



Track Brochure

Galvanized

Information

Members

The members represented in this publication are typically produced in G60, grade 50 cold formed steel. G90 is available upon request but may require longer lead times.

Documentation

This document is subject to change without notice. Please contact B&M Metals to make sure that you have the latest edition of this document.

Service Holes

Service holes in studs can be punched upon request. In the event that spacing for the service holes is not specified, they will be punched on 3 foot centers. Please contact B&M Metals for custom hole spacing or more details.

Steel Members Disclaimer

Use with product tables, details, and preliminary estimating only

1. Scope / Intended Use

- Reference use only. This brochure is a general product reference for preliminary review, estimating, and coordination. It is not a sealed design package.
- Engineer verification required. All spans, reactions, member adequacy, deflection, stability, bracing, connections, anchorage, and foundation requirements shall be verified by a licensed Professional Engineer in the project jurisdiction.
- Project-specific conditions govern. Final member selection depends on actual loads, unbraced length, end conditions, diaphragm action, serviceability limits, and governing code requirements.

2. Design / Fabrication

- Codes and standards. Verify design using the governing code and applicable standards, including current editions of AISC 360, ASCE/SEI 7, and MBMA references where applicable.
- Material and availability. Dimensions, grades, coatings, lengths, hole patterns, finishes, tolerances, and availability may vary by mill, supplier, and production schedule. Specifications are subject to change without notice.
- Fabrication and field changes. Shop drawings, weld procedures, bolt selection, detailing, substitutions, and field modifications must be reviewed and approved by the Engineer of Record before use.

3. Liability / Revision Control

- No warranty of fitness for design. Listed members and properties are provided without guarantee that they satisfy a specific building, loading case, or code condition.
- Tolerance / liability limitation. Sweep, camber, twist, finish variation, and minor dimensional variation may occur within accepted manufacturing tolerances.
- Confirm latest revision. Verify the latest brochure revision and current project criteria before ordering, engineering, or installation. Contact B&M Metals for updated data or project-specific support.

Suggested Reference Standards

- AISC 360-22 - Structural steel design
- ASCE/SEI 7-22 - Design loads
- MBMA Metal Building Systems Manual - 2024
- Applicable ASTM material specs per project documents

Other Notes

- Member weights and section properties are nominal unless noted otherwise.
- Connection details shown elsewhere are conceptual unless sealed by the Engineer of Record.
- Do not scale drawings. Use written dimensions only.
- Contact B&M Metals for updated data, custom members, or project support.

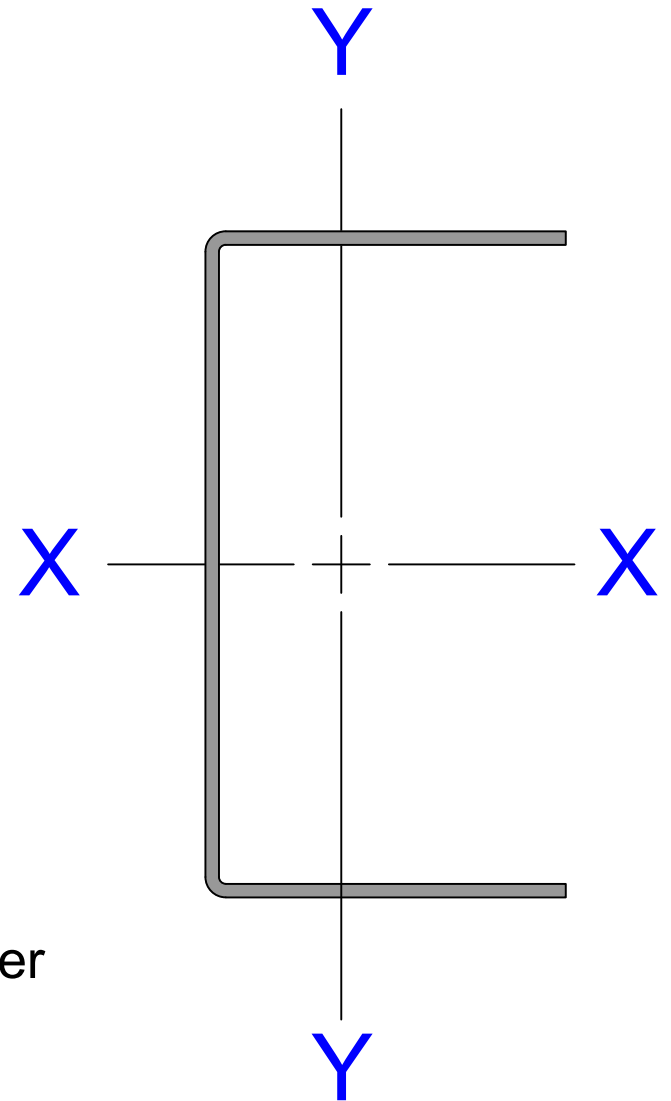
Quick Reference

Gross Properties

- I Moment of inertia of cross section about X,Y
- S Section modulus about X,Y
- r Radius of gyration of cross section about X,Y

