



	Imperial	Metric
Overall height	6.56 in	166.60 mm
Base width	5.00 in	127.00 mm
Width, inverted top hat section	3.20 in	81.30 mm
Cross sectional area (excluding nailing strip)	2.56 in ²	1652.10 mm ²
Nominal weight (excluding nailing strip)	3.07 lb / ft	4.60 kg / m
Center of gravity from bottom left corner		
Xc	3.50 in	64.50 mm
Yc	2.62 in	66.50 mm
Distance of neutral axis from top	3.94 in	100.10 mm
Modulus of Elasticity	10150000 lb / in ²	70000 N / mm ²
Moment of inertia		
Ixx	16.23 in ⁴	6756393 mm ⁴
Iyy	2.57 in ⁴	1071779 mm ⁴
Ixy	0.00 in ⁴	694.30 mm ⁴
Section Modulus		
Sxx top	4.12 in ³	67496.40 mm ³
Sxx bottom	6.20 in ³	101599.90 mm ³
Syy	1.03 in ³	16878.40 mm ³
Radius of Gyration		
rx	2.52 in	63.90 mm
ry	1.00 in	25.50 mm
Allowable Shear	7.01 kips *	31.20 kN *
Allowable Bending Moment (top flange in compression)	70.29 kip-in *	7.90 kN·m *
Allowable Bending Moment (bottom flange in compression)	80.82 kip-in *	9.10 kN·m *

* Allowable loads include a safety factor of 2.2