

BC – One-piece design for double 2x's to a 4x post

BCS – One-piece design connects 2-ply or 3-ply beams to the tops of 4x4 or 6x6 post. Slant nailing reduces the amount of nails required

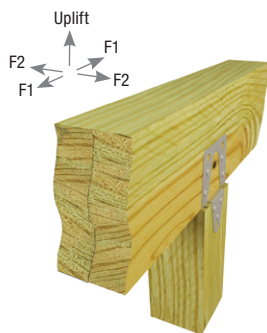
C – One-piece design

Materials: 18 gauge

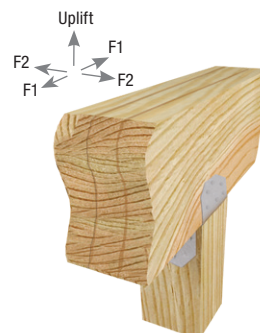
Finish: G90 galvanizing;
BC400-TZ – G-185 galvanizing

Options: See chart for Corrosion Finish Options

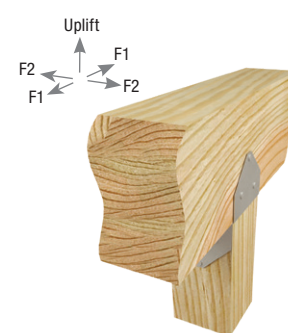
Codes: See chart for code references



Typical BC400-TZ installation



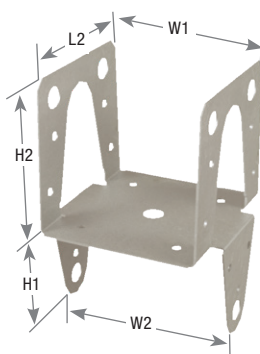
Typical BCS23-6 installation



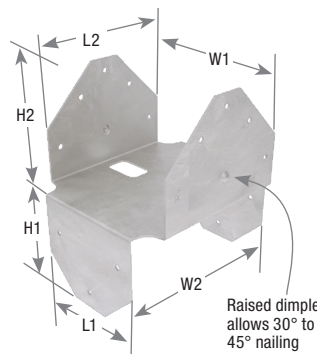
Typical C44 installation

Installation:

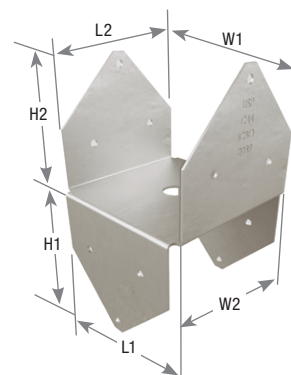
- Place post cap on top of post and fasten cap to post using specified nails.
- Place beam between top flanges of the cap and install all specified nails into beam.
- **BCS** – Slant nails must be installed through dimple holes at a 30° to 45° angle through the beam into the post to achieve listed loads. **Slant/double shear nails must be used to achieve listed load values.**



BC400-TZ



BCS23-6



C44

Caps & Bases

Post Size	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule ^{2,3}				DF/SP Allowable Loads (Lbs.) ¹			Corrosion Finish	Code Ref.		
				W1	W2	H1	H2	L1	L2	Qty	Type	Qty	Type	Uplift 160%			F1 160%	F2 160%
4 x 4	BCS22-4	BCS2-2/4	18	3-1/8	3-9/16	2-15/16	2-15/16	2-7/8	2-7/8	6	10d	8	10d	865	1065	--		
	BC400-TZ	--	18	3-1/8	3-9/16	2-3/8	3	3-1/2	3-5/16	10	10d x 1-1/2 HDG	8	10d x 1-1/2 HDG	615	780	580		--
	C44	BC4	18	3-9/16	3-9/16	2-7/8	2-7/8	3-1/4	3-1/4	6	16d	6	16d	925	1105	1105		
4 x 4 Rough	C44R	BC4R	18	4	4	2-5/8	2-5/8	3-1/4	3-1/4	8	16d	8	16d	925	1105	1105		IBC, FL, LA
4 x 6	C46	BC46	18	3-9/16	5-1/2	2-9/16	2-5/8	3-3/8	5-1/4	6	16d	10	16d	925	1105	1105		
4 x 6 Rough	C46R	--	18	4	6	2-3/4	2-3/4	3-1/4	5-1/4	8	16d	10	16d	925	1105	1105		
6 x 6	BCS23-6	BCS2-3/6	18	4-5/8	5-5/8	3	3-3/8	3-1/2	4-3/8	6	16d	12	16d	1120	1625	--		--
	C66	BC6	18	5-1/2	5-1/2	2-7/8	2-7/8	5-1/4	5-1/4	12	16d	12	16d	1195	2100	2100		
6 x 6 Rough	C66R	BC6R	18	6	6	2-13/16	2-13/16	5-1/4	5-1/4	12	16d	12	16d	955	2210	2210		IBC, FL, LA
8 x 8	C88	BC8	18	7-1/2	7-1/2	5	5	7-3/8	7-3/8	16	16d	16	16d	1195	2260	2260		

