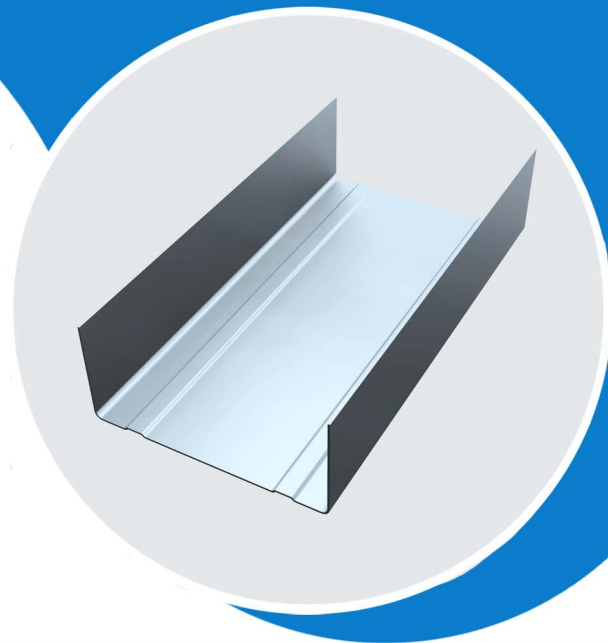


Tracks (T)



MATERIAL	
Web (in)	6
Flange (in)	2
Yield Strength Fy (KSI)	33, 50
Tensile Strength Fu (KSI)	45, 65
Design Thickness (in)	0.0713
Minimum Thickness (mil)	68
Gauge	14
Available Finish G60, G90	

GROSS SECTION PROPERTIES	
Weight of Member: (lb/ft)	2.42
Cross Sectional Area: A (in ²)	0.712
Moment of Inertia: Ix (in ⁴)	3.991
Section Modulus: Sx (in ³)	1.277
Radius of Gyration: Rx (in)	2.368
Moment of Inertia: Iy (in ⁴)	0.254
Radius of Gyration: Ry (in)	0.597

EFFECTIVE SECTION PROPERTIES		
Yield Stress (ksi)	33	50
Moment of Inertia-Deflection: Ixe (in ⁴)	3.700	3.544
Section Modulus: Sxe (in ³)	1.035	0.97
Allowable Bending Moment: Ma (in-k)	20.46	29.17
Allowable Shear Force: Va (lb)	4348	5352
(check web crippling)		

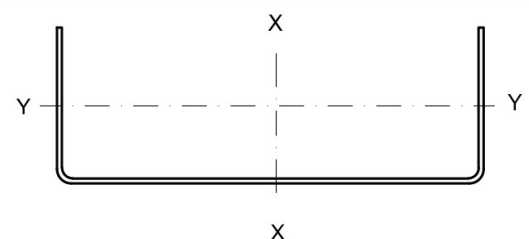
TORSIONAL SECTION PROPERTIES	
St. Venant Torsional Constant: Jx1000 (in ⁴)	1.206
Torsional Warping Constant: Cw (in ⁶)	1.746
Shear Center to Centroid on Principal X-axis: Xo (in)	-1.031
Radius of Gyration on the Centroid Principal axis: Ro (in)	2.651

PRODUCT ID

600T200-68 (6x2x14ga)

CODES & STANDARDS

- ASTM A 1003, A 653, & C 955
- AISI S100-16



See Hermes/Hephaistos Technical Manual
for complete design data