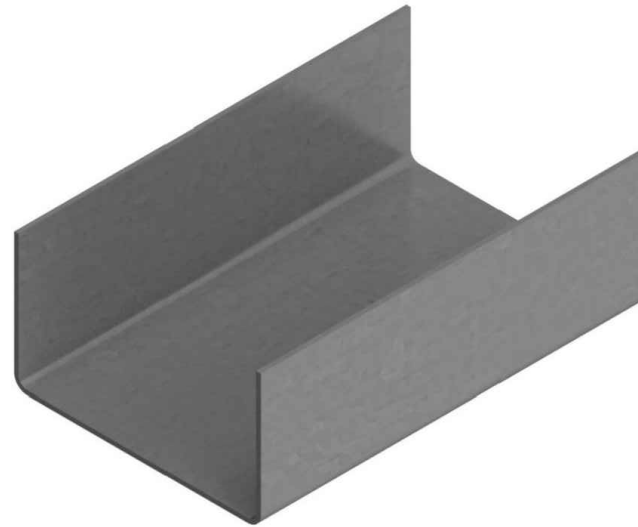
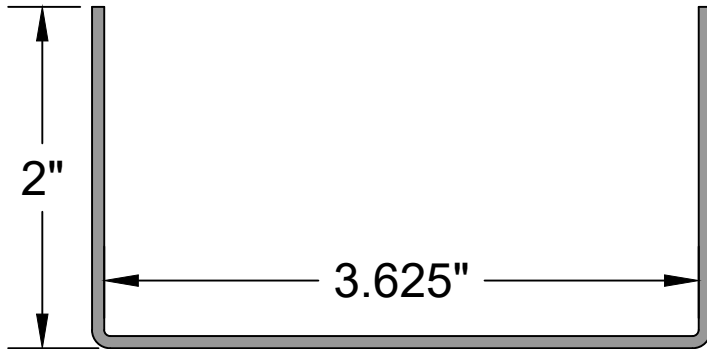
Effective Properties

- J Torsional Constant
- C_w Warping Constant
- X_o Shear Center Location
- R_o Polar Radius of Gyration about the shear center
- β Monosymmetry Constant



Steel Members Documentation

3 5/8" Track

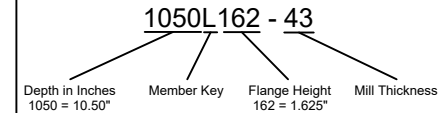


6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	362T200
Depth:	3.625"
Flange:	2"
Lip:	.0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown



Member Key

- S** = Stud (C Shaped)
- L** = Lintel (L Shaped)
- T** = Track (U Shaped)
- W** = I-Beam (I Shaped)
- E** = Eave Strut (C Shaped)
- D** = Double Eave Strut
- A** = Angle (2 Legs, 1 Angle)
- F** = Hat (Top Hat Shaped)
- B** = Box (Rectangle Shaped)
- Fl** = Strap/Flat (Flat Shaped)
- Z** = Zee (Z Shaped)

* All members shown in 14 gauge to show detail

Member	Gauge	Fy (ksi)	Area (in^2)	Weight (lbs/ft)	Gross Properties					Effective Properties			Coil
					I _x (in^4)	S _x (in^3)	R _x (in)	I _y (in^4)	R _y (in)	I _x (in^4)	M _d (ft-lb)	M _{da} (ft-lb)	Flat Width
362S200-25	24	50	.1874	.6540	.4126	.2276	1.4840	.0787	.6484	.1244	NA	NA	7.45"
362S200-30	22	50	.2119	.8775	.4675	.2569	1.4825	.0889	.6479	.3223	NA	NA	7.45"
362S200-33	20	50	.2859	.9852	.6808	.3605	1.5334	.1201	.6440	.4962	.49620	NA	7.45"
362S200-43	18	50	.3655	1.243	.8608	.4540	1.5347	.1507	.6422	.6661	684.09	NA	7.45"
362S200-54	16	50	.4339	1.476	1.031	.5393	1.5415	.1779	.6404	1.031	870.05	NA	7.45"
362S200-68	14	50	.5479	1.864	1.320	.6814	1.5525	.2226	.6374	1.152	1214.0	NA	7.45"
362S200-97	12	50	.7525	2.560	1.849	.9353	1.5678	.3006	.6321	1.758	1913.4	NA	7.45"
											Nominal		7.45"

