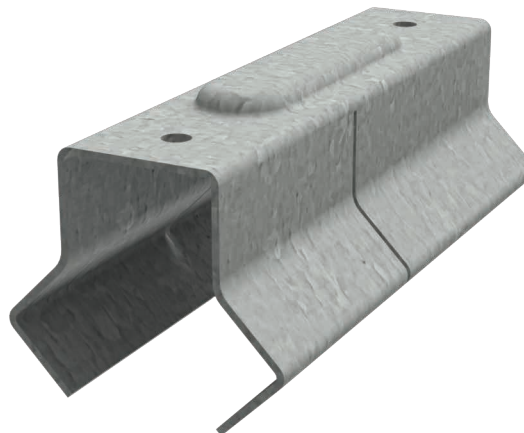


## CC33 3/4" Channel Clip

33mils (20 gauge) lateral bracing clip used to secure 3/4" U-channel (cold-rolled channel) to drywall studs.

The ClarkDietrich CC33 clip is used to secure U-Channel or Cold-Rolled Channel (CRC) to non-structural wall studs. The wall stud friction fit design allows for as few as one screw for the connection to the U-Channel.

The CC33 clip is a stiffened, G90 galvanized steel clip that's tested and designed to facilitate the rapid, efficient installation of 3/4" U-Channel lateral bracing for non-structural interior wall framing constructed of ProSTUD® Drywall Framing or non-structural studs. The CC33 clip should not be used in studs over 6" wide.



### PRODUCT DIMENSIONS

Made to fit over 3/4" U-Channel and inside a drywall punchout.

**Packaging:** (200) pieces per bucket

**Product weight:** 0.12 lb/piece

### MATERIAL SPECIFICATIONS

**Gauge:** 20 gauge (33mils)

**Design Thickness:** 0.0346 inches

**Coating:** G90

**Yield Strength:** 33ksi

**ASTM:** C645, A1003

### ALTERNATIVE PRODUCTS

- U-Channel with SwiftClip™ LS-Series™ Support Clip
- Spazzer® 9200 Bridging Bar

### INSTALLATION

CC33 clips are fastened using #8 self-drilling screws driven through the clip hole into the U-Channel. More than one screw may be needed depending on design. Design loads & tables can be found at [clarkdietrich.com](http://clarkdietrich.com).



### CC33 3/4" Channel Clip (CC33)

Product code	Thickness		Packaging Pcs./Bucket
	Mils (Gauge)	Design thickness (in)	
CC33	33mils (20ga)	0.0346	200

U.S. Patent No. D822,455

## CC33 3/4" Channel Clip

## DRYWALL BRIDGING CONNECTOR W/ PROSTUD DRYWALL STUDS

Product code	Stud member	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 mils (16ga) 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.

## CC33 Maximum Bridging Distance (ft.)

Stud spacing (in)	Stud member	Stud thickness (mils)	Lateral Stud Pressure (psf)			
			5psf		10psf	
			1 - #8 Screw	1 - #8 Screw	2 - #8 Screw	2 - #8 Screw
12	362PDS125	PDS125-15	8	4	8	5
		PDS125-19	8	5	8	7
		PDS125-22	8	7	8	8
		PDS125-30	8	7	8	8
		PDS125-33	8	7	8	8
	600PDS125	PDS125-15	8	6	8	8
		PDS125-19	8	8	8	8
		PDS125-22	8	8	8	8
		PDS125-30	8	8	8	8
		PDS125-33	8	8	8	8
16	362PDS125	PDS125-15	6	3	8	4
		PDS125-19	8	4	8	5
		PDS125-22	8	5	8	6
		PDS125-30	8	5	8	7
		PDS125-33	8	5	8	8
	600PDS125	PDS125-15	8	5	8	6
		PDS125-19	8	6	8	6
		PDS125-22	8	7	8	7
		PDS125-30	8	7	8	8
		PDS125-33	8	7	8	8
24	362PDS125	PDS125-15	4	2	5	3
		PDS125-19	5	3	7	3
		PDS125-22	7	3	8	4
		PDS125-30	7	4	8	5
		PDS125-33	7	4	8	5
	600PDS125	PDS125-15	6	3	8	4
		PDS125-19	8	4	8	4
		PDS125-22	8	4	8	5
		PDS125-30	8	5	8	6
		PDS125-33	8	5	8	7

**Notes:**

- Tabulated maximum bridging distances are for ASD lateral pressures.
- Tabulated maximum bridging distances are based on the CC33 tested connection strength.
- Studs must be checked for unbraced length separately.
- Lateral pressures shall be determined based on the load combinations of the applicable building code.