

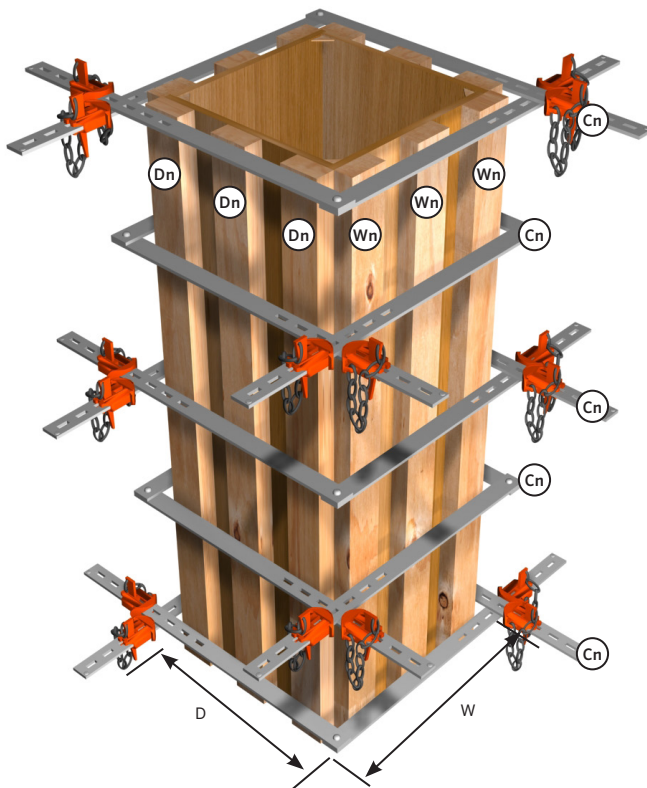
COLUMN FORM BUILD & SETUP

Here's the fast and accurate way to form columns with the ELLIS Column Clamps. All parts are connected to make single units with no loose parts to get lost. The units are identical, no right or left, up or down. Only a hammer is needed to secure column clamps to your form. Steel bars hold the plywood form sides snugly in place, a wedge is dropped into a rectangular-cut slot and tightened with a tap of a hammer. You can reuse many times.

Use the Ellis MFG Column Form Designer App (on ellismanufacturing.com) to get recommended number of vertical studs for each side, the recommended number of clamps, and the recommended spacing between each clamp for any size column. When using the Column Form Designer App refer to the diagrams in the document to clarify setup details. A few details to note are listed below.

- Column Clamp spacings always start from the ground up with a 6" space between the ground and the first clamp.
- Alternate Clamp hinge side and casting sides 90 degrees every other clamp working your way up the column form.
- Over hang one stud off of each panel to interlock all four form sides (see diagram D for detail).