*All calculations based on unpunched stud

** Full Sectional properties available upon request

362T200

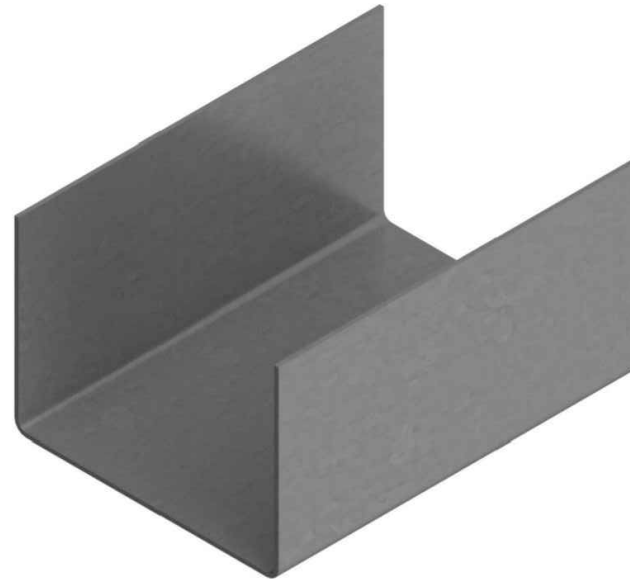
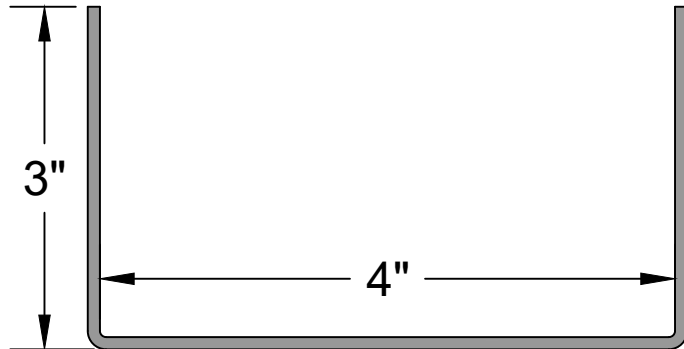
Mill - Gauge	Bend Radius
25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

Steel Members Documentation

4" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147



Member specs and limits

Name:	400T300`
Depth:	4"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43			
Depth in Inches 1050 = 10.50"	Member Key	Flange Height 162 = 1.625"	Mill Thickness

Member Key

- S** = Stud (C Shaped)
- L** = Lintel (L Shaped)
- T** = Track (U Shaped)
- W** = I-Beam (I Shaped)
- E** = Eave Strut (C Shaped)
- D** = Double Eave Strut
- A** = Angle (2 Legs, 1 Angle)
- F** = Hat (Top Hat Shaped)
- B** = Box (Rectangle Shaped)
- Fl** = Strap/Flat (Flat Shaped)
- Z** = Zee (Z Shaped)

* All members shown in 14 gauge to show detail

Member Name	G	ksi	Area	Weight	Width	Gross Properties (x)			Gross Properties (y)			Torsional Properties				
						lx	Sx	rx	ly	Sy	ry	J	Cw	Xo	Ro	β
400T200-54	16	50	0.443	1.508	7.77	0.848	0.424	1.383	0.098	0.064	0.470	0.00048	0.476	0.957	1.747	0.700
400T200-68	14	50	0.555	1.890	7.71	1.050	0.525	1.375	0.119	0.077	0.462	0.00096	0.584	0.946	1.732	0.702
400T200-97	12	50	0.753	2.562	7.60	1.393	0.696	1.360	0.150	0.097	0.447	0.00246	0.761	0.926	1.705	0.705

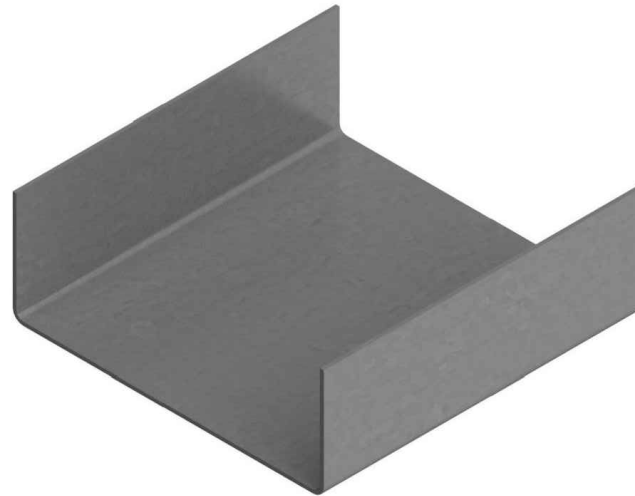
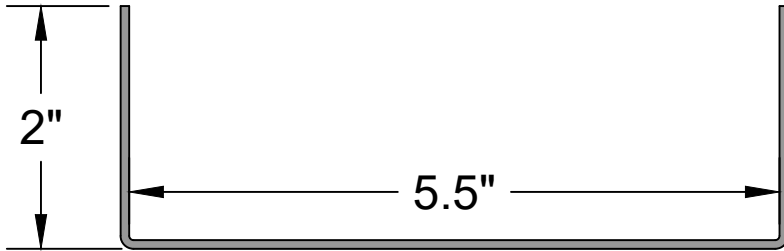
Mill - Gauge	Bend Radius
25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

