



Sales@contractorsteelsystems.com

Product Submittal Data

Job Information

Project Name: This is a project name

Company Name: Test company

Phone Number: 555-555-1234

Email: peterkmorrison@gmail.com

Fax Number: 444-555-1234

GC: The General

Phone Number: 555-123-1234

Architect: Archie

Phone Number: 123-444-1234

Date:

03/08/2019

Additional Information:

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Contractor Steel Systems

1470 Dale Ct
Austel, GA 30168
Phone: 919.880.5875

Contractor Steel Systems – Product Submittal Data

Product Name: 600T125-43

Properties:

A. Web (in): 6"	Yield Strength F_y (KSI): 33
B. Flange (in): 1 1/4"	Design Thickness: 0.0451
Mils: 43	Min. Thickness: 0.0428
Finish: G60	Gauge: 18

Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)	1.380
Cross Sectional Area: A (in ²)	0.405
Moment of Inertia: I_x (in ⁴)	2.072
Section Modulus about the X-axis: S_x (in ³)	0.673
Radius of Gyration: R_x (in)	2.261
Gross Moment of Inertia: I_y (in ⁴)	0.073
Gross Radius of Gyration: R_y (in)	0.424

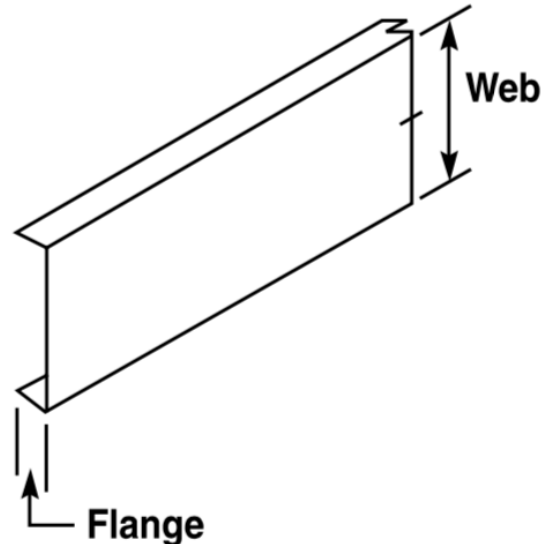
Effective Section Properties:

Moment of Inertia-Deflection: I_x (in ⁴)	1.890
Section Modulus: S_x (in ³)	0.474
Allowable Moment: M_a (in-k)	9.360

Torsional Properties:

Shear Center to Centroid on Principal X-axis: X_o (in)	-0.680
St. Venant Torsional Constant: Jx10³ (in ⁴)	0.2750
Torsional Warping Constant: C_w (in ⁶)	0.504
Radius of Gyration on the Centroid Principal axis: R_o (in)	2.398
Torsional Flexural Constant: $\beta=1-(x_o/R_o)^2$	0.9196

Metal Track



Codes & Standards

- Meets or tested to: ASTM C 955
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

Contractor Steel Systems – Product Submittal Data

Product Name: 362T250-43

Properties:

A. Web (in): 3 5/8"	Yield Strength F_y (KSI): 33
B. Flange (in): 2 1/2"	Design Thickness: 0.0451
Mils: 43	Min. Thickness: 0.0428
Finish: G60	Gauge: 18

Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)	1.320
Cross Sectional Area: A (in ²)	0.389
Moment of Inertia: I_x (in ⁴)	0.966
Section Modulus about the X-axis: S_x (in ³)	0.510
Radius of Gyration: R_x (in)	1.577
Gross Moment of Inertia: I_y (in ⁴)	0.260
Gross Radius of Gyration: R_y (in)	0.818

