

AC/ACE/LPCZ/LCE Post Caps

The LCE4's universal design provides high capacity while eliminating the need for rights and lefts. For use with 4x or 6x lumber. LPCZ—Adjustable design allows greater connection versatility.

MATERIAL: LCE4—20 gauge; AC, ACE, LPC4Z—18 gauge; LPC6Z—16 gauge
FINISH: Galvanized. Some products available in ZMAX® coating and stainless steel; see Corrosion Information, page 10-11.

INSTALLATION: • Use all specified fasteners. See General Notes.

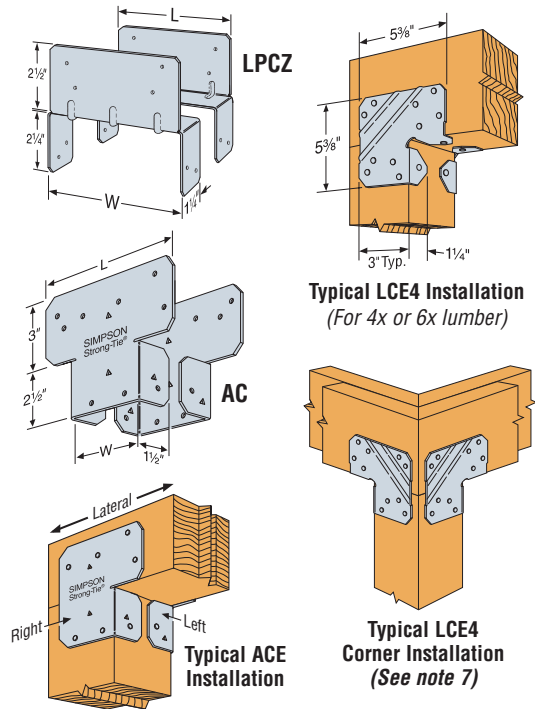
- Install all models in pairs. LPCZ—2½" beams may be used if 10dx1½" nails are substituted for 10d commons.

CODES: See page 12 for Code Reference Key Chart.

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Dimensions		Total No. Fasteners		Allowable Loads (160) ¹		Code Ref.
	W	L	Beam	Post	Uplift	Lateral	
AC4 (Min)	3¾"	6½"	12-16d	8-16d	1430	715	I12, L20, F11
AC4 (Max)	3¾"	6½"	14-16d	14-16d	2500	1070	
AC4R (Min)	4	7	12-16d	8-16d	1430	715	I12, F11
AC4R (Max)	4	7	14-16d	14-16d	2500	1070	
ACE4 (Min)	—	4½"	8-16d	6-16d	1070	715	I12, L3, F11
ACE4 (Max)	—	4½"	10-16d	10-16d	1785	1070	
LCE4	—	5¾"	14-16d	10-16d	1905 ⁷	1425	IP1, 160
AC6 (Min)	5½"	8½"	12-16d	8-16d	1430	715	I12, L3, F11
AC6 (Max)	5½"	8½"	14-16d	14-16d	2500	1070	
AC6R (Min)	6	9	12-16d	8-16d	1430	715	I12, F11
AC6R (Max)	6	9	14-16d	14-16d	2500	1070	
ACE6 (Min)	—	6½"	8-16d	6-16d	1070	715	I12, L3, F11
ACE6 (Max)	—	6½"	10-16d	10-16d	1785	1070	
LPC4Z	3¾"	3½"	8-10d	8-10d	760	325	I12, F11
LPC6Z	5¾"	5½"	8-10d	8-10d	915	490	I12, F11

1. Allowable loads have been increased for wind or earthquake load durations with no further increase allowed; reduce where other load durations govern.
2. Loads apply only when used in pairs.
3. LPCZ lateral load is in the direction parallel to the beam.
4. MIN nailing quantity and load values—fill all round holes; MAX nailing quantities and load values—fill round and triangle holes.
5. Uplift loads do not apply to splice conditions.
6. Spliced conditions must be detailed by the Designer to transfer tension loads between spliced members by means other than the post cap.



7. LCE4 uplift load for mitered corner conditions is 985 lbs. (DF/SP) or 845 lbs. (SPF).
8. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. Values in the tables reflect installation into the wide face. See technical bulletin T-SCLCOLUMN for values on the narrow face (edge) (see page 191 for details).
9. **NAILS:** 16d = 0.162" dia. x 3½" long, 10d = 0.148" dia. x 3" long. See page 16-17 for other nail sizes and information.

PC/EPC Post Caps

PC and EPC caps provide a custom connection for post-beam combinations at medium design loads.