400T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request

Steel Members Documentation

5 1/2" Track

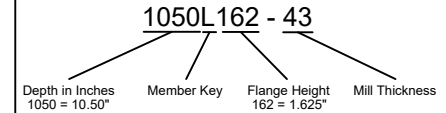


6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	550T200
Depth:	5.5"
Flange:	2"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown



Member Key

- S = Stud (C Shaped)
- L = Lintel (L Shaped)
- T = Track (U Shaped)
- W = I-Beam (I Shaped)
- E = Eave Strut (C Shaped)
- D = Double Eave Strut
- A = Angle (2 Legs, 1 Angle)
- F = Hat (Top Hat Shaped)
- B = Box (Rectangle Shaped)
- Fl = Strap/Flat (Flat Shaped)
- Z = Zee (Z Shaped)

* All members shown in 14 gauge to show detail

Member	Gauge	Fy (ksi)	Area (in ²)	Weight (lbs/ft)	Gross Properties					Effective Properties			Coil
					I _x (in ⁴)	S _x (in ³)	R _x (in)	I _y (in ⁴)	R _y (in)	I _x (in ⁴)	M _d (ft-lb)	M _{da} (ft-lb)	Flat Width
550T200-25	24	50	.1763	.7560	.8087	.2940	2.1412	.0674	.6181	.37036	NA	NA	9.5"
550T200-30	22	50	.2649	.9870	1.210	.4401	2.1373	.1007	.6166	.95690	NA	NA	9.5"
550T200-33	20	50	.3608	1.227	1.722	.6093	2.1847	.1353	.6123	1.3509	754.3	NA	9.5"
550T200-43	18	50	.4555	1.549	2.175	.7670	2.1850	.1697	.6104	2.1750	1201.6	NA	9.5"
550T200-54	16	50	.5408	1.840	2.596	.9113	2.1913	.2003	.6086	2.1714	1585.7	NA	9.5"
550T200-68	14	50	.6829	2.323	3.306	1.150	2.2005	.2505	.6056	2.9296	2166.0	NA	9.5"
550T200-97	12	50	.9382	3.192	4.595	1.576	2.2132	.3380	.6003	4.3856	3326.0	NA	9.5"
											Nominal	9.5"	

*All calculations based on unpunched stud

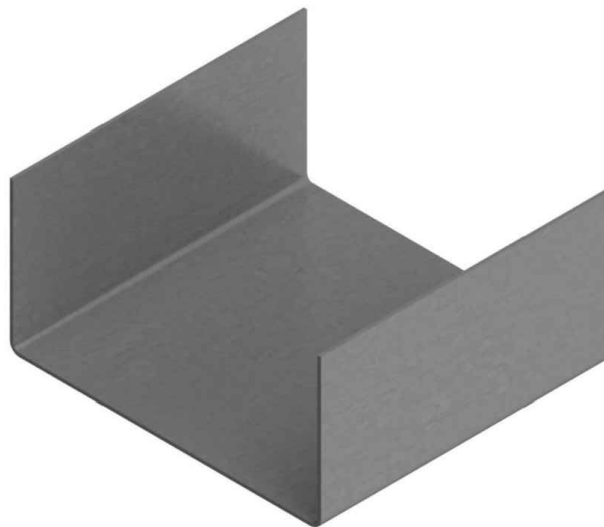
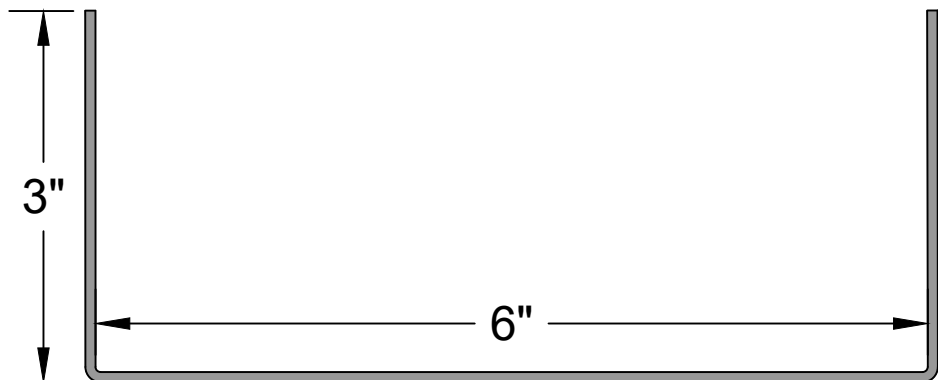
** Full Sectional properties available upon request