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) BCS23-6: Substituting 16d x 2-1/2" nails for 16d common nails is not permitted for slant nailing.

3) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long. New products or updated product information are designated in blue font.

Corrosion Finish

- Stainless Steel
- Gold Coat
- HDG
- Triple Zinc

PCM – Provides a positive connection for medium-duty, post-to-beam applications

EPCM – End column caps

Materials: See chart

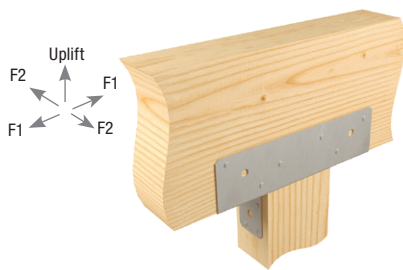
Finish: G90 galvanizing

Options: See chart for Corrosion Finish Options

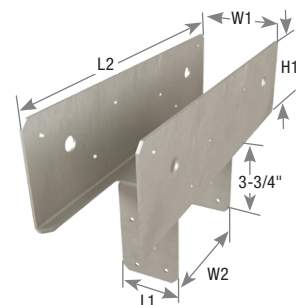
Codes: IBC, FL, LA

Installation:

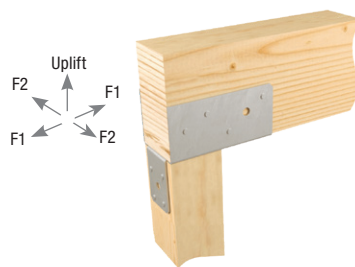
- Use all specified fasteners. See Product Notes, page 18.
- PCM 16 gauge post caps should not be substituted for PCM 12 gauge post caps unless approved by the Engineer of Record.



