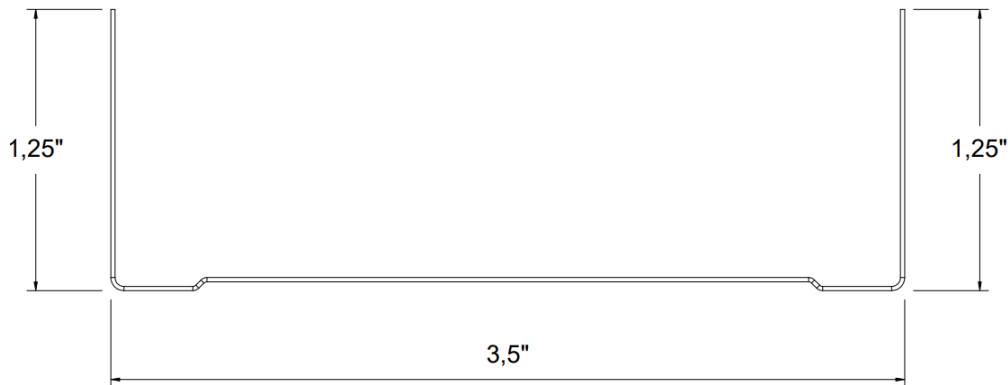


Product Type: Drywall Track

Product Definition: 350T125-18 33ksi

CSI Code: 09.22.16.13



Profile Properties:

Web Depth	3,500 in	Yield Strength:	33 ksi
Flange Width	1,250 in	Unit Weight	0,38 lb/ft
Design Thickness	0,0188 in	Finish	G40
Minimum Thickness	0,0179 in	Color Coding	None

Gross Section Properties:

Cross Sectional Area	Agross	0,1127 in ²
Moment of Inertia, x-axis	Ix	0,2114 in ⁴
Radius of Gyration, x-axis	rx	1,3699 in
Moment of Inertia, y-axis	Iy	0,0155 in ⁴
Radius of Gyration, y-axis	ry	0,3709 in

Torsional Properties:

St. Venant Torsion Constant	J x 1000	0,0133 in ⁴
Warping Constant	Cw	0,0357 in ⁶
Distance Between Shear Axis and Neutral Axis	x0	-0,640 in
Polar Radius of Gyration	r0	1,5568 in
Torsional Flexural Constant	β	0,8110
Limit of Unbraced Length	Lu	31,50 in

Effective Section Properties:

Effective Area	Aeff	0,0968 in ²
Effective Moment of Inertia for Deflection	Ixe	0,1610 in ⁴
Effective Section Modulus	Sxe	0,0792 in ³
Allowable Bending Moment	Ma	1,2775 in.K
Allowable Shear Force	Vag	180 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