550T200

Mill - Gauge	Bend Radius
25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

Steel Members Documentation

6" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	600T300
Depth:	6"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43			
Depth in Inches 1050 = 10.50"	Member Key	Flange Height 162 = 1.625"	Mill Thickness

Member Key

- S** = Stud (C Shaped)
- L** = Lintel (L Shaped)
- T** = Track (U Shaped)
- W** = I-Beam (I Shaped)
- E** = Eave Strut (C Shaped)
- D** = Double Eave Strut
- A** = Angle (2 Legs, 1 Angle)
- F** = Hat (Top Hat Shaped)
- B** = Box (Rectangle Shaped)
- Fl** = Strap/Flat (Flat Shaped)
- Z** = Zee (Z Shaped)

* All members shown in 14 gauge to show detail

Member Name	G	ksi	Area	Weight	Width	Gross Properties (x)			Gross Properties (y)			Torsional Properties				
						lx	Sx	rx	ly	Sy	ry	J	Cw	Xo	Ro	β
600T200-54	16	50	0.557	1.896	9.77	1.927	0.642	1.860	0.118	0.073	0.461	0.00060	1.239	0.957	2.142	0.800
600T200-68	14	50	0.699	2.380	9.71	2.392	0.797	1.850	0.143	0.088	0.453	0.00121	1.524	0.946	2.126	0.802
600T200-97	12	50	0.951	3.236	9.60	3.189	1.063	1.831	0.182	0.111	0.438	0.00311	1.996	0.926	2.098	0.805

Mill - Gauge Bend Radius

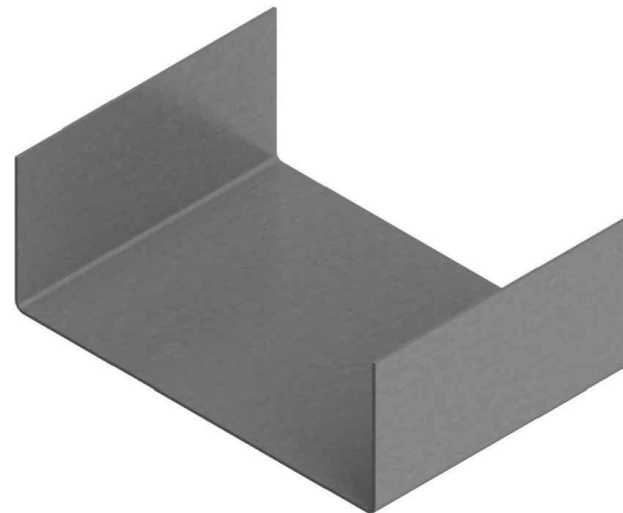
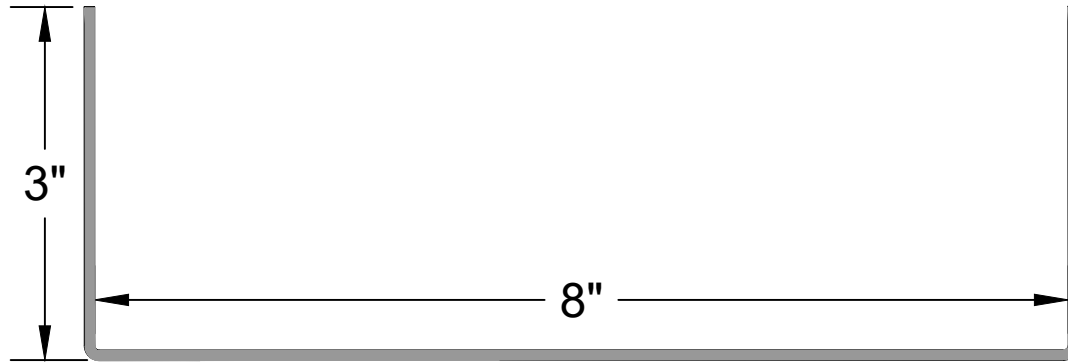
25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

600T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request

Steel Members Documentation

8" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	800T300
Depth:	8"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43			
Depth in Inches 1050 = 10.50"	Member Key	Flange Height 162 = 1.625"	Mill Thickness

Member Key

- S** = Stud (C Shaped)
- L** = Lintel (L Shaped)
- T** = Track (U Shaped)
- W** = I-Beam (I Shaped)
- E** = Eave Strut (C Shaped)
- D** = Double Eave Strut
- A** = Angle (2 Legs, 1 Angle)
- F** = Hat (Top Hat Shaped)
- B** = Box (Rectangle Shaped)
- Fl** = Strap/Flat (Flat Shaped)
- Z** = Zee (Z Shaped)

