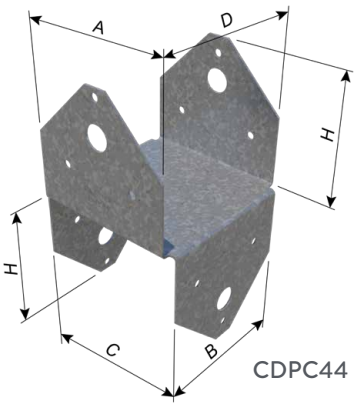
Post Cap

The CDPC is a one-piece designed post cap with no spot welds as possible weak points. Acts as both a post cap and post base.



CDPC44

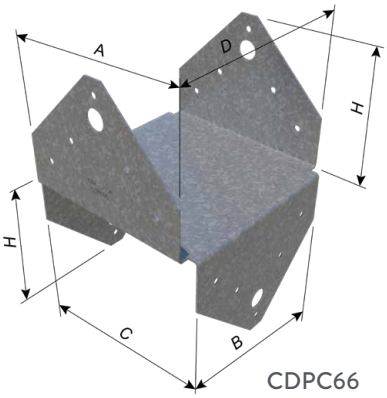
MATERIAL SPECIFICATIONS

Gauge: 18ga (43mil)
Design Thickness: 0.0451 inches
Coating: G90 (Z275) hot-dipped galvanized coating (G185 available)
Yield Strength: Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

CDPC44
Post Size: 4 x 4
A: 3-1/4"
B: 3-1/4"
C: 3-9/16"
D: 3-9/16"
H: 3"

CDPC66
Post Size: 6 x 6
A: 5"
B: 5"
C: 5-1/2"
D: 5-1/2"
H: 3-3/4"



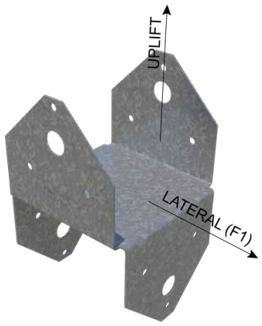
CDPC66

CODE REPORT

- DrJ Engineering LLC TER-2211-03

Post Cap (CDPC44)

Load Orientation	Fasteners				Allowable Loads (lbs)					
	Post		Beam		Spruce Pine-Fir (0.42 Specific Gravity)		Douglas Fir-Larch (0.50 Specific Gravity)		Southern Pine (0.55 Specific Gravity)	
	Fastener	Qty	Fastener	Qty	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60
Uplift	0.165" x 3-1/2" Nail	6	0.165" x 3-1/2" Nail	6	440	440	680	680	795	795
Lateral (F1)					525	525	610	610	665	665
Uplift	#9 x 3" Screw	6	#9 x 3" Screw	6	325	340	485	510	525	550
Lateral (F1)					420	490	485	570	525	620



Notes:

For SI: 1 inch = 25.4 mm, 1 pound (lb) = 4.45 N

1 Allowable loads shall be selected based on the load duration as permitted by the applicable building code.
2 F_1 direction is parallel to the substrate member. (see illustration)

Post Cap (CDPC66)

Load Orientation	Fasteners				Allowable Loads (lbs)					
	Post		Beam		Spruce Pine-Fir (0.42 Specific Gravity)		Douglas Fir-Larch (0.50 Specific Gravity)		Southern Pine (0.55 Specific Gravity)	
	Fastener	Qty	Fastener	Qty	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60	C_D = 1.00	C_D = 1.60
Uplift	0.165" x 3-1/2" Nail	10	0.165" x 3-1/2" Nail	10	855	905	1040	1040	1040	1040
Lateral (F1)					1245	1330	1445	1545	1565	1640
Uplift	#9 x 3" Screw	10	#9 x 3" Screw	10	545	585	720	720	780	780
Lateral (F1)					700	1010	810	1170	875	1265

Notes:

For SI: 1 inch = 25.4 mm, 1 pound (lb) = 4.45 N

1 Allowable loads shall be selected based on the load duration as permitted by the applicable building code.
2 F_1 direction is parallel to the substrate member. (see illustration)