

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.

The AC MAX design allows for higher load capacity to match comparable post bases.

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.

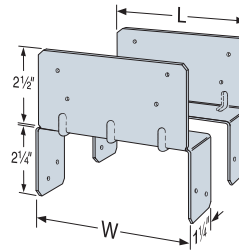
INSTALLATION: • Use all specified fasteners. See General Notes.

- Install all models in pairs. LPCZ—2½" beams may be used if 10d x 1½" nails are substituted for 10d commons. Use 0.77 x table value.

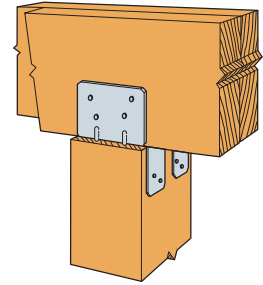
These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Dimensions (in)		Total No. Fasteners		Factored Resistance (K _D =1.15)			
	W	L	Beam	Post	D.Fir-L		S-P-F	
					Uplift lbs kN	Lateral lbs kN	Uplift lbs kN	Lateral lbs kN
AC4 (Min)	3⅞	6½	12-16d	8-16d	2640	1320	1860	930
AC4 (Max)	3⅞	6½	14-16d	14-16d	4620	1980	3250	1395
AC4R (Min)	4	7	12-16d	8-16d	2640	1320	1860	930
AC4R (Max)	4	7	14-16d	14-16d	4620	1980	3250	1395
ACE4 (Min)	—	4½	8-16d	6-16d	1980	1320	1395	930
ACE4 (Max)	—	4½	10-16d	10-16d	3300	1810	2325	1275
AC6 (Min)	5½	8½	12-16d	8-16d	2640	1320	1860	930
AC6 (Max)	5½	8½	14-16d	14-16d	4620	1980	3250	1395
AC6R (Min)	6	9	12-16d	8-16d	2640	1320	1860	930
AC6R (Max)	6	9	14-16d	14-16d	4620	1980	3250	1395
ACE6 (Min)	—	6½	8-16d	6-16d	1980	1320	1395	930
ACE6 (Max)	—	6½	10-16d	10-16d	3300	1980	2325	1395
LPC4Z	3⅞	3½	8-10d	8-10d	1105	485	790	350
LPC6Z	5⅞	5½	8-10d	8-10d	1375	740	985	530
LCE4	—	5⅞	14-16d	10-16d	3180	2640	2240	1860

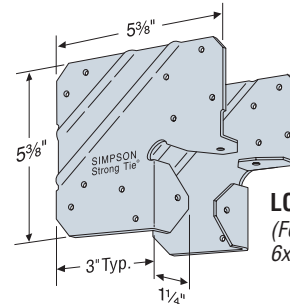
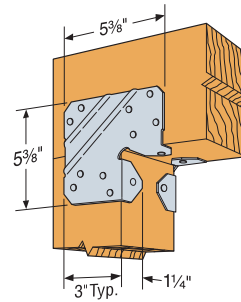
1. Factored resistances have been increased 15% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
2. Resistances apply only when used in pairs.
3. LPCZ lateral resistance is in the direction parallel to the beam.
4. MIN nailing quantity and resistances – fill all round holes; MAX nailing quantities and resistances – fill round and triangle holes.
5. Uplift values do not apply to splice conditions.
6. LCE4 uplift capacity for mitered corner conditions is 1615 lbs (7.18 kN) D.Fir-L and 1135 lbs (5.05 kN) S-P-F.
7. **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.



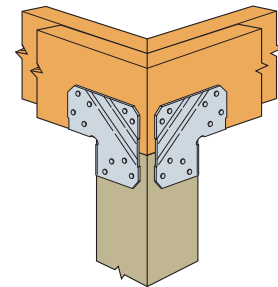
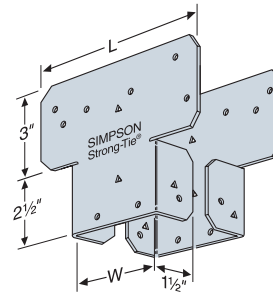
LPCZ



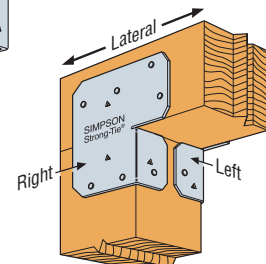
Typical LPCZ Installation

LCE4
(For 4x or 6x lumber)

Typical LCE4 Installation

Typical LCE4 Corner Installation
(See note 6)

AC



Typical ACE Installation