



Super Stud Product Submittal

New Jersey Facility

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Mississippi Facility

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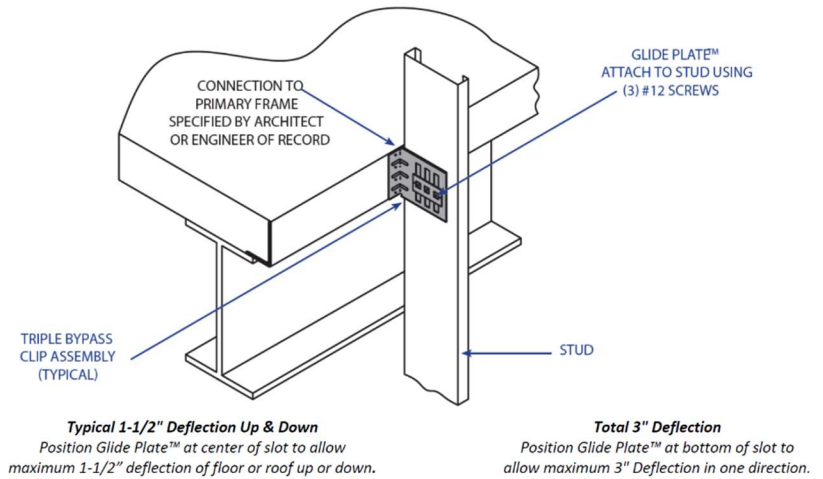
Super Stud Bypass Clip

Specification Section: 05.40.00
(Cold-Formed Metal Framing)

Design Thickness: 0.1017 in
Min. Steel Thickness: 0.0966 in
Yield Strength, F_y 50 ksi
Coating: G90

Dimensions:

SSTB-362: 3.625" x 5" x 1.5"
SSTB-600: 6" x 5" x 1.5"
SSTB-800: 8" x 5" x 1.5"
SSTB-1000: 10" x 5" x 1.5"
SSTB-1200: 12" x 5" x 1.5"



The Super Stud Triple Bypass clips are used to support exterior wall studs that extend past a roof or floor. The short leg is connected to the edge of the slab or perimeter beam via either #12 screws or a 5/8" diameter large center hole which accommodates up to 1/2" diameter anchors. The slotted leg of the clip is connected to the exterior wall stud via standard #12 screws inserted through the patented Glide Plate™. This allows for up to 3" of total vertical movement of the floor or roof without any additional axial load on the stud.

Product Attributes:

1. Glide Plate™ allows the use of ANY #12 hex-head or pan-head screw: no special "shouldered" screws required.
2. Heavy-duty construction with thicker steel provides some of the best capacities in the industry for bypass slide clips.
3. No need for the installer to "back off" screws to prevent clamping action: Glide Plate™ allows for screws to be driven fully, saving time and labor.
4. Reversible – doesn't matter which way the stud is turned.
5. Strength and durability: Both Glide Plate™ and clip are made with prime 12 gauge G90 galvanized ASTM A653 steel, with a minimum 50 ksi yield.
6. 3 1/2" tall slots – the tallest in the industry – allow a full 3" of free movement.
7. Glide Plate™ provides a full 1/2" of bearing along each slot. The Glide Plate™ locks screws together to work as a unit distributing the load and reducing the likelihood of individual screw shear. Even if one or more screws are stripped, the Glide Plate™ allows the clip to perform almost as if no screws were stripped.
8. All holes are pre-punched, and clip is pre-assembled with Glide Plate™ taped to center position of slot.
9. Embossed guide marks on Glide Plate™ allow for perfect alignment at the top, middle, or bottom of slot.

Sustainability

For LEED letters contact Technical Services at technical@buysuperstud.com or visit <https://www.buysuperstud.com/specs-resources/sustainability-and-green-building>

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Codes and Standards

Super Stud products comply with the applicable provisions of the following:

International Building Code (IBC): 2006 – 2024

Sheet steel: ASTM A1003/A1003M; ASTM A653/A653M

Galvanized coating: ASTM A653/A653M

Members and tolerances: ASTM C955; AISI S240, AISI S201, AISI S202

Meets ASTM C1007 when installed properly in structure.

Bypass Clips covered by
US patent 6213679

Allowable Design Loads – SSDB & SSTB

Stud Material Thickness (Inches / mm.)	Stud Gauge	Fy: Stud Yield Strength (KSI)	Allowable Load Double Bypass 2 slots (Lbs.)	Allowable Load Triple Bypass 3 slots (Lbs.)
0.033 / 0.84	Structural 20	33	Results Pending	Results Pending
0.043 / 1.09	18	33	Results Pending	Results Pending
0.054 / 1.37	16	50	1200	1850
0.068 / 1.73	14	50	1200	1850
0.097 / 2.46	12	50	1200	1850

DETAIL TO BE VERIFIED WITH ARCHITECT / ENGINEER OF RECORD PRIOR TO INSTALLATION.

SSTB-362



SSTB-600



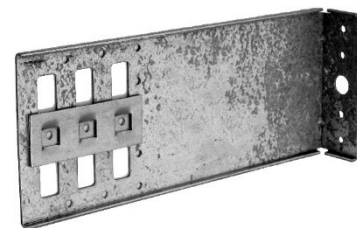
SSTB-800



SSTB-1000



SSTB-1200



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