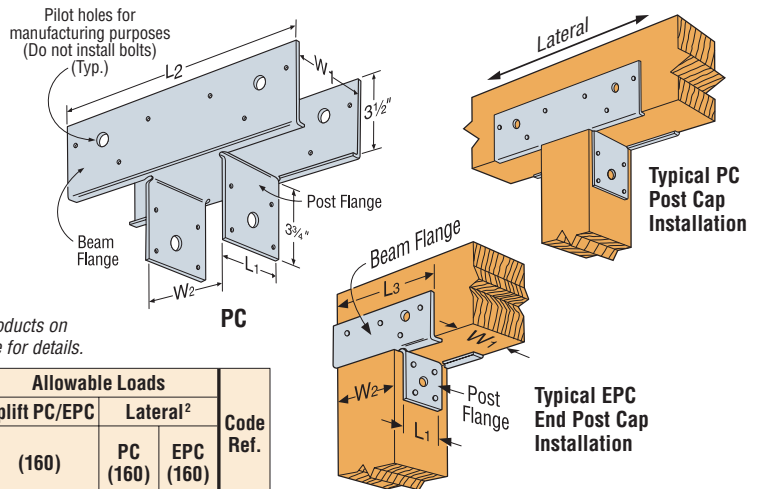
MATERIAL: PC—12 gauge; PC-16—16 gauge
FINISH: Galvanized. Some products available in ZMAX coating; see Corrosion Information, page 10-11.

INSTALLATION: • Use all specified fasteners; see General Notes.

- Do not install bolts into pilot holes.
- For end conditions, specify EPC post caps, providing dimensions are in accordance with table; see illustration.
- Some PC and EPC models are available in rough sizes.
- For heavy duty applications, see CC and CCQ series.

CODES: See page 12 for Code Reference Key Chart.

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.



Model No.	Min. Post Size	Dimensions					Fasteners Each Side			Allowable Loads			Code Ref.
		W ₁	W ₂	L ₁	L ₂	L ₃	Surfaces			Uplift PC/EPC (160)	PC (160)	EPC (160)	
							Post Flange	Beam Flange PC	Beam Flange EPC				
PC44-16	4x4	3¾"	3¾"	2½"	11	7¾"	4-16d	6-16d	4-16d	1000	925	1000	I12, L20, F11
PC44	4x4	3¾"	3¾"	2½"	11	7¾"	4-16d	6-16d	4-16d	1700	925	1070	
PC46-16	4x6	3¾"	5½"	2½"	13	9¼"	4-16d	6-16d	4-16d	1000	925	1000	
PC46	4x6	3¾"	5½"	2½"	13	9¼"	4-16d	6-16d	4-16d	1700	925	1070	
PC48-16	4x8	3¾"	7½"	2½"	15	11¼"	4-16d	8-16d	6-16d	1000	1475	1285	
PC48	4x8	3¾"	7½"	2½"	15	11¼"	4-16d	8-16d	6-16d	1700	2075	1610	
PC64-16	4x6	5½"	3¾"	4¾"	11	7¾"	4-16d	6-16d	4-16d	1000	925	1000	
PC64	4x6	5½"	3¾"	4¾"	11	7¾"	4-16d	6-16d	4-16d	1700	925	1070	
PC66-16	6x6	5½"	5½"	4¾"	13	9¼"	4-16d	6-16d	6-16d	1000	925	1285	
PC66	6x6	5½"	5½"	4¾"	13	9¼"	4-16d	6-16d	6-16d	1700	925	1610	
PC68	6x8	5½"	7½"	4¾"	15	11¼"	4-16d	8-16d	6-16d	1700	2075	1610	
PC84	4x8	7½"	3¾"	6¾"	11	7¾"	4-16d	6-16d	6-16d	1700	925	1610	
PC86	6x8	7½"	5½"	6¾"	13	9¼"	4-16d	6-16d	6-16d	1700	925	1610	
PC88	8x8	7½"	7½"	6¾"	15	11¼"	4-16d	8-16d	6-16d	1700	2075	1610	

1. Allowable loads have been increased for wind or earthquake load durations with no further increase allowed; reduce where other load durations govern.
2. Lateral loads are in the direction parallel to the beam.
3. Allowable loads are for nails only.
4. Uplift loads do not apply to splice conditions.
5. Spliced conditions must be detailed by the Designer to transfer tension loads between spliced members by means other than the post cap.
6. Structural composite lumber columns have sides that show either the wide face or the edges of the lumber strands/veneers. Values in the tables reflect installation into the wide face. See technical bulletin T-SCLCOLUMN for values on the narrow face (edge) (see page 191 for details).
7. **NAILS:** 16d = 0.162" dia. x 3½" long. See page 16-17 for other nail sizes and information.