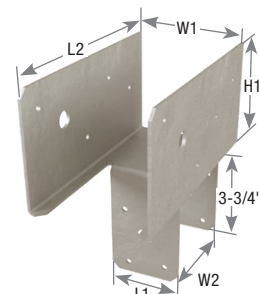
Typical PCM46 center cap installation



PCM



Typical EPCM end cap installation



EPCM

MiTek USP Stock No.	Ref. No.	Steel Gauge	Beam	Post	Dimensions (in)					Fastener Schedule ²				DF/SP Allowable Loads (Lbs.)			Corrosion Finish	Code Ref.
					W1	W2	H1	L1	L2	Post		Beam		Uplift ¹	F1	F2		
										Qty	Type	Qty	Type					
Center Column Caps																		
PCM4416	PC44-16	16	4x	4x	3-9/16	3-9/16	3-9/16	2-7/16	11	8	16d	12	16d	970	1115	1335		IBC, FL, LA
PCM44	PC44	12	4x	4x	3-9/16	3-9/16	3-9/16	2-7/16	11	8	16d	12	16d	1665	1350	1890		
PCM46	PC46	12	4x	6x	3-9/16	5-9/16	3-9/16	2-7/16	13	8	16d	12	16d	1665	1350	1890		
PCM4616	PC46-16	16	4x	6x	3-9/16	5-9/16	3-9/16	2-7/16	13	8	16d	12	16d	970	1115	1335		
PCM4816	PC48-16	16	4x	8x	3-9/16	7-9/16	3-9/16	2-7/16	15	8	16d	12	16d	970	1115	1335		
PCM48	PC48	12	4x	8x	3-9/16	7-9/16	3-9/16	2-7/16	15	8	16d	12	16d	1665	1350	1890		
PCM6416	PC64-16	16	6x	4x	5-1/2	3-9/16	3-1/2	3-13/16	11	8	16d	12	16d	950	1545	1675		
PCM64	PC64	12	6x	4x	5-1/2	3-9/16	3-1/2	3-13/16	11	8	16d	12	16d	1500	1875	1915		
PCM6616	PC66-16	16	6x	6x	5-1/2	5-9/16	3-1/2	3-13/16	13	8	16d	12	16d	950	1545	1675		
PCM66	PC66	12	6x	6x	5-1/2	5-9/16	3-1/2	3-13/16	13	8	16d	12	16d	1500	1875	1915		
PCM6816	-- --	16	6x	8x	5-1/2	7-9/16	3-1/2	3-13/16	15	8	16d	12	16d	950	1545	1675		
PCM68	PC68	12	6x	8x	5-1/2	7-9/16	3-1/2	3-13/16	15	8	16d	12	16d	1500	1875	1915		

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.

New products or updated product information are designated in **blue font**.

Corrosion Finish ■ Stainless Steel ■ Gold Coat ■ HDG ■ Triple Zinc

Continued on next page

MiTek USP Stock No.	Ref. No.	Steel Gauge	Beam	Post	Dimensions (in)					Fastener Schedule ²				DF/SP Allowable Loads (Lbs.)			Corrosion Finish	Code Ref.
					W1	W2	H1	L1	L2	Post		Beam		Uplift ¹	F1	F2		
										Qty	Type	Qty	Type					
Center Column Caps																		
PCM77	--	12	7-1/8	7-1/8	7-1/8	7-1/8	3-11/16	5-5/8	14-9/16	8	16d	12	16d	1500	1875	1915	IBC, FL, LA	
PCM8416	--	16	8x	4x	7-1/2	3-9/16	3-1/2	5-5/8	11	8	16d	12	16d	950	1545	1675		
PCM84	PC84	12	8x	4x	7-1/2	3-9/16	3-1/2	5-5/8	11	8	16d	12	16d	1500	1875	1915		
PCM8616	--	16	8x	6x	7-1/2	5-9/16	3-3/8	5-5/8	13	8	16d	12	16d	950	1545	1675		
PCM86	PC86	12	8x	6x	7-1/2	5-9/16	3-1/2	5-5/8	13	8	16d	12	16d	1500	1875	1915		
PCM8816	--	16	8x	8x	7-1/2	7-9/16	3-1/2	5-5/8	15	8	16d	12	16d	950	1545	1675		
PCM88	PC88	12	8x	8x	7-1/2	7-9/16	3-1/2	5-5/8	15	8	16d	12	16d	1500	1875	1915		
End Column Caps																		
EPCM4416	EPC44-16	16	4x	4x	3-9/16	3-9/16	3-9/16	2-7/16	7-1/4	8	16d	8	16d	970	1115	1335	IBC, FL, LA	
EPCM44	EPC44	12	4x	4x	3-9/16	3-9/16	3-9/16	2-7/16	7-1/4	8	16d	8	16d	1665	1350	1890		
EPCM46	EPC46	12	4x	6x	3-9/16	5-9/16	3-9/16	2-7/16	9-1/4	8	16d	8	16d	1665	1350	1890		
EPCM4616	EPC46-16	16	4x	6x	3-9/16	5-9/16	3-9/16	2-7/16	9-1/4	8	16d	8	16d	970	1115	1335		
EPCM4816	EPC48-16	16	4x	8x	3-9/16	7-9/16	3-9/16	2-7/16	11-1/4	8	16d	8	16d	970	1115	1335		
EPCM48	EPC48	12	4x	8x	3-9/16	7-9/16	3-9/16	2-7/16	11-1/4	8	16d	8	16d	1665	1350	1890		
EPCM6416	EPC64-16	16	6x	4x	5-1/2	3-9/16	3-1/2	3-13/16	7-1/4	8	16d	8	16d	950	1545	1675		
EPCM64	EPC64	12	6x	4x	5-1/2	3-9/16	3-1/2	3-13/16	7-1/4	8	16d	8	16d	1500	1875	1915		
EPCM6616	EPC66-16	16	6x	6x	5-1/2	5-9/16	3-1/2	3-13/16	9-1/4	8	16d	8	16d	950	1545	1675		
EPCM66	EPC66	12	6x	6x	5-1/2	5-9/16	3-1/2	3-13/16	9-1/4	8	16d	8	16d	1500	1875	1915		
EPCM6816	--	16	6x	8x	5-1/2	7-9/16	3-1/2	3-13/16	11-1/4	8	16d	8	16d	950	1545	1675		
EPCM68	EPC68	12	6x	8x	5-1/2	7-9/16	3-1/2	3-13/16	11-1/4	8	16d	8	16d	1500	1875	1915		
EPCM77	--	12	7-1/8	7-1/8	7-1/8	7-1/8	3-11/16	5-5/8	10-13/16	8	16d	8	16d	1500	1875	1915		
EPCM8416	--	16	8x	4x	7-1/2	3-9/16	3-1/2	5-5/8	7-1/4	8	16d	8	16d	950	1545	1675		
EPCM84	EPC84	12	8x	4x	7-1/2	3-9/16	3-1/2	5-5/8	7-1/4	8	16d	8	16d	1500	1875	1915		
EPCM8616	--	16	8x	6x	7-1/2	5-9/16	3-3/8	5-5/8	9-1/4	8	16d	8	16d	950	1545	1675		
EPCM86	EPC86	12	8x	6x	7-1/2	5-9/16	3-1/2	5-5/8	9-1/4	8	16d	8	16d	1500	1875	1915		
EPCM8816	--	16	8x	8x	7-1/2	7-9/16	3-1/2	5-5/8	11-1/4	8	16d	8	16d	950	1545	1675		
EPCM88	EPC88	12	8x	8x	7-1/2	7-9/16	3-1/2	5-5/8	11-1/4	8	16d	8	16d	1500	1875	1915		

