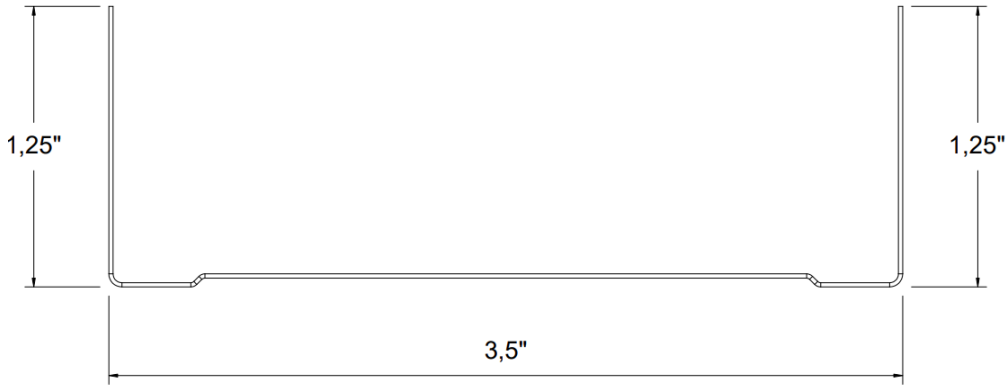


Product Type: Drywall Track

Product Definition: 350T125-33 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	0,70 lb/ft
Design Thickness	0,0346 in	Finish	G40
Minimum Thickness	0,0329 in	Color Coding	None

Gross Section Properties:

Cross Sectional Area	Agross	0,2068 in ²
Moment of Inertia, x-axis	Ix	0,3901 in ⁴
Radius of Gyration, x-axis	rx	1,3735 in
Moment of Inertia, y-axis	Iy	0,0280 in ⁴
Radius of Gyration, y-axis	ry	0,3681 in

Torsional Properties:

St. Venant Torsion Constant	J x 1000	0,0825 in ⁴
Warping Constant	Cw	0,0651 in ⁶
Distance Between Shear Axis and Neutral Axis	x0	-0,634 in
Polar Radius of Gyration	r0	1,5570 in
Torsional Flexural Constant	β	0,8130
Limit of Unbraced Length	Lu	34,97 in



Effective Section Properties:

Effective Area	Aeff	0,1915 in ²
Effective Moment of Inertia for Deflection	Ixe	0,3384 in ⁴
Effective Section Modulus	Sxe	0,1757 in ³
Allowable Bending Moment	Ma	3,1640 in.K
Allowable Shear Force	Vag	945 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