



2140 Research Dr
 Livermore, CA 94550
 Ph 925 447 3500
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Project Information:
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Contractor Information:
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 Contact:
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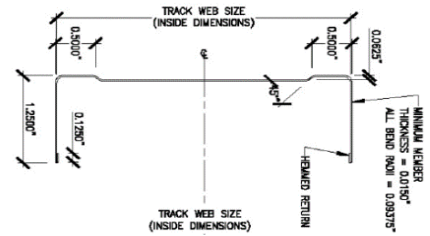
General Product Information:

Web Width (in): 1.625 Flange Width (in): 1.25
 Design Thickness: 0.015 Yield Strength (ksi): 41
 Galvanized Coating: G-40 Coating

Product Specification Submittal

Member Designation: 162PT125-15

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.22	Ix (in ⁴)	0.030	Xo (in)	-0.96
Area (in ²)	0.069	Sx (in ³)	0.032	Jx1000 (in ⁴)	0.00574
Ix (in ⁴)	0.035	Mal (in-k)	0.79	Cw (in ⁶)	0.007
Rx (in)	0.716	Mad (in-k)	0.50	Ro (in)	1.274
Iy (in ⁴)	0.013			β	0.432
Ry (in)	0.434				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
2. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius.
3. Hems on non-structural track sections are ignored.
4. Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
5. For deflection calculations, use the effective moment of inertia.

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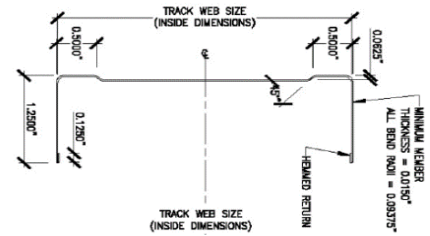
General Product Information:

Product Specification Submittal

Web Width (in):	2.5	Flange Width (in):	1.25
Design Thickness:	0.0158	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Member Designation: 250PT125-15

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.27	Ix (in ⁴)	0.078	Xo (in)	-0.822
Area (in ²)	0.083	Sx (in ³)	0.056	Jx1000 (in ⁴)	0.00689
Ix (in ⁴)	0.09	Mal (in-k)	1.37	Cw (in ⁶)	0.018
Rx (in)	1.041	Mad (in-k)	0.83	Ro (in)	1.392
Iy (in ⁴)	0.015			β	0.651
Ry (in)	0.42				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
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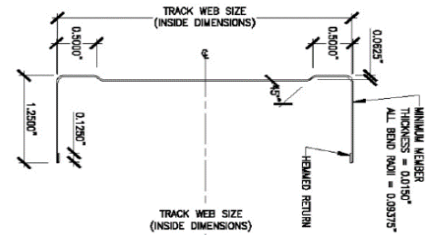
General Product Information:

Product Specification Submittal

Web Width (in):	2.5	Flange Width (in):	1.25
Design Thickness:	0.0248	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Member Designation: 250PT125-24

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.42	Ix (in ⁴)	0.135	Xo (in)	-0.818
Area (in ²)	0.13	Sx (in ³)	0.102	Jx1000 (in ⁴)	0.02663
Ix (in ⁴)	0.141	Mal (in-k)	2.50	Cw (in ⁶)	0.028
Rx (in)	1.044	Mad (in-k)	1.81	Ro (in)	1.391
Iy (in ⁴)	0.023			β	0.654
Ry (in)	0.418				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
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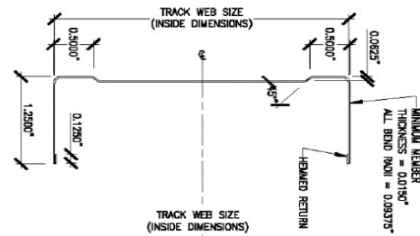
General Product Information:

Web Width (in):	3.625	Flange Width (in):	1.25
Design Thickness:	0.0189	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Product Specification Submittal