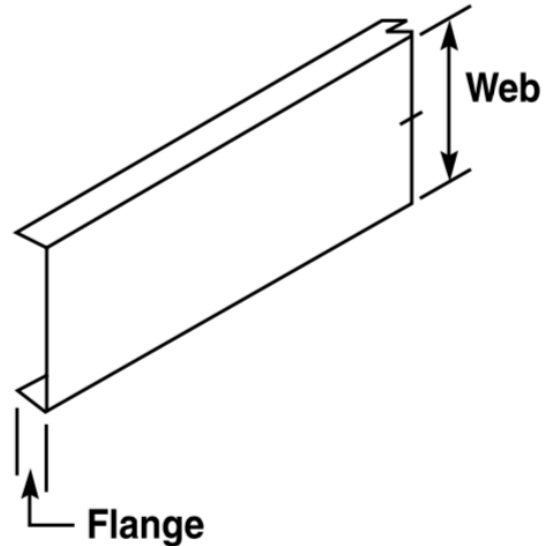
Effective Section Properties:

Moment of Inertia-Deflection: I_x (in ⁴)	0.713
Section Modulus: S_x (in ³)	0.281
Allowable Moment: M_a (in-k)	5.560

Torsional Properties:

Shear Center to Centroid on Principal X-axis: X_o (in)	-1.702
St. Venant Torsional Constant: Jx10³ (in ⁴)	0.263
Torsional Warping Constant: C_w (in ⁶)	0.641
Radius of Gyration on the Centroid Principal axis: R_o (in)	2.460
Torsional Flexural Constant: β=1-(x_o/R_o)²	0.521

Metal Track



Codes & Standards

- Meets or tested to: ASTM C 955
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information

Contractor Steel Systems – Product Submittal Data

Product Name: 600T250-43

Properties:

A. Web (in): 6"	Yield Strength F_y (KSI): 33
B. Flange (in): 2 1/2"	Design Thickness: 0.0451
Mils: 43	Min. Thickness: 0.0428
Finish: G60	Gauge: 18

Section Properties:

Gross Section Properties:

Weight of Member: (lb/ft)	1.690
Cross Sectional Area: A (in ²)	0.496
Moment of Inertia: I_x (in ⁴)	2.916
Section Modulus about the X-axis: S_x (in ³)	0.946
Radius of Gyration: R_x (in)	2.425
Gross Moment of Inertia: I_y (in ⁴)	0.303
Gross Radius of Gyration: R_y (in)	0.781

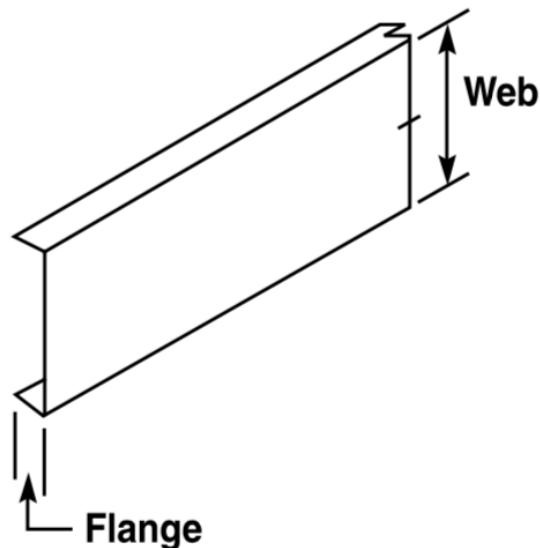
Effective Section Properties:

Moment of Inertia-Deflection: I_x (in ⁴)	2.269
Section Modulus: S_x (in ³)	0.563
Allowable Moment: M_a (in-k)	11.13

Torsional Properties:

Shear Center to Centroid on Principal X-axis: X_o (in)	-1.436
St. Venant Torsional Constant: Jx10³ (in ⁴)	0.336
Torsional Warping Constant: C_w (in ⁶)	2.004
Radius of Gyration on the Centroid Principal axis: R_o (in)	2.925
Torsional Flexural Constant: $\beta=1-(x_o/R_o)^2$	0.759

Metal Track



Codes & Standards

- Meets or tested to: ASTM C 955
- Galvanized steel sheet meets ASTM A 1003 & A653

Green Info

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