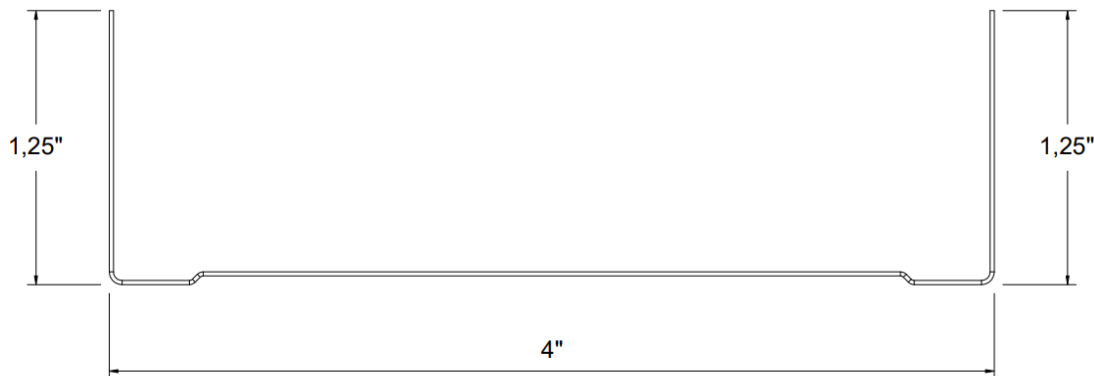


Product Type: Drywall Track
Product Definition: 400T125-18 20EQ
CSI Code: 09.22.16.13



Profile Properties:

Web Depth	4,000 in	Yield Strength:	50 ksi
Flange Width	1,250 in	Unit Weight	0,41 lb/ft
Design Thickness	0,0188 in	Finish	G40
Minimum Thickness	0,0179 in	Color Coding	None

Gross Section Properties:

Cross Sectional Area	Agross	0,1221 in ²
Moment of Inertia, x-axis	Ix	0,2885 in ⁴
Radius of Gyration, x-axis	rx	1,5374 in
Moment of Inertia, y-axis	Iy	0,0160 in ⁴
Radius of Gyration, y-axis	ry	0,3619 in

Torsional Properties:

St. Venant Torsion Constant	J x 1000	0,0144 in ⁴
Warping Constant	Cw	0,0485 in ⁶
Distance Between Shear Axis and Neutral Axis	x0	-0,6020 in
Polar Radius of Gyration	r0	1,6903 in
Torsional Flexural Constant	β	0,8731
Limit of Unbraced Length	Lu	23,34 in



Effective Section Properties:

Effective Area	Aeff	0,0954 in ²
Effective Moment of Inertia for Deflection	Ixe	0,2056 in ⁴
Effective Section Modulus	Sxe	0,0849 in ³
Allowable Bending Moment	Ma	1,9733 in.K
Allowable Shear Force	Vag	150 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