Member Designation: 362PT125-19

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.39	Ix (in ⁴)	0.214	Xo (in)	-0.708
Area (in ²)	0.119	Sx (in ³)	0.111	Jx1000 (in ⁴)	0.01417
Ix (in ⁴)	0.238	Mal (in-k)	2.71	Cw (in ⁶)	0.047
Rx (in)	1.413	Mad (in-k)	251	Ro (in)	1.63
Iy (in ⁴)	0.019			β	0.811
Ry (in)	0.4				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
2. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius.
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4. Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
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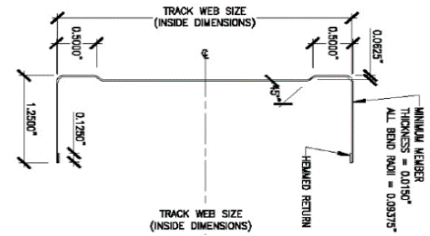
General Product Information:

Product Specification Submittal

Web Width (in):	3.625	Flange Width (in):	1.25
Design Thickness:	0.0248	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Member Designation: 362PT125-24

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.51	Ix (in ⁴)	0.313	Xo (in)	-0.7
Area (in ²)	0.158	Sx (in ³)	0.165	Jx1000 (in ⁴)	0.03235
Ix (in ⁴)	0.326	Mal (in-k)	4.05	Cw (in ⁶)	0.064
Rx (in)	1.437	Mad (in-k)	2.90	Ro (in)	1.647
Iy (in ⁴)	0.025			β	0.819
Ry (in)	0.397				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
2. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius.
3. Hems on non-structural track sections are ignored.
4. Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
5. For deflection calculations, use the effective moment of inertia.

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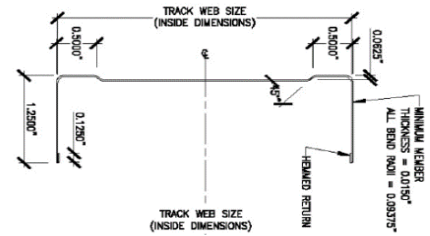
General Product Information:

Web Width (in):	4	Flange Width (in):	1.25
Design Thickness:	0.0158	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Product Specification Submittal

Member Designation: 400PT125-15

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.34	Ix (in ⁴)	0.222	Xo (in)	-0.672
Area (in ²)	0.107	Sx (in ³)	0.098	Jx1000 (in ⁴)	0.00886
Ix (in ⁴)	0.26	Mal (in-k)	2.41	Cw (in ⁶)	0.051
Rx (in)	1.562	Mad (in-k)	1.51	Ro (in)	1.745
Iy (in ⁴)	0.016			β	0.852
Ry (in)	0.392				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
2. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius.
3. Hems on non-structural track sections are ignored.
4. Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
5. For deflection calculations, use the effective moment of inertia.

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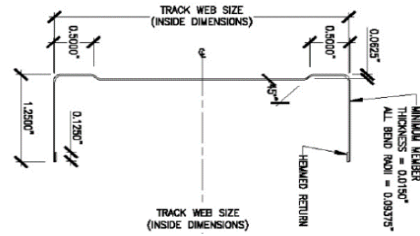
General Product Information:

Web Width (in):	4	Flange Width (in):	1.25
Design Thickness:	0.0189	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Product Specification Submittal

Member Designation: 400PT125-19

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.41	Ix (in ⁴)	0.268	Xo (in)	-0.676
Area (in ²)	0.126	Sx (in ³)	0.124	Jx1000 (in ⁴)	0.01502
Ix (in ⁴)	0.299	Mal (in-k)	3.05	Cw (in ⁶)	0.059
Rx (in)	1.54	Mad (in-k)	217	Ro (in)	1.727
Iy (in ⁴)	0.019			β	0.847
Ry (in)	0.393				



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
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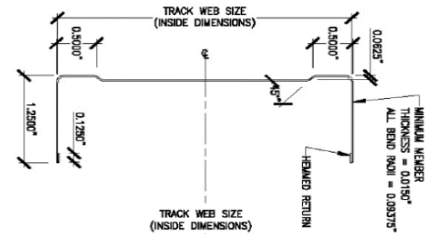
General Product Information:

Web Width (in): 4 Flange Width (in): 1.25
 Design Thickness: 0.0248 Yield Strength (ksi): 41
 Galvanized Coating: G-60