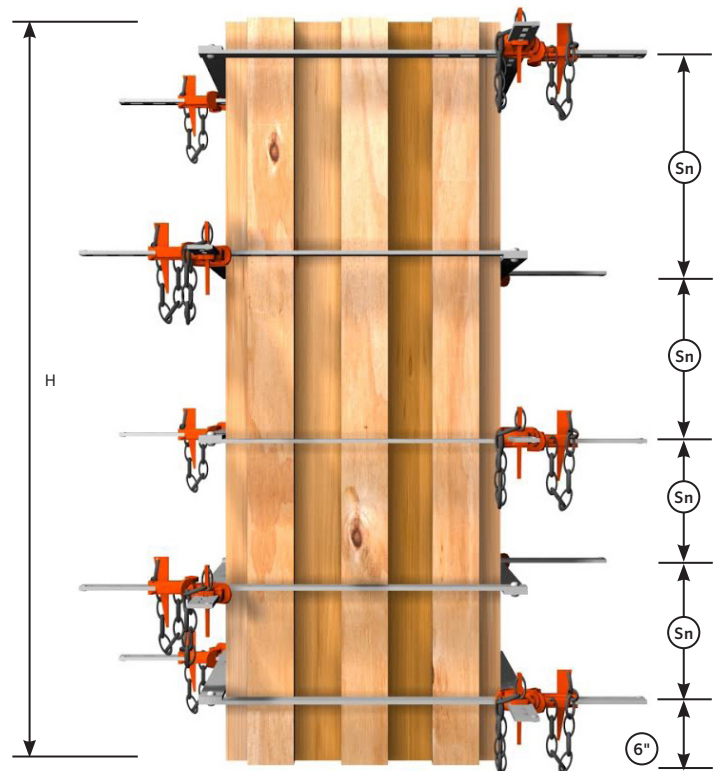
DIAGRAM A: BASIC COLUMN FORM SETUP



W = Column Width
D = Column Depth
Wn = Width Stud Count

Dn = Depth Stud Count
Cn = Number Of Clamps

DIAGRAM B: COLUMN ELEVATION VIEW



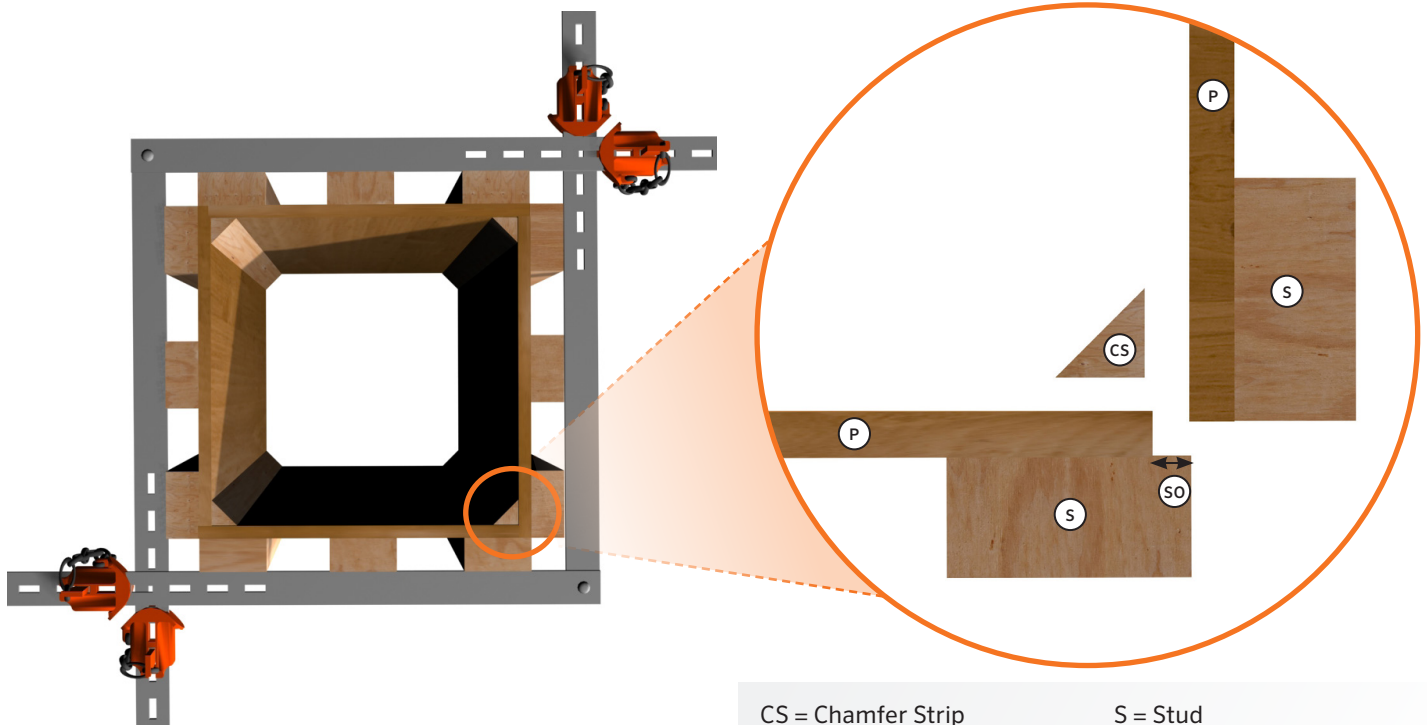
H = Column Height
Sn = Spacing Between Clamps
(starts 6" from the ground)

CHAMFER STRIP & CORNER SETUP

Nail 2x4 or 2x6 Studs on to plywood panel at equal spacing. One vertical stud will always hang out 3/4" over one end of the plywood. All 4 sides interlock together easily with this method. Ellis Column Form Clamps hold 4 plywood form sides while Ellis Castings automatically square the forms as the Column Clamps are tightened. Refer to the Ellis MFG Column Form Designer App (on ellismanufacturing.com) for all design specs related to this document. If you have questions please contact Ellis MFG by phone or email.

DIAGRAM C: TOP VIEW

DIAGRAM D: CORNER VIEW



CS = Chamfer Strip S = Stud
 SO = 3/4" Stud Over Hang
 P = Panel Material

Notes
