

Product Name: 400CTSTUD18 **AISI Nomenclature:** n/a
Product Category: Nonstructural Metal Stud Framing: Specification Section 09 22 16
Product Desc: 4 inch deep 18 CT Shaft wall stud; Includes cavity for 1 inch gypsum liner panel with tabs at 18 inch o.c. Has 1 inch diameter punchouts for wiring.
Available Coatings: G40 (standard); G60, or G90.
Thickness: Design = 0.0451 inch • Minimum = 0.0428400 inch • Mil = 43 mils • Gauge = 18
Flange width: 1-3/8 inch (front flange) • 1-5/8 inch (back flange) • Web Depth: 4 inch • Lip length: 1/4 inch

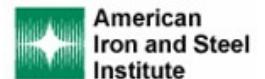
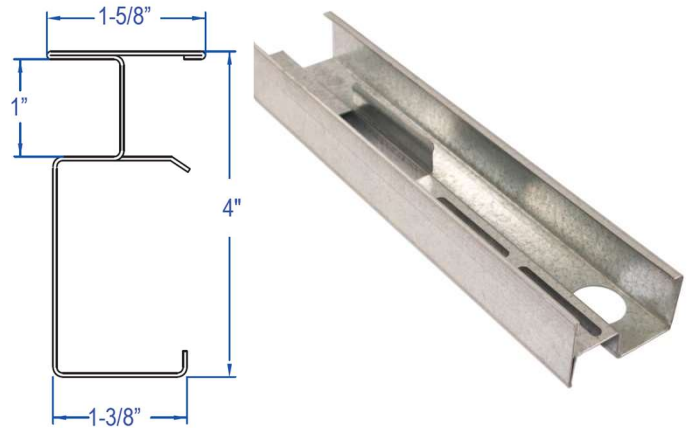
SECTION PROPERTIES

Gross Section Properties:

Cross Section Area (**A**):.38310 in²
Member Weight: 1.3025 pounds per foot
Moment of Inertia, strong axis (**I_x**): .81253 in⁴
Section Modulus "C" flange (**S_{xc}**): 0.3633 in³
Section Modulus "T" flange (**S_{xt}**): 0.5085 in³

CODES & STANDARDS

Super Stud products comply with the applicable provisions of the following:
International Building Code (IBC) 2006 - 2015
Sheet Steel: ASTM A1003 & ASTM A653
Galvanized Coating: ASTM A653
Members & Tolerances: ASTM C645
Meets ASTM C754 when installed properly in structure



¹ Limiting heights are based on Warnock Hersey test reference WHI-495-TRL-0206/0225, issued August 4, 1995. Values based on deflection limits with adjustment to conform to a minimum safety factor of 1.5 for ultimate ending strength and end reaction.

The Super Stud Building Products Family of Companies