Mill - Gauge Bend Radius

25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

* All members shown in 14 gauge to show detail

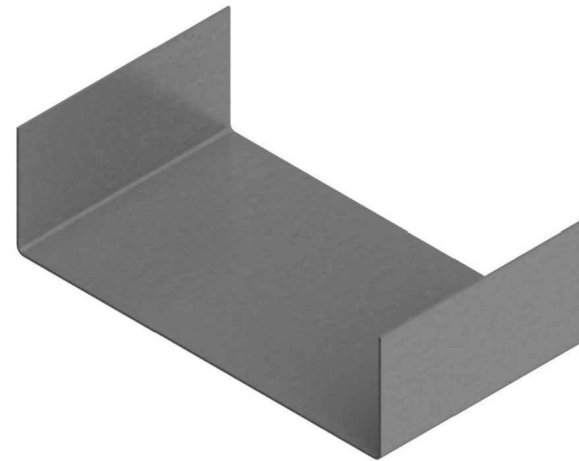
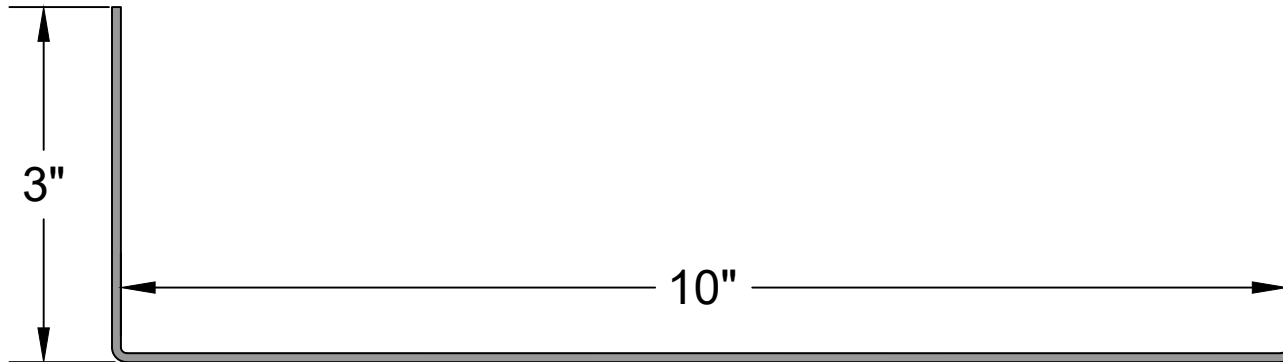
Member Name	G	ksi	Area	Weight	Width	Gross Properties (x)			Gross Properties (y)			Torsional Properties				
						lx	Sx	rx	ly	Sy	ry	J	Cw	Xo	Ro	β
800T200-54	16	50	0.671	2.284	11.77	3.442	0.860	2.265	0.131	0.078	0.443	0.00073	2.435	0.957	2.498	0.853
800T200-68	14	50	0.843	2.870	11.71	4.280	1.070	2.253	0.159	0.094	0.435	0.00146	3.000	0.946	2.482	0.855
800T200-97	12	50	1.149	3.910	11.60	5.717	1.429	2.231	0.203	0.119	0.420	0.00375	3.941	0.926	2.452	0.857

800T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request

Steel Members Documentation

10" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	1000T300
Depth:	10"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43			
Depth in Inches 1050 = 10.50"	Member Key	Flange Height 162 = 1.625"	Mill Thickness

Member Key

- S = Stud (C Shaped)
- L = Lintel (L Shaped)
- T = Track (U Shaped)
- W = I-Beam (I Shaped)
- E = Eave Strut (C Shaped)
- D = Double Eave Strut
- A = Angle (2 Legs, 1 Angle)
- F = Hat (Top Hat Shaped)
- B = Box (Rectangle Shaped)
- Fl = Strap/Flat (Flat Shaped)
- Z = Zee (Z Shaped)

