

## CC33: 3/4" Channel Clip - Drywall Bridging Connector with ProSTUD Drywall Studs

**Material:** 33-Mil (20-ga.) carbon steel

**Finish:** Galvanized (G90)

**Installation:** Use with 3/4" x 54-Mil (16-ga.) u-channel installed through the ProSTUD web knockouts, and insert the FBDWC through the knockout so that the FBDWC slots engage the ProSTUD web and the FBDWC flanges engage the u-channel.

**Screws:** Use #8 screws to fasten the FBDWC to the u-channel

Bridging ID	Stud Section	Stud thickness, mils	Allowable Torsional Moment (in-lbs.)	
			1 - #8 Screw	2 - #8 Screw
CC33	362PDS125	PDS125-15	50	70
		PDS125-19	70	90
		PDS125-22	85	100
		PDS125-30	90	125
		PDS125-33	90	135
	600PDS125	PDS125-15	70	85
		PDS125-19	95	100
		PDS125-22	95	100
		PDS125-30	100	125
		PDS125-33	100	140

Notes:

- Allowable loads are based on cold-formed steel studs with a minimum yield strength specified for ProSTUD Members.
- Allowable loads are based on 54 mil (16 ga.) u-channel bridging with a minimum yield strength,  $F_y=33\text{ksi}$  and tensile strength,  $F_u=45\text{ksi}$ .
- Allowable loads consider the bridging connection only. It is the responsibility of the designer to verify the strength and serviceability of the framing members.
- Allowable loads are based on #8 self-drilling screws with a nominal diameter of 0.164-in and a head diameter of 0.272-in. Fasteners must have a minimum nominal shear strength,  $P_{ss}=1278\text{-lbs}$  and a nominal tensile strength,  $P_{ts}=586\text{-lbs}$
- Screw shear strength is the average value, and tension strength is the lowest value listed on CFSEI Tech Note (F701-12).
- Allowable loads may not be increased for wind or seismic load
- Allowable loads are for use when utilizing ASD (Allowable Stress Design) methodology. For LRFD loads multiply the ASD tabulated values by 1.6