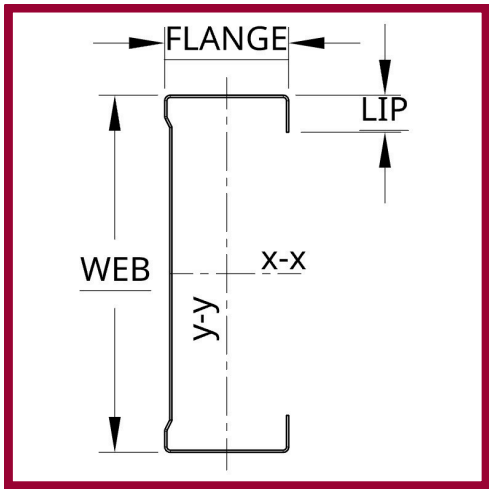
600S125-18

Product category	1.25 in Flange Nonstructural
Product description	Stud, Depth (Web) 6", Width (Flange) 1.25", Thickness 18 mils - 20 ga EQ
Coating weight	G40 (Heavier coating on request)
Color coding	
Min Yield Strength	33 ksi (higher ksi on request)



Geometric Properties

Thickness	18 mils
Web Width	6 in
Flange Height	1.25 in
Return Lip Length	0.25 in

Used in framing applications:

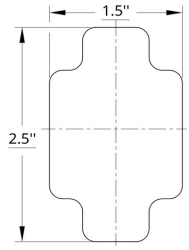
Composite Drywall InteriorParitions
Non-load bearing Walls
Concrete Wall Fur Out
Drop Ceilings

LEED - v4 & v4.1 Contributing Credits

FSFTM uses steel with a high mass of recylced content. Contact us for HPD and EPD.
Credit MR 2.1/2.2 – Construction Waste Management
Credit MR 4.1/4.2 - Recycled Content Credit Intent
Credit MR 5.1/5.2 – Regional Materials

ASTM and AISI Code Standards

Material Specifications	Min Yield	Min Tensile	Minimum Metallic Coating Designation
ASTM A653, SS Grade 33	33 ksi	45 ksi	G60
ASTM A1003, Grade 33 Type H (ST33H)	33 ksi	45 ksi	G601, A601, AZ502, GF303
ASTM A653, SS Grade 50 Class 1	50 ksi	65 ksi	G60
ASTM A1003, Grade 50 Type H (ST50H)	50 ksi	65 ksi	G601, A601, AZ502, GF303
ASTM A653 HSLA Grade 50	50 ksi	65 ksi	G60



Florida Steel Frame & Trusses Manufacturing comply with:

ICC ESR-3064P – SSMA – 2023
SSMA Technical Guide
IBC 2021 International Building Code
FBC 2023 Florida Building Code
IRC 2021 International Residential Code

Service Holes (Punches)

12" OC from leading edge
48" OC from first punch
No more than 24" OC from trailing edge

Please contact our team for additional information on the following:

Service punchout, dimples, submitttal information, MTRs and testing reports, limiting wall heights

Gross Properties

Area (in2)	Weight (lb/ft)	Ixx (in4)	Rx (in)	Iyy(in4)	Ry(in)
0.162	0.55	0.778	2.189	0.024	0.382

Effective Properties

Ixx (in4)	Sxx (in3)	Ma-L (in-k)	Ma-D (in-k)	Vag (lb)
-	-	-	-	-

Torsional Properties

~~Jx1000 (in4)~~	Cw (in6)	Xo(in)	m (in)	Ro (in)	ß	Lu (in)
0.019	0.172	-0.623	0.408	2.308	0.927	22.7