Mill - Gauge Bend Radius

25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

* All members shown in 14 gauge to show detail

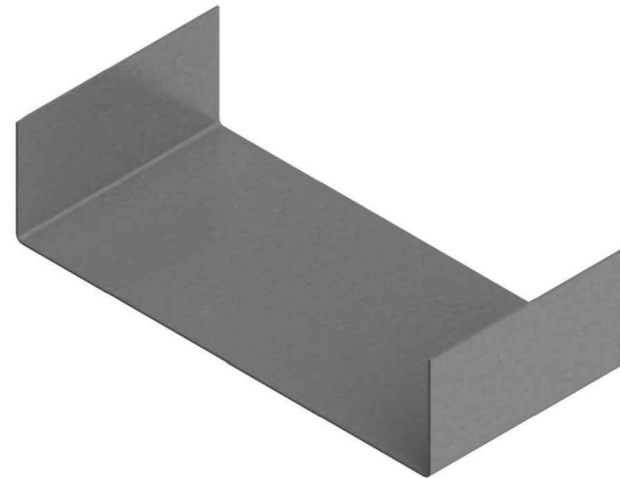
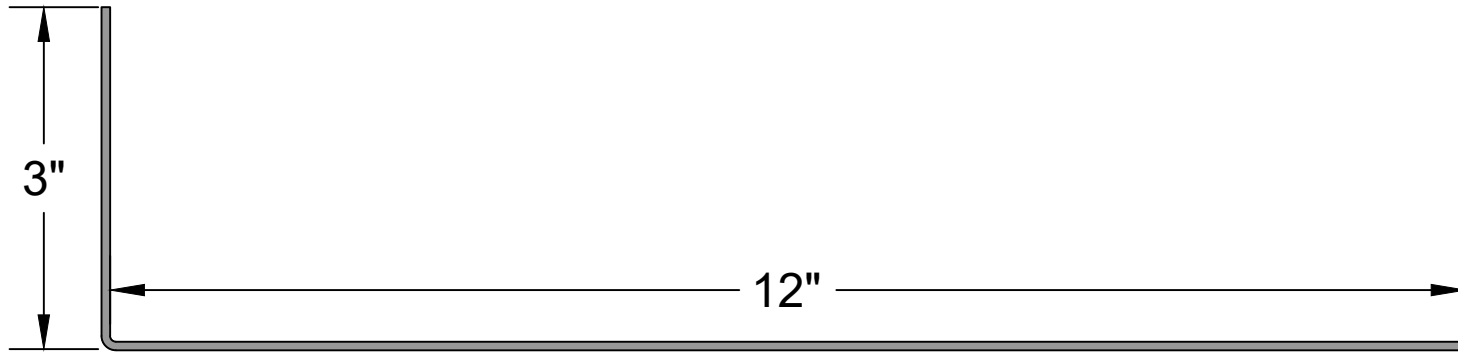
Member Name	Gross Properties (x)					Gross Properties (y)			Torsional Properties							
	G	ksi	Area	Weight	Width	lx	Sx	rx	ly	Sy	ry	J	Cw	Xo	Ro	β
1000T300-54	16	50	0.785	2.672	13.77	5.393	1.079	2.621	0.141	0.081	0.424	0.00085	4.101	0.957	2.822	0.885
1000T300-68	14	50	0.987	3.360	13.71	6.712	1.342	2.607	0.171	0.098	0.416	0.00171	5.055	0.946	2.805	0.886
1000T300-97	12	50	1.347	4.583	13.60	8.980	1.796	2.582	0.218	0.124	0.402	0.00440	6.651	0.926	2.772	0.889

1000T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request

Steel Members Documentation

12" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	1200T300
Depth:	12"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43			
Depth in Inches 1050 = 10.50"	Member Key	Flange Height 162 = 1.625"	Mill Thickness

Member Key

- S** = Stud (C Shaped)
- L** = Lintel (L Shaped)
- T** = Track (U Shaped)
- W** = I-Beam (I Shaped)
- E** = Eave Strut (C Shaped)
- D** = Double Eave Strut
- A** = Angle (2 Legs, 1 Angle)
- F** = Hat (Top Hat Shaped)
- B** = Box (Rectangle Shaped)
- Fl** = Strap/Flat (Flat Shaped)
- Z** = Zee (Z Shaped)

* All members shown in 14 gauge to show detail

Member Name	G	ksi	Area	Weight	Width	Gross Properties (x)			Gross Properties (y)			Torsional Properties				
						I _x	S _x	r _x	I _y	S _y	r _y	J	C _w	X _o	R _o	β
1200T300-54	16	50	1.013	3.447	17.77	11.85	1.974	3.420	0.466	0.185	0.679	0.00110	19.09	1.457	3.779	0.851
1200T300-68	14	50	1.275	4.340	17.71	14.81	2.468	3.408	0.574	0.227	0.671	0.00220	23.71	1.446	3.762	0.852
1200T300-97	12	50	1.743	5.931	17.60	19.99	3.331	3.386	0.752	0.296	0.657	0.00569	31.64	1.426	3.733	0.854