Product Specification Submittal

Member Designation: 400PT125-24

Section Properties		ICC - ESR-3503	
Gross Properties		Effective Properties	
W (lb/sf)	0.54	Ix (in ⁴)	0.391
Area (in ²)	0.167	Sx (in ³)	0.186
Ix (in ⁴)	0.409	Mal (in-k)	4.56
Rx (in)	1.564	Mad (in-k)	3.30
Iy (in ⁴)	0.025		
Ry (in)	0.39		
		Torsional Properties	
		Xo (in)	-0.669
		Jx1000 (in ⁴)	0.03426
		Cw (in ⁶)	0.080
		Ro (in)	1.745
		β	0.853



Section Property Notes:

1. The center-line bend radius is based on inside corner radii.
2. Web depth for track sections is equal to the nominal height plus 2 times the design thickness plus the bend radius.
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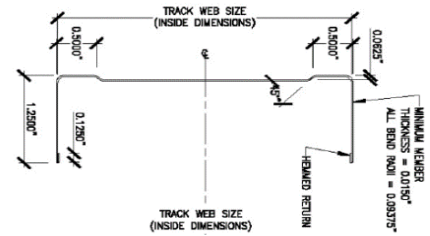
General Product Information:

Web Width (in):	6	Flange Width (in):	1.25
Design Thickness:	0.0158	Yield Strength (ksi):	41
Galvanized Coating:	G-60		

Product Specification Submittal

Member Designation: 600PT125-15

Section Properties	ICC - ESR-3503				
Gross Properties	Effective Properties		Torsional Properties		
W (lb/sf)	0.45	Ix (in ⁴)	0.548	Xo (in)	-0.547
Area (in ²)	0.138	Sx (in ³)	0.155	Jx1000 (in ⁴)	0.00115
Ix (in ⁴)	0.678	Mal (in-k)	3.80	Cw (in ⁶)	0.128
Rx (in)	2.215	Mad (in-k)	2.64	Ro (in)	2.31
Iy (in ⁴)	0.018			β	0.944
Ry (in)	0.359				



Section Property Notes:

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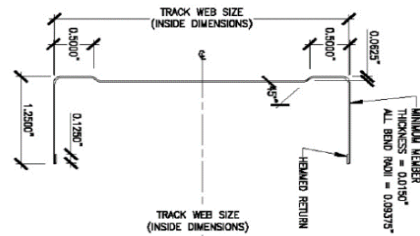
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Web Width (in): 6 Flange Width (in): 1.25
 Design Thickness: 0.0189 Yield Strength (ksi): 41
 Galvanized Coating: G-60

Member Designation: 600PT125-19

Section Properties		ICC - ESR-3503	
Gross Properties		Effective Properties	
W (lb/sf)	0.53	Ix (in ⁴)	0.674
Area (in ²)	0.164	Sx (in ³)	0.199
Ix (in ⁴)	0.789	Mal (in-k)	4.87
Rx (in)	2.194	Mad (in-k)	126
Iy (in ⁴)	0.021		
Ry (in)	0.359		
		Torsional Properties	
		Xo (in)	-0.55
		Jx1000 (in ⁴)	0.01952
		Cw (in ⁶)	0.149
		Ro (in)	2.29
		β	0.942



Section Property Notes:

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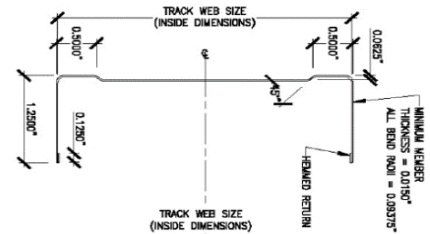
General Product Information:

Product Specification Submittal

Web Width (in): 6 Flange Width (in): 1.25
 Design Thickness: 0.0248 Yield Strength (ksi): 41
 Galvanized Coating: G-60

Member Designation: 600PT125-24

Section Properties		ICC - ESR-3503	
Gross Properties		Effective Properties	
W (lb/sf)	0.7	Ix (in ⁴)	0.978
Area (in ²)	0.27	Sx (in ³)	0.298
Ix (in ⁴)	1.065	Mal (in-k)	7.31
Rx (in)	2.216	Mad (in-k)	5.76
Iy (in ⁴)	0.028		
Ry (in)	0.357		
		Torsional Properties	
		Xo (in)	-0.544
		Jx1000 (in ⁴)	0.04443
		Cw (in ⁶)	0.200
		Ro (in)	2.31
		β	0.944



Section Property Notes:

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