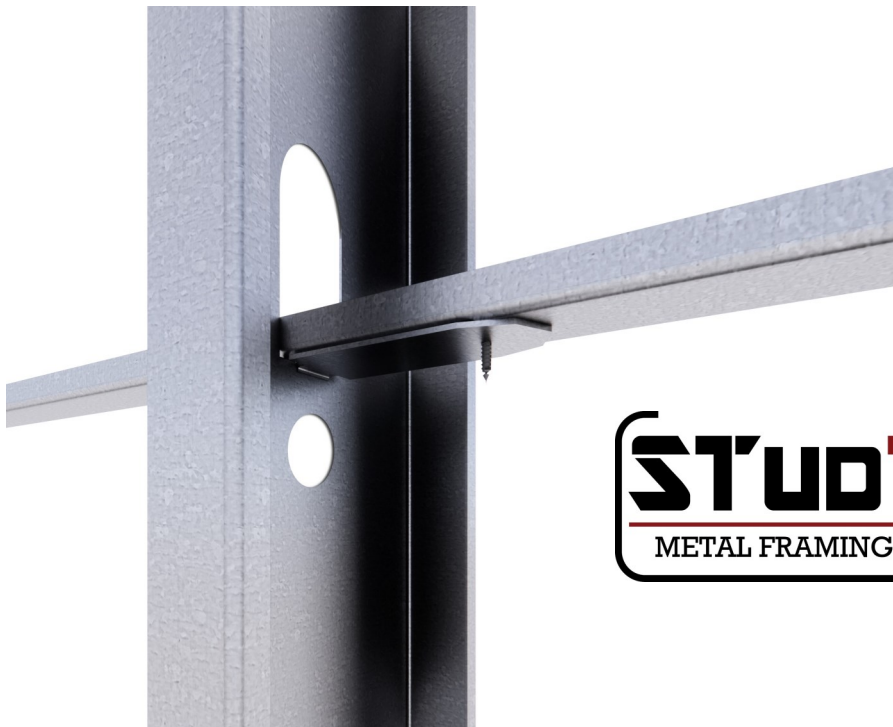


DCM METAL CORP

STUDTEK CLIPLESS STUD

DATA SHEET



Save money on labour costs and material

The STUDTEK CLIPLESS Stud uses the web of the steel stud to create a structural flap during the roll-forming process that replaces the use of conventional bridging clips for curtain wall and demising wall applications. CLIPLESS studs provide an economical solution vs. traditional bridging by fast-tracking the installation and eliminating the use of bridging clips, and by using only one fastener per flap.

As per CSA S136, AISI S100, CSSBI S5-2019 (The specification guide for wind bearing steel studs), it is standard practice in the industry to provide sufficient steel bridging to align members during erection and to provide the necessary structural integrity during construction as well as in the completed structure. All studs must have lateral bridging at 5'-0" on center or less to provide structural integrity and prevent rotational torsional buckling.

STUDEK CLIPLESS STUD

Ultimate strength tests were conducted on steel stud curtain walls constructed with STUDEK CLIPLESS STUD members in accordance with the specification guide for wind bearing steel studs.

Product Designator: member depth in 1/100ths inches + CLS (STUDEK CLIPLESS STUD) + material thickness in 1/1000ths inches. All studs are produced with 1-5/8" flanges.

Example: 362CLS-33 = 3-5/8" STUDEK CLIPLESS STUD 1-5/8" Flange 33 mils

STUDEK CLIPLESS STUD Allowable Loads					
Laterally Loaded Studs in psf - Ultimate Loads					
Studs 16" o.c.	362CLS-33	362CLS-43	600CLS-33	600CLS-43	800CLS-43
		122	134	178	224



Based on test data for lateral load testing, STUDEK CLIPLESS STUD provides a solid wall stud bridging system to resist torsional rotation in curtain wall applications, and is an acceptable alternate to the conventional bridging system that uses bridging clips with carrying channel.

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Testing:

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Report Number 22010397
Report Date March 15, 2023



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Material:

STUDEK CLIPLESS STUD is available in 3-5/8", 6", and 8" web sizes x 1-5/8" flange, 33mils (20ga) - 68mils (14ga) and current curtain wall limiting heights tables apply.

Tensile Strength: 33 mils (20ga) and 43 mils (18ga) framing products are produced with 33ksi steel. 54 mils (16ga) and 68 mils (14ga) products are produced with 50ksi steel.

Standard coating: G60 (G90 available on request).
All studs are color coded for easy identification.

Manufactured in accordance with CAN/CSA S-136-16 (North American specification for the design of cold-formed steel structural members), ASTM A653/A653M (Standard for steel sheet, zinc-coated (galvanized) or zinc-iron alloy-coated by the hot-dip process), ASTM C645 (Standard specification for non-structural steel framing members), and Standard CSSBI 61-18 (Manufacturer Certification Requirements for Cold Formed Steel Framing Members - Certificate of Registration reference number Q107858).