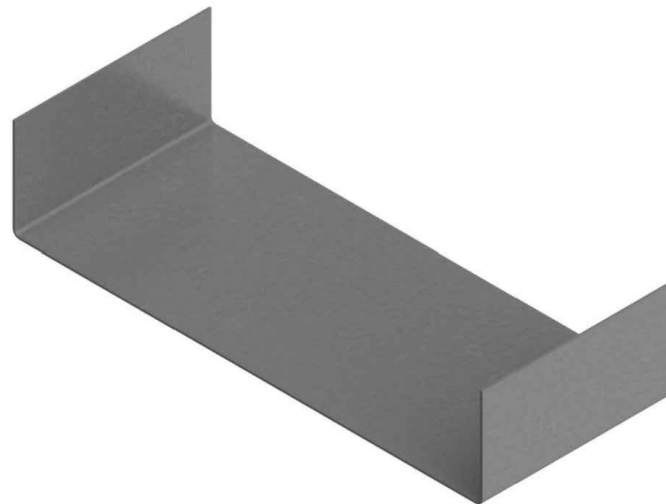
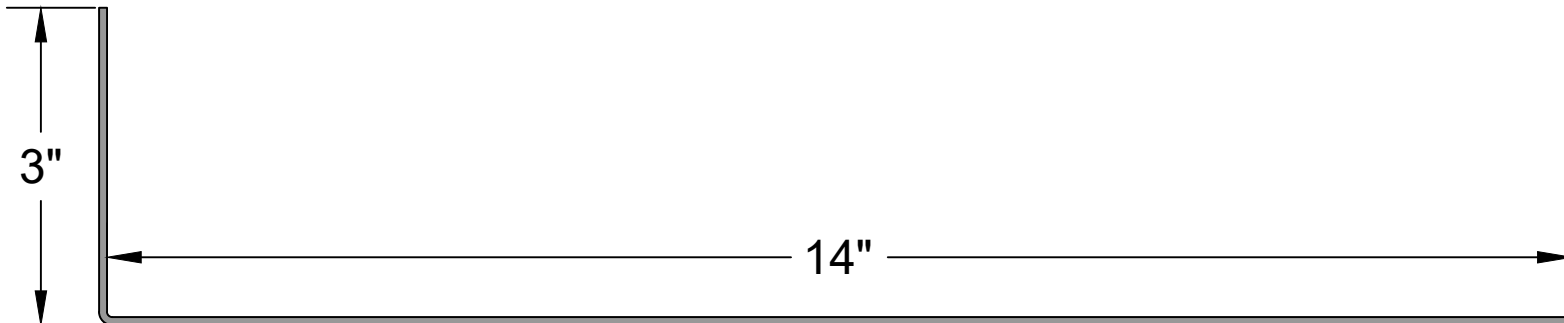
Mill - Gauge	Bend Radius
25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

1200T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request

Steel Members Documentation

14" Track



6195 Hwy 52 East
Murrayville GA, 30564
www.BMMetals.com
Office: (706) 864-6068
Fax: (706) 864-2147

Member specs and limits

Name:	1400T300
Depth:	14"
Flange:	3"
Lip:	0"
Lengths:	6' - 60'
Gauges:	24,22,20,18,16,14,12

Name Breakdown

1050L162 - 43

Depth in Inches
1050 = 10.50"
Member Key
Flange Height
162 = 1.625"
Mill Thickness

Member Key

- S = Stud (C Shaped)
- L = Lintel (L Shaped)
- T = Track (U Shaped)
- W = I-Beam (I Shaped)
- E = Eave Strut (C Shaped)
- D = Double Eave Strut
- A = Angle (2 Legs, 1 Angle)
- F = Hat (Top Hat Shaped)
- B = Box (Rectangle Shaped)
- FI = Strap/Flat (Flat Shaped)
- Z = Zee (Z Shaped)

Mill - Gauge Bend Radius

25 mill = 24 gauge	.0764
30 mill = 22 gauge	.0796
33 mill = 20 gauge	.0764
43 mill = 18 gauge	.0712
54 mill = 16 gauge	.0849
68 mill = 14 gauge	.1069
97 mill = 12 gauge	.1325

* All members shown in 14 gauge to show detail

Member Name	Gross Properties (x)					Gross Properties (y)			Torsional Properties							
	G	ksi	Area	Weight	Width	lx	Sx	rx	ly	Sy	ry	J	Cw	Xo	Ro	β
1400T300-54	16	50	1.127	3.835	19.77	16.15	2.307	3.785	0.490	0.191	0.659	0.00122	27.35	1.457	4.109	0.874
1400T300-68	14	50	1.419	4.830	19.71	20.19	2.885	3.772	0.603	0.234	0.652	0.00245	33.99	1.446	4.092	0.875
1400T300-97	12	50	1.941	6.605	19.60	27.27	3.896	3.748	0.790	0.306	0.638	0.00634	45.38	1.426	4.061	0.877

1400T300

*All calculations should be verified by licensed Engineer
** Full Sectional properties available upon request