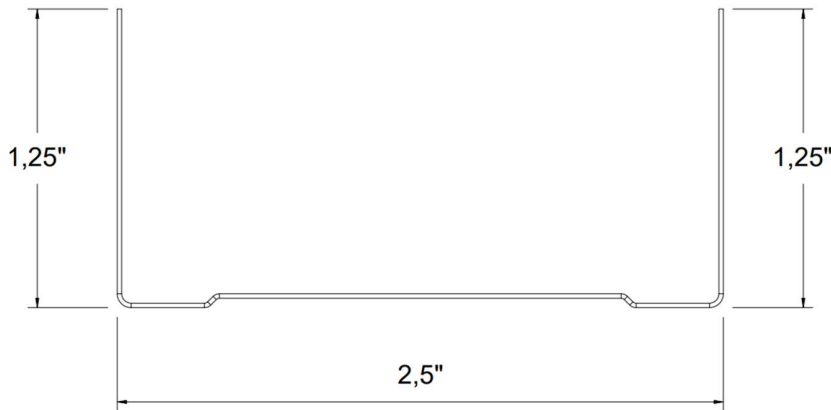


**Product Type:** Drywall Track  
**Product Definition:** 250T125-18 33ksi  
**CSI Code:** 09.22.16.13



### Profile Properties:

Web Depth	2,500 in	Yield Strength:	33 ksi
Flange Width	1,250 in	Unit Weight	0,31 lb/ft
Design Thickness	0,0188 in	Finish	G40
Minimum Thickness	0,0179 in	Color Coding	None

### Gross Section Properties:

Cross Sectional Area	Agross	0,0940 in <sup>2</sup>
Moment of Inertia, x-axis	Ix	0,0936 in <sup>4</sup>
Radius of Gyration, x-axis	rx	1,0089 in
Moment of Inertia, y-axis	Iy	0,0148 in <sup>4</sup>
Radius of Gyration, y-axis	ry	0,4014 in

### Torsional Properties:

St. Venant Torsion Constant	J x 1000	0,0108 in <sup>4</sup>
Warping Constant	Cw	0,0154 in <sup>6</sup>
Distance Between Shear Axis and Neutral Axis	x0	-0,7758 in
Polar Radius of Gyration	r0	1,3345 in
Torsional Flexural Constant	β	0,6621
Limit of Unbraced Length	Lu	36,35 in





## Effective Section Properties:

Effective Area	A <sub>eff</sub>	0,0838 in <sup>2</sup>
Effective Moment of Inertia for Deflection	I <sub>xe</sub>	0,0600 in <sup>4</sup>
Effective Section Modulus	S <sub>xe</sub>	0,0523 in <sup>3</sup>
Allowable Bending Moment	M <sub>a</sub>	0,7000 in.K
Allowable Shear Force	V <sub>ag</sub>	264 lbs

## Codes & Standards:

- Calculations are based on AISI S220-20 and AISI S100-16.
- Complies with IBC2021, ASTM C645, ASTM C754, ASTM A653, ASTM A1003, ASTM E72
- Intertek Certificate of Compliance No: COC-WHI23-37729201
- LEED / Sustainability Credits: Environmental Product Declaration S-P Code: S-P-00869