Caps & Bases

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1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.

New products or updated product information are designated in **blue font**.

Corrosion Finish ■ Stainless Steel ■ Gold Coat ■ HDG ■ Triple Zinc

PB – Two-piece design

PBES / PBS – Two-piece design with extended side plates and wrap around post design. Easy retrofit installations

Materials: 18 gauge

Finish: G90 galvanizing; PB44-6TZ &

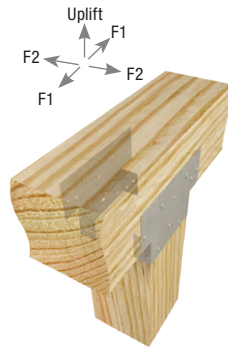
PB66-6TZ – G-185 galvanizing

Options: See chart for Corrosion Finish Options

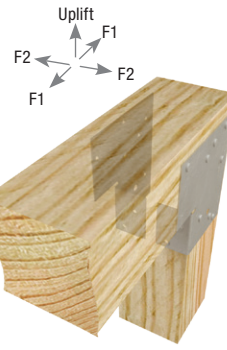
Codes: IBC, FL, LA

Installation:

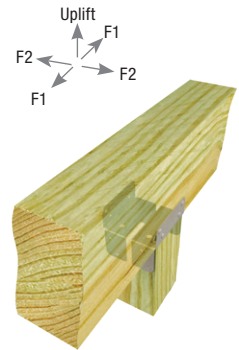
- Use all specified fasteners. See Product Notes, page 18.
- These products are designed for single, solid-sawn beams with matching post width. Multi-ply beams must have same width as post. Use shims as required.
- **PB, PBES, PBS post caps are sold per piece and must be installed in pairs to achieve allowable loads.**



