/16	7-1/16	(2) 5/8	(14) 16d	---	24900	2780	3185	---	---

1) Uplift loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.
 2) Minimum nail embedment shall be 1-5/8" for 16d nails and N16C-GC.
 3) All bolts shall meet or exceed the specifications of ASTM A 307.
 4) Allowable loads are based on the use of either nails or bolts; nail and bolt values cannot be combined.

New products or updated product information are designated in red.

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
Fasteners / Anchors				
AB1212-HDG		X		
AB1218-HDG		X		
AB126-HDG		X		
AB128-HDG		X		
AB5817-HDG		X		
BP1		X		
BP12		X		
BP34		X		
BP58		X		
BP582		X		
BP583		X		
BP78		X		
HBPS12		X		
HBPS34		X		
LBP12-TZ	X			
LBP34-TZ	X			
LBP58-TZ	X			
LBPS12-TZ	X			
LBPS58-TZ	X			
N8-GC				X
N8C-GC				X
N10-GC				X
N10C-GC				X
N16C-GC				X
NA11		X	X	
NA16D		X		
NA20D		X		
NA21		X		
NA25		X		
NA250		X		
NA9D		X		
STB16		X		
STB20		X		
STB24		X		
STB28		X		
STB34		X		
STB36		X		
STBL16		X		
STBL20		X		
STBL24		X		
STBL28		X		
STBL34		X		
WS15-GC				X
Holdowns / Foundation Anchors				
FA3	X			
HPA35		X		
PA18	X			
PA23	X			
PA28	X			
PA35	X			
ST1-TZ	X			
ST2-TZ	X			
TA51	X			
TA71	X			
TDL5	X			
TDL10	X			
TDX2	X	X		
TDX6		X		
TDX8		X		
Embedded Truss Anchors				
H1A20	X			
HTA24	X			
TA20	X			
TA24	X			

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
Stud Plate Ties				
RSPT4	X			
RSPT6	X			
RSPT6-2	X			
SPT4	X			
SPT6	X			
SPT22	X			
SPT24	X			
SPTH4	X			
SPTH6	X			
Column / Post Bases				
CBS44		X		
CBS66		X		
CBSQ44-TZ	X			
CBSQ46-TZ	X			
CBSQ66-TZ	X			
D44	X			
D46	X			
D66	X			
EBG44	X			
EPB4408		X		
KCB44		X		
KCB46		X		
KCB48		X		
KCB66		X		
KCB68		X		
KCB88		X		
KCB1010		X		
KCB1212		X		
PA44	X			
PA44E	X			X
PA46	X			
PA46E	X			X
PA66	X			
PA66E	X			X
PAU44	X			
PAU46	X			
PAU66	X			
PAU88	X			
WAS44	X			
WAS46	X			
WAS66	X			
WE44	X			
WE46	X			
WE66	X			
Column / Post Caps				
C44	X			
C46	X			
C66	X			
EPCM4416	X			
EPCM4616	X			
KCC44		X		
KCC46		X		
KCC64		X		
KCC66		X		
KECC44		X		
KECC46		X		
KECC64		X		
KECC66		X		
PB44-6	X			X
PB66-6	X			X
PBC44-TZ	X			
PBC66-TZ	X			

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
Column / Post Caps				
PBES44	X			
PBES66	X			
PBS44	X			
PBS66	X			
PCM44	X			
PCM4416	X			
PCM46	X			
PCM4616	X			
PCM66	X			
PCM6616	X			
Joist Hangers				
HUS26	X			
HUS28	X			
HUS28-2IF	X			
HUS210	X			
HUS210-2IF	X			
JUS24	X		X	X
JUS26	X		X	X
JUS26-2	X		X	X
JUS28	X		X	
JUS28-2	X			
JUS28-3	X			
JUS210	X		X	X
JUS210-2	X		X	X
JUS210-3	X			
JUS44	X			
JUS46	X			
JUS48	X			
JUS410	X			
JUS414	X			
LSSH15-TZ	X			
LSSH210	X			
LSSH31	X			
SKH26R/L	X			X
SKH28R/L	X			
SKH210R/L	X			X
TMU26	X			
Hurricane / Seismic Anchors				
HHCP2	X			
LFTA6	X			
RT3A	X			
RT4	X		X	
RT5	X		X	
RT7	X		X	
RT7A	X			X
RT10	X		X	
RT15	X		X	X
RT16	X		X	
RT16-2	X			
RT20	X			
Truss Hangers				
HJH28L/R		X		
MSH418	X			
MSH422	X			
THD26	X			
THD26-2	X			
THD210-2	X			

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
Framing Plates & Angles				
A3	X			
AC5	X			
AC7	X			X
AC9	X			X
JA1	X			
MP3	X			
MP34	X		X	
MP4F	X			
MP5	X			
MP7	X			X
MP9	X			X
MPA1	X		X	X
MPA1F	X			
Straps				
KRPS18	X			
KRPS22	X			
L6	X			X
LSTA24			X	
MSTA9	X			
MSTA12	X		X	
MSTA15	X		X	
MSTA18	X		X	
MSTA21	X			
MSTA24	X			
MSTA30	X			
MSTA36	X			
PS218-HDG		X		
PS418-HDG		X		
PS720-HDG		X		
RS150	X			
RT24F	X			
T6	X			X
Twist Straps				
LTW12	X		X	
LTW18	X		X	
LTW20			X	
MTW12	X			
MTW16	X			
MTW20	X			
MTW30	X			
RT16T	X			
RT24T	X			
Miscellaneous				
ANJ44S		X		
DC50-TZ	X			
CSH-TZ	X			
ERB24-TZ	X			
FB14-TZ	X			
FB16-TZ	X			
FB23-TZ	X			
FB240-TZ	X			
FRB24-TZ	X			
ICPL58	X			
ICPL516-TZ	X			
PRT2-TZ	X			
SCA9-TZ	X			X
SCA10-TZ	X			X
SDJT14-TZ	X			
SDPT5-TZ	X			
SDPT7-TZ	X			