Typical PBS installation

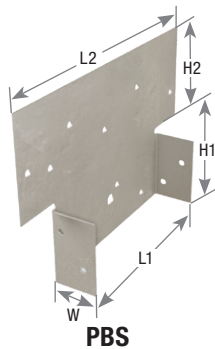


Typical PBES installation

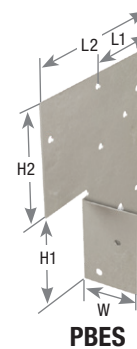


Typical PB-6TZ installation

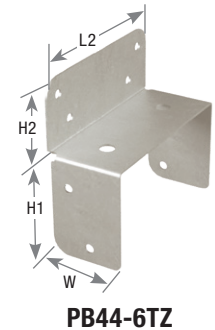
AVAILABLE IN
**GOLD
COAT**



PBS



PBES



PB44-6TZ

Post Size	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)					Fastener Schedule ^{2,3}				DF/SP Allowable Loads (Lbs.) ^{1,2}			Corrosion Finish	Code Ref.
				W	H1	H2	L1	L2	Post		Beam		Uplift 160%	F1 160%	F2 160%		
									Qty	Type	Qty	Type					
4 x 4	PB44-6TZ	LPC4Z	18	1-1/2	2-1/8	1-1/2	--	3-5/8	8	16d HDG	8	16d HDG	585	1760	1015	IBC, FL, LA	
	PBES44	LCE4	18	1-1/2	2-3/8	2-3/4	3-1/4	4-3/4	8	16d	8	16d	1765	920	810		
	PBS44	AC4	18	1-7/16	2-5/16	2-13/16	3-9/16	6-1/2	12	16d	12	16d	2650	1860	1110		
4 x 4 Rough	PBS44R	AC4R	18	1-1/2	2-5/16	2-3/16	4	7	8	16d	8	16d	1765	920	810	IBC, FL, LA	
6 x 6	PB66-6TZ	LPC6Z	18	1-1/2	2-1/2	3	--	5-9/16	8	16d HDG	8	16d HDG	585	1760	1015		
	PBES66	--	18	1-1/2	2-3/8	2-1/8	5-1/2	7	8	16d	8	16d	1670	1190	1235		
	PBS66	AC6	18	1-1/4	2-5/16	2-7/8	5-1/2	8	14	16d	12	16d	2015	1865	1300		
6 x 6 Rough	PBS66R	AC6R	18	1-1/4	2-5/16	2-3/16	6	8-1/2	10	16d	10	16d	1670	1190	1235	IBC, FL, LA	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **Allowable Loads and Fastener Schedules for a pair of post caps.**

3) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.

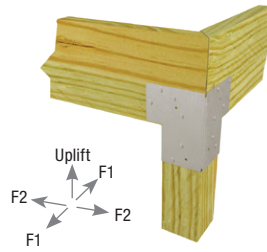
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Corrosion Finish ■ Stainless Steel ■ Gold Coat ■ HDG ■ Triple Zinc

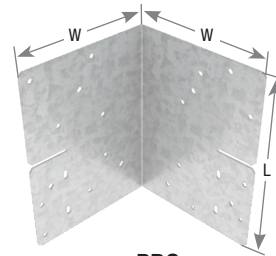
The PBC series is a one-piece connector designed to secure two mitered beams on a corner post while providing uplift capacity.

Materials: 18 gauge
Finish: G-185 galvanizing
Codes: IBC, FL, LA

- Installation:**
- Use all specified fasteners. See Product Notes, page 18.
 - Install PBC on outside corner of post forming tabs to inner side of post.
 - Assumes beam members are bevel cut at corner.



Typical PBC installation



PBC

Post Size	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule ²				DF/SP			S-P-F			Corrosion Finish	Code Ref.
						Post		Beam		Allowable Loads (Lbs.) ¹			Allowable Loads (Lbs.) ¹				
				W	L	Qty	Type	Qty	Type	Uplift	F1	F2	Uplift	F1	F2		
4 x 4	PBC44-TZ	--	18	4-15/16	6-1/2	8	16d HDG	8	16d HDG	1765	1520	1520	1525	1275	1275	Green	IBC, FL, LA
6 x 6	PBC66-TZ	--	18	6-15/16	6-1/2	8	16d HDG	8	16d HDG	1765	1520	1520	1525	1275	1275		

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.

New products or updated product information are designated in **blue font**.

Corrosion Finish ■ Stainless Steel ■ Gold Coat ■ HDG ■